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**EXECUTIVE COMMITTEE OF
THE MULTILATERAL FUND FOR THE
IMPLEMENTATION OF THE MONTREAL PROTOCOL**Ninetieth meeting
Montreal, 20–23 June 2022**REPORT OF THE NINETIETH MEETING
OF THE EXECUTIVE COMMITTEE**Introduction

1. The 90th meeting of the Executive Committee of the Multilateral Fund for the Implementation of the Montreal Protocol was held from 20 to 23 June 2022. The meeting took place in a hybrid format: in person, at the headquarters of the International Civil Aviation Organization (ICAO), Montreal, Canada, and online, for any participants unable to attend in person as a result of the ongoing restrictions in their countries of origin due to the coronavirus disease (COVID-19) pandemic.

2. The meeting was attended by representatives of the following countries, members of the Executive Committee in accordance with decision XXXIII/11 of the Thirty-Third Meeting of the Parties to the Montreal Protocol:

- (a) Parties not operating under paragraph 1 of Article 5 of the Protocol (non-Article 5 Parties): Belgium, Canada, Finland, Italy, Japan and the United States of America (Vice-Chair); and
- (b) Parties operating under paragraph 1 of Article 5 of the Protocol (Article 5 Parties): Bahrain (Chair), Brazil, Chad, Cuba, Guyana, India and Zimbabwe.

3. In accordance with the decisions taken by the Executive Committee at its second and eighth meetings, representatives of the United Nations Development Programme (UNDP), the United Nations Environment Programme (UNEP) both as implementing agency and as Treasurer of the Fund, the United Nations Industrial Development Organization (UNIDO) and the World Bank attended the meeting as observers.

4. The Executive Secretary of the Ozone Secretariat, the President of the Implementation Committee and members of the Technology and Economic Assessment Panel were also present.

5. Representatives of the Environmental Investigation Agency, the Institute for Governance and Sustainable Development, the Natural Resources Defense Council and the Refrigerant Gas Manufacturers' Association of India also attended as observers.

* Re-issued for technical reasons on 19 July 2022.

AGENDA ITEM 1: OPENING OF THE MEETING

6. The 90th meeting of the Executive Committee was opened by the Chair, Mr. Hassan Ali Mubarak (Bahrain). He noted that, despite the challenges of the COVID-19 pandemic, the Committee had worked virtually and continued to exercise its core functions; the Secretariat and the implementing agencies had provided assistance to Article 5 countries; and the countries had continued to fulfil their agreements and obligations relating to the Montreal Protocol. Work would now be conducted in person in a new era of opportunities, especially with regard to the implementation of the Kigali Amendment to the Montreal Protocol and to sustaining and achieving HCFC phase-out. He recalled that, at the 89th meeting, it had been agreed that some items would be placed on the agenda of the 90th meeting so that discussions could continue. He looked forward to reaching consensus on those matters.

AGENDA ITEM 2: ORGANIZATIONAL MATTERS

(a) Adoption of the agenda

7. The Executive Committee adopted the following agenda for the meeting on the basis of the revised provisional agenda contained in document UNEP/OzL.Pro/ExCom/90/1/Rev.1:

1. Opening of the meeting.
2. Organizational matters:
 - (a) Adoption of the agenda;
 - (b) Organization of work.
3. Secretariat activities.
4. Financial matters:
 - (a) Status of contributions and disbursements;
 - (b) Report on balances and availability of resources;
5. Country programme data and prospects for compliance.
6. Evaluation:
 - (a) Desk study for the evaluation of demonstration projects for low-global-warming-potential alternatives to HCFCs;
 - (b) Update on the status of the second phase of the evaluation of regional networks of national ozone officers;
 - (c) Terms of reference for the desk study for the evaluation of enabling activities for HFC phase-down.
7. Programme implementation:
 - (a) Status reports and reports on projects with specific reporting requirements;
 - (b) 2022 consolidated project completion report.

8. Business planning:
 - (a) Update on the status of implementation of the 2022–2024 consolidated business plan of the Multilateral Fund;
 - (b) Tranche submission delays.
9. Project proposals:
 - (a) Overview of issues identified during project review;
 - (b) Bilateral cooperation;
 - (c) Work programmes:
 - (i) Work programme of UNDP for 2022;
 - (ii) Work programme of UNEP for 2022;
 - (iii) Work programme of UNIDO for 2022.
 - (d) Investment projects.
10. Report on the review of the implementation of the operational policy on gender mainstreaming for Multilateral Fund-supported projects (decision 84/92(e)).
11. Matters related to the Kigali Amendment to the Montreal Protocol:
 - (a) Development of the cost guidelines for the phase-down of HFCs in Article 5 countries: Draft criteria for funding including consideration of operationalizing paragraph 24 of decision XXVIII/2;
 - (b) Analysis of the level and modalities of funding for HFC phase-down in the refrigeration servicing sector;
 - (c) Report identifying options, including the relevant procedures and conditions, for mobilizing financial resources for maintaining and/or enhancing energy efficiency when replacing HFCs with low-global-warming-potential alternatives.
12. Draft report of the Executive Committee of the Multilateral Fund for the Implementation of the Montreal Protocol to the Thirty-Fourth Meeting of the Parties.
13. Report of the Sub-group on the Production Sector.
14. Other matters.
15. Adoption of the report.
16. Closure of the meeting.

(b) Organization of work

8. The Executive Committee agreed to consider, under agenda item 14, Other matters, issues relating to the dates and venues of the 91st, 92nd and 93rd meetings of the Executive Committee.

9. The Executive Committee also agreed to reconvene the Sub-group on the Production Sector with the following composition: Brazil, Canada, Cuba, Finland, India, Italy, the United States of America and Zimbabwe.

10. The Executive Committee further agreed to defer to the following in-person meeting, on account of the online participation of key representatives of one member's delegation, consideration of three items under agenda item 7(a), Status reports and reports on projects with specific reporting requirements, namely, the report on progress in the implementation of activities listed in decision 83/41(e); the study to determine the regulatory, enforcement, policy or market circumstances that might have led to the illegal production and use of CFC-11 and CFC-12 (decision 83/41(d)); and the updated report on the production of carbon tetrachloride and its feedstock uses in China (decision 84/41(b) and (c)).

AGENDA ITEM 3: SECRETARIAT ACTIVITIES

11. The Chief Officer thanked members of the Executive Committee for their trust and warm welcome. She said that document UNEP/OzL.Pro/ExCom/90/2 contained information on all the activities undertaken by the Secretariat since the 88th meeting. She emphasized that the Secretariat, with input from bilateral and implementing agencies, had provided a comprehensive response to the recommendations of the audit of the Multilateral Fund by the United Nations Office of Internal Oversight Services (OIOS). As a result, five of the six recommendations had been closed as they were considered by OIOS as having been implemented. Details of the recommendations were provided in the relevant meeting documents and would be discussed under the relevant agenda items. Information about the discussions with the agencies was included in the report of the inter-agency coordination meeting, held on 31 March and 1 April 2022. Recruitment procedures were being completed for the Chief of the Information Systems Unit and for the Senior Administrative and Fund Management Officer; both functions were critical to the smooth and efficient functioning of the Secretariat.

12. In response to a comment by one member, who noted the risk of a lost opportunity for energy efficiency co-benefits in one of the HFC phase-down projects, the representative of the Secretariat explained that Global Environment Facility projects were reviewed only on request, especially those relating to ODS phase-out and HFC phase-down. The Secretariat had general discussions with the Green Climate Fund on activities undertaken relating to HFC phase-down and on progress on energy efficiency-related matters. Another member commented that, in view of the size of the proposed projects, the capacity of the Multilateral Fund Secretariat to provide technical expertise in energy efficiency, needed to be ensured. He mentioned that all stakeholders would benefit from the updating of the online system of the Multilateral Fund and from it being made more interactive and interconnected to facilitate the retrieval of information, resources and data.

13. The Executive Committee took note with appreciation of the report on Secretariat activities contained in document UNEP/OzL.Pro/ExCom/90/2.

AGENDA ITEM 4: FINANCIAL MATTERS

(a) Status of contributions and disbursements

14. The Treasurer introduced the report on the status of contributions and disbursements contained in document UNEP/OzL.Pro/ExCom/90/3 and provided updated information on countries' contributions to the Multilateral Fund. Since the issuance of the document, the Treasurer had received additional contributions totalling US \$7,666,025 from the Governments of Australia, Lithuania and Norway, bringing to 12 the total number of Parties that had contributed to the Fund so far in 2022. Reminder notices had been sent to Parties with outstanding contributions.

15. As at 20 June 2022, the balance of the Fund stood at US \$431,449,726 in cash. As a decision on the use of the fixed exchange-rate mechanism (FERM) for the period 2021–2023 had yet to be taken by the Parties, the loss resulting from the FERM remained unchanged at US \$30.1 million.

16. The Executive Committee decided:

- (a) To note the report of the Treasurer on the status of contributions and disbursements contained in Annex I to the present report;
- (b) To note that the extension of the fixed-exchange-rate mechanism to the triennium 2021-2023 was pending a decision by the Fifth Extraordinary Meeting of the Parties; and
- (c) To request the Chief Officer and the Treasurer to continue following up with Parties that had outstanding contributions for one triennium or more, and to report back at the 91st meeting.

(Decision 90/1)

(b) Report on balances and availability of resources

17. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/90/4. She indicated that, as shown in table 1 of the document, the funds being returned amounted to US \$3,360,846, including agency support costs, and that table 2, which provided the balances held by the implementing agencies, needed to be corrected to reflect that UNIDO held balances from three projects completed “by decision of the Executive Committee”, amounting to US \$893,905, and not from 15 such projects amounting to US \$3,473,032.

18. The total funding requested at the present meeting was US \$18,550,280, including agency support costs. Taking into consideration the return of balances by the implementing agencies and the updated information provided by the Treasurer, the total funding available to meet those requests amounted to US \$434,810,571.

19. One member noted the improvement in the return of balances for completed projects.

20. The Executive Committee decided:

- (a) To note:
 - (i) The report on balances and availability of resources contained in document UNEP/OzL.Pro/ExCom/90/4;
 - (ii) That the net level of funds being returned at the 90th meeting, by the implementing agencies, was US \$3,360,846, consisting of US \$2,156,038, plus agency support costs of US \$161,346, from UNDP; a credit adjustment of US \$17,118, plus agency support costs of US \$23,719, from UNEP; and US \$968,631, plus agency support costs of US \$68,230, from UNIDO;
 - (iii) That UNDP held balances of US \$31,206, including agency support costs, for two projects completed over two years previously, and US \$119,016, including agency support costs, for one project completed “by decision of the Executive Committee”;
 - (iv) That UNEP held balances of US \$54,511, including agency support costs, for two projects completed over two years previously, and US \$240,643, including agency

support costs, for three projects completed “by decision of the Executive Committee”;

- (v) That UNIDO held balances of US \$46,514, including agency support costs, for one project completed over two years previously, and US \$893,905, including agency support costs, for three projects completed “by decision of the Executive Committee”;

(b) To request:

- (i) Bilateral and implementing agencies to proceed with disbursement or to cancel committed and not-committed funds that were not needed for completed projects and projects completed “by decision of the Executive Committee”, and to return the associated balances at the 91st meeting;
- (ii) UNDP to proceed with disbursement or to cancel commitments for the remaining two projects completed over two years previously, and to return the associated balances at the 91st meeting;
- (iii) UNEP to proceed with disbursement or to cancel commitments for the remaining two projects completed over two years previously, and to return the associated balances at the 91st meeting; and
- (iv) UNIDO to proceed with disbursement or to cancel commitments for the remaining project completed over two years previously, and to return the associated balance at the 91st meeting.

(Decision 90/2)

AGENDA ITEM 5: COUNTRY PROGRAMME DATA AND PROSPECTS FOR COMPLIANCE

21. Introducing document UNEP/OzL.Pro/ExCom/90/5, the representative of the Secretariat explained that, since the issuance of the document, the Secretariat had received 2021 country programme (CP) data for an additional 20 countries, bringing to 112 the number of Article 5 countries that had submitted CP data reports for 2021.

22. During the discussion, one member expressed concern about the increased reporting burden that Section B1 of the updated revised format for CP data reports would place on Article 5 countries and suggested that the reporting under that section should be voluntary. Another member, agreeing that such reporting should be voluntary, said that it was important to take into account factors such as stockpiling of HFC blends for future use and draw-down from existing stocks of HFC blends. It was unclear how the quantities of pure HFCs used for the manufacturing of HFC blends and those of pure HFCs used for various end uses could be reconciled on the basis of estimates of the HFC blends manufactured. Noting that a reduction in controlled substances would automatically lead to a reduction in blends, he added that the increased reporting burden would be particularly onerous for Article 5 countries that manufactured numerous blends and those that imported or exported HFCs and manufactured HFC blends locally.

23. Another member, acknowledging the greater complexity of reporting HFC blends compared with blends related to CFCs and HCFCs, drew attention to the fact that the Executive Committee had requested the Secretariat to prepare a report on the outcome of the use of the revised format for CP data reports during the trial period for consideration at its 92nd meeting. Article 5 countries should be encouraged to use the proposed revised format to report their data and to provide feedback through the review process. It would

also be helpful for countries that wished to do so to discuss with the Secretariat the implications of the revised format, including any additional reporting requirements.

24. Responding to a question, the representative of the Secretariat said that, according to the information at the Secretariat's disposal, at least four countries were manufacturing HFC blends. An update could be provided in that regard once more 2021 CP data had been received.

25. Following a brief discussion, the Executive Committee agreed to refer the matter to a contact group.

26. Subsequently, the Executive Committee decided:

- (a) To note the information on country programme (CP) data and prospects for compliance contained in document UNEP/OzL.Pro/ExCom/90/5, including that, as at 8 May 2022, 92 countries had submitted 2021 CP data and 52 countries had not done so;
- (b) Further to note that an additional 20 countries had submitted 2021 CP data after the issuance of document UNEP/OzL.Pro/ExCom/90/5;
- (c) To approve the updated revised format of Section B of the CP data reports contained in Annex II to the present report, on the understanding that the data required in the column that related to the manufacture of blends under Section B of CP data reports would be reported on a voluntary basis; and
- (d) To request the Secretariat, on the basis of the outcomes of the discussions at the 90th meeting, to update the practical manual for CP data reporting with information on ways to report HFC data in CP reports in order to facilitate reconciliation of those data with HFC data reported under Article 7 of the Montreal Protocol.

(Decision 90/3)

AGENDA ITEM 6: EVALUATION

(a) Desk study for the evaluation of demonstration projects for low-global-warming-potential alternatives to HCFCs

27. The Senior Monitoring and Evaluation Officer introduced document UNEP/OzL.Pro/ExCom/90/6.

28. Following her presentation, members thanked the Senior Monitoring and Evaluation Officer for a comprehensive desk study, welcoming the main conclusion that the demonstration projects had proved useful. They underscored the importance of applying the study's findings to the design of both future demonstration projects and HFC phase-down projects, particularly in order to assess not only the technical feasibility of alternative technologies, but also relevant issues related to their potential adoption in the country, such as market uptake challenges, affordability, safety, competitiveness, know-how and capacity. Other important elements included: involvement of industry associations; communication and technical knowledge dissemination; anticipation of project budget issues; timeframe challenges; and the inclusion of training programme effectiveness indicators in the project results framework.

29. One member, noting that only some of the findings arising from the study were reflected in annex III to the document, which set out additional elements for potential framework conditions for demonstration projects, asked whether the Committee needed to consider additional action on the study's findings and to include them in the form of recommendations. With respect to the finding that reporting tools such as progress reports and project completion reports (PCRs) were not used to the extent planned, the member proposed that the project reporting templates be revised and updated accordingly. Another member observed that the proposal was in line with the suggestion made during the 89th meeting that the Committee adopt key

recommendations from evaluations. He added that he had not expected that very recent suggestion to be applied in the present case, but looked forward to seeing key recommendations identified by the Senior Monitoring and Evaluation Officer in the forthcoming evaluations.

30. Another member underscored the finding of the study related to the importance of clearly separating project achievement indicators from technical indicators in order to assess the effectiveness of demonstration projects.

31. Responding to members' comments and questions, the Senior Monitoring and Evaluation Officer explained that annex III to document UNEP/OzL.Pro/ExCom/90/6 was an update of annex III to document UNEP/OzL.Pro/ExCom/72/40, as per the terms of reference. As such, it followed the same structure, without being as comprehensive as the executive summary in terms of describing the findings. She also informed the Committee that the possibility of revising the PCR templates would be included in the proposals for the monitoring and evaluation work programme for 2023, to be prepared for the 91st meeting.

32. Two members nevertheless expressed the desire to hold informal discussions with the Senior Monitoring and Evaluation Officer.

33. Following the informal discussions, the Executive Committee decided:

- (a) To note the desk study for the evaluation of demonstration projects for low-global-warming-potential alternatives to HCFCs contained in document UNEP/OzL.Pro/ExCom/90/6; and
- (b) To invite Article 5 Parties, bilateral and implementing agencies and the Secretariat to take account, where appropriate, of the findings of the desk study referred to in sub-paragraph (a) above, in project design, implementation and reporting related to future technology demonstration activities associated with HFC phase-down.

(Decision 90/4)

(b) Update on the status of the second phase of the evaluation of regional networks of national ozone officers

34. The Senior Monitoring and Evaluation Officer introduced document UNEP/OzL.Pro/ExCom/90/7.

35. The Executive Committee took note of the update on the status of the second phase of the evaluation of regional networks of national ozone officers contained in document UNEP/OzL.Pro/ExCom/90/7.

(c) Terms of reference for the desk study for the evaluation of enabling activities for HFC phase-down

36. The Senior Monitoring and Evaluation Officer introduced document UNEP/OzL.Pro/ExCom/90/8.

37. There was general support for the proposed terms of reference, which members described as very comprehensive. There was also agreement regarding the timing of the study report, which would be submitted for consideration at the 92nd meeting of the Committee. One member noted that the timing was appropriate given the fact that a significant number of final reports for enabling activities were expected to be submitted only towards the end of 2022.

38. One member acknowledged the many valuable elements already present in the scope of the terms of reference set out in paragraph 7 of the document, including the role of national ozone units, the gender dimension and the differential impact of enabling activities depending on whether the country had ratified the Kigali Amendment. He proposed that an additional element be covered in the scope, which was to assess

the extent to which the design of enabling activities had built upon the existing framework in relation to the institutional, legislative, policy and enforcement systems already in place for HCFCs.

39. The Committee agreed to request the Senior Monitoring and Evaluation Officer to amend the terms of reference to reflect the proposed addition. A revision to document UNEP/OzL.Pro/ExCom/90/8 was subsequently issued.

40. The Executive Committee decided to approve the terms of reference for the desk study for the evaluation of enabling activities for HFC phase-down contained in document UNEP/OzL.Pro/ExCom/90/8/Rev.1.

(Decision 90/5)

AGENDA ITEM 7: PROGRAMME IMPLEMENTATION

(a) Status reports and reports on projects with specific reporting requirements

41. The Chair drew attention to documents UNEP/OzL.Pro/ExCom/90/9 and Corr.1, which contained two sections, and to its two addendums, document UNEP/OzL.Pro/ExCom/90/9/Add.1, which addressed projects in China, and document UNEP/OzL.Pro/ExCom/90/9/Add.2 on the HCFC phase-out management plan (HPMP) for Viet Nam.

Section I: Projects with implementation delays and for which special status reports were requested

42. The Chair drew attention to paragraphs 3 to 6 of document UNEP/OzL.Pro/ExCom/90/9. He recalled that, at its 88th meeting, the Executive Committee had noted that the bilateral and implementing agencies would report at the present meeting on 129 projects with implementation delays and 53 ongoing projects or tranches of multi-year agreements recommended for additional status reports (decision 88/11(c)). The relevant bilateral and implementing agencies had submitted the requested reports.

43. The Executive Committee decided:

(a) To note:

- (i) The implementation delay reports and status reports submitted by bilateral and implementing agencies contained in document UNEP/OzL.Pro/ExCom/90/9;
- (ii) That the Secretariat would send letters to the relevant Governments and to UNEP as the lead implementing agency regarding possible cancellation of the following projects:
 - a. HCFC phase-out management plan (stage I, third tranche) for the Congo (PRC/PHA/76/TAS/30);
 - b. HCFC phase-out management plan (stage I, second tranche) for Saint Kitts and Nevis (STK/PHA/74/TAS/20);
- (iii) That bilateral and implementing agencies would report to the Executive Committee at the 91st meeting on 40 projects with implementation delays, as indicated in Annexes III, IV and V to the present report, and on 23 projects recommended for additional status reports, as indicated in Annex VI to the present report, as part of the 2021 annual and financial progress report of the bilateral and implementing agencies; and

- (b) To approve the recommendations on ongoing projects with specific issues contained in Annex VI to the present report.

(Decision 90/6)

Section II: Reports on projects with specific reporting requirements

A. Projects recommended for blanket approval

44. Several members said that they had questions concerning the project to control emissions of HFC-23 generated in the production of HCFC-22 in Argentina.

45. The Executive Committee agreed to consider the project individually.

Reports related to HCFC phase-out management plans

Argentina: HCFC phase-out management plan (stage II – update on the financial viability of the enterprise Celpack) (UNIDO and the Government of Italy)

46. Information relating to the HPMP was set out in paragraphs 10 to 13 of document UNEP/OzL.Pro/ExCom/90/9.

47. The Executive Committee decided:

- (a) To note the update on the financial viability of the extruded polystyrene (XPS) foam enterprise Celpack funded under stage II of the HCFC phase-out management plan (HPMP) for Argentina, submitted by UNIDO and contained in document UNEP/OzL.Pro/ExCom90/9;
- (b) To request the Government of Argentina, through UNIDO, to provide, at the 91st meeting, an update on the financial viability of the XPS foam enterprise Celpack and a decision on whether the enterprise would be assisted by the Multilateral Fund under stage II of the HPMP for Argentina, in line with decision 84/64(d)(ii); and
- (c) To note that, in the event that the enterprise referred to in sub-paragraph (b) above was not assisted by the Multilateral Fund, the funding associated with its conversion would be calculated taking into consideration the flexibility in the allocation of funds approved for the Government of Argentina for the XPS foam sector and would be deducted from the approved subsequent tranche of stage II of the HPMP for Argentina.

(Decision 90/7)

Bahrain: HCFC phase-out management plan (stage I – progress report) (UNEP and UNIDO)

48. Information relating to the HPMP was set out in paragraphs 14 to 21 of document UNEP/OzL.Pro/ExCom/90/9.

49. The Executive Committee decided to note the progress report on implementation of stage I of the HCFC phase-out management plan for Bahrain, submitted by UNEP and UNIDO and contained in document UNEP/OzL.Pro/ExCom/90/9.

(Decision 90/8)

Brazil: HCFC-phase out management plan (stage II – report on temporary use of high-global-warming-potential technology by U-Tech) (UNDP)

50. Information relating to the HPMP was set out in paragraphs 22 to 27 of document UNEP/OzL.Pro/ExCom/90/9.

51. The Executive Committee decided:

- (a) To note the report provided by UNDP on the temporary use of alternatives with high global-warming potential (GWP) in the systems house U-tech contained in document UNEP/OzL.Pro/ExCom/90/9; and
- (b) To request UNDP to continue assisting the Government of Brazil in securing the supply of alternative technologies with low GWP to the systems house U-Tech, on the understanding that any incremental operational costs related to the conversion of froth system applications would not be paid under stage II of the HCFC phase-out management plan until the technology originally selected or another low-GWP technology had been fully introduced, and to provide, at each meeting until the technology originally selected or another low-GWP technology had been fully introduced, a report on the status of the conversion, along with an update from the suppliers on the progress made towards ensuring that the selected technologies, including associated components, were available on a commercial basis in the country.

(Decision 90/9)

Chile: HCFC phase-out management plan (stage II – annual progress report and request for extension of the completion date) (UNDP, UNEP and UNIDO)

52. Information relating to the HPMP was set out in paragraphs 28 to 42 of document UNEP/OzL.Pro/ExCom/90/9.

53. The Executive Committee decided:

- (a) To note the annual progress report on the implementation of the third and final tranche of stage II of the HCFC phase-out management plan (HPMP) for Chile, submitted by UNDP and contained in document UNEP/OzL.Pro/ExCom/90/9;
- (b) To note that the individual enterprise Superfrigo and four enterprises associated with the two umbrella projects (Austral and Ixom) had opted not to participate in the polyurethane foam conversion projects under stage II of the HPMP; that three eligible enterprises had been identified and had agreed to join the Ixom group conversion project; and that the associated balance of approved funds of US \$111,443, plus agency support costs of US \$7,801, would be returned to the Fund by UNDP at the present meeting;
- (c) To approve, on an exceptional basis, the extension of the date of completion of stage II of the HPMP for Chile to 31 June 2023, given the delay in implementing phase-out activities owing to the coronavirus disease pandemic, noting that no further extension of project implementation would be requested; and
- (d) To request the Government of Chile, through UNDP as lead implementing agency, to submit, at the second meeting in 2023, progress reports on the implementation of the work programme associated with the final tranche and the project completion report.

(Decision 90/10)

Colombia: HCFC phase-out management plan (stage II – update on progress toward finalization of the draft Act and the entry into force of the bans described in document UNEP/OzL.Pro/ExCom/88/44) (UNDP)

54. Information relating to the HPMP was set out in paragraphs 43 to 49 of document UNEP/OzL.Pro/ExCom/90/9.

55. The Executive Committee decided:

- (a) To note the update on progress toward finalization of the draft Act and the entry into force of the bans described in document UNEP/OzL.Pro/ExCom/88/44, in the context of stage II of the HCFC phase-out management plan for Colombia, submitted by UNDP and contained in document UNEP/OzL.Pro/ExCom/90/9; and
- (b) To request UNDP to provide, at the 91st meeting, confirmation of the finalization of the draft Act and the entry into force of the bans mentioned in the update referred to in sub-paragraph (a) above.

(Decision 90/11)

Dominican Republic (the): HCFC phase-out management plan (stage II – third and final tranche progress report) (UNDP and UNEP)

56. Information relating to the HPMP was set out in paragraphs 50 to 61 of document UNEP/OzL.Pro/ExCom/90/9.

57. The Executive Committee decided:

- (a) To note the progress report on the implementation of the work programme associated with the third and final tranche of stage II of the HCFC phase-out management plan (HPMP) for the Dominican Republic, submitted by UNDP and contained in document UNEP/OzL.Pro/ExCom/90/9; and
- (b) To request UNDP to report on the final delivery and distribution of the tools and equipment for refrigeration technicians when requesting the subsequent tranche for stage III of the HPMP.

(Decision 90/12)

Jamaica: HCFC phase-out management plan (stage II – update on the status of implementation of the measures for strengthening the licensing and quota system and monitoring and reporting of HCFC consumption recommended in the verification report) (UNDP and UNEP)

58. Information relating to the HPMP was set out in paragraphs 62 to 66 of document UNEP/OzL.Pro/ExCom/90/9

59. The Executive Committee decided:

- (a) To note the update on the status of implementation of the measures for strengthening the licensing and quota system and monitoring and reporting of HCFC consumption recommended in the verification report under stage II of the HCFC phase-out management plan (HPMP) for Jamaica, submitted by UNDP and contained in document UNEP/OzL.Pro/ExCom/90/9; and

- (b) To request the Government of Jamaica and UNDP to provide an update on the approval of the Trade Order (2014) at the time of submission of the request for the second tranche of stage II of the HPMP.

(Decision 90/13)

Kenya: HCFC phase-out management plan (stage II, second tranche – update on the status of implementation of activities for strengthening the licensing and quota system for HCFCs and information sharing with the Kenya Revenue Authority on HCFC imports) (Government of France)

60. Information relating to the HPMP was set out in paragraphs 67 to 71 of document UNEP/OzL.Pro/ExCom/90/9.

61. The Executive Committee decided:

- (a) To note the update on the status of implementation of activities for strengthening the licensing and quota system for HCFCs and information-sharing with the Kenya Revenue Authority (KRA) on HCFC imports, submitted by the Government of Kenya through the Government of France and contained in document UNEP/OzL.Pro/ExCom/90/9; and
- (b) To request the Government of Kenya, through the Government of France, to provide an update on the status of activities implemented for strengthening the licensing and quota system for HCFCs and information-sharing with KRA on HCFC imports at the time of submission of the request for the third tranche of stage II of the HCFC phase-out management plan.

(Decision 90/14)

Kyrgyzstan: HCFC phase-out management plan (stage II – final progress report) (UNDP and UNEP)

62. Information relating to the HPMP was set out in paragraphs 72 to 89 of document UNEP/OzL.Pro/ExCom/90/9.

63. The Executive Committee decided to note the final progress report on the implementation of the work programme associated with the final tranche of stage II of the HCFC phase-out management plan for Kyrgyzstan and the results of the end-user incentive scheme and demonstration projects in Kyrgyzstan, submitted by UNDP, in line with decisions 84/84(d) and 85/22(a), and contained in document UNEP/OzL.Pro/ExCom/90/9.

(Decision 90/15)

Oman: HCFC phase out management plan (stage II – final progress report) (UNIDO and UNEP)

64. Information relating to the HPMP was set out in paragraphs 90 to 99 of document UNEP/OzL.Pro/ExCom/90/9.

65. The Executive Committee decided to note the progress report on the implementation of the final tranche of stage II of the HCFC phase-out management plan for Oman, submitted by UNIDO, in line with decision 86/53(a), and contained in document UNEP/OzL.Pro/ExCom/90/9.

(Decision 90/16)

Philippines (the): HCFC phase-out management plan (stage II – progress report and request for extension of completion date) (UNIDO)

66. Information relating to the HPMP was set out in paragraphs 100 to 113 of document UNEP/OzL.Pro/ExCom/90/9.

67. The Executive Committee decided:

- (a) To note the progress report on the implementation of the work programme associated with stage II of the HCFC phase-out management plan (HPMP) for the Philippines and the request for extension of the completion date of stage II, submitted by UNIDO and contained in document UNEP/OzL.Pro/ExCom/90/9;
- (b) To extend, on an exceptional basis, owing to the delays imposed by the coronavirus disease pandemic, the completion date of stage II of the HPMP for the Philippines until 31 December 2023, noting that no further extension would be requested;
- (c) To request the Government of the Philippines, through UNIDO, to submit:
 - (i) The verification report of HCFC consumption for 2021, at the 91st meeting; and
 - (ii) Progress reports on the implementation of the work programme associated with the final tranche on a yearly basis through the completion of the project, verification reports until approval of stage III and the project completion report at the first meeting in 2024.

(Decision 90/17)

Saint Lucia: HCFC phase-out management plan (stage I, fifth tranche and stage II, first tranche – update on the status of the signing of the small-scale funding agreement (SSFA) and disbursement of the first instalment under the SSFA) (UNEP)

68. Information relating to the HPMP was set out in paragraphs 114 to 117 of document UNEP/OzL.Pro/ExCom/90/9.

69. The Executive Committee decided to note the update on the status of the signing of the small-scale funding agreement (SSFA) for the fifth tranche of stage I of the HCFC phase-out management plan (HPMP) and the SSFA for the first tranche of stage II of the HPMP for Saint Lucia and disbursement of the first instalments under each of the SSFAs, submitted by UNEP and contained in document UNEP/OzL.Pro/ExCom/90/9.

(Decision 90/18)

Uruguay: HCFC phase-out management plan (stage II – progress report on implementation of the conversion of the foam enterprises) (UNDP)

70. Information relating to the HPMP was set out in paragraphs 118 to 128 of document UNEP/OzL.Pro/ExCom/90/9.

71. The Executive Committee decided:

- (a) To note the report on the progress in the implementation of the conversion of the foam enterprises and the availability of hydrofluoroolefin/hydrofluoroolefin-based polyurethane (PU) systems and their associated components funded under stage II of the HCFC phase-out

management plan for Uruguay, submitted by UNDP and contained in document UNEP/OzL.Pro/ExCom/90/9; and

- (b) To request the Government of Uruguay, through UNDP, to submit, at the 91st meeting, a progress report on the implementation of the conversion of the foam enterprises, the availability of hydrofluoroolefin/hydrofluoroolefin-based PU systems and the status of the legislation for the ban on the import and use of HCFC-141b and HCFC-141b contained in pre-blended polyols.

(Decision 90/19)

Low-global-warming-potential projects

Saudi Arabia: Demonstration project on promoting hydrofluoroolefin-based low-global-warming-potential refrigerants for the air-conditioning sector in high ambient temperatures (progress report) (UNIDO)

72. Information relating to the project was set out in paragraphs 143 to 150 of document UNEP/OzL.Pro/ExCom/90/9.

73. The Executive Committee decided:

- (a) To note the progress report on the demonstration project on promoting hydrofluoroolefin-based low-global-warming-potential refrigerants for the air-conditioning sector in high ambient temperatures in Saudi Arabia, submitted by UNIDO and contained in document UNEP/OzL.Pro/ExCom/90/9;
- (b) To extend the completion date of the project referred to in sub-paragraph (a) above to 30 September 2022, given the advanced progress achieved; and
- (c) To request UNIDO to submit the final report of the project referred to in sub-paragraph (a) above and to return all remaining balances by the 92nd meeting.

(Decision 90/20)

B. Projects for individual consideration

Reports related to HCFC phase-out management plans

Democratic People's Republic of Korea: HCFC phase-out management plan (stage I – progress report on the implementation of activities) (UNIDO)

74. Information relating to the project was set out in paragraphs 152 to 166 of document UNEP/OzL.Pro/ExCom/90/9.

75. One member, noting that the implementation of the project had been at a standstill for several years, said that, given the exceptional circumstances, it might be appropriate to suspend implementation, at least temporarily, and to recover the associated balances, on the understanding that the implementing agencies could request the funds again if the situation changed, and that, if consumption decreased, the project would be revised. Another member said that it was beyond the remit of the Executive Committee to address the issue of the sanctions imposed by the United Nations Security Council and that the Committee did not need to give further consideration to the project until circumstances had changed. One member said that the Committee could not provide guidance on the issue and suggested that it should simply take note of the

report submitted by UNIDO. Another member suggested that the Secretariat should continue to monitor the situation and report any developments to the Committee.

76. The Executive Committee decided:

- (a) To note the status report on the implementation of activities under stage I of the HCFC phase-out management plan for the Democratic People's Republic of Korea, submitted by UNIDO and contained in document 90/9; and
- (b) To request the Secretariat to inform the Executive Committee if the situation in relation to the Democratic People's Republic of Korea changed.

(Decision 90/21)

Viet Nam: HCFC phase-out management plan (stage II, third tranche – progress report on implementation of activities) (World Bank and Government of Japan)

77. The representative of the Secretariat introduced the information related to the HPMP in paragraphs 167 to 208 of documents UNEP/OzL.Pro/ExCom/90/9 and Corr.1 and document UNEP/OzL.Pro/ExCom/90/9/Add.2.

78. Several members, while welcoming the extensive review of the project, requested clarification of some of the issues raised, including those related to the eligibility of the air-conditioning manufacturing enterprises that had temporarily ceased manufacture; the shift by small and medium-sized enterprises from refrigeration manufacture to assembly; the reasons for which enterprises in the sector were hesitant to convert to low-GWP alternatives; and whether agreement had been reached between the World Bank and the Secretariat on all issues. In addition, it was noted that the recommendation contained in sub-paragraph 208(c)(ii)b) was long and could be drafted more clearly.

79. In response, the representative of the Secretariat confirmed that all the issues identified had been resolved. The limited participation of small and medium-sized enterprises in the project was due to their limited capacity to comply with the requirements of the sub-grant agreement documentation. Furthermore, the enterprises made a range of products, and they perceived restriction of the technology as removing flexibility and competitiveness.

80. The Executive Committee agreed that interested parties would continue their discussions on the margins of the meeting.

81. Subsequently, the representative of the Secretariat reported that, after consultations, it had been agreed that the text of the recommendation contained in sub-paragraph 208(c)(ii)b) of document UNEP/OzL.Pro/ExCom/90/9/Add.2 could be simplified. Furthermore, the World Bank had provided additional information regarding the air-conditioning manufacturing enterprises.

82. The Executive Committee decided:

- (a) To note the progress report on implementation of stage II of the HCFC phase-out management plan (HPMP) for Viet Nam, submitted by the World Bank and contained in documents UNEP/OzL.Pro/ExCom/90/9, Corr.1 and Add.2;
- (b) To approve, in principle, the revised funding for stage II of the HPMP for Viet Nam of US \$8,774,275, consisting of US \$7,953,526, plus agency support costs of US \$556,747, for the World Bank and US \$233,630, plus agency support costs of US \$30,372, for the Government of Japan;

- (c) To approve also the following changes to stage II of the HPMP for Viet Nam:
- (i) The revised funding for the air-conditioning manufacturing sector would be US \$584,612, on the understanding that the participating enterprises committed to no longer importing R-410A-based air-conditioning units after completion of the project;
 - (ii) The revised funding for the polyurethane (PU) foam manufacturing sector would be US \$2,529,589, on the understanding:
 - a. That the maximum level of funding for the conversion of the enterprises Darling and Tan A would be US \$600,000;
 - b. That the maximum level of funding for support to up to four blending houses would be US \$1,180,000, noting that such funding could be disbursed only in line with decision 77/35 and that the World Bank would include in the submission referred to in sub-paragraph (d)(ii) below the number of small and medium-sized enterprises that had signed letters of commitment to participate in the project to convert to pre-blended hydrofluoroolefins;
 - c. That only eligible enterprises with confirmed consumption of HCFC-141b contained in pre-blended polyols would be assisted, and the World Bank would include the list of those enterprises in the project completion report (PCR);
 - d. That the capacity converted to low-global-warming-potential (GWP) alternatives in the assisted enterprises under the project would not be eligible for further funding from the Multilateral Fund;
 - e. That, on the basis of the information on eligible costs to be submitted to the 91st meeting, the Government of Viet Nam, through the World Bank, would return to the 91st meeting the difference between the agreed maximum funding level (US \$2,529,589) and the eligible costs;
 - (iii) The revised funding for the refrigeration manufacturing sector of up to US \$1,405,292 based on the phase-out of 117.11 metric tonnes of HCFC-22 at eligible refrigeration manufacturing enterprises, on the understanding:
 - a. That the Government would have flexibility to use the approved funding for the sector to undertake technical assistance activities to assist conversions in the sector as long as the overall cost-effectiveness of the sector remained within the US \$12.00/kg as approved by the Executive Committee;
 - b. That only eligible enterprises with confirmed consumption of HCFC-22 in refrigeration manufacturing (and not assembly) would be assisted. and the World Bank would provide the list of those enterprises in the PCR;
 - c. That the enterprises assisted under the project would commit to use the converted capacity only to manufacture low-GWP-based refrigeration equipment and would not import high-GWP-based refrigeration equipment;

- d. That, on the basis of the information on eligible costs to be submitted to the 91st meeting, the Government of Viet Nam, through the World Bank, would return to the 91st meeting the difference between the agreed maximum funding level (US \$1,405,292) and the eligible costs, plus 8 per cent associated with the project management and implementation unit and possible technical assistance;
- (iv) The revised funding for the refrigeration servicing sector of US \$2,699,570, resulting in an additional reduction from the country's remaining HCFC-22 consumption eligible for funding of 5.84 ODP tonnes;
- (v) The revised funding for technical assistance and the project management and implementation unit of US \$734,463, on the understanding that that funding could be reduced in line with sub-paragraph (c)(iii)d. above, and that the Government of Viet Nam would have flexibility to choose, at the 91st meeting, whether any return to the Multilateral Fund associated with technical assistance and the project management and implementation unit would be in the form of funding or additional reductions from the country's remaining HCFC-22 consumption eligible for funding calculated at US \$4.80/kg, or a combination thereof;
- (vi) An extension of the date of completion of the project to 31 December 2023;
- (d) To note:
 - (i) That the Government of Viet Nam would issue a ban on the import of HCFC-141b contained in pre-blended polyols and on the use of HCFC-141b contained in imported pre-blended polyols by 1 January 2023;
 - (ii) That the Government would submit, through the World Bank, 10 weeks in advance of the 91st meeting:
 - a. A progress report detailing inter alia the following: progress towards implementation of the ban on HCFC-141b contained in pre-blended polyols; the number of blending houses, PU foam and refrigeration manufacturing enterprises that had signed sub-grant agreements, including their cost and associated HCFC phase-out; and a detailed implementation plan for the servicing sector in line with the revised level of funding specified in sub-paragraph (c)(iv) above; and
 - b. A draft revised agreement reflecting inter alia the revised level of funding, including a possible final tranche in 2022, additional reductions in consumption of HCFC-22 eligible for funding and a revised date of completion of the project.

(Decision 90/22)

Status of implementation of activities in the 16 Article 5 countries for which extension of the completion dates of stage I and stage II of their HCFC phase-out management plans beyond 31 December 2022 was requested (decision 88/29)

83. Information relating to the status of implementation of activities in the 16 Article 5 countries was set out in paragraphs 209 to 218 of document UNEP/OzL.Pro/ExCom/90/9.

84. The Executive Committee decided:

- (a) To note the report on status of implementation of activities in the 16 Article 5 countries for which extension of the completion dates of the related HCFC phase-out management plans (HPMPs) beyond 31 December 2022 was requested pursuant to decision 88/29(b), contained in document UNEP/OzL.Pro/ExCom/90/9;
- (b) To note also that stage I of the HPMP for Jamaica would be completed by 30 June 2022;
- (c) To allow, on an exceptional basis, continued implementation of the outstanding activities related to the HPMPs for the following countries, and to request the relevant implementing agencies to submit a detailed implementation plan with the requests for the remaining tranches by the following dates:
 - (i) At the 91st meeting, for stage I of the HPMPs for Barbados (UNEP), the Congo (UNEP), South Africa (UNIDO) and Suriname (UNEP and UNIDO), and for stage II of the HPMP for the Bolivarian Republic of Venezuela (UNIDO);
 - (ii) No later than at the last meeting of 2023, for stage I of the HPMPs for Dominica (UNEP) and Saint Kitts and Nevis (UNEP), on the understanding that no additional funding requests for new stages of HPMPs and HFC project activities would be submitted until after operational completion of the stage I of the HPMPs;
- (d) To approve the extension, on an exceptional basis, of the completion dates of stage I of the HPMPs for the following countries, on the understanding that no further extension would be requested:
 - (i) Botswana (UNEP and UNIDO), to 31 December 2022, to allow for completion of the remaining activities relating to training of customs officers and refrigeration and air-conditioning servicing technicians;
 - (ii) Zambia (UNEP and UNIDO), to 30 June 2023, to allow for completion of the pending activities relating to equipment procurement and delivery; and
- (e) To allow, on an exceptional basis, UNEP to continue implementation of the outstanding activities related to stage I of the HPMPs for Haiti, Mali and South Sudan, and to request UNEP to submit at the 91st meeting a report on the status of their implementation as part of the UNEP progress report in line with decision 88/29(b)(ii).

(Decision 90/23)

Reports related to HFC projects

Argentina: Control of emissions of HFC-23 generated in the production of HCFC-22 (UNIDO)

85. The representative of the Secretariat introduced the report on the control of emissions of HFC-23 generated in the production of HCFC-22 at Frio Industrias Argentina described in paragraphs 129 to 142 of document UNEP/OzL.Pro/ExCom/90/9.

86. Sympathy was expressed for the difficult circumstances in which the enterprise had found itself, but questions were asked with respect to why the connection of the cryogenic tank had been delayed, how that decision had been taken and why the Executive Committee had not been informed of it earlier; how much HFC-23 had been vented; and whether the Executive Committee could be assured that the HFC-23

by-product generated for the remainder of 2022 would not be emitted. Furthermore, clarification was requested regarding the timeline for the delivery of parts for the refurbishment of the incinerator, noting the limited capacity of the cryogenic tank.

87. The representative of the Secretariat explained that approximately 17 metric tonnes of HFC-23 by-product might have been vented; that the enterprise had been hesitant to reconnect the cryogenic tank until the timeline for the refurbishment of the incinerator was known; and that, given safety requirements, the maximum capacity of the cryogenic tank, which was approximately 32 metric tonnes, would be sufficient to store approximately 11 months of the HFC-23 generated, calculated on the basis of the enterprise's 2021 HCFC-22 production and the historic HFC-23 by-product generation rate. The representative of UNIDO was consulting with UNIDO headquarters to obtain an update on the status of the shipment of equipment.

88. Subsequently, the representative of the Secretariat said that members of the Executive Committee had met informally to discuss the project, which had been delayed because of the time required to finalize the contract for the incinerator with SGL Carbon LLC, the sole technology provider. While members appreciated the efforts of the enterprise, the Government of Argentina and UNIDO to implement the project as planned, some noted that the enterprise had not connected its cryogenic tank by 1 January 2022 and had instead vented HFC-23 to the atmosphere after that date, which was inconsistent with the Agreement between the country and the Executive Committee. There was common understanding that, given the unfortunate delays experienced, the goal should be to minimize any further emissions of HFC-23 by-product and that the Executive Committee should encourage the Government of Argentina to do its utmost to prevent further venting of HFC-23. It was also agreed that UNIDO would be requested to provide, to the 91st meeting, an update on the progress in implementing the project that would include information on progress on the delivery of the parts needed to refurbish the incinerator and on progress toward refurbishing the incinerator, confirmation that the cryogenic tank was storing the HFC-23 by-product generated, details of the quantity of the by-product being stored and the amount of HFC-23 vented, if there had been any new occurrences.

89. The Executive Committee decided:

- (a) To note the progress report on the implementation of the project for the control of emissions of HFC-23 generated in the production of HCFC-22 at Frio Industrias Argentina, submitted by UNIDO, and contained in document UNEP/OzL.Pro/ExCom/90/9;
- (b) To request the Government of Argentina to do its utmost to prevent the venting of HFC-23 by-product;
- (c) To request UNIDO to provide to the 91st meeting an update on the progress in implementing the project referred to in sub-paragraph (a) above, including progress in the delivery of the parts needed to refurbish the incinerator, progress toward refurbishing the incinerator, confirmation that the cryogenic tank was storing the HFC-23 by-product generated, the quantity of HFC-23 by-product stored and the amount of HFC-23 vented, in case there had been any new occurrences; and
- (d) To request UNIDO to provide a report on the implementation of the project referred to in sub-paragraph (a) above to the first meeting of 2023 that included the 2022 HCFC-22 production and the quantity of HFC-23 by-product generated, stored and vented to the atmosphere.

(Decision 90/24)

Jordan: Report on the project for the conversion from HFC to propane of the facility manufacturing large commercial unitary roof-top air-conditioning units of up to 400 kW at Petra Engineering Industries Co. (UNIDO)

90. The representative of the Secretariat introduced the report on the project for the conversion from HFC to propane described in paragraphs 219 to 237 of document UNEP/OzL.Pro/ExCom/90/9. He said that there were two matters on which the Secretariat was seeking guidance from the Executive Committee: whether UNIDO should destroy or render unusable the baseline charging machines used at two manufacturing lines; and whether the Executive Committee intended to allow UNIDO to reallocate funding approved for incremental operating costs for use in covering incremental capital costs during project implementation.

91. It was asked whether the balance of US \$113,089 was the only remaining balance. One member indicated that, while his delegation would probably have approved the reallocation of funding from incremental operating costs to incremental capital costs, UNIDO should have sought the approval of the Executive Committee before effecting the change. It was noted that incremental operating costs would be provided only on sales of R-290-based equipment in Article 5 countries, and assurance was sought that UNIDO would continue to report on those incremental operating costs. Concern was expressed at the duration of the requested extension, although there was understanding thereof, given the difficulties caused by the COVID-19 pandemic. More information was needed in order for the Executive Committee to be able to give guidance on whether the baseline charging machines needed to be destroyed or on the measures that would need to be otherwise implemented to deter their further use. It was also asked whether incremental operating costs had similarly been allocated to incremental capital costs during implementation of other projects approved under decision 78/3(g).

92. The representative of the Secretariat confirmed the remaining balance and explained that, ordinarily, key equipment used in the manufacturing process would be destroyed or rendered unusable upon completion of the project, in line with applicable decisions of the Executive Committee. It was unclear, however, whether that would apply to the charging machines and how UNIDO would ensure that the baseline charging machines were not used to manufacture HFC-based equipment on other unconverted lines. He also said the four projects approved under decision 78/3(g) for which a final report had been received had not reallocated funding for incremental operating costs to incremental capital costs.

93. Subsequently, the representative of the Secretariat reported that it had been agreed that the remaining balances of US \$113,089 would be disbursed exclusively for the incremental operating costs related to the manufacture of equipment. He said that there had been concern that other projects approved under decision 78/3(g) might find themselves in a situation similar to that of Jordan, but on the basis of the available data such a situation appeared to be very unlikely.

94. The representative of UNIDO explained that the HFC equipment had been manually charged at the facility. Accordingly, there were no baseline HFC charging machines to be destroyed or rendered unusable. One member indicated that the flexibility to allocate funding from incremental operating costs to incremental capital costs had not been intended for the stand-alone HFC investment projects approved under decision 78/3(g) and that UNIDO should have brought the issue to the attention of the Executive Committee before reallocating the funding.

95. The Executive Committee decided:

- (a) To note the progress report on the implementation of the project for the conversion from HFC to propane (R-290) at the facility manufacturing large commercial unitary roof-top air-conditioning units of up to 400 kW at Petra Engineering Industries Co., submitted by UNIDO and contained in document UNEP/OzL.Pro/ExCom/90/9;

- (b) To note also:
- (i) That the remaining balance of US \$113,089 would be disbursed exclusively for incremental operating costs related to the manufacture of large commercial unitary roof-top air-conditioning units based on R-290, in line with decisions 81/62(b)(iv) and 77/35;
 - (ii) That the enterprise would report, through UNIDO, separately and for each year, through the completion of the project, the annual sales of R-290-based large commercial unitary roof-top air-conditioning units in Article 5 countries and in non-Article 5 countries;
 - (iii) That incremental operating costs would be provided only on the basis of sales of R-290-based large commercial unitary roof-top air-conditioning units in Article 5 countries;
 - (iv) That UNIDO would submit, on behalf of the Government of Jordan, a final report on the project within six months of its completion, including updated information on the incremental operating costs incurred during the manufacture of R-290-based large commercial unitary roof-top air-conditioning units; and
- (c) To extend the date of completion of the project referred to in sub-paragraph (a) above to 31 July 2025.

(Decision 90/25)

Requests for extension of the completion dates of enabling activities for HFC phase-down

96. The representative of the Secretariat introduced the requests for the extension of the completion dates for enabling activities for HFC phase-down, as described in paragraphs 238 to 243 of document UNEP/OzL.Pro/ExCom/90/9.

97. The Executive Committee decided:

- (a) To note the updated information provided by UNEP in document UNEP/OzL.Pro/ExCom/90/9 on the status of implementation of enabling activities for HFC phase-down in 16 Article 5 countries and their requests for extension of the completion dates of the enabling activities;
- (b) To approve the requests for extension, on an exceptional basis, of the completion dates of enabling activities for HFC phase-down for the following countries, on the understanding that no further extension would be requested:
 - (i) Benin, Burundi, Chad, the Comoros, Côte d'Ivoire, the Democratic Republic of the Congo, Djibouti, Equatorial Guinea, Gabon, Guinea-Bissau, Madagascar, Mali, Mauritania and Sao Tome and Principe, to 31 December 2022, to allow for completion of the remaining activities relating to stakeholder consultations, policies and regulations relating to HFC phase-down and information outreach with national stakeholders on HFC phase-down;
 - (ii) Brunei Darussalam, to 30 June 2023, to allow for completion of stakeholder consultations, the development of regulations for the effective management of the trade and use of HFCs, awareness and information outreach on HFC phase-down

and the promotion of the energy-efficient use of refrigeration and air-conditioning equipment; and

- (iii) Pakistan, to 30 June 2023, to allow for completion of consultations related to the finalization of the country assessment report and the advanced draft of the Statutory Regulatory Order (regulation amendment), capacity-building workshops for industry representatives, including end users and the service sector, on HFC phase-down and low-global-warming-potential alternatives and awareness and outreach activities relating to HFC phase-down with a view to soliciting the support of various stakeholders.

(Decision 90/26)

Projects with specific reporting requirements pertaining to China

Report on progress in the implementation of activities listed in decision 83/41(e)

Study to determine the regulatory, enforcement, policy or market circumstances that might have led to the illegal production and use of CFC-11 and CFC-12 (decision 83/41(d))

Updated report on the production of CTC and its feedstock uses in China (decision 84/41(b) and (c))

98. The Chair recalled that the Executive Committee had agreed to defer, until the following in-person meeting, consideration of the three reports in document UNEP/OzL.Pro/ExCom/90/9/Add.1, namely, the report on progress in the implementation of activities listed in decision 83/41(e), the study to determine the regulatory, enforcement, policy or market circumstances that might have led to the illegal production and use of CFC-11 and CFC-12 (decision 83/41(d)) and the updated report on the production of CTC and its feedstock uses in China (decision 84/41(b) and (c)).

Report on the disbursement of incremental operating costs under the industrial and commercial refrigeration and air-conditioning sector plan under stage I of the HCFC phase-out management plan (decision 88/66(c)) (UNDP)

99. Information relating to the report on the disbursement of incremental operating costs under the industrial and commercial refrigeration and air-conditioning sector plan under stage I of the HPMP for China was contained in paragraphs 35 to 43 of document UNEP/OzL.Pro/ExCom/90/9/Add.1.

100. The representative of the Secretariat introduced the report, saying that, as at 31 December 2021, the total incremental operating costs disbursed amounted to US \$10,522,209, which was 84 per cent of the total. The remaining incremental operating costs related to those lines that had been converted to HFC-32.

101. In response to a query about production for domestic consumption and the share of the domestic market, the representative of UNDP explained that the uptake of the HFC-32 alternative technology in the domestic market had been difficult. This was mainly due to the late approval of the required standards in 2018 and the lack of availability of compressors. She said those issues had been resolved and that the enterprises had been able to manufacture equipment. Many of the conversion projects had been completed and only a small proportion of the incremental operating costs remaining to be disbursed. The domestic market in China, while still limited, was increasing and some of the companies had started to export to non-Article 5 countries; no related incremental operating costs had been disbursed. It was only a matter of time before the targets would be achieved.

102. One member sought clarification regarding the extension being requested for completion of the project and asked whether it would be until the end of 2022 or 2023. It was pointed out that the project had

already been extended once. The representative of the Secretariat clarified that the request at the 86th meeting had been for an extension of one year, from 2020 to 2021, and that financial completion would happen 12 months after operational completion. At the present meeting, an extension of the financial completion of stage I of the sector plan, until 31 December 2023, had been requested, but the Secretariat was of the view that an extension of the date for financial completion until 31 December 2022 would be appropriate.

103. It was pointed out that, while it was important to complete projects on time, the current system to disburse incremental operating costs on the basis of verification of production and sales was a good one and should be continued; it was important to ensure that the process was not rushed. To avoid any further extensions, it was agreed that the extension could be approved on the understanding that no further extensions would be approved and that any remaining funds would be returned to the Executive Committee once the project had been completed.

104. The Executive Committee decided:

- (a) To note the report on the disbursement of incremental operating costs under the industrial and commercial refrigeration and air-conditioning (ICR) sector plan under stage I of the HCFC phase-out management plan (HPMP) for China, submitted by UNDP on behalf of the Government of China, in line with decision 88/66(c) and contained in document UNEP/OzL.Pro/ExCom/90/9/Add.1;
- (b) To approve an extension of financial completion of stage I of the ICR sector plan for China to 31 December 2022 to allow for the disbursement of incremental operating costs, on the understanding that no further extension would be requested and that the ICR sector plan of stage I of the HPMP would be financially completed by 31 December 2022; and
- (c) To request the Government of China and UNDP to submit, at the 92nd meeting, a report on disbursement of funds for incremental operating costs under stage I of the ICR sector plan.

(Decision 90/27)

(b) 2022 consolidated project completion report

105. The Senior Monitoring and Evaluation Officer introduced document UNEP/OzL.Pro/ExCom/90/10 and informed the Executive Committee about the positive trend in the rate of submission of the PCRs, which had facilitated the closure of the recommendation made in that regard by OIOS in its audit of the Multilateral Fund. She noted that the 2022 consolidated report was based on the analysis of the PCRs submitted after the 88th meeting of the Executive Committee, up to 25 April 2022, and that the additional PCRs received after that deadline would be considered when preparing the consolidated report to be presented at the 91st meeting.

106. One member, thanking the Officer for the consolidated report, noted that it contained more analysis than previous reports and expressed satisfaction that the rate of PCR submission had improved significantly since 2018. With regard to the recommendation set out in sub-paragraph 65(d) of the report, he said that not all new projects necessarily generated lessons that could be turned in actionable recommendations. It would therefore make sense to soften the language of the recommendation and encourage, rather than request, bilateral and implementing agencies to ensure that relevant and useful information about the lessons learned was reported. Conversely, the language of sub-paragraph 65(g) could be strengthened by requesting, rather than inviting, the Senior Monitoring and Evaluation Officer to take action. Sub-paragraph 65(g)(ii) concerned a matter about which it was not yet necessary for the Executive Committee to make a decision. The member's preference was for the Committee to decide at its subsequent meeting in 2022 towards the end of the year, when there would be greater visibility with respect to the draft monitoring and evaluation work programme for 2023.

107. In response to a query from the member regarding consultations on possible changes to the PCR reporting format, the Senior Monitoring and Evaluation Officer clarified that the issue had been raised at the inter-agency coordination meeting held virtually on 31 March and 1 April 2022, but it had not yet been formally addressed in a consultation with stakeholders. Should she be requested to review the reporting format, bilateral and implementing agencies would be properly consulted. She recalled that the issue would be included in the draft monitoring and evaluation work programme to be presented at the 91st meeting of the Executive Committee.

108. The Executive Committee decided:

- (a) To note the 2022 consolidated project completion report (PCR) contained in document UNEP/OzL.Pro/ExCom/90/10;
- (b) To request bilateral and implementing agencies to submit, at the 91st meeting, outstanding PCRs for multi-year agreements (MYAs) and individual projects or to provide reasons for failing to do so;
- (c) To request lead and cooperating agencies to coordinate their work closely in finalizing their respective portions of PCRs to facilitate the timely submission of the reports by the lead implementing agency;
- (d) To encourage bilateral and implementing agencies, when filling in the data in PCR submissions, to ensure the inclusion of relevant and useful information about the lessons learned and the reasons for any delays, beyond anecdotal evidence, with a view to enabling the formulation of actionable recommendations for improvements in future project implementation or the replicability of good practices;
- (e) To invite all those involved in the preparation and implementation of MYAs and individual projects, in particular the Secretariat and the bilateral and implementing agencies, to take into consideration the lessons learned from PCRs, where applicable;
- (f) To request UNIDO to complete its update of the PCR for the refrigeration servicing sector in China in line with decision 88/30 and to note that the Senior Monitoring and Evaluation Officer would report on the matter at the 91st meeting;
- (g) To provide guidance to and request the Senior Monitoring and Evaluation Officer, in line with decision 89/1(b), to explore ways and means to collect better data, improve database accessibility and improve access to online information from MYA PCRs and individual PCRs, in the context of the revamped information strategy to be reviewed by the Secretariat, and to include such issues in the draft monitoring and evaluation work programme for 2023.

(Decision 90/28)

AGENDA ITEM 8: BUSINESS PLANNING

- (a) Update on the status of implementation of the 2022–2024 consolidated business plan of the Multilateral Fund**

109. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/90/11.

110. The Executive Committee decided to note:

- (a) The update on the status of implementation of the 2022–2024 consolidated business plan of the Multilateral Fund contained in document UNEP/OzL.Pro/ExCom/90/11;

- (b) That the total value of activities submitted to the 90th meeting amounted to US \$18,550,280 (including US \$2,872,500 for HFC-related activities), of which US \$1,043,745 was associated with project proposals not included in the 2022 business plan; and
- (c) With appreciation, the report provided by UNIDO on the outcome of its discussion with the Government of Iraq on the issues raised in the assessment of its qualitative performance, in line with decision 88/8(b).

(Decision 90/29)

(b) Tranche submission delays

111. The representative of the Secretariat introduced documents UNEP/OzL.Pro/ExCom/90/12 and Add.1.

112. The Executive Committee decided:

- (a) To note:
 - (i) The report on tranche submission delays contained in documents UNEP/OzL.Pro/ExCom/90/12 and Add.1;
 - (ii) The information on tranche submission delays under HCFC phase-out management plans (HPMPs) submitted by UNDP, UNEP, UNIDO and the World Bank;
 - (iii) That 17 out of 44 activities (13 out of 33 countries) related to tranches of HPMPs due for submission at the 90th meeting had been submitted on time;
 - (iv) That the relevant implementing agencies had indicated that the late submission of the tranches of HPMPs due for submission at the first meeting of 2022 would have no impact on Parties' compliance with the Montreal Protocol, and that there was no indication that any of the Parties concerned were in non-compliance with the Montreal Protocol control measures; and
- (b) To request the Secretariat to send letters to the relevant Governments regarding the decisions on tranche submission delays contained in Annex VII to the present report.

(Decision 90/30)

AGENDA ITEM 9: PROJECT PROPOSALS:

(a) Overview of issues identified during project review

113. The Chair drew attention to document UNEP/OzL.Pro/ExCom/90/13. He said that annex II of the document contained the list of projects for individual consideration that would be presented and considered individually under agenda item 9(d), Investment projects.

Continued use of the principles to be applied in respect of eligible incremental costs for HCFC phase-out projects in stage II of HCFC phase-out management plans (decision 74/50)

114. The representative of the Secretariat highlighted the issue as set out in paragraphs 19 to 22 of document UNEP/OzL.Pro/ExCom/90/13.

115. The Executive Committee decided to reaffirm that the principles of eligible incremental costs of HCFC phase-out projects for stage II of HCFC phase-out management plans established in decision 74/50 would continue to be applied in the future stages.

(Decision 90/31)

List of projects and activities submitted for blanket approval

116. The Executive Committee decided:

- (a) To approve the projects and activities submitted for blanket approval at the levels of funding indicated in Annex VIII to the present report, together with the conditions or provisions included in the corresponding project evaluation documents and the conditions attached to the projects by the Executive Committee; and
- (b) That, for projects related to renewal of institutional strengthening, blanket approval included approval of the observations to be communicated to recipient governments as contained in Annex IX to the present report.

(Decision 90/32)

Verification reports of low-volume-consuming countries' compliance with their HCFC phase-out management plan agreements

117. The Chair drew attention to the verification reports for 17 low-volume-consuming (LVC) countries in relation to their compliance with their HPMP agreements as listed in table 5 of document UNEP/OzL.Pro/ExCom/90/13.

118. The Executive Committee decided to request the relevant bilateral and implementing agencies to include in their amendments to work programmes, due for submission at the 91st meeting, funding in the amount of US \$30,000, plus agency support costs, for verification reports for stage II of the HPMPs for Bolivia (Plurinational State of), Brunei Darussalam, Cabo Verde, the Comoros, Costa Rica, Ecuador, El Salvador, Georgia, Guatemala, Jamaica, Malawi, Paraguay, Rwanda, Togo, Uganda, the United Republic of Tanzania and Zambia.

(Decision 90/33)

(b) Bilateral cooperation

119. The Chair introduced document UNEP/OzL.Pro/ExCom/90/14.

120. The Executive Committee decided to request the Treasurer to offset the costs of the bilateral projects approved at the 90th meeting in the amount of US \$721,388 (including agency support costs) against the balance of the bilateral contribution of the Government of Germany for 2021–2022.

(Decision 90/34)

(c) Work programmes

(i) Work programme of UNDP for 2022

121. The Chair drew attention to document UNEP/OzL.Pro/ExCom/90/15, which contained the work programme of UNDP for 2022. He explained that no further action was required in relation to the work

programme as all the requests had been included in, and approved as part of, the list of projects submitted for blanket approval under agenda item 9(a), Overview of issues identified during project review.

(ii) Work programme of UNEP for 2022

122. The Chair drew attention to document UNEP/OzL.Pro/ExCom/90/16, which contained the work programme of UNEP for 2022. He explained that no further action was required in relation to the work programme as all the requests had been included in, and approved as part of, the list of projects submitted for blanket approval under agenda item 9(a), Overview of issues identified during project review.

(iii) Work programme of UNIDO for 2022

123. The Chair drew attention to document UNEP/OzL.Pro/ExCom/90/17, which contained the work programme of UNIDO for 2022. He explained that no further action was required in relation to the work programme as all the requests had been included in, and approved as part of, the list of projects submitted for blanket approval under agenda item 9(a), Overview of issues identified during project review.

(d) Investment projects

New stages II/III of the HPMPs

Bahamas (the): HCFC phase-out management plan (stage II – first tranche) (UNEP and UNIDO)

124. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/90/19.

125. The Executive Committee decided:

- (a) To approve, in principle, stage II of the HCFC phase-out management plan (HPMP) for the Bahamas for the period 2022–2030 for the complete phase-out of HCFC consumption, in the amount of US \$659,395, consisting of US \$361,600, plus agency support costs of US \$47,008, for UNEP and US \$230,080, plus agency support costs of US \$20,707, for UNIDO, on the understanding that no more funding from the Multilateral Fund would be provided for the phase-out of HCFCs;
- (b) To note the commitment of the Government of the Bahamas:
 - (i) To phase out HCFCs completely by 1 January 2030 and to ban the import of HCFCs after that date, except for those allowed for a servicing tail between 2030 and 2040, where required, consistent with the provisions of the Montreal Protocol;
 - (ii) To ban the import of new and second-hand HCFC-based equipment from 1 January 2023;
- (c) To deduct 3.13 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding;
- (d) To approve the Agreement between the Government of the Bahamas and the Executive Committee for the reduction in consumption of HCFCs, in accordance with stage II of the HPMP, contained in Annex X to the present report;
- (e) That, to allow for consideration of the final tranche of its HPMP, the Government of the Bahamas should submit:
 - (i) A detailed description of the regulatory and policy framework in place to implement

measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the period 2030–2040;

- (ii) The expected annual HCFC consumption in the Bahamas for the period 2030–2040; and
- (f) To approve the first tranche of stage II of the HPMP for the Bahamas, and the corresponding tranche implementation plan, in the amount of US \$197,486, consisting of US \$81,200, plus agency support costs of US \$10,556, for UNEP and US \$97,000, plus agency support costs of US \$8,730, for UNIDO.

(Decision 90/35)

Benin: HCFC phase-out management plan (stage II – first tranche) (UNEP and UNIDO)

126. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/90/21.

127. The Executive Committee decided:

- (a) To approve, in principle, stage II of the HCFC phase-out management plan (HPMP) for Benin for the period 2022–2030 for the complete phase-out of HCFC consumption, in the amount of US \$1,289,900, consisting of US \$700,000, plus agency support costs of US \$87,000, for UNEP and US \$470,000, plus agency support costs of US \$32,900, for UNIDO, on the understanding that no more funding from the Multilateral Fund would be provided for the phase-out of HCFCs;
- (b) To note the commitment of the Government of Benin to phase out HCFCs completely by 1 January 2030 and that HCFCs would not be imported after that date, except for those allowed for a servicing tail between 2030 and 2040, where required, consistent with the provisions of the Montreal Protocol;
- (c) To deduct 15.47 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding;
- (d) To approve the Agreement between the Government of Benin and the Executive Committee for the reduction in consumption of HCFCs, in accordance with stage II of the HPMP, contained in Annex XI to the present report;
- (e) That, to allow for consideration of the final tranche of its HPMP, the Government of Benin should submit:
 - (i) A detailed description of the regulatory and policy framework in place to implement measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the period 2030–2040;
 - (ii) The expected annual HCFC consumption in Benin for the period 2030–2040; and
- (f) To approve the first tranche of stage II of the HPMP for Benin, and the corresponding tranche implementation plan, in the amount of US \$354,536, consisting of US \$125,000, plus agency support costs of US \$15,536, for UNEP and US \$200,000, plus agency support costs of US \$14,000, for UNIDO.

(Decision 90/36)

Chad: HCFC phase-out management plan (stage II – first tranche) (UNEP and UNIDO)

128. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/90/23.

129. When asked why the Government of Chad had opted to attempt to improve leakage rates through training and certification rather than through a control system, the representative of the Secretariat explained that the Government of Chad considered that it did not presently have the resources to implement a control-based system and was also of the view that the alternative approach was more cost-effective.

130. Similarly, in response to a request for clarification regarding the relatively late proposed date for a ban on the import of HCFC-based equipment, which was in 2029, she said that the Government was again concerned about the costs associated with establishing a control system. In addition, the Government recognized that the market was on a downturn and considered that it was not necessary to issue a ban any earlier. A representative of UNEP added that the Government of Chad was closely monitoring the trend in imports of HCFC-based equipment, that the country was currently in compliance and that, in his view, it would comply with its obligations given that it was following a country-driven approach. One member pointed out that the most important factor was the country's commitment to meeting its obligations with the total HCFC phase-out.

131. The member who had requested the clarifications regarding the ban date explained that he had no wish to block the project; rather, his query had stemmed from concern that, if ban dates applied by countries in a region varied widely, a country with more lenient rules might become subject to imports of used equipment.

132. The Executive Committee decided:

- (a) To approve, in principle, stage II of the HCFC phase-out management plan (HPMP) for Chad for the period 2022–2030 for the complete phase-out of HCFC consumption, in the amount of US \$1,148,360, consisting of US \$639,000, plus agency support costs of US \$80,290, for UNEP and US \$401,000, plus agency support costs of US \$28,070, for UNIDO, on the understanding that no more funding from the Multilateral Fund would be provided for the phase-out of HCFCs;
- (b) To note the commitment of the Government of Chad:
 - (i) To operationalize an online tool to allow information exchange between the national ozone unit and customs on the use of import quotas for HCFCs in real time as of 1 January 2025;
 - (ii) To establish a certification scheme for refrigeration and air-conditioning technicians and to adopt standards on the safe use of flammable and toxic refrigerants as of 1 January 2027;
 - (iii) To ban the import of HCFC-based equipment by 1 January 2029;
 - (iv) To phase out HCFCs completely by 1 January 2030 and to ban the import of HCFCs after that date, except for those allowed for a servicing tail between 2030 and 2040, where required, consistent with the provisions of the Montreal Protocol;
- (c) To deduct 10.47 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding;

- (d) To approve the Agreement between the Government of Chad and the Executive Committee for the reduction in consumption of HCFCs, in accordance with stage II of the HPMP, contained in Annex XII to the present report;
- (e) That, to allow for consideration of the final tranche of its HPMP, the Government of Chad should submit:
 - (i) A detailed description of the regulatory and policy framework in place to implement measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the period 2030–2040;
 - (ii) The expected annual HCFC consumption in Chad for the period 2030–2040; and
- (f) To approve the first tranche of stage II of the HPMP for Chad, and the corresponding tranche implementation plan, in the amount of US \$363,461, consisting of US \$128,500, plus agency support costs of US \$16,146, for UNEP and US \$204,500, plus agency support costs of US \$14,315, for UNIDO.

(Decision 90/37)

Grenada: HCFC phase-out management plan (stage II – first tranche) (UNEP)

133. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/90/27.
134. The Executive Committee decided:
- (a) To approve, in principle, stage II of the HCFC phase-out management plan (HPMP) for Grenada for the period 2022–2030 for the complete phase-out of HCFC consumption, in the amount of US \$420,535, consisting of US \$226,500, plus agency support costs of US \$29,445, for UNEP and US \$151,000, plus agency support costs of US \$13,590, for UNIDO, on the understanding that no more funding from the Multilateral Fund would be provided for the phase-out of HCFCs;
 - (b) To note the commitment of the Government of Grenada:
 - (i) To reduce HCFC consumption by 77 per cent of the country's baseline by 2025 and to phase out HCFCs completely by 1 January 2030, and that HCFCs would not be imported after that date, except for those allowed for a servicing tail between 2030 and 2040, where required, consistent with the provisions of the Montreal Protocol;
 - (ii) To ban the imports of HCFC-based equipment (both new and second-hand) by 1 January 2024;
 - (c) To deduct 0.38 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding;
 - (d) To approve the Agreement between the Government of Grenada and the Executive Committee for the reduction in consumption of HCFCs, in accordance with stage II of the HPMP, contained in Annex XIII to the present report;
 - (e) That, to allow for consideration of the final tranche of its HPMP, the Government of Grenada should submit:
 - (i) A detailed description of the regulatory and policy framework in place to implement

measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the period 2030–2040;

- (ii) The expected annual HCFC consumption in Grenada for the period 2030–2040; and
- (f) To approve the first tranche of stage II of the HPMP for Grenada, and the corresponding tranche implementation plan, in the amount of US \$191,920, consisting of US \$111,000, plus agency support costs of US \$14,430, for UNEP and US \$61,000, plus agency support costs of US \$5,490, for UNIDO.

(Decision 90/38)

Liberia: HCFC phase-out management plan (stage II – first tranche) (UNEP and UNIDO)

135. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/90/29.

136. The Executive Committee decided:

- (a) To approve, in principle, stage II of the HCFC phase-out management plan (HPMP) for Liberia for the period 2022–2030 for the complete phase-out of HCFC consumption, in the amount of US \$651,191, consisting of US \$338,512, plus agency support costs of US \$44,007, for UNEP and US \$246,488, plus agency support costs of US \$22,184, for UNIDO, on the understanding that no more funding from the Multilateral Fund would be provided for the phase-out of HCFCs;
- (b) To note the commitment of the Government of Liberia:
 - (i) To reduce HCFC consumption by 68 per cent of the country's baseline by 2022, 72 per cent by 2023 and 86 per cent by 2025 and to phase out HCFCs completely by 1 January 2030, and that HCFCs would not be imported after that date, except for those allowed for a servicing tail between 2030 and 2040 where required, consistent with the provisions of the Montreal Protocol;
 - (ii) To set up an online HCFC licensing and quota system by 1 January 2023;
 - (iii) To establish a mandatory certification scheme for refrigeration and air-conditioning technicians by 1 December 2023;
 - (iv) To ban the import of HCFC-based equipment by 1 January 2024;
- (c) To deduct 3.45 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding;
- (d) To approve the Agreement between the Government of Liberia and the Executive Committee for the reduction in consumption of HCFCs, in accordance with stage II of the HPMP, contained in Annex XIV to the present report;
- (e) That, to allow for consideration of the final tranche of its HPMP, the Government of Liberia should submit:
 - (i) A detailed description of the regulatory and policy framework in place to implement measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the period 2030–2040;

- (ii) The expected annual HCFC consumption in Liberia for the period 2030–2040; and
- (f) To approve the first tranche of stage II of the HPMP for Liberia, and the corresponding tranche implementation plan, in the amount of US \$278,879, consisting of US \$116,000, plus agency support costs of US \$15,080, for UNEP and US \$135,595, plus agency support costs of US \$12,204, for UNIDO.

(Decision 90/39)

Libya: HCFC phase-out management plan (stage II – first tranche) (UNIDO)

137. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/90/30.
138. The Executive Committee decided:
- (a) To note the submission of the progress report on the implementation of stage I of the HCFC phase-out management plan (HPMP) for Libya as requested in decision 82/75(c);
 - (b) To request UNIDO to submit the final progress report for stage I of the HPMP to the first meeting of the Committee in 2023;
 - (c) To approve, in principle, stage II of the HPMP for Libya for the period 2022–2027 to reduce HCFC consumption by 80.5 per cent of the country's baseline, in the amount of US \$2,170,268, plus agency support costs of US \$151,919, for UNIDO;
 - (d) To deduct the additional 31.90 ODP tonnes of HCFCs phased out during stage I and the 24.87 ODP tonnes of HCFCs associated with stage II from the remaining HCFC consumption eligible for funding;
 - (e) To approve the Agreement between the Government of Libya and the Executive Committee for the reduction in consumption of HCFCs, in accordance with stage II of the HPMP, contained in Annex XV to the present report;
 - (f) To allow the submission of a foam sector plan during the implementation of stage II of the HPMP prior to 1 January 2024 in order to phase out the remaining consumption in the foam manufacturing sector; and
 - (g) To approve the first tranche of stage II of the HPMP for Libya, and the corresponding tranche implementation plan, in the amount of US \$976,018, plus agency support costs of US \$68,321, for UNIDO.

(Decision 90/40)

Madagascar: HCFC phase-out management plan (stage II – first tranche) (UNEP and UNIDO)

139. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/90/31.
140. The Executive Committee decided:
- (a) To approve, in principle, stage II of the HCFC phase-out management plan (HPMP) for Madagascar for the period 2022–2030 for the complete phase-out of HCFC consumption, in the amount of US \$1,148,140, consisting of US \$633,500, plus agency support costs of US \$79,685, for UNEP and US \$406,500, plus agency support costs of US \$28,455, for UNIDO, on the understanding that no more funding from the Multilateral Fund would be

provided for the phase-out of HCFCs;

- (b) To note the commitment of the Government of Madagascar to phase out HCFCs completely by 1 January 2030, and that HCFCs would not be imported after that date, except for those allowed for a servicing tail between 2030 and 2040, where required, consistent with the provisions of the Montreal Protocol;
- (c) To deduct 11.10 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding;
- (d) To approve the Agreement between the Government of Madagascar and the Executive Committee for the reduction in consumption of HCFCs, in accordance with stage II of the HPMP, contained in Annex XVI to the present report, on the understanding that if the baseline data were revised, Appendix 2-A to the Agreement would be updated to include the revised figures for Montreal Protocol limits when the next tranche was submitted;
- (e) That, to allow for consideration of the final tranche of its HPMP, the Government of Madagascar should submit:
 - (i) A detailed description of the regulatory and policy framework in place to implement measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the period 2030–2040;
 - (ii) The expected annual HCFC consumption in Madagascar for the period 2030–2040; and
- (f) To approve the first tranche of stage II of the HPMP for Madagascar, and the corresponding tranche implementation plan, in the amount of US \$335,954, consisting of US \$120,000, plus agency support costs of US \$15,094, for UNEP and US \$187,720, plus agency support costs of US \$13,140, for UNIDO.

(Decision 90/41)

Niger (the): HCFC phase-out management plan (stage II – first tranche) (UNIDO and UNEP)

141. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/90/34.

142. The Executive Committee decided:

- (a) To approve, in principle, stage II of the HCFC phase-out management plan (HPMP) for the Niger for the period 2022–2030 for the complete phase-out of HCFC consumption, in the amount of US \$1,133,500, consisting of US \$695,000, plus agency support costs of US \$48,650, for UNIDO and US \$345,000, plus agency support costs of US \$44,850, for UNEP, on the understanding that no more funding from the Multilateral Fund would be provided for the phase-out of HCFCs;
- (b) To note the commitment of the Government of the Niger:
 - (i) To phase out HCFCs completely by 1 January 2030 and to ban the import of HCFCs by 1 January 2030, except for those allowed for a servicing tail between 2030 and 2040, where required, consistent with the provisions of the Montreal Protocol;
 - (ii) To ban the import of second-hand HCFC-based equipment by 1 January 2025 and new HCFC-based equipment by 1 January 2026;

- (iii) To establish by 1 January 2025 regulatory measures to control intended emissions of refrigerant during installation, servicing and decommissioning;
- (c) To deduct 10.38 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding;
- (d) To approve the Agreement between the Government of the Niger and the Executive Committee for the reduction in consumption of HCFCs, in accordance with stage II of the HPMP, contained in Annex XVII to the present report;
- (e) That, to allow for consideration of the final tranche of its HPMP, the Government of the Niger should submit:
 - (i) A detailed description of the regulatory and policy framework in place to implement measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the period 2030–2040;
 - (ii) The expected annual HCFC consumption in the Niger for the period 2030–2040; and
- (f) To approve the first tranche of stage II of the HPMP for the Niger, and the corresponding tranche implementation plan, in the amount of US \$382,585, consisting of US \$243,500, plus agency support costs of US \$17,045, for UNIDO and US \$108,000, plus agency support costs of US \$14,040, for UNEP.

(Decision 90/42)

Pakistan: HCFC phase-out management plan (stage III – first tranche) (UNEP and UNIDO)

143. The representative of the Secretariat introduced the information related to stage III of the HPMP for Pakistan contained in paragraphs 18 to 74 of document UNEP/OzL.Pro/ExCom/90/35.

144. One member queried the proposal to provide technical assistance to the air-conditioning manufacturing sector to ensure the uptake of low-global-warming-potential alternatives. Given that the enterprises that would benefit from the assistance had only recently converted from HCFC-22 to R-410A, and that Pakistan was not a party to the Kigali Amendment, he wondered whether it was an opportune moment to provide such assistance. He also sought clarification with regard to the issue of imports of HCFC-141b in pre-blended polyols and noted that, according to the CP data set out in table 3 of the document, the consumption of HCFC-141b in imported pre-blended polyols in Pakistan had been significant in 2020, but had not been reported in 2021. This suggested that there were issues with the data and raised concerns about the sustainability of conversions in the foam sector. Another member, echoing the request for information on HCFC-141b in imported pre-blended polyols, recalled decision 88/72(e), in which the Executive Committee had noted the commitment by the Government of Pakistan to establish monitoring mechanisms to ensure that converted foam manufacturing enterprises were no longer using HCFC-141b, either pure or contained in pre-blended polyols. She requested an update on the status of the mechanisms and asked whether they would be in place prior to 1 January 2024, which was the date by which the Government had pledged to impose a ban on the importation of HCFC-141b in pre-blended polyols.

145. The representative of the Secretariat responded that the Government of Pakistan was keen to encourage enterprises in the air-conditioning manufacturing sector to adopt low-global-warming-potential alternatives and was of the opinion that the provision of technical assistance was the right way to do so. The 2020 consumption figure for HCFC-141b had been recorded as part of a survey undertaken in preparation

for stage III of the HPMP. No data had been collected in 2021 owing to the continued lack of monitoring mechanisms. That did not necessarily mean, however, that the level of consumption had been zero.

146. The representative of UNIDO said that the establishment of monitoring mechanisms remained a high priority for the Government of Pakistan.

147. The Executive Committee agreed to hold informal discussions on the matter.

148. Subsequently, the Executive Committee decided:

- (a) To approve, in principle, stage III of the HCFC phase-out management plan (HPMP) for Pakistan for the period 2022 to 2030 for the complete phase-out of HCFC consumption, in the amount of US \$6,409,706, consisting of US \$3,864,083, plus agency support costs of US \$270,486, for UNIDO and US \$2,040,664, plus agency support costs of US \$234,473, for UNEP, on the understanding that no more funding would be provided from the Multilateral Fund for the phase-out of HCFCs;
- (b) To note the commitment of the Government of Pakistan:
 - (i) To phase out HCFCs completely by 1 January 2030, and that HCFCs would not be imported after that date, except for those allowed for a servicing tail between 2030 and 2040, where required, consistent with the provisions of the Montreal Protocol;
 - (ii) To ban the import of HCFC-141b in pre-blended polyols by 1 January 2024;
 - (iii) To ban the import of HCFC-based equipment by 1 January 2026;
 - (iv) To ban the use of HCFCs in manufacturing by 1 January 2026;
- (c) To deduct from the remaining HCFC consumption eligible for funding the additional 24.58 ODP tonnes of HCFCs phased out during stage II and the 56.99 ODP tonnes of HCFCs associated with stage III;
- (d) To approve the Agreement between the Government of Pakistan and the Executive Committee for the reduction in consumption of HCFCs, in accordance with stage III of the HPMP, contained in Annex XVIII to the present document;
- (e) That, to allow for consideration of the final tranche of its HPMP, the Government of Pakistan should submit:
 - (i) A detailed description of the regulatory and policy framework in place to implement measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the period 2030–2040;
 - (ii) Proposed modifications to its Agreement with the Executive Committee covering the period beyond 2030 in the event that Pakistan were intending to have consumption during the period 2030–2040, in line with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol;
- (f) To approve the first tranche of stage III of the HPMP for Pakistan, and the corresponding tranche implementation plans, in the amount of US \$2,047,489, consisting of US \$1,468,883, plus agency support costs of US \$102,822, for UNIDO and US \$426,750, plus agency support costs of US \$49,034, for UNEP;

- (g) To request:
- (i) The Government of Pakistan to report the country's imports of HCFC-141b contained in pre-blended polyols in its country programme data reporting from 2023, in line with decision 88/72(e);
 - (ii) The Government of Pakistan and UNIDO to continue monitoring and to report, on an annual basis:
 - a. Information on the status of imports of pre-blended polyols containing HCFC-141b until the ban on such imports was in place; and
 - b. An update on the progress of implementation of technical assistance for the foam sector.

(Decision 90/43)

Tranche requests under stage II of the HPMPs

Bangladesh: HCFC phase-out management plan (stage II – second tranche) (UNDP and UNEP)

149. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/90/20.

150. In response to a request for clarification of the administrative delays mentioned in paragraph 8 of the document in relation to activities in the refrigeration servicing sector for which the previous tranche had been provided, the representative of the Secretariat said that delays had been experienced by both the implementing agency and the Government of Bangladesh. UNEP had since provided updated information and a comprehensive action plan to address the delays.

151. One member expressed concern about the increasing consumption of HCFC-141b contained in imported pre-blended polyols and the high volume of imports of R-410A, which could jeopardize the conversion to R-290 and HFC-32 in the air-conditioning manufacturing sector that was being funded by the Multilateral Fund. The progress of the conversion would have to be tracked to ensure that the enterprises concerned did not use R-410A once the investment projects had been completed. The representative of the Secretariat explained that the Government of Bangladesh continued to monitor the imports of HCFC-141b contained in imported pre-blended polyols and was developing a mechanism to address those enterprises that had to convert to non-HCFC alternatives but were not eligible for funding from the Multilateral Fund. On the issue of the increasing use of R-410A, clarification was provided that there was little risk that current use of R-410A would have a negative impact on conversion to alternative technologies, as the alternatives were cheaper and provided equal or better energy-efficiency gains in the equipment. The present use was temporary, required to cope with market demand until all plant modifications for R-290 or HFC-32 had been completed.

152. In response to a request for clarification, the representative of UNDP explained that the enterprises in the foam manufacturing sector were ineligible for funding and that pre-blended polyols were imported because there had been a ban on pure HCFC-141b in the country since 2014. The Government of Bangladesh was committed to ensuring that those enterprises were assisted through continued consultations with importers and enterprises so as to identify feasible alternatives.

153. The Executive Committee decided:

- (a) To note the progress report on the implementation of the first tranche of stage II of the HCFC phase-out management plan (HPMP) for Bangladesh;

- (b) To approve the second tranche of stage II of the HPMP for Bangladesh, and the corresponding tranche implementation plan, in the amount of US \$2,142,405, plus agency support costs of US \$149,968, for UNDP, on the understanding that:
 - (i) The Treasurer would be requested to transfer the approved funds to UNDP only following receipt and review of the verification report by the Secretariat in line with decision 72/19(b);
 - (ii) UNDP committed to submitting the verification report by the end of June 2022 and no later than 12 weeks prior to the 91st meeting;
 - (iii) The recommendations included in the verification report would be addressed during the implementation of the second tranche of stage II of the HPMP and that the actions implemented towards the end of the tranche would be included in the progress report of the second tranche for stage II of the HPMP for Bangladesh to be submitted with the request for the third tranche;
 - (iv) In the event that the verification report confirmed that Bangladesh had not been in compliance with the Montreal Protocol and its Agreement with the Executive Committee, the Secretariat would inform the Executive Committee so that relevant actions, including application of the penalty clause, could be considered at the 91st meeting; and
- (c) To note that the Fund Secretariat had updated the Agreement between the Government of Bangladesh and the Executive Committee, as contained in Annex XIX to the present report, specifically, Appendix 2-A, on the basis of the revisions to the tranche schedule owing to implementation delays, and paragraph 17, which had been added to indicate that the updated Agreement superseded that reached at the 81st meeting.

(Decision 90/44)

Iran (Islamic Republic of): HCFC phase-out management plan (stage II – fourth tranche) (UNDP, UNEP, UNIDO, the Government of Germany and the Government of Italy)

- 154. The Executive Committee considered information in document UNEP/OzL.Pro/ExCom/90/28.
- 155. The Executive Committee decided:
 - (a) To note:
 - (i) The progress report on the implementation of the third tranche of stage II of the HCFC phase-out management plan (HPMP) for the Islamic Republic of Iran;
 - (ii) That US \$447,638, plus agency support cost of US \$31,335, for UNIDO, associated with the funding tranche for 2022, would be requested in 2023;
 - (b) To request UNIDO, UNDP and the Governments of Germany and Italy to submit, along with the request for the fifth tranche, a detailed report on the status of the conversion of each of the foam projects under stage II, including the financial viability, the current level of HCFC-141b consumption, the alternative technology selected, the total funding provided by the Multilateral Fund and the level of co-financing, as applicable, in line with decision 84/74(c);

- (c) To approve, on an exceptional basis, the extension of the duration of stage II of the HPMP for the Islamic Republic of Iran to 31 December 2025, given the implementation delays caused by the coronavirus disease pandemic, on the understanding that no further extension would be requested;
- (d) To note that the Fund Secretariat had updated the Agreement between the Government of the Islamic Republic of Iran and the Executive Committee, as contained in Annex XX to the present report, specifically, paragraph 1 and Appendix 2-A, on the basis of the postponement of the funding tranche for 2022 to 2023, as referred to in sub-paragraph (a)(ii) above and the extension of the duration of stage II, and paragraph 17, which had been added to indicate that the updated Agreement superseded that reached at the 77th meeting;
- (e) The fourth tranche of stage II of the HPMP for the Islamic Republic of Iran, and the 2022-2023 tranche implementation plan, in the amount of US \$1,162,745, consisting of US \$464,231, plus agency support costs of US \$32,496, for UNDP and US \$598,000, plus agency support costs of US \$68,018, for the Government of Germany.

(Decision 90/45)

Mexico: HCFC phase-out management plan (stage II – fourth tranche) (UNIDO, UNEP, the Government of Germany, the Government of Italy and the Government of Spain)

156. The Executive Committee considered the information contained in document UNEP/OzL.Pro/ExCom/90/32.

157. The Executive Committee decided:

- (a) To note the progress report on the implementation of the third tranche of stage II of the HCFC phase-out management plan (HPMP) for Mexico;
- (b) To approve, on an exceptional basis, the extension of the duration of stage II of the HPMP for Mexico to 31 December 2024, given the implementation delays caused by the coronavirus disease pandemic, on the understanding that no further extension would be requested;
- (c) To note that the Fund Secretariat had updated the Agreement between the Government of Mexico and the Executive Committee, as contained in Annex XXI to the present report, specifically, paragraph 1 and Appendix 2-A, to reflect the extension of duration of stage II of the HPMP and the reallocation of the fourth tranche from 2020 to 2022 and of the fifth tranche from 2022 to 2023, and paragraph 16, to indicate that the updated Agreement superseded that reached at the 79th meeting;
- (d) To approve the fourth tranche of stage II of the HPMP for Mexico, and the 2022–2024 tranche implementation plan, in the amount of US \$1,770,415, consisting of US \$1,612,350, plus agency support costs of US \$112,865, for UNIDO and US \$40,000, plus agency support costs of US \$5,200, for UNEP.

(Decision 90/46)

Pakistan: HCFC phase-out management plan (stage II – fourth tranche) (UNIDO)

158. The representative of the Secretariat introduced the information on stage II of the HPMP for Pakistan in paragraphs 1 to 17 of document UNEP/OzL.Pro/ExCom/90/35.

159. She presented the conversion project at the enterprise Dawlance, consideration of which had been deferred at the 88th meeting of the Executive Committee. UNIDO, on behalf of the Government of Pakistan, had requested that, instead converting to R-290, the enterprise could convert to HFC-32, inter alia because of concerns regarding market acceptance of R-290-based equipment in a country where R-410A was used predominantly and the lack of a regulation or standards that would address safety concerns and facilitate the sales of R-290-based equipment in the country.

160. As the enterprise had already received equipment to enable it to manufacture R-290 products, in addition to converting fully to the use of HFC-32 it would also continue production of R-290 equipment to demonstrate the feasibility of hydrocarbon technologies, including measures for safety and energy efficiency, to encourage future use of that alternative.

161. Some members expressed concern that the enterprise had already converted to R-410A and would subsequently be converting to HFC-32, which was technically an HFC conversion, and that Pakistan was not a Party to the Kigali Amendment. Given the current market saturation in relation to R-410A, concern was also expressed about the sustainability of the conversion to HFC-32.

162. Responding to a request for clarification, the representative of UNIDO explained that use of R-410A in Pakistan was due, in particular, to the need for energy-efficient equipment and to the ease with which current HCFC-22 production could be converted to R-410A. He also explained that the enterprise was committed to the change in technology to use HFC-32 and that 80 per cent of the conversion could be achieved by 2023 and 100 per cent by 2024.

163. The Executive Committee agreed that the discussion would continue informally.

164. Subsequently, the Executive Committee decided:

- (a) To note the progress report on the implementation of the project to convert the manufacturing of domestic air-conditioners from HCFC-22 to R-290 at the enterprise Dawlance, submitted by UNIDO in line with decision 88/72(c);
- (b) To note also the request, submitted by UNIDO on behalf of the Government of Pakistan, for a change of technology at the enterprise Dawlance from R-290 to HFC-32 and the commitment of the enterprise to convert 80 per cent of its production of air-conditioning equipment to HFC-32 by December 2023;
- (c) To approve:
 - (i) The request for the change of technology at the enterprise Dawlance from R-290 to HFC-32, at a total project cost of US \$1,276,340, plus agency support costs of US \$89,344 for UNIDO;
 - (ii) The fourth and final tranche of stage II of the HCFC phase-out management plan (HPMP) for Pakistan, and the 2022-2024 implementation plan, in the amount of US \$161,340, plus agency support costs of US \$11,293, for UNIDO;
- (d) To note that the enterprise Dawlance would not be eligible for further funding from the Multilateral Fund, and that any HFC consumption from the enterprise would be deducted from the country's starting point for HFC phase-down;
- (e) To note also that, as equipment to manufacture R-290-based air-conditioners had been provided to Dawlance with Multilateral Fund assistance, the enterprise could produce

R-290-based air-conditioners instead of HFC-32-based air-conditioners without any additional assistance;

- (f) To note further that the Fund Secretariat had updated the Agreement between the Government of Pakistan and the Executive Committee, as contained in Annex XXII to the present report, specifically, Appendix 2-A, on the basis of the adjusted allocation of funding for the UNIDO component of the fourth tranche referred to in sub-paragraph (c) above and paragraph 16, to indicate that the revised updated Agreement superseded that reached at the 88th meeting; and
- (g) To request the Government of Pakistan and UNIDO to submit progress reports on the implementation of the work programme associated with the third and fourth tranches on a yearly basis through the completion of the project and the project completion report to the first meeting of 2025.

(Decision 90/47)

AGENDA ITEM 10: REPORT ON THE REVIEW OF THE IMPLEMENTATION OF THE OPERATIONAL POLICY ON GENDER MAINSTREAMING FOR MULTILATERAL FUND-SUPPORTED PROJECTS (decision 84/92(e))

165. The representative of the Secretariat introduced document UNEP/OzL.Pro/ExCom/90/37.

166. Members observed that, despite the COVID-pandemic, the report demonstrated good progress in the implementation of the policy on gender mainstreaming by the implementing agencies in Article 5 countries. While there was overall agreement on the recommendations proposed by the Secretariat, one member, supported by others, noted the need for bilateral and implementing agencies to report on that progress in their annual progress reports to the Executive Committee. Using those reports, the Secretariat could extract the results achieved, which could be part of the corporate scorecard presently under development and could be reported at the corporate level. Another member observed that there was a lack of dedicated resources for full implementation of the gender mainstreaming policy. The additional capacity required was a challenge for bilateral and implementing agencies, and they were encouraged to identify and invest in gender specialists to support that implementation. It was pointed out that the issue of gender mainstreaming was a cross-cutting issue, and thus it should be addressed across projects funded under the Fund. She supported the development of key performance indicators to show impact as a response to the recommendations on gender equality stemming from both the assessment of the Multilateral Fund by the Multilateral Organisation Performance Assessment Network and the audit by OIOS.

167. Responding to a query about the possibility of funding activities related to gender mainstreaming in projects, the representative of the Secretariat clarified that such activities were already being implemented as part of the national plan of each country and that some countries identified specific activities for gender mainstreaming within their eligible funding for HPMPs.

168. Subsequently, the representative of the Secretariat reported on the informal discussions that had taken place and introduced a revised draft decision for the consideration of the Executive Committee.

169. One member, supported by several others, said that, although she supported the policy on gender mainstreaming, she was concerned at the request for the bilateral and implementing agencies to take into account the specific activities in table 2 of the document and to apply the gender indicators to their reporting. The work of applying and reporting on those indicators would fall to the national ozone units, and they could not fulfil such a request without additional financial assistance. She also said that some of the requests by countries for funding to integrate gender elements into HPMPs had not been approved as additional funding,

as the specific activities for gender mainstreaming identified by some countries had been funded within their eligible funding for HPMPs. She thus emphasized that additional resources would be necessary.

170. Other members noted that the imperative for additional resources had not been raised during the presentation of the report in plenary or during the approval of the gender mainstreaming policy, when it had been made clear that no additional funds would be provided for its implementation but rather within the eligible HPMPs' funding. Table 2 contained only an indicative list of activities to be undertaken, and bilateral and implementing entities had a great deal of experience with gender mainstreaming as they were already applying their own policies. It was not necessary for them to report on all the indicators in table 2; they could choose which ones they would use.

171. Following further informal discussions, the Executive Committee decided:

- (a) To note the report on the review of the implementation of the operational policy on gender mainstreaming for Multilateral Fund-supported projects contained in document UNEP/OzL.Pro/ExCom/90/37;
- (b) To note also that the gender mainstreaming checklist for projects and the list of gender indicators to facilitate reporting found in annexes II and IV, respectively, to document UNEP/OzL.Pro/ExCom/84/73, provided guidance to the bilateral and implementing agencies that they might take into account on a voluntary basis when implementing the operational gender mainstreaming policy of the Multilateral Fund;
- (c) To encourage bilateral and implementing agencies to continue ensuring that the operational gender mainstreaming policy of the Multilateral Fund was applied to all Montreal Protocol projects, taking into consideration the specific activities presented in table 2 of document UNEP/OzL.Pro/ExCom/90/37;
- (d) To request bilateral and implementing agencies to provide a brief report on key gender mainstreaming results achieved as part of their annual progress reports, as of 2023, on the basis of the information available to them;
- (e) To request the Secretariat:
 - (i) To develop, for consideration of the Executive Committee at its 92nd meeting, improved project requirements, including specific outputs and outcomes, and related key performance indicators for the systematic application of the operational gender mainstreaming policy of the Multilateral Fund;
 - (ii) To incorporate within the proposed Multilateral Fund scorecard, when developed, an overarching results statement on gender mainstreaming on the basis of the reports by the bilateral and implementing agencies requested in sub-paragraph (d) above; and
 - (iii) To further review and provide an update on the implementation of the gender mainstreaming policy of the Multilateral Fund for the consideration of the Executive Committee at its last meeting in 2024.

(Decision 90/48)

AGENDA ITEM 11: MATTERS RELATED TO THE KIGALI AMENDMENT TO THE MONTREAL PROTOCOL

172. The Chair recalled that the policy items for consideration under agenda item 11 had been brought forward from the 89th meeting of the Executive Committee.

173. The Executive Committee agreed to reconstitute the contact groups on the three items.

(a) Development of the cost guidelines for the phase-down of HFCs in Article 5 countries: Draft criteria for funding including consideration of operationalizing paragraph 24 of decision XXVIII/2

174. The Executive Committee had before it documents UNEP/OzL.Pro/ExCom/89/6, UNEP/OzL.Pro/ExCom/89/9 and UNEP/OzL.Pro/ExCom/89/10 and Add.1.

175. The convener of the contact group reported that the group had managed to reach agreement on the issue of disposal including an agreement to continue discussing other elements on disposal in the context of the HFC cost guidelines, but had not been able to conclude its work on the starting point for sustained aggregate reductions in HFC consumption and production, or the duration and level of incremental operating costs. In addition, while the group had not concluded its work on the issue of cost-effectiveness thresholds, it had made considerable progress, having agreed on an interim basis on cost-effectiveness thresholds of US \$9.00 per kg for the rigid PU foam sector, with special consideration for small and medium-sized enterprises; US \$13.76 per kg for the domestic refrigeration manufacturing sector; and on the use of a case-by-case approach for the flexible PU foam, integral skin, extruded polystyrene foam, aerosol, fire extinguishing, solvent, metered-dose inhalers, and mobile air-conditioning sectors. The group was still considering an appropriate cost-effectiveness threshold for domestic (stationary) air-conditioning manufacturing and commercial (stationary) air-conditioning manufacturing, and whether these two subsectors should be considered together or separately. Finally, there was a common understanding to exercise special consideration for small enterprises in commercial refrigeration manufacturing, but additional information on a definition of what constituted a “small enterprise” in the sector was required; in addition, the group had not yet agreed on a cost-effectiveness threshold for the sector. She proposed that consideration of the non-resolved issues should be deferred to the subsequent meeting of the Executive Committee and proceed on the basis of the working documents for the present meeting and the information that had been provided at the meeting by the Secretariat.

176. Subsequently, the Executive Committee agreed to pursue consideration of the non-resolved issues relating to the development of the cost guidelines for the phase-down of HFCs in Article 5 countries on the basis of inter alia the working documents on the cost-effectiveness thresholds and the starting point for sustained aggregate reductions in HFC consumption and production, contained in Annex XXIII and Annex XXIV, respectively, to the present report, at its 91st meeting.

177. The Executive Committee also decided:

- (a) To note the synthesis report describing best practices and ways for the Executive Committee to consider operationalizing paragraph 24 of decision XXVIII/2, contained in document UNEP/OzL.Pro/ExCom/89/9;
- (b) To provide flexibility for Article 5 countries to include, in the following plans, activities related to the environmentally sound management of used or unwanted controlled substances, including disposal, taking into account paragraphs 19 to 24 of document UNEP/OzL.Pro/ExCom/89/9 and lessons learned from previous ODS disposal projects, including in relation to the integration with hazardous waste rules and regulations:

- (i) Refrigeration servicing sector plans under HCFC phase-out management plans (HPMPs), on the understanding that proposals for undertaking such activities would be submitted to the Executive Committee, either as part of new stages of HPMPs or subsequent tranches of approved stages of HPMPs;
- (ii) Stage I of Kigali HFC implementation plans;
- (c) To request the Secretariat to develop, for consideration by the Executive Committee at its 91st meeting, criteria for a funding window to provide Article 5 countries with assistance to prepare an inventory of banks of used or unwanted controlled substances and to develop a plan for the collection, transport and disposal (including consideration of recycling, reclamation and cost-effective destruction) of such substances; and
- (d) To continue its deliberations on operationalizing paragraph 24 of decision XXVIII/2 of the Twenty-Eighth Meeting of the Parties, including implementation of sub-paragraph (c) above, in the context of the discussion of the cost guidelines for the phase-down of HFCs in Article 5 countries.

(Decision 90/49)

(b) Analysis of the level and modalities of funding for HFC phase-down in the refrigeration servicing sector

178. The Executive Committee had before it documents UNEP/OzL.Pro/ExCom/89/8 and Add.1.

179. The convener of the contact group reported that the group had considered a number of examples prepared by the Secretariat to illustrate the impact of a graduated approach to funding levels for different groups of non-LVC countries compared with a flat rate. She reported that following informal consultations during the contact group, members had shown an openness to the approach, and a new proposal had been put forward regarding financing for non-LVC countries. The group had previously heard suggestions that there should be a flat rate of US \$3.20 or US \$7.00 per kg for all non-LVC countries; the new proposal had been to adopt a graduated approach, but with the lowest cost-effectiveness figure being US \$5.00 per kg; another proposal had been to create a new group of non-LVC countries at the low end of the range that would be eligible for additional funding. There had also been a counter proposal of a flat rate of US \$3.50 per kg. While the proposals had demonstrated participants' openness to consider different options, their views remained some way apart in terms of the specific numbers. Lastly, a new proposal for LVC countries had been put forward by non-Article 5 countries. Consequently, there had been three different proposals on the table for LVC countries, including one based on tonnes CO₂ equivalent instead of metric tonnes, but the group had not had time to discuss them. Despite the substantial progress made, the group had been unable to conclude its work. She therefore proposed that the matter be taken up at the following meeting.

180. The Executive Committee agreed to pursue consideration of the analysis of the level and modalities of funding for HFC phase-down in the refrigeration servicing sector at its 91st meeting.

(c) Report identifying options, including the relevant procedures and conditions, for mobilizing financial resources for maintaining and/or enhancing energy efficiency when replacing HFCs with low-global-warming-potential alternatives

181. The Executive Committee had before it document UNEP/OzL.Pro/ExCom/89/12.

182. Following the deliberations in the contact group, the Executive Committee decided:

(a) To note:

- (i) The report identifying options, including the relevant procedures and conditions, for mobilizing financial resources to maintain and/or enhance energy efficiency when replacing HFCs with low-global-warming-potential alternatives (decision 87/51) contained in document UNEP/OzL.Pro/ExCom/89/12;
- (ii) With appreciation the participation of the funding and financial institutions that had provided information to the Secretariat as part of its data collection exercise for the report identified in sub-paragraph (a)(i), above;

(b) To request the Secretariat:

- (i) To develop, for consideration by the Executive Committee at its 91st meeting, criteria for pilot projects to maintain and/or enhance energy efficiency of replacement technologies and equipment in the context of the HFC phase-down;
- (ii) To prepare, for consideration by the Executive Committee at its 91st meeting, an operational framework to further elaborate on institutional aspects and projects and activities that could be undertaken by the Multilateral Fund for maintaining and/or enhancing the energy efficiency of replacement technologies and equipment in the manufacturing and servicing sector when phasing down HFCs in the categories set out in document UNEP/OzL.Pro/ExCom/89/12 in the context of implementing options 1 and 2 in table 3 of the document, taking into consideration the comments made by the Executive Committee during its 89th and 90th meetings; and
- (iii) To continue its consultations with the secretariats of the Global Environment Facility and the Green Climate Fund and other relevant funding institutions on opportunities for sharing information on policies, projects and relevant funding modalities relating to maintaining and/or enhancing energy efficiency while phasing down HFCs, and to report back to the Executive Committee at its 91st meeting.

(Decision 90/50)

AGENDA ITEM 12: DRAFT REPORT OF THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL TO THE THIRTY-FOURTH MEETING OF THE PARTIES

183. The Chief Officer introduced document UNEP/OzL.Pro/ExCom/90/38, which contained a draft report on the work undertaken by the Executive Committee since the Thirty-Third Meeting of the Parties. In addition to a description of the discussions and decisions by the Executive Committee, the report included a thorough overview of all the discussions on matters related to the Kigali Amendment since 2016, including the development of HFC cost guidelines, as requested in decision XXVIII/2.

184. The Executive Committee agreed to authorize the Secretariat to finalize the report of the Executive Committee to the Thirty-Fourth Meeting of the Parties to the Montreal Protocol in the light of the discussions held and the decisions taken at the 89th and 90th meetings, and to submit it to the Ozone Secretariat following clearance by the Chair of the Executive Committee.

AGENDA ITEM 13: REPORT OF THE SUB-GROUP ON THE PRODUCTION SECTOR

185. The facilitator of the Sub-group on the Production Sector, reporting on the work of the Sub-group, said that it had met twice on the margins of the present meeting and had considered all the items on its agenda. It had agreed that it would defer further consideration of the draft HCFC production sector guidelines to a future meeting, and it had not been able to complete its discussion of the draft guidelines and the standard format used for the verification of ODS production phase-out, although one of the members of the Sub-group had begun working on a possible revision to the draft guidelines and the standard format. The Sub-group had, however, been able to agree on a recommendation related to the review of the approach used by the Government of China to report on production of HCFC-133a and CFC-113a under Article 7 of the Montreal Protocol.

186. Subsequently, the Chair introduced the report of the Sub-group on the Production Sector contained in document UNEP/OzL.Pro/ExCom/90/39 for consideration by the Executive Committee.

Review of the approach used by China to report production of HCFC-133a and CFC-113a under Article 7 of the Montreal Protocol (decision 87/57(e)(ii))

187. The Executive Committee decided:

- (a) To note the review of the approach used by the Government of China to report production of HCFC-133a and CFC-113a under Article 7 of the Montreal Protocol (decision 87/51(e)(ii)); and
- (b) To further note that the Government of China had informed the Executive Committee that, as of 2020, the country would report under Article 7 of the Montreal Protocol production of HCFC-133a and CFC-113a consistent with the verification reports submitted under the country's HCFC production phase-out management plan and with the Government's more rigorous approach to the reporting of data on those substances.

(Decision 90/51)

Draft guidelines and the standard format used for the verification of ODS production phase out (decision 88/80)

188. The Executive Committee decided to defer consideration of the draft guidelines and the standard format used for the verification of ODS production phase out to a future meeting of the Executive Committee.

(Decision 90/52)

Draft HCFC production sector guidelines (decision 88/81)

189. The Executive Committee decided to defer consideration of the draft HCFC production sector guidelines to a future meeting of the Executive Committee.

(Decision 90/53)

AGENDA ITEM 14: OTHER MATTERS

Dates and venues of the 91st, 92nd and 93rd meetings of the Executive Committee

190. The representative of the Secretariat introduced documents UNEP/OzL.Pro/ExCom/90/Inf.2 and Corr.1.

191. Several members expressed a general preference for meetings held back to back with Meetings of the Parties in order to simplify travel arrangements.

192. In the case of the 91st meeting, several members noted that the proposed back-to-back meeting dates overlapped with the dates of the twenty-seventh session of the Conference of the Parties to the United Nations Framework Convention on Climate Change, scheduled to take place from 7 to 18 November 2022. Another member added that, under the back-to-back meeting scenario, the 91st meeting would be held several weeks earlier than originally planned, leading to a very tight project submission deadline for the implementing agencies. Several other members also noted that the ICAO venue was not available for those dates, which they said was an important consideration.

193. For the 92nd meeting, several members again noted potential overlap with other international environmental meetings to be held in May 2023. There was also a general preference to avoid the dates of the Formula 1 Canadian Grand Prix given the associated difficulties with hotel arrangements.

194. With respect to the dates of the 93rd meeting, one member observed that the key aspect to be decided was whether to hold the meeting back to back with the Thirty-Fifth Meeting of the Parties, as the date of the latter could change if a Party made an offer to host the meeting. He added that, as 2023 was a replenishment year, a meeting of the Executive Meeting held back to back with the Thirty-Fifth Meeting of the Parties should take place the week before the Meeting of the Parties.

195. The Executive Committee decided to hold:

- (a) The 91st meeting in Montreal, Canada, at the International Civil Aviation Organization (ICAO), from 5 to 9 December 2022, instead of from 28 November to 2 December 2022 as decided in decision 87/60(c);
- (b) The 92nd meeting from 12 to 16 June 2023, in Montreal, Canada, at ICAO; and
- (c) The 93rd meeting back to back with the Thirty-Fifth Meeting of the Parties to the Montreal Protocol, at a venue to be determined.

(Decision 90/54)

AGENDA ITEM 15: ADOPTION OF THE REPORT

196. The Executive Committee adopted the present report on the basis of the draft report contained in document UNEP/OzL.Pro/ExCom/90/L.1.

AGENDA ITEM 16: CLOSURE OF THE MEETING

Retirement of Ms. Bothena Sayah Bendahmane, Senior Administrative and Fund Management Officer

197. The Chief Officer drew attention to the upcoming retirement of Ms. Bothena Sayah Bendahmane, Senior Administrative and Fund Management Officer, who would be retiring after 30 years with the United Nations, including 20 years with the Fund Secretariat. She thanked Ms. Bendahmane for her many years of

service, describing her as a point of reference in the office who represented the institutional memory of the Secretariat; she would remain a valuable resource person. The Chair and many of the members of the Committee joined the Chief Officer in thanking Ms. Bendahmane, expressing their appreciation for her longstanding dedication to facilitating their work and conveying their best wishes for her retirement.

198. Thanking the Chief Officer, the Chair and the Committee members for their warm comments, Ms. Bendahmane said that, like all the Secretariat staff, her primary aim had always been to ensure that the Executive Committee succeeded in its work.

199. Following the customary exchange of courtesies, the meeting was closed at 6.15 p.m. on Thursday, 23 June 2022.

TABLE 1 : STATUS OF THE FUND FROM 1991-2022 (IN US DOLLARS)

As at 20/06/2022

***Including the return in cash from the halon and process agent II sector plans for China by the World Bank to the 87th meeting in the amount of US\$8,723,002 which is yet to be refunded by the World Bank.

TRUST FUND FOR THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL

TABLE 2 : 1991 - 2022 SUMMARY STATUS OF CONTRIBUTIONS AND OTHER INCOME (US\$)

BALANCE AVAILABLE FOR NEW ALLOCATIONS

As at 20/06/2022

| Description | 1991-1993 | 1994-1996 | 1997-1999 | 2000-2002 | 2003-2005 | 2006-2008 | 2009-2011 | 2012-2014 | 2015-2017 | 2018-2020 | 2021-2023 | 1991-2023 |
|--|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------------|
| Pledged contributions | 235,029,241 | 424,841,347 | 472,567,009 | 440,000,001 | 474,000,001 | 368,028,480 | 399,640,706 | 396,815,725 | 436,198,530 | 496,650,157 | 217,294,949 | 4,361,066,147 |
| Cash payments/received | 206,611,034 | 381,594,829 | 418,966,144 | 406,691,769 | 421,323,976 | 339,225,803 | 376,678,075 | 379,922,493 | 418,531,677 | 478,517,357 | 210,677,621 | 4,038,740,778 |
| Bilateral assistance | 4,366,255 | 11,870,240 | 20,836,903 | 22,591,302 | 44,246,306 | 19,671,519 | 14,151,636 | 11,412,900 | 14,168,565 | 13,681,572 | 5,955,400 | 182,952,599 |
| Promissory notes | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total payments | 210,977,289 | 393,465,069 | 439,803,048 | 429,283,071 | 465,570,282 | 358,897,322 | 390,829,712 | 391,335,393 | 432,700,242 | 492,198,929 | 216,633,021 | 4,221,693,377 |
| Disputed contributions | 0 | 8,098,267 | 0 | 0 | 0 | 32,471,642 | 405,792 | 3,477,910 | 1,301,470 | 3,349,841 | 80,762 | 49,185,684 |
| Outstanding pledges | 24,051,952 | 31,376,278 | 32,763,961 | 10,716,930 | 8,429,719 | 9,131,159 | 8,810,995 | 5,480,332 | 3,498,288 | 4,451,228 | 661,929 | 139,372,770 |
| Payments %age to pledges | 89.77% | 92.61% | 93.07% | 97.56% | 98.22% | 97.52% | 97.80% | 98.62% | 99.20% | 99.10% | 99.70% | 96.80% |
| | | | | | | | | | | | | |
| Interest earned | 5,323,644 | 28,525,733 | 44,685,516 | 53,946,601 | 19,374,449 | 43,537,814 | 10,544,631 | 6,615,053 | 8,836,637 | 21,661,539 | 961,789 | 244,013,405 |
| | | | | | | | | | | | | 8,745,165 |
| Miscellaneous income | 1,442,103 | 1,297,366 | 1,223,598 | 1,125,282 | 1,386,177 | 3,377,184 | 3,547,653 | 5,804,410 | 1,782,834 | 854,973 | | 21,841,581 |
| | | | | | | | | | | | | |
| TOTAL INCOME | 217,743,036 | 423,288,168 | 485,712,161 | 484,354,955 | 486,330,908 | 405,812,320 | 404,921,996 | 403,754,856 | 443,319,713 | 514,715,440 | 217,594,810 | 4,496,293,528 |
| | | | | | | | | | | | | |
| Accumulated figures | 1991-1993 | 1994-1996 | 1997-1999 | 2000-2002 | 2003-2005 | 2006-2008 | 2009-2011 | 2012-2014 | 2015-2017 | 2018-2020 | 2021-2023 | 1991-2023 |
| Total pledges | 235,029,241 | 424,841,347 | 472,567,009 | 440,000,001 | 474,000,001 | 368,028,480 | 399,640,706 | 396,815,725 | 436,198,530 | 496,650,157 | 217,294,949 | 4,361,066,147 |
| Total payments | 210,977,289 | 393,465,069 | 439,803,048 | 429,283,071 | 465,570,282 | 358,897,322 | 390,829,712 | 391,335,393 | 432,700,242 | 492,198,929 | 216,633,021 | 4,221,693,377 |
| Payments %age to pledges | 89.77% | 92.61% | 93.07% | 97.56% | 98.22% | 97.52% | 97.80% | 98.62% | 99.20% | 99.10% | 99.70% | 96.80% |
| Total income | 217,743,036 | 423,288,168 | 485,712,161 | 484,354,955 | 486,330,908 | 405,812,320 | 404,921,996 | 403,754,856 | 443,319,713 | 514,715,440 | 217,594,810 | 4,496,293,528 |
| Total outstanding contributions | 24,051,952 | 31,376,278 | 32,763,961 | 10,716,930 | 8,429,719 | 9,131,159 | 8,810,995 | 5,480,332 | 3,498,288 | 4,451,228 | | 139,372,770 |
| As % to total pledges | 10.23% | 7.39% | 6.93% | 2.44% | 1.78% | 2.48% | 2.20% | 1.38% | 0.80% | 0.90% | | 3.20% |
| Outstanding contributions for certain Countries with Economies in Transition (CEITs) | 24,051,952 | 31,376,278 | 32,763,961 | 9,811,798 | 7,511,984 | 5,940,206 | 6,211,155 | 5,000,737 | 3,120,371 | 3,659,668 | | 129,448,111 |
| CEITs' outstandings %age to pledges | 10.23% | 7.39% | 6.93% | 2.23% | 1.58% | 1.61% | 1.55% | 1.26% | 0.72% | 0.74% | | 2.97% |

PS: CEITs are Azerbaijan, Belarus, Bulgaria, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland, Russian Federation, Slovakia, Slovenia, Tajikistan, Ukraine and Uzbekistan, including Turkmenistan up to 2004 as per decision XVI/39.

TRUST FUND FOR THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL

TABLE 3 : 1991-2022 Summary Status of Contributions (US\$)

As at 20/06/2022

| Party | Agreed Contributions | Cash Payments | Bilateral Assistance | Promissory Notes | Outstanding Contributions | Exchange (Gain)/Loss. NB:Negative amount = Gain |
|---------------------------|----------------------|----------------------|----------------------|------------------|---------------------------|--|
| Andorra | 179,655 | 179,655 | 0 | 0 | 0 | 0 |
| Australia* | 105,553,569 | 103,521,398 | 2,032,171 | 0 | 0 | 3,744,079 |
| Austria | 45,850,051 | 45,326,428 | 523,623 | 0 | 0 | 292,517 |
| Azerbaijan | 1,666,395 | 311,683 | 0 | 0 | 1,354,712 | 0 |
| Belarus | 3,976,655 | 827,349 | 0 | 0 | 3,149,306 | 0 |
| Belgium | 57,567,900 | 57,567,900 | 0 | 0 | 0 | 2,307,848 |
| Bulgaria | 2,182,143 | 2,182,143 | 0 | 0 | 0 | 0 |
| Canada* | 163,571,670 | 152,769,488 | 10,802,182 | 0 | 0 | -396,250 |
| Croatia | 1,941,988 | 1,941,988 | 0 | 0 | 0 | 158,056 |
| Cyprus | 1,630,585 | 1,630,585 | 0 | 0 | 0 | 55,419 |
| Czech Republic | 16,519,475 | 16,242,542 | 276,933 | 0 | 0 | 726,085 |
| Denmark | 39,714,311 | 39,553,258 | 161,053 | 0 | 0 | 61,023 |
| Estonia | 1,161,531 | 1,161,531 | 0 | 0 | 0 | 55,232 |
| Finland | 29,864,254 | 29,541,951 | 322,303 | 0 | 0 | -67,132 |
| France | 330,349,386 | 313,686,044 | 16,663,342 | 0 | 0 | -5,055,719 |
| Germany | 470,767,494 | 390,052,376 | 80,417,263 | 0 | 297,855 | 7,029,524 |
| Greece | 26,432,727 | 26,432,727 | 0 | 0 | 0 | -1,340,447 |
| Holy See | 18,666 | 18,666 | 0 | 0 | 0 | 0 |
| Hungary | 10,435,565 | 10,389,071 | 46,494 | 0 | 0 | -76,259 |
| Iceland | 1,659,567 | 1,659,567 | 0 | 0 | 0 | 51,218 |
| Ireland | 18,844,538 | 18,844,538 | 0 | 0 | 0 | 927,058 |
| Israel | 19,179,221 | 3,824,671 | 70,453 | 0 | 15,284,097 | 0 |
| Italy | 259,781,140 | 240,711,569 | 19,069,571 | 0 | 0 | 7,500,611 |
| Japan | 776,030,950 | 756,472,161 | 19,558,792 | 0 | -3 | 0 |
| Kazakhstan | 2,306,516 | 2,306,516 | 0 | 0 | 0 | 0 |
| Kuwait | 286,549 | 286,549 | 0 | 0 | 0 | 0 |
| Latvia | 1,610,465 | 1,610,465 | 0 | 0 | 0 | -2,483 |
| Liechtenstein | 427,333 | 427,333 | 0 | 0 | 0 | 0 |
| Lithuania | 2,435,727 | 1,942,758 | 0 | 0 | 492,968 | 0 |
| Luxembourg | 4,101,985 | 4,101,985 | 0 | 0 | 0 | 15,647 |
| Malta | 485,539 | 332,205 | 0 | 0 | 153,334 | 15,485 |
| Monaco | 351,239 | 351,239 | 0 | 0 | 0 | -572 |
| Netherlands | 95,200,618 | 95,200,617 | 0 | 0 | 0 | 0 |
| New Zealand | 13,734,400 | 13,734,399 | 0 | 0 | 0 | 511,866 |
| Norway | 41,511,646 | 41,511,645 | 0 | 0 | 0 | 2,020,927 |
| Panama | 16,915 | 16,915 | 0 | 0 | 0 | 0 |
| Poland | 28,245,045 | 28,132,045 | 113,000 | 0 | 0 | 1,129,253 |
| Portugal | 22,451,172 | 22,403,430 | 47,743 | 0 | -1 | 198,973 |
| Romania | 4,549,697 | 4,549,688 | 0 | 0 | 10 | 0 |
| Russian Federation | 152,876,735 | 44,411,441 | 666,676 | 0 | 107,798,619 | 6,576,265 |
| San Marino | 67,731 | 67,731 | 0 | 0 | 0 | 3,429 |
| Singapore | 531,221 | 459,245 | 71,976 | 0 | 0 | 0 |
| Slovak Republic | 6,242,926 | 6,226,403 | 16,523 | 0 | 0 | 207,776 |
| Slovenia | 3,392,875 | 3,392,875 | 0 | 0 | 0 | 0 |
| South Africa | 3,793,691 | 3,763,691 | 30,000 | 0 | 0 | 0 |
| Spain | 143,611,658 | 137,168,906 | 6,442,752 | 0 | 0 | 2,921,016 |
| Sweden | 58,631,224 | 57,056,896 | 1,574,328 | 0 | 0 | 846,359 |
| Switzerland | 66,114,168 | 64,200,938 | 1,913,230 | 0 | 1 | -1,847,293 |
| Tajikistan | 164,899 | 49,086 | 0 | 0 | 115813 | 0 |
| Turkmenistan** | 293,245 | 5,764 | 0 | 0 | 287481 | 0 |
| Ukraine | 11,040,359 | 1,303,750 | 0 | 0 | 9736609 | 0 |
| United Arab Emirates | 559,639 | 559,639 | 0 | 0 | 0 | 0 |
| United Kingdom | 300,184,381 | 299,619,381 | 565,000 | 0 | 0 | 1,577,170 |
| United States of America | 1,009,902,538 | 988,335,348 | 21,567,191 | 0 | -1 | 0 |
| Uzbekistan | 1,064,574 | 362,606 | 0 | 0 | 701,968 | 0 |
| SUB-TOTAL | 4,361,066,147 | 4,038,740,778 | 182,952,599 | 0 | 139,372,772 | 30,146,683 |
| Disputed Contributions*** | 49,185,684 | 0 | 0 | 0 | 0 | 49,185,684 |
| TOTAL | 4,410,251,831 | 4,038,740,778 | 182,952,599 | 0 | 188,558,457 | |

NB: (*) The bilateral assistance recorded for Australia and Canada was adjusted following approvals at the 39th meeting and taking into consideration a reconciliation carried out by the Secretariat through the progress reports submitted to the 40th meeting to read US \$1,208,219 and US \$6,449,438 instead of US \$1,300,088 and US \$6,414,880 respectively.

(**) In accordance with decisions VI/5 and XVI/39 of the meeting of the Parties to the Montreal Protocol, Turkmenistan has been reclassified as operating under Article 5 in 2004 and therefore its contribution of US \$5,764 for 2005 should be disregarded.

(***) Amount netted off from outstanding contributions and are shown here for records only.

TRUST FUND FOR THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL

TABLE 4 : Status of Contributions for 2021-2023 (US\$)

As at 20/06/2022

| Party | Agreed Contributions | Cash Payments | Bilateral Assistance | Promissory Notes | Outstanding Contributions |
|---------------------------|----------------------|--------------------|----------------------|------------------|---------------------------|
| Andorra | 15,167 | 15,167 | 0 | | 0 |
| Australia | 11,560,471 | 11,560,471 | 0 | | 0 |
| Austria | 1,405,000 | 1,013,167 | 391,833 | | 0 |
| Azerbaijan | 0 | 0 | 0 | | 0 |
| Belarus | 141,667 | 141,667 | 0 | | 0 |
| Belgium | 2,386,851 | 2,386,851 | 0 | | 0 |
| Bulgaria | 113,333 | 113,333 | 0 | | 0 |
| Canada | 7,719,966 | 7,719,966 | 0 | | 0 |
| Croatia | 264,833 | 264,833 | 0 | | 0 |
| Cyprus | 228,057 | 228,057 | 0 | | 0 |
| Czech Republic | 1,734,000 | 1,734,000 | 0 | | 0 |
| Denmark | 3,084,250 | 3,084,250 | 0 | | 0 |
| Estonia | 156,541 | 156,541 | 0 | | 0 |
| Finland | 1,237,478 | 1,237,478 | 0 | | 0 |
| France | 13,294,871 | 12,613,808 | 681,063 | | 0 |
| Germany | 24,892,803 | 19,914,242 | 4,316,632 | | 661,929 |
| Greece | 0 | 0 | 0 | | 0 |
| Holy See | 0 | 0 | 0 | | 0 |
| Hungary | 811,334 | 811,334 | 0 | | 0 |
| Iceland | 0 | 0 | 0 | | 0 |
| Ireland | 1,826,908 | 1,826,908 | 0 | | 0 |
| Israel | 0 | 0 | 0 | | 0 |
| Italy | 10,409,613 | 10,144,773 | 264,840 | | 0 |
| Japan | 17,424,142 | 17,123,110 | 301,032 | | 0 |
| Kazakhstan | 0 | 0 | 0 | | 0 |
| Latvia | 273,634 | 273,634 | 0 | | 0 |
| Liechtenstein | 0 | 0 | 0 | | 0 |
| Lithuania | 378,264 | 378,264 | 0 | | 0 |
| Luxembourg | 180,668 | 180,668 | 0 | | 0 |
| Malta | 0 | 0 | 0 | | 0 |
| Monaco | 0 | 0 | 0 | | 0 |
| Netherlands | 7,469,666 | 7,469,666 | 0 | | 0 |
| New Zealand | 667,819 | 667,819 | 0 | | 0 |
| Norway | 3,940,304 | 3,940,304 | 0 | | 0 |
| Poland | 2,119,500 | 2,119,500 | 0 | | 0 |
| Portugal | 1,085,648 | 1,085,648 | 0 | | 0 |
| Romania | 445,228 | 445,228 | 0 | | 0 |
| Russian Federation | 1,500,000 | 1,500,000 | 0 | | 0 |
| San Marino | 0 | 0 | 0 | | 0 |
| Slovak Republic | 855,523 | 855,523 | 0 | | 0 |
| Slovenia | 220,598 | 220,598 | 0 | | 0 |
| Spain | 6,660,209 | 6,660,209 | 0 | | 0 |
| Sweden | 2,499,427 | 2,499,427 | 0 | | 0 |
| Switzerland | 4,241,436 | 4,241,436 | 0 | | 0 |
| Tajikistan | 0 | 0 | 0 | | 0 |
| Ukraine | 0 | 0 | 0 | | 0 |
| United Kingdom | 11,247,500 | 11,247,500 | 0 | | 0 |
| United States of America | 74,744,240 | 74,744,240 | 0 | | 0 |
| Uzbekistan | 58,000 | 58,000 | 0 | | 0 |
| TOTAL | 217,294,949 | 210,677,621 | 5,955,400 | 0 | 661,929 |
| Disputed Contributions(*) | 80,762 | 0 | 0 | 0 | 80,762 |
| TOTAL | 217,375,711 | 210,677,621 | 5,955,400 | 0 | 742,691 |

(*) Additional amount on disputed contributions from the United States of America.

| | | | | | |
|-------|-----------|-----------|---|---|---|
| CEITs | 8,088,759 | 8,088,759 | 0 | 0 | 0 |
|-------|-----------|-----------|---|---|---|

TRUST FUND FOR THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL

TABLE 5 : Status of Contributions for 2022 (US\$)

As at 20/06/2022

| Party | Agreed Contributions | Cash Payments | Bilateral Assistance | Promissory Notes | Outstanding Contributions |
|---------------------------|----------------------|-------------------|----------------------|------------------|---------------------------|
| Andorra | | | | | 0 |
| Australia | 5,632,567 | 5,632,567 | | | 0 |
| Austria | | | | | 0 |
| Azerbaijan | | | | | 0 |
| Belarus | | | | | 0 |
| Belgium | | | | | 0 |
| Bulgaria | | | | | 0 |
| Canada | | | | | 0 |
| Croatia | | | | | 0 |
| Cyprus | 108,508 | 108,508 | | | 0 |
| Czech Republic | 867,000 | 867,000 | | | 0 |
| Denmark | 1,542,125 | 1,542,125 | | | 0 |
| Estonia | | | | | 0 |
| Finland | | | | | 0 |
| France | | | | | 0 |
| Germany | | | | | 0 |
| Greece | | | | | 0 |
| Holy See | | | | | 0 |
| Hungary | 405,667 | 405,667 | | | 0 |
| Iceland | | | | | 0 |
| Ireland | 876,908 | 876,908 | | | 0 |
| Israel | | | | | 0 |
| Italy | | | | | 0 |
| Japan | | | | | 0 |
| Kazakhstan | | | | | 0 |
| Latvia | 131,822 | 131,822 | | | 0 |
| Liechtenstein | | | | | 0 |
| Lithuania | 180,027 | 180,027 | | | 0 |
| Luxembourg | | | | | 0 |
| Malta | | | | | 0 |
| Monaco | | | | | 0 |
| Netherlands | 3,734,833 | 3,734,833 | | | 0 |
| New Zealand | | | | | 0 |
| Norway | 1,853,431 | 1,853,431 | | | 0 |
| Poland | | | | | 0 |
| Portugal | | | | | 0 |
| Romania | | | | | 0 |
| Russian Federation | | | | | 0 |
| San Marino | | | | | 0 |
| Slovak Republic | 404,489 | 404,489 | | | 0 |
| Slovenia | | | | | 0 |
| Spain | | | | | 0 |
| Sweden | | | | | 0 |
| Switzerland | | | | | 0 |
| Tajikistan | | | | | 0 |
| Ukraine | | | | | 0 |
| United Kingdom | | | | | 0 |
| United States of America | 37,916,049 | 37,916,049 | | | 0 |
| Uzbekistan | | | | | 0 |
| TOTAL | 53,653,425 | 53,653,425 | 0 | 0 | 0 |
| Disputed Contributions(*) | | | | | |
| TOTAL | 53,653,425 | 53,653,425 | 0 | 0 | 0 |

(*) Additional amount on disputed contributions from United States of America.

| | | | | | |
|-------|-----------|-----------|---|---|---|
| CEITs | 1,857,183 | 1,857,183 | 0 | 0 | 0 |
|-------|-----------|-----------|---|---|---|

TRUST FUND FOR THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL

TABLE 6 : Status of Contributions for 2021 (US\$)

As at 20/06/2022

| Party | Agreed Contributions | Cash Payments | Bilateral Assistance | Promissory Notes | Outstanding Contributions |
|---------------------------|----------------------|--------------------|----------------------|------------------|---------------------------|
| Andorra | 15,167 | 15,167 | | | 0 |
| Australia | 5,927,905 | 5,927,905 | | | 0 |
| Austria | 1,405,000 | 1,013,167 | 391,833 | | 0 |
| Azerbaijan | | | | | 0 |
| Belarus | 141,667 | 141,667 | | | 0 |
| Belgium | 2,386,851 | 2,386,851 | | | 0 |
| Bulgaria | 113,333 | 113,333 | | | 0 |
| Canada | 7,719,966 | 7,719,966 | | | 0 |
| Croatia | 264,833 | 264,833 | | | 0 |
| Cyprus | 119,549 | 119,549 | | | 0 |
| Czech Republic | 867,000 | 867,000 | | | 0 |
| Denmark | 1,542,125 | 1,542,125 | | | 0 |
| Estonia | 156,541 | 156,541 | | | 0 |
| Finland | 1,237,478 | 1,237,478 | | | 0 |
| France | 13,294,871 | 12,613,808 | 681,063 | | 0 |
| Germany | 24,892,803 | 19,914,242 | 4,316,632 | | 661,929 |
| Greece | | | | | 0 |
| Holy See | | | | | 0 |
| Hungary | 405,667 | 405,667 | | | 0 |
| Iceland | | | | | 0 |
| Ireland | 950,000 | 950,000 | | | 0 |
| Israel | | | | | 0 |
| Italy | 10,409,613 | 10,144,773 | 264,840 | | 0 |
| Japan | 17,424,142 | 17,123,110 | 301,032 | | 0 |
| Kazakhstan | | | | | 0 |
| Latvia | 141,813 | 141,813 | | | 0 |
| Liechtenstein | | | | | 0 |
| Lithuania | 198,237 | 198,237 | | | 0 |
| Luxembourg | 180,668 | 180,668 | | | 0 |
| Malta | | | | | 0 |
| Monaco | | | | | 0 |
| Netherlands | 3,734,833 | 3,734,833 | | | 0 |
| New Zealand | 667,819 | 667,819 | | | 0 |
| Norway | 2,086,873 | 2,086,873 | | | 0 |
| Poland | 2,119,500 | 2,119,500 | | | 0 |
| Portugal | 1,085,648 | 1,085,648 | | | 0 |
| Romania | 445,228 | 445,228 | | | 0 |
| Russian Federation | 1,500,000 | 1,500,000 | | | 0 |
| San Marino | | | | | 0 |
| Slovak Republic | 451,034 | 451,034 | | | 0 |
| Slovenia | 220,598 | 220,598 | | | 0 |
| Spain | 6,660,209 | 6,660,209 | | | 0 |
| Sweden | 2,499,427 | 2,499,427 | | | 0 |
| Switzerland | 4,241,436 | 4,241,436 | | | 0 |
| Tajikistan | | | | | 0 |
| Ukraine | | | | | 0 |
| United Kingdom | 11,247,500 | 11,247,500 | | | 0 |
| United States of America | 36,828,191 | 36,828,191 | | | 0 |
| Uzbekistan | 58,000 | 58,000 | | | 0 |
| TOTAL | 163,641,524 | 157,024,196 | 5,955,400 | 0 | 661,929 |
| Disputed Contributions(*) | 80,762 | | | | 80,762 |
| TOTAL | 163,722,286 | 157,024,196 | 5,955,400 | 0 | 742,691 |

(*) Additional amount on disputed contributions from the United States of America.

| | | | | | |
|-------|-----------|-----------|---|---|---|
| CEITs | 6,231,577 | 6,231,577 | 0 | 0 | 0 |
|-------|-----------|-----------|---|---|---|

TRUST FUND FOR THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL

TABLE 7 : Status of Contributions for 2018-2020 (US\$)

As at 20/06/2022

| Party | Agreed Contributions | Cash Payments | Bilateral Assistance | Promissory Notes | Outstanding Contributions |
|---------------------------|----------------------|--------------------|----------------------|------------------|---------------------------|
| Andorra | 45,501 | 45,501 | 0 | 0 | 0 |
| Australia | 17,669,001 | 17,247,737 | 421,264 | 0 | 0 |
| Austria | 5,443,500 | 5,443,500 | 0 | 0 | 0 |
| Azerbaijan | 453,501 | 0 | 0 | 0 | 453,501 |
| Belarus | 423,501 | 359,334 | 0 | 0 | 64,167 |
| Belgium | 6,690,999 | 6,690,999 | 0 | 0 | 0 |
| Bulgaria | 339,999 | 339,999 | 0 | 0 | 0 |
| Canada | 22,083,999 | 21,029,237 | 1,054,762 | 0 | 0 |
| Croatia | 748,500 | 748,500 | 0 | 0 | 0 |
| Cyprus | 324,999 | 324,999 | 0 | 0 | 0 |
| Czech Republic | 2,601,000 | 2,601,000 | 0 | 0 | 0 |
| Denmark | 4,415,499 | 4,415,499 | 0 | 0 | 0 |
| Estonia | 287,499 | 287,499 | 0 | 0 | 0 |
| Finland | 3,447,501 | 3,447,501 | 0 | 0 | 0 |
| France | 36,736,500 | 36,596,945 | 139,555 | 0 | 0 |
| Germany | 48,303,999 | 38,948,149 | 9,660,801 | 0 | -304,951 |
| Greece | 3,561,000 | 3,561,000 | 0 | 0 | 0 |
| Holy See | 7,500 | 7,500 | 0 | 0 | 0 |
| Hungary | 1,217,001 | 1,217,001 | 0 | 0 | 0 |
| Iceland | 174,000 | 174,000 | 0 | 0 | 0 |
| Ireland | 2,532,999 | 2,532,999 | 0 | 0 | 0 |
| Israel | 3,251,001 | 0 | 0 | 0 | 3,251,001 |
| Italy | 28,336,500 | 27,399,738 | 936,762 | 0 | 0 |
| Japan | 71,890,118 | 71,614,421 | 275,697 | 0 | 0 |
| Kazakhstan | 1,443,999 | 1,443,999 | 0 | 0 | 0 |
| Latvia | 378,000 | 378,000 | 0 | 0 | 0 |
| Liechtenstein | 53,001 | 53,001 | 0 | 0 | 0 |
| Lithuania | 544,500 | 544,500 | 0 | 0 | 0 |
| Luxembourg | 483,999 | 483,999 | 0 | 0 | 0 |
| Malta | 120,999 | 0 | 0 | 0 | 120,999 |
| Monaco | 75,501 | 75,501 | 0 | 0 | 0 |
| Netherlands | 11,204,499 | 11,204,499 | 0 | 0 | 0 |
| New Zealand | 2,025,999 | 2,025,999 | 0 | 0 | 0 |
| Norway | 6,419,001 | 6,419,001 | 0 | 0 | 0 |
| Poland | 6,358,500 | 6,358,500 | 0 | 0 | 0 |
| Portugal | 2,963,499 | 2,963,499 | 0 | 0 | 0 |
| Romania | 1,391,001 | 1,390,991 | 0 | 0 | 10 |
| Russian Federation | 23,346,999 | 23,346,999 | 0 | 0 | 0 |
| San Marino | 22,500 | 22,500 | 0 | 0 | 0 |
| Slovak Republic | 1,209,501 | 1,209,501 | 0 | 0 | 0 |
| Slovenia | 635,001 | 635,001 | 0 | 0 | 0 |
| Spain | 18,470,499 | 17,277,768 | 1,192,731 | 0 | 0 |
| Sweden | 7,227,999 | 7,227,999 | 0 | 0 | 0 |
| Switzerland | 8,619,000 | 8,619,000 | 0 | 0 | 0 |
| Tajikistan | 30,000 | 0 | 0 | 0 | 30,000 |
| Ukraine | 778,500 | 0 | 0 | 0 | 778,500 |
| United Kingdom | 33,742,500 | 33,742,500 | 0 | 0 | 0 |
| United States of America | 107,945,543 | 107,945,543 | 0 | 0 | 0 |
| Uzbekistan | 174,000 | 116,000 | 0 | 0 | 58,000 |
| TOTAL | 496,650,157 | 478,517,357 | 13,681,572 | 0 | 4,451,228 |
| Disputed Contributions(*) | 3,349,841 | 0 | 0 | 0 | 3,349,841 |
| TOTAL | 499,999,998 | 478,517,357 | 13,681,572 | 0 | 7,801,069 |

*Additional amount on disputed contribution relates to Japan (US \$1,295,383) and the United States of America (US \$1,256,416).

| | | | | | |
|-------|------------|------------|---|---|-----------|
| CEITs | 39,843,501 | 36,183,833 | 0 | 0 | 3,659,668 |
|-------|------------|------------|---|---|-----------|

TRUST FUND FOR THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL

TABLE 8 : Status of Contributions for 2020 (US\$)

As at 20/06/2022

| Party | Agreed Contributions | Cash Payments | Bilateral Assistance | Promissory Notes | Outstanding Contributions |
|---------------------------|----------------------|--------------------|----------------------|------------------|---------------------------|
| Andorra | 15,167 | 15,167 | | | 0 |
| Australia | 5,889,667 | 5,468,403 | 421,264 | | 0 |
| Austria | 1,814,500 | 1,814,500 | | | 0 |
| Azerbaijan | 151,167 | | | | 151,167 |
| Belarus | 141,167 | 141,167 | | | 0 |
| Belgium | 2,230,333 | 2,230,333 | | | 0 |
| Bulgaria | 113,333 | 113,333 | | | 0 |
| Canada | 7,361,333 | 6,936,571 | 424,762 | | 0 |
| Croatia | 249,500 | 249,500 | | | 0 |
| Cyprus | 108,333 | 108,333 | | | 0 |
| Czech Republic | 867,000 | 867,000 | | | 0 |
| Denmark | 1,471,833 | 1,471,833 | | | 0 |
| Estonia | 95,833 | 95,833 | | | 0 |
| Finland | 1,149,167 | 1,149,167 | | | 0 |
| France | 12,245,500 | 12,218,945 | 26,555 | | 0 |
| Germany | 16,101,333 | 12,913,708 | 3,187,625 | | 0 |
| Greece | 1,187,000 | 1,187,000 | | | 0 |
| Holy See | 2,500 | 2,500 | | | 0 |
| Hungary | 405,667 | 405,667 | | | 0 |
| Iceland | 58,000 | 58,000 | | | 0 |
| Ireland | 844,333 | 844,333 | | | 0 |
| Israel | 1,083,667 | | | | 1,083,667 |
| Italy | 9,445,500 | 9,445,500 | | | 0 |
| Japan | 24,395,167 | 24,395,167 | | | 0 |
| Kazakhstan | 481,333 | 481,333 | | | 0 |
| Latvia | 126,000 | 126,000 | | | 0 |
| Liechtenstein | 17,667 | 17,667 | | | 0 |
| Lithuania | 181,500 | 181,500 | | | 0 |
| Luxembourg | 161,333 | 161,333 | | | 0 |
| Malta | 40,333 | | | | 40,333 |
| Monaco | 25,167 | 25,167 | | | 0 |
| Netherlands | 3,734,833 | 3,734,833 | | | 0 |
| New Zealand | 675,333 | 675,333 | | | 0 |
| Norway | 2,139,667 | 2,139,667 | | | 0 |
| Poland | 2,119,500 | 2,119,500 | | | 0 |
| Portugal | 987,833 | 987,833 | | | 0 |
| Romania | 463,667 | 463,667 | | | 0 |
| Russian Federation | 7,782,333 | 7,782,333 | | | 0 |
| San Marino | 7,500 | 7,500 | | | 0 |
| Slovak Republic | 403,167 | 403,167 | | | 0 |
| Slovenia | 211,667 | 211,667 | | | 0 |
| Spain | 6,156,833 | 6,156,833 | | | 0 |
| Sweden | 2,409,333 | 2,409,333 | | | 0 |
| Switzerland | 2,873,000 | 2,873,000 | | | 0 |
| Tajikistan | 10,000 | | | | 10,000 |
| Ukraine | 259,500 | | | | 259,500 |
| United Kingdom | 11,247,500 | 11,247,500 | | | 0 |
| United States of America | 35,855,381 | 35,855,381 | | | 0 |
| Uzbekistan | 58,000 | 58,000 | | | 0 |
| TOTAL | 165,855,380 | 160,250,507 | 4,060,206 | 0 | 1,544,668 |
| Disputed Contributions(*) | 811,286 | | | | 811,286 |
| TOTAL | 166,666,666 | 160,250,507 | 4,060,206 | 0 | 2,355,954 |

(*) Additional amount on disputed contributions relating to the United States of America.

| | | | | | |
|-------|------------|------------|---|---|-----------|
| CEITs | 13,281,167 | 12,102,000 | 0 | 0 | 1,179,167 |
|-------|------------|------------|---|---|-----------|

TRUST FUND FOR THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL

TABLE 9 : Status of Contributions for 2019 (US\$)

As at 20/06/2022

| Party | Agreed Contributions | Cash Payments | Bilateral Assistance | Promissory Notes | Outstanding Contributions |
|---------------------------|----------------------|--------------------|----------------------|------------------|---------------------------|
| Andorra | 15,167 | 15,167 | | | 0 |
| Australia | 5,889,667 | 5,889,667 | | | 0 |
| Austria | 1,814,500 | 1,814,500 | | | 0 |
| Azerbaijan | 151,167 | | | | 151,167 |
| Belarus | 141,167 | 141,167 | | | 0 |
| Belgium | 2,230,333 | 2,230,333 | | | 0 |
| Bulgaria | 113,333 | 113,333 | | | 0 |
| Canada | 7,361,333 | 7,031,333 | 330,000 | | 0 |
| Croatia | 249,500 | 249,500 | | | 0 |
| Cyprus | 108,333 | 108,333 | | | 0 |
| Czech Republic | 867,000 | 867,000 | | | 0 |
| Denmark | 1,471,833 | 1,471,833 | | | 0 |
| Estonia | 95,833 | 95,833 | | | 0 |
| Finland | 1,149,167 | 1,149,167 | | | 0 |
| France | 12,245,500 | 12,245,500 | | | 0 |
| Germany | 16,101,333 | 15,005,907 | 1,400,376 | | -304,950 |
| Greece | 1,187,000 | 1,187,000 | | | 0 |
| Holy See | 2,500 | 2,500 | | | 0 |
| Hungary | 405,667 | 405,667 | | | 0 |
| Iceland | 58,000 | 58,000 | | | 0 |
| Ireland | 844,333 | 844,333 | | | 0 |
| Israel | 1,083,667 | | | | 1,083,667 |
| Italy | 9,445,500 | 8,880,500 | 565,000 | | 0 |
| Japan | 24,395,167 | 24,209,870 | 185,297 | | 0 |
| Kazakhstan | 481,333 | 481,333 | | | 0 |
| Latvia | 126,000 | 126,000 | | | 0 |
| Liechtenstein | 17,667 | 17,667 | | | 0 |
| Lithuania | 181,500 | 181,500 | | | 0 |
| Luxembourg | 161,333 | 161,333 | | | 0 |
| Malta | 40,333 | | | | 40,333 |
| Monaco | 25,167 | 25,167 | | | 0 |
| Netherlands | 3,734,833 | 3,734,833 | | | 0 |
| New Zealand | 675,333 | 675,333 | | | 0 |
| Norway | 2,139,667 | 2,139,667 | | | 0 |
| Poland | 2,119,500 | 2,119,500 | | | 0 |
| Portugal | 987,833 | 987,833 | | | 0 |
| Romania | 463,667 | 463,657 | | | 10 |
| Russian Federation | 7,782,333 | 7,782,333 | | | 0 |
| San Marino | 7,500 | 7,500 | | | 0 |
| Slovak Republic | 403,167 | 403,167 | | | 0 |
| Slovenia | 211,667 | 211,667 | | | 0 |
| Spain | 6,156,833 | 6,156,833 | | | 0 |
| Sweden | 2,409,333 | 2,409,333 | | | 0 |
| Switzerland | 2,873,000 | 2,873,000 | | | 0 |
| Tajikistan | 10,000 | | | | 10,000 |
| Ukraine | 259,500 | | | | 259,500 |
| United Kingdom | 11,247,500 | 11,247,500 | | | 0 |
| United States of America | 35,614,904 | 35,614,904 | | | 0 |
| Uzbekistan | 58,000 | 58,000 | | | 0 |
| TOTAL | 165,614,903 | 161,894,503 | 2,480,673 | 0 | 1,239,727 |
| Disputed Contributions(*) | 1,051,763 | | | | 1,051,763 |
| TOTAL | 166,666,666 | 161,894,503 | 2,480,673 | 0 | 2,291,490 |
| CEITs | 13,281,167 | 12,102,000 | 0 | 0 | 1,179,167 |

(*) Additional amount on disputed contributions relating to the United States of America.

TRUST FUND FOR THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL

TABLE 10 : Status of Contributions for 2018 (US\$)

As at 20/06/2022

| Party | Agreed Contributions | Cash Payments | Bilateral Assistance | Promissory Notes | Outstanding Contributions |
|---------------------------|----------------------|--------------------|----------------------|------------------|---------------------------|
| Andorra | 15,167 | 15,167 | | | 0 |
| Australia | 5,889,667 | 5,889,667 | | | 0 |
| Austria | 1,814,500 | 1,814,500 | | | 0 |
| Azerbaijan | 151,167 | | | | 151,167 |
| Belarus | 141,167 | 77,000 | | | 64,167 |
| Belgium | 2,230,333 | 2,230,333 | | | 0 |
| Bulgaria | 113,333 | 113,333 | | | 0 |
| Canada | 7,361,333 | 7,061,333 | 300,000 | | 0 |
| Croatia | 249,500 | 249,500 | | | 0 |
| Cyprus | 108,333 | 108,333 | | | 0 |
| Czech Republic | 867,000 | 867,000 | | | 0 |
| Denmark | 1,471,833 | 1,471,833 | | | 0 |
| Estonia | 95,833 | 95,833 | | | 0 |
| Finland | 1,149,167 | 1,149,167 | | | 0 |
| France | 12,245,500 | 12,132,500 | 113,000 | | 0 |
| Germany | 16,101,333 | 11,028,533 | 5,072,800 | | 0 |
| Greece | 1,187,000 | 1,187,000 | | | 0 |
| Holy See | 2,500 | 2,500 | | | 0 |
| Hungary | 405,667 | 405,667 | | | 0 |
| Iceland | 58,000 | 58,000 | | | 0 |
| Ireland | 844,333 | 844,333 | | | 0 |
| Israel | 1,083,667 | | | | 1,083,667 |
| Italy | 9,445,500 | 9,073,738 | 371,762 | | 0 |
| Japan | 23,099,784 | 23,009,384 | 90,400 | | 0 |
| Kazakhstan | 481,333 | 481,333 | | | 0 |
| Latvia | 126,000 | 126,000 | | | 0 |
| Liechtenstein | 17,667 | 17,667 | | | 0 |
| Lithuania | 181,500 | 181,500 | | | 0 |
| Luxembourg | 161,333 | 161,333 | | | 0 |
| Malta | 40,333 | | | | 40,333 |
| Monaco | 25,167 | 25,167 | | | 0 |
| Netherlands | 3,734,833 | 3,734,833 | | | 0 |
| New Zealand | 675,333 | 675,333 | | | 0 |
| Norway | 2,139,667 | 2,139,667 | | | 0 |
| Poland | 2,119,500 | 2,119,500 | | | 0 |
| Portugal | 987,833 | 987,833 | | | 0 |
| Romania | 463,667 | 463,667 | | | 0 |
| Russian Federation | 7,782,333 | 7,782,333 | | | 0 |
| San Marino | 7,500 | 7,500 | | | 0 |
| Slovak Republic | 403,167 | 403,167 | | | 0 |
| Slovenia | 211,667 | 211,667 | | | 0 |
| Spain | 6,156,833 | 4,964,102 | 1,192,731 | | 0 |
| Sweden | 2,409,333 | 2,409,333 | | | 0 |
| Switzerland | 2,873,000 | 2,873,000 | | | 0 |
| Tajikistan | 10,000 | | | | 10,000 |
| Ukraine | 259,500 | | | | 259,500 |
| United Kingdom | 11,247,500 | 11,247,500 | | | 0 |
| United States of America | 36,475,258 | 36,475,258 | | | 0 |
| Uzbekistan | 58,000 | | | | 58,000 |
| TOTAL | 165,179,874 | 156,372,347 | 7,140,693 | 0 | 1,666,835 |
| Disputed Contributions(*) | 1,486,792 | | | | 1,486,792 |
| TOTAL | 166,666,666 | 156,372,347 | 7,140,693 | 0 | 3,153,627 |

*Additional amount on disputed contribution relating to Japan (US \$1,295,383) and United States of America (US \$191,409).

| | | | | | |
|-------|------------|------------|---|---|-----------|
| CEITs | 13,281,167 | 11,979,833 | 0 | 0 | 1,301,334 |
|-------|------------|------------|---|---|-----------|

TRUST FUND FOR THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL

TABLE 11 : Status of Contributions for 2015-2017 (US\$)

As at 20/06/2022

| Party | Agreed Contributions | Cash Payments | Bilateral Assistance | Promissory Notes | Outstanding Contributions |
|---------------------------|----------------------|--------------------|----------------------|------------------|---------------------------|
| Andorra | 48,504 | 48,504 | 0 | 0 | 0 |
| Australia | 12,574,443 | 12,574,443 | 0 | 0 | 0 |
| Austria | 4,838,190 | 4,838,190 | 0 | 0 | 0 |
| Azerbaijan | 242,517 | 0 | 0 | 0 | 242,517 |
| Belarus | 339,522 | 226,348 | 0 | 0 | 113,174 |
| Belgium | 6,050,769 | 6,050,769 | 0 | 0 | 0 |
| Bulgaria | 284,955 | 284,955 | 0 | 0 | 0 |
| Canada | 18,091,677 | 18,091,677 | 0 | 0 | 0 |
| Croatia | 763,926 | 763,926 | 0 | 0 | 0 |
| Cyprus | 284,955 | 284,955 | 0 | 0 | 0 |
| Czech Republic | 2,340,276 | 2,340,276 | 0 | 0 | 0 |
| Denmark | 4,092,453 | 4,092,453 | 0 | 0 | 0 |
| Estonia | 242,517 | 242,517 | 0 | 0 | 0 |
| Finland | 3,146,643 | 3,146,643 | 0 | 0 | 0 |
| France | 33,909,768 | 32,754,742 | 1,155,026 | 0 | 0 |
| Germany | 43,295,127 | 34,537,016 | 8,758,111 | 0 | 0 |
| Greece | 3,868,128 | 3,868,128 | 0 | 0 | 0 |
| Holy See | 6,063 | 6,063 | 0 | 0 | 0 |
| Hungary | 1,612,731 | 1,612,731 | 0 | 0 | 0 |
| Iceland | 163,698 | 163,698 | 0 | 0 | 0 |
| Ireland | 2,534,289 | 2,534,289 | 0 | 0 | 0 |
| Israel | 2,400,906 | 0 | 0 | 0 | 2,400,906 |
| Italy | 26,967,753 | 24,877,303 | 2,090,450 | 0 | 0 |
| Japan | 65,679,333 | 65,359,260 | 320,073 | 0 | 0 |
| Kazakhstan | 733,611 | 733,611 | 0 | 0 | 0 |
| Latvia | 284,955 | 284,955 | 0 | 0 | 0 |
| Liechtenstein | 54,567 | 54,567 | 0 | 0 | 0 |
| Lithuania | 442,590 | 442,590 | 0 | 0 | 0 |
| Luxembourg | 491,094 | 491,094 | 0 | 0 | 0 |
| Malta | 97,005 | 64,670 | 0 | 0 | 32,335 |
| Monaco | 72,756 | 72,756 | 0 | 0 | 0 |
| Netherlands | 10,028,028 | 10,028,028 | 0 | 0 | 0 |
| New Zealand | 1,533,912 | 1,533,912 | 0 | 0 | 0 |
| Norway | 5,159,523 | 5,159,523 | 0 | 0 | 0 |
| Poland | 5,583,927 | 5,583,927 | 0 | 0 | 0 |
| Portugal | 2,873,811 | 2,873,811 | 0 | 0 | 0 |
| Romania | 1,370,214 | 1,370,214 | 0 | 0 | 0 |
| Russian Federation | 14,781,336 | 14,114,660 | 666,676 | 0 | 0 |
| San Marino | 18,189 | 18,189 | 0 | 0 | 0 |
| Slovak Republic | 1,036,755 | 1,036,755 | 0 | 0 | 0 |
| Slovenia | 606,288 | 606,288 | 0 | 0 | 0 |
| Spain | 18,024,984 | 16,846,755 | 1,178,229 | 0 | 0 |
| Sweden | 5,820,378 | 5,820,378 | 0 | 0 | 0 |
| Switzerland | 6,347,850 | 6,347,850 | 0 | 0 | 0 |
| Tajikistan | 18,189 | 0 | 0 | 0 | 18,189 |
| Ukraine | 600,227 | 0 | 0 | 0 | 600,227 |
| United Kingdom | 31,399,728 | 31,399,728 | 0 | 0 | 0 |
| United States of America | 94,948,529 | 94,948,529 | 0 | 0 | 0 |
| Uzbekistan | 90,942 | 0 | 0 | 0 | 90,942 |
| TOTAL | 436,198,530 | 418,531,677 | 14,168,565 | 0 | 3,498,290 |
| Disputed Contributions(*) | 1,301,470 | 0 | 0 | 0 | 1,301,470 |
| TOTAL | 437,500,000 | 418,531,677 | 14,168,565 | 0 | 4,799,760 |

(*) Additional amount on disputed contributions relating to the United States of America.

| | | | | | |
|-------|------------|------------|---------|---|-----------|
| CEITs | 28,956,382 | 25,169,335 | 666,676 | 0 | 3,120,371 |
|-------|------------|------------|---------|---|-----------|

TRUST FUND FOR THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL

TABLE 12 : Status of Contributions for 2017 (US\$)

As at 20/06/2022

| Party | Agreed Contributions | Cash Payments | Bilateral Assistance | Promissory Notes | Outstanding Contributions |
|---------------------------|----------------------|--------------------|----------------------|------------------|---------------------------|
| Andorra | 16,168 | 16,168 | | | 0 |
| Australia | 4,191,481 | 4,191,481 | | | 0 |
| Austria | 1,612,730 | 1,612,730 | | | 0 |
| Azerbaijan | 80,839 | | | | 80,839 |
| Belarus | 113,174 | 113,174 | | | 0 |
| Belgium | 2,016,923 | 2,016,923 | | | 0 |
| Bulgaria | 94,985 | 94,985 | | | 0 |
| Canada | 6,030,559 | 6,030,559 | | | 0 |
| Croatia | 254,642 | 254,642 | | | 0 |
| Cyprus | 94,985 | 94,985 | | | 0 |
| Czech Republic | 780,092 | 780,092 | | | 0 |
| Denmark | 1,364,151 | 1,364,151 | | | 0 |
| Estonia | 80,839 | 80,839 | | | 0 |
| Finland | 1,048,881 | 1,048,881 | | | 0 |
| France | 11,303,256 | 10,471,705 | 831,551 | | 0 |
| Germany | 14,431,709 | 12,410,403 | 2,021,306 | 0 | 0 |
| Greece | 1,289,376 | 1,289,376 | | | 0 |
| Holy See | 2,021 | 2,021 | | | 0 |
| Hungary | 537,577 | 537,577 | | | 0 |
| Iceland | 54,566 | 54,566 | | | 0 |
| Ireland | 844,763 | 844,763 | | | 0 |
| Israel | 800,302 | | | | 800,302 |
| Italy | 8,989,251 | 8,706,751 | 282,500 | | 0 |
| Japan | 21,893,111 | 21,893,111 | | | 0 |
| Kazakhstan | 244,537 | 244,537 | | | 0 |
| Latvia | 94,985 | 94,985 | | | 0 |
| Liechtenstein | 18,189 | 18,189 | | | 0 |
| Lithuania | 147,530 | 147,530 | | | 0 |
| Luxembourg | 163,698 | 163,698 | | | 0 |
| Malta | 32,335 | | | | 32,335 |
| Monaco | 24,252 | 24,252 | | | 0 |
| Netherlands | 3,342,676 | 3,342,676 | | | 0 |
| New Zealand | 511,304 | 511,304 | | | 0 |
| Norway | 1,719,841 | 1,719,841 | | | 0 |
| Poland | 1,861,309 | 1,861,309 | | | 0 |
| Portugal | 957,937 | 957,937 | | | 0 |
| Romania | 456,738 | 456,738 | | | 0 |
| Russian Federation | 4,927,112 | 4,927,112 | | | 0 |
| San Marino | 6,063 | 6,063 | | | 0 |
| Slovak Republic | 345,585 | 345,585 | | | 0 |
| Slovenia | 202,096 | 202,096 | | | 0 |
| Spain | 6,008,328 | 6,008,328 | | | 0 |
| Sweden | 1,940,126 | 1,940,126 | | | 0 |
| Switzerland | 2,115,950 | 2,115,950 | | | 0 |
| Tajikistan | 6,063 | | | | 6,063 |
| Ukraine | 200,076 | | | | 200,076 |
| United Kingdom | 10,466,576 | 10,466,576 | | | 0 |
| United States of America | 32,083,333 | 32,083,333 | | | 0 |
| Uzbekistan | 30,314 | | | | 30,314 |
| TOTAL | 145,833,333 | 141,548,048 | 3,135,357 | 0 | 1,149,929 |
| Disputed Contributions(*) | | | | | |
| TOTAL | 145,833,333 | 141,548,048 | 3,135,357 | 0 | 1,149,929 |
| CEITs | 9,652,127 | 8,649,728 | 0 | 0 | 1,002,399 |

TRUST FUND FOR THE MULTILATERAL FUND FOR THE IMPLEMENTATION OF THE MONTREAL PROTOCOL

TABLE 13 : Status of Contributions for 2016 (US\$)

As at 20/06/2022

| Party | Agreed Contributions | Cash Payments | Bilateral Assistance | Promissory Notes | Outstanding Contributions |
|---------------------------|----------------------|--------------------|----------------------|------------------|---------------------------|
| Andorra | 16,168 | 16,168 | | | 0 |
| Australia | 4,191,481 | 4,191,481 | | | 0 |
| Austria | 1,612,730 | 1,612,730 | | | 0 |
| Azerbaijan | 80,839 | | | | 80,839 |
| Belarus | 113,174 | 113,174 | | | 0 |
| Belgium | 2,016,923 | 2,016,923 | | | 0 |
| Bulgaria | 94,985 | 94,985 | | | 0 |
| Canada | 6,030,559 | 6,030,559 | | | 0 |
| Croatia | 254,642 | 254,642 | | | 0 |
| Cyprus | 94,985 | 94,985 | | | 0 |
| Czech Republic | 780,092 | 780,092 | | | 0 |
| Denmark | 1,364,151 | 1,364,151 | | | 0 |
| Estonia | 80,839 | 80,839 | | | 0 |
| Finland | 1,048,881 | 1,048,881 | | | 0 |
| France | 11,303,256 | 11,025,546 | 277,710 | | 0 |
| Germany | 14,431,709 | 12,431,833 | 1,999,876 | 0 | 0 |
| Greece | 1,289,376 | 1,289,376 | | | 0 |
| Holy See | 2,021 | 2,021 | | | 0 |
| Hungary | 537,577 | 537,577 | | | 0 |
| Iceland | 54,566 | 54,566 | | | 0 |
| Ireland | 844,763 | 844,763 | | | 0 |
| Israel | 800,302 | | | | 800,302 |
| Italy | 8,989,251 | 7,463,801 | 1,525,450 | | 0 |
| Japan | 21,893,111 | 21,753,838 | 139,273 | | 0 |
| Kazakhstan | 244,537 | 244,537 | | | 0 |
| Latvia | 94,985 | 94,985 | | | 0 |
| Liechtenstein | 18,189 | 18,189 | | | 0 |
| Lithuania | 147,530 | 147,530 | | | 0 |
| Luxembourg | 163,698 | 163,698 | | | 0 |
| Malta | 32,335 | 32,335 | | | 0 |
| Monaco | 24,252 | 24,252 | | | 0 |
| Netherlands | 3,342,676 | 3,342,676 | | | 0 |
| New Zealand | 511,304 | 511,304 | | | 0 |
| Norway | 1,719,841 | 1,719,841 | | | 0 |
| Poland | 1,861,309 | 1,861,309 | | | 0 |
| Portugal | 957,937 | 957,937 | | | 0 |
| Romania | 456,738 | 456,738 | | | 0 |
| Russian Federation | 4,927,112 | 4,260,436 | 666,676 | | 0 |
| San Marino | 6,063 | 6,063 | | | 0 |
| Slovak Republic | 345,585 | 345,585 | | | 0 |
| Slovenia | 202,096 | 202,096 | | | 0 |
| Spain | 6,008,328 | 4,830,099 | 1,178,229 | | 0 |
| Sweden | 1,940,126 | 1,940,126 | | | 0 |
| Switzerland | 2,115,950 | 2,115,950 | | | 0 |
| Tajikistan | 6,063 | | | | 6,063 |
| Ukraine | 200,076 | | | | 200,076 |
| United Kingdom | 10,466,576 | 10,466,576 | | | 0 |
| United States of America | 31,233,927 | 31,233,927 | | | 0 |
| Uzbekistan | 30,314 | | | | 30,314 |
| TOTAL | 144,983,927 | 138,079,120 | 5,787,214 | 0 | 1,117,594 |
| Disputed Contributions(*) | 849,406 | | | | 849,406 |
| TOTAL | 145,833,333 | 138,079,120 | 5,787,214 | 0 | 1,967,000 |

(*) Additional amount on disputed contributions relating to the United States of America.

| | | | | | |
|-------|-----------|-----------|---------|---|-----------|
| CEITs | 9,652,127 | 7,983,052 | 666,676 | 0 | 1,002,399 |
|-------|-----------|-----------|---------|---|-----------|

REVISED COUNTRY PROGRAMME REPORT FORMAT (2019 DATA AND BEYOND)

COUNTRY:

YEAR: January to December of the year

YYYY

SECTION B. ANNEX F - DATA ON CONTROLLED SUBSTANCES (METRIC TONNES)

NOTE: Data entry is required in UNSHADED cells only

| Substance | Use by Sector | | | | | | | | | Import | Export | Production | Manufacturing of Blends* | Import quotas | If imports are banned, indicate date ban commenced (DD/MM/YYYY) | Remarks ⁴ |
|--|---------------|------|---------------|---------------|------|-----------|--------------------|--------------------|-------|--------|--------|------------|--------------------------|---------------|---|----------------------|
| | Aerosol | Foam | Fire Fighting | Refrigeration | | | Solvent | Other ³ | TOTAL | | | | | | | |
| | | | | Manufacturing | | Servicing | | | | | | | | | | |
| | | | | Other | AC | | Total ⁵ | | | | | | | | | |
| Annex F | | | | | | | | | | | | | | | | |
| Controlled Substances | | | | | | | | | | | | | | | | |
| HFC-32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | | |
| HFC-41 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | | |
| HFC-125 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | | |
| HFC-134 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | | |
| HFC-134a | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | | |
| HFC-143 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | | |
| HFC-143a | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | | |
| HFC-152 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | | |
| HFC-152a | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | | |
| HFC-227ea | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | | |
| HFC-236cb | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | | |
| HFC-236ea | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | | |
| HFC-236fa | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | | |
| HFC-245ca | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | | |
| HFC-245fa | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | | |
| HFC-365mfc | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | | |
| HFC-43-10mee | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | | |
| HFC-23 (use) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | | |
| Sub-Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | | |
| Blends (Mixed of Controlled Substances) ¹ | | | | | | | | | | | | | | | | |
| R-404A (HFC-125=44%, HFC-134a=4%, HFC- | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | |
| R-407A (HFC-32=20%,HFC-125=40%,HFC-134a=40%) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | |
| R-407C (HFC-32=23%,HFC-125=25%, HFC- | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | |
| R-410A (HFC-32=50%, HFC-125=50%) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | |
| R-507A (HFC-125=50%, HFC-143a=50%) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | |
| R-508B (HFC-23=46%, PFC-116=54%) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | |
| Others: ² | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | |
| Others: ² | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | |
| Sub-Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | 0.00 | |
| Others | | | | | | | | | | | | | | | | |
| HFC-245fa in imported pre-blended polyol | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | | |
| HFC-365mfc in imported pre-blended polyol | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | | |
| Sub-Total | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 | | |
| TOTAL | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | | |

¹ When reporting blends/mixtures, reporting of controlled substances should not be duplicated. For the CP report, countries should report use of individual controlled substances and quantities of blends/mixtures used, separately, while ensuring that the amounts of controlled substances are not reported more than once.

² If a non-standard blend not listed in the above table is used, please indicate the percentage of each constituent controlled substance of the blend being reported in the remarks column.

³ Uses in other sectors that do not fall specifically within the listed sectors in the table.

⁴ Provide explanation if total sector use and consumption (import-export+production) is different (e.g. stockpiling).

⁵ If break-down of consumption in manufacturing is not available, information in total can be provided.

Annex III

**PROJECTS THAT ARE CLASSIFIED AS “SOME PROGRESS” AND ARE RECOMMENDED
FOR CONTINUED MONITORING**

| Country | Code | Project title | Agency |
|------------------------------------|--------------------|--|---------------|
| Albania | ALB/PHA/85/INV/41 | HCFC phase-out management plan (stage II, first tranche) | UNIDO |
| Bangladesh | BGD/PHA/81/INV/51 | HCFC phase-out management plan (stage II, first tranche) (air-conditioning sector) | UNDP |
| Bangladesh | BGD/PHA/81/TAS/49 | HCFC phase-out management plan (stage II, first tranche) (project management unit) | UNDP |
| Botswana | BOT/PHA/75/INV/18 | HCFC phase-out management plan (stage I, first tranche) | UNIDO |
| Dominica | DMI/PHA/62/TAS/19 | HCFC phase-out management plan (stage I, first tranche) | UNEP |
| Guatemala | GUA/PHA/75/TAS/50 | HCFC phase-out management plan (stage I, third tranche) | UNEP |
| Iran (Islamic Republic of) | IRA/PHA/77/INV/224 | HCFC phase-out management plan (stage II, first tranche) (foam sector) | Italy |
| Iran (Islamic Republic of) | IRA/PHA/77/INV/228 | HCFC phase-out management plan (stage II, first tranche) (foam sector) | UNIDO |
| Iran (Islamic Republic of) | IRA/PHA/84/INV/237 | HCFC phase-out management plan (stage II, second tranche) (foam sector) | Italy |
| Iran (Islamic Republic of) | IRA/PHA/84/INV/239 | HCFC phase-out management plan (stage II, second tranche) (foam sector) | UNIDO |
| Iran (Islamic Republic of) | IRA/PHA/84/TAS/240 | HCFC phase-out management plan (stage II, second tranche) (refrigeration servicing sector) | UNIDO |
| Iraq | IRQ/PHA/58/INV/09 | National phase-out plan (first tranche) | UNIDO |
| Iraq | IRQ/PHA/74/INV/23 | HCFC phase-out management plan (stage I, second tranche) (refrigeration servicing sector) | UNIDO |
| Iraq | IRQ/REF/57/INV/07 | Replacement of refrigerant CFC-12 with isobutane and foam blowing agent CFC-11 with cyclopentane in the manufacture of domestic refrigerators and chest freezers at Light Industries Company | UNIDO |
| Jordan | JOR/PHA/77/INV/101 | HCFC phase-out management plan (stage II, first tranche) (refrigeration servicing sector) | UNIDO |
| Mexico | MEX/PHA/73/INV/171 | HCFC phase-out management plan (stage II, first tranche) (reclamation of HCFC refrigerants) | Italy |
| Mexico | MEX/PHA/74/INV/172 | HCFC phase-out management plan (stage II, first tranche) (HC demonstration and training) | Germany |
| Mexico | MEX/PHA/77/INV/179 | HCFC phase-out management plan (stage II, second tranche) (HC demonstration and training) | Germany |
| Nauru | NAU/PHA/74/TAS/10 | HCFC phase-out management plan for PIC countries through regional approach (stage I, second tranche, Nauru) | UNEP |
| Saint Kitts and Nevis | STK/PHA/82/TAS/22 | Verification report on the implementation of the HCFC phase-out management plan | UNEP |
| South Sudan | SSD/PHA/77/TAS/04 | HCFC phase-out management plan (stage I, first tranche) | UNEP |
| Turkmenistan | TKM/PHA/86/INV/17 | HCFC phase-out management plan (stage II, first tranche) | UNIDO |
| Venezuela (Bolivarian Republic of) | VEN/PHA/76/INV/134 | HCFC phase-out management plan (stage II, first tranche) (technical assistance in refrigeration and air-conditioning manufacturing sector) | UNIDO |
| Venezuela (Bolivarian Republic of) | VEN/PHA/76/TAS/132 | HCFC phase-out management plan (stage II, first tranche) (refrigeration servicing sector) | UNIDO |
| Zimbabwe | ZIM/REF/82/INV/56 | Conversion from HFC-134a to isobutane in the manufacture of domestic refrigerators at Capri (SME Harare) | France |

Annex IV

**PROJECTS THAT ARE CLASSIFIED AS “NO PROGRESS” AND ARE RECOMMENDED FOR
CONTINUED MONITORING**

| Country | Code | Project title | Agency |
|----------------------------------|-------------------|---|---------------|
| Afghanistan | AFG/PHA/77/INV/20 | HCFC phase-out management plan (stage I, second tranche) | UNIDO |
| Afghanistan | AFG/PHA/79/INV/22 | HCFC phase-out management plan (stage I, third tranche) | UNIDO |
| Afghanistan | AFG/PHA/85/INV/30 | HCFC phase-out management plan (stage II, first tranche) | UNIDO |
| Algeria | ALG/PHA/66/INV/76 | HCFC phase-out management plan (stage I, first tranche) (conversion from HCFC-22 in the manufacture of room air conditioners at Condor) | UNIDO |
| Algeria | ALG/PHA/66/INV/77 | HCFC phase-out management plan (stage I, first tranche) (activities in the refrigeration servicing sector including phase-out of HCFC-141b used for flushing, and project monitoring) | UNIDO |
| Haiti | HAI/PHA/76/TAS/21 | HCFC phase-out management plan (stage I, second tranche) | UNEP |
| Mauritania | MAU/PHA/80/INV/25 | HCFC phase-out management plan (stage I, first tranche) | UNDP |
| Mali | MLI/PHA/83/TAS/40 | HCFC phase-out management plan (stage I, fourth tranche) | UNEP |
| Myanmar | MYA/PHA/68/TAS/14 | HCFC phase-out management plan (stage I, first tranche) | UNEP |
| Myanmar | MYA/PHA/80/TAS/18 | HCFC phase-out management plan (stage I, second tranche) | UNEP |
| Nepal | NEP/PHA/75/TAS/34 | HCFC phase-out management plan (stage I, second tranche) | UNEP |
| Saint Vincent and the Grenadines | STV/PHA/75/TAS/23 | HCFC phase-out management plan (stage I, second tranche) | UNEP |
| Suriname | SUR/PHA/81/TAS/26 | HCFC phase-out management plan (stage I, third tranche) | UNEP |

Annex V

**PROJECTS THAT ARE CLASSIFIED AS “NO PROGRESS” AND ARE RECOMMENDED FOR
LETTER OF POSSIBLE CANCELLATION**

| Country | Code | Project title | Agency |
|-----------------------|-------------------|--|---------------|
| Congo (the) | PRC/PHA/76/TAS/30 | HCFC phase-out management plan (stage I, third tranche) | UNEP |
| Saint Kitts and Nevis | STK/PHA/74/TAS/20 | HCFC phase-out management plan (stage I, second tranche) | UNEP |

Annex VI

PROJECTS FOR WHICH ADDITIONAL STATUS REPORTS ARE REQUESTED

| Country | Code | Project title | Agency | Recommendation |
|--------------------------------|--------------------|---|---------------|---|
| Afghanistan | AFG/PHA/85/TAS/27 | HCFC phase-out management plan (stage I, fourth tranche) | UNEP | To request UNEP to provide a status report to the 91 st meeting on the national ozone unit (NOU) operations and implementation progress |
| Afghanistan | AFG/PHA/85/TAS/29 | HCFC phase-out management plan (stage II, first tranche) | UNEP | To request UNEP to provide a status report to the 91 st meeting on the NOU operations and implementation progress |
| Afghanistan | AFG/PHA/85/INV/28 | HCFC phase-out management plan (stage I, fourth tranche) | UNIDO | To request UNIDO to provide a status report to the 91 st meeting on implementation progress |
| Argentina | ARG/PHA/84/TAS/191 | HCFC phase-out management plan (stage II, second tranche) (monitoring and reporting of HCFC-22 production) | UNIDO | To request UNIDO to provide a status report to the 91 st meeting on the completion of the verification report of HCFC-22 production and disbursement level |
| Barbados | BAR/PHA/84/TAS/29 | HCFC phase-out management plan (stage I, third tranche) | UNEP | To request UNEP to provide a status report to the 91 st meeting on implementation progress |
| Central African Republic (the) | CAF/SEV/68/INS/23 | Extension of the institutional strengthening project (phase VI: 1/2013-12/2014) | UNEP | To request UNEP to provide a status report to the 91 st meeting on implementation progress |
| Dominica | DMI/PHA/84/TAS/25 | HCFC phase-out management plan (stage I, second tranche) | UNEP | To request UNEP to provide a status report to the 91 st meeting on the signature of the small-scale funding agreement and disbursement level |
| Dominica | DMI/PHA/86/TAS/26 | Verification report on the implementation of stage I of the HCFC phase-out management plan | UNEP | To request UNEP to provide a status report to the 91 st meeting on implementation progress |
| Haiti | HAI/SEV/75/INS/20 | Extension of the institutional strengthening project (phase IV: 11/2015-10/2017) | UNEP | To request UNEP to provide a status report to the 91 st meeting on implementation progress and disbursement level |
| Honduras | HON/PHA/86/TAS/51 | HCFC phase-out management plan (stage I, fifth tranche) | UNEP | To request UNEP to provide a status report to the 91 st meeting on disbursement level |
| Jamaica | JAM/PHA/85/TAS/42 | HCFC phase-out management plan (stage I, fourth tranche) | UNEP | To request UNEP to provide a status report to the 91 st meeting on implementation progress |
| Jordan | JOR/PHA/84/TAS/107 | HCFC phase-out management plan (stage II, second tranche) (refrigeration servicing sector, project management and coordination) | UNIDO | To request UNIDO to provide a status report to the 91 st meeting on implementation progress and disbursement level |
| Mali | MLI/PHA/84/PRP/41 | Preparation of a HCFC phase-out management plan (stage II) | UNDP | To request UNDP to provide a status report to the 91 st meeting on implementation progress, finalisation of stage II of the HPMP and disbursement level |

| Country | Code | Project title | Agency | Recommendation |
|-------------|-------------------|---|--------|---|
| Myanmar | MYA/PHA/83/PRP/20 | Preparation of a HCFC phase-out management plan (stage II) | UNIDO | To request UNIDO to provide a status report to the 91 st meeting on finalisation of stage II of the HPMP |
| Myanmar | MYA/PHA/83/PRP/21 | Preparation of a HCFC phase-out management plan (stage II) | UNEP | To request UNEP to provide a status report to the 91 st meeting on implementation progress and finalisation of stage II of the HPMP |
| Myanmar | MYA/PHA/80/INV/19 | HCFC phase-out management plan (stage I, second tranche) | UNIDO | To request UNIDO to provide a status report to the 91 st meeting on implementation progress with an update on resumption of activities |
| Myanmar | MYA/PHA/86/TAS/23 | HCFC phase-out management plan (stage I, third tranche) | UNEP | To request UNEP to provide a status report to the 91 st meeting on implementation progress |
| Myanmar | MYA/PHA/86/TAS/24 | Verification report on the implementation of the HCFC phase-out management plan | UNEP | To request UNEP to provide a status report to the 91 st meeting on implementation progress |
| Myanmar | MYA/SEV/84/INS/22 | Extension of institutional strengthening project (phase V: 7/2020-6/2022) | UNEP | To request UNEP to provide a status report to the 91 st meeting on implementation progress |
| Nauru | NAU/PHA/85/TAS/13 | HCFC phase-out management plan for PIC countries through regional approach (stage I, third tranche) | UNEP | To request UNEP to provide a status report to the 91 st meeting on implementation progress and disbursement level |
| South Sudan | SSD/PHA/84/TAS/05 | Verification report on the implementation of the HCFC phase-out management plan | UNEP | To request UNEP to provide a status report to the 91 st meeting on the preparation of a verification report |
| South Sudan | SSD/SEV/76/INS/03 | Institutional strengthening project (phase I: 5/2016-4/2018) | UNEP | To request UNEP to provide a status report to the 91 st meeting on implementation progress and disbursement level |
| Yemen | YEM/SEV/73/INS/43 | Extension of the institutional strengthening project (phase VIII: 1/2015-12/2016) | UNEP | To request UNEP to provide a status report to the 91 st meeting on the signing of the implementation agreement and disbursement level |

Annex VII

**LETTERS TO BE SENT TO THE RELEVANT GOVERNMENTS
ON TRANCHE SUBMISSION DELAYS**

| Country | Views expressed by the Executive Committee |
|-----------------------|---|
| Albania (Stage II) | Noting the delays due to constraints imposed by the COVID-19 pandemic and that the overall disbursement rate of the first (2020) tranche of stage II of the HPMP was below the 20 per cent disbursement threshold, and urging the Government of Albania to work with UNEP and UNIDO so that the second (2022) tranche of stage II could be submitted to the 91 st meeting, on the understanding that the 20 per cent disbursement threshold for funding of the previous tranche had been achieved. |
| Algeria (Stage I) | Noting that the mandatory verification of HCFC consumption targets has not been completed and the enterprise manufacturing air-conditioners that was supported under the HPMP is using R-410A as a refrigerant in place of HFC-32, and urging the Government of Algeria to work with UNIDO to provide a status report on the use of HFC-32 as a refrigerant in the enterprise manufacturing air-conditioners to the 91 st meeting, and to complete the verification so that the third (2014) and fourth (2017) tranches of stage I of the HPMP could be submitted to the 92 nd meeting with a revised plan of action to take into account the reallocation of the 2014 and subsequent tranches. |
| Argentina (Stage II) | Noting that the third (2021) tranche of stage II of the HPMP submitted to the 90 th meeting had been withdrawn as the overall disbursement rate of the second (2019) tranche of the HPMP was below the 20 per cent threshold, and urging the Government of Argentina to work with UNIDO so that the third (2021) tranche of stage II could be submitted to the 91 st meeting with a revised plan of action to take into account the reallocation of the 2021 and subsequent tranches, on the understanding that the 20 per cent disbursement threshold for funding of the previous tranche had been achieved. |
| Barbados (Stage I) | Noting the delays due to constraints imposed by the COVID-19 pandemic and that the mandatory verification on HCFC consumption targets had not been completed, and urging the Government of Barbados to work with UNEP to complete the verification so that the fourth (2020) tranche of stage I of the HPMP could be submitted to the 91 st meeting with a revised plan of action to take into account the reallocation of the 2020 tranche. |
| Burundi (Stage I) | Noting the delays due to constraints imposed by the COVID-19 pandemic and that the mandatory verification on HCFC consumption targets had not been completed, and urging the Government of Burundi to work with UNEP to complete the verification so that the fourth (2020) tranche of stage I of the HPMP could be submitted to the 91 st meeting with a revised plan of action to take into account the reallocation of the 2020 tranche. |
| Congo (the) (Stage I) | Noting the delays due to the non-submission of the progress and financial reports, and urging the Government of the Congo to work with UNEP to submit the required progress and financial reports so that the fifth (2020) tranche of stage I of the HPMP could be submitted to the 91 st meeting with a revised plan of action to take into account the reallocation of the 2020 tranche. |
| Dominica (Stage I) | Noting the delays due to the non-submission of the progress and financial reports and that the overall disbursement rate of the second (2019) tranche of the HPMP was below the 20 per cent disbursement threshold, and urging the Government of Dominica to submit the required progress and financial reports and to work with UNEP so that the third (2020) tranche of stage I of the HPMP could be submitted to the 92 nd meeting with a revised plan of action to take into account the reallocation of the 2020 tranche, on the understanding that the 20 per cent disbursement threshold for funding of the previous tranche had been achieved. |
| Guyana (Stage II) | Noting the delays due to constraints imposed by the COVID-19 pandemic and that the mandatory verification on HCFC consumption targets had not been completed, and urging the Government of Guyana to work with UNEP to complete the verification and with UNDP and UNEP so that the third (2021) tranche of stage II of the HPMP could be submitted to the 91 st meeting with a revised plan of action to take into account the reallocation of the 2021 and subsequent tranches. |
| Haiti (Stage I) | Noting the delays due to constraints imposed by the COVID-19 pandemic and that the mandatory verification on HCFC consumption targets had not been completed, and urging the Government of Haiti to work with UNEP to complete the verification so that the third (2018) and fourth (2020) tranches of stage I of the HPMP could be submitted to the 92 nd meeting with a revised plan of action to take into account the reallocation of the 2018 and subsequent tranches. |

| Country | Views expressed by the Executive Committee |
|---------------------------------|--|
| Jordan (Stage II) | Nothing the delays due constraints imposed by the COVID-19 pandemic and that the overall disbursement rate of the second (2018) tranche of the HPMP was below the 20 per cent disbursement threshold, and urging the Government of Jordan to work with UNIDO and the World Bank so that the third (2021) tranche of stage II of the HPMP could be submitted to the 91 st meeting with a revised plan of action to take into account the reallocation of the 2021 tranche, on the understanding that the 20 per cent disbursement threshold for funding of the previous tranche had been achieved. |
| Mali (Stage I) | Noting the delays due to constraints imposed by the COVID-19 pandemic and that the mandatory verification on HCFC consumption targets had not been completed, and urging the Government of Mali to work with UNEP to complete the verification, and with UNDP and UNEP so that the fifth (2020) tranche of stage I of the HPMP could be submitted to the 91 st meeting with a revised plan of action to take into account the reallocation of the 2020 tranche. |
| Montenegro (Stage II) | Noting the delays due the constraints imposed by the COVID-19 pandemic, and urging the Government of Montenegro to work with UNIDO so that the second (2022) tranche of stage II of the HPMP could be submitted to the 91 st meeting. |
| Saint Kitts and Nevis (Stage I) | Noting the delays due to the non-submission of the progress and financial reports and that the mandatory verification on HCFC consumption targets had not been completed, and urging the Government of Saint Kitts and Nevis to submit the required progress and financial reports and to work with UNEP to complete the verification so that the third (2020) tranche of stage I of the HPMP could be submitted to the 91 st meeting with a revised plan of action to take into account the reallocation of the 2020 tranche. |
| Serbia (Stage II) | Noting the delays due to constraints imposed by the COVID-19 pandemic and that the overall disbursement rate of the first (2020) tranche of stage II of the HPMP was below the 20 per cent disbursement threshold, and urging the Government of Serbia to work with UNEP and UNIDO so that the second (2022) tranche of stage II could be submitted to the 91 st meeting, on the understanding that the 20 per cent disbursement threshold for funding of the previous tranche had been achieved. |
| South Africa (Stage I) | Noting the delays due to constraints imposed by the COVID-19 pandemic and changes in the NOU, and urging the Government of South Africa to work with UNIDO so that the fifth (2018) tranche of stage I of the HPMP could be submitted to the 91 st meeting with a revised plan of action to take into account the reallocation of the 2018 tranche. |
| South Sudan (Stage I) | Noting the delays due to the constraints imposed by the COVID-19 pandemic and the delay due to the political instability, and urging the Government of South Sudan to work with UNDP and UNEP so that the second (2018) and third (2020) tranches of stage I could be submitted to the 91 st meeting with a revised plan of action to take into account the reallocation of the 2018 and subsequent tranches. |
| Suriname (Stage I) | Noting the delays due to the constraints imposed by the COVID-19 pandemic and that the mandatory verification on HCFC consumption targets had not been completed, and urging the Government of Suriname to work with UNEP to complete the verification and with UNEP and UNIDO so that the fourth (2020) tranche of stage I of the HPMP could be submitted to the 91 st meeting with a revised plan of action to take into account the reallocation of the 2020 tranche. |
| Syrian Arab Republic (Stage I) | Noting the delays due to the constraints imposed by the COVID-19 pandemic, and urging the Government of Syrian Arab Republic to work with UNEP so that the second (2022) tranche of stage I of the HPMP could be submitted to the 91 st meeting. |
| Thailand (Stage II) | Noting that the overall disbursement rate of the first (2018) tranche of stage II of the HPMP was below the 20 per cent disbursement threshold, and urging the Government of Thailand to work with the World Bank so that the second (2020) tranche of stage II could be submitted to the 91 st meeting with a revised plan of action to take into account the reallocation of the 2020 and subsequent tranches, on the understanding that the 20 per cent disbursement threshold for funding of the previous tranche had been achieved. |
| Turkey (Stage I) | Noting that the overall disbursement rate of the fourth (2019) tranche of stage I of the HPMP was below the 20 per cent disbursement threshold, and urging the Government of Turkey to work with UNIDO so that the fifth (2022) tranche of stage I could be submitted to the 91 st meeting, on the understanding that the 20 per cent disbursement threshold for funding of the previous tranche had been achieved. |

| Country | Views expressed by the Executive Committee |
|---|---|
| Turkmenistan (Stage II) | Nothing the delays due constraints imposed by the COVID-19 pandemic and that the overall disbursement rate of the first (2020) tranche of stage II of the HPMP was below the 20 per cent disbursement threshold, and urging the Government of Turkmenistan to work with UNIDO so that the second (2022) tranche of stage II could be submitted to the 91 st meeting, on the understanding that the 20 per cent disbursement threshold for funding of the previous tranche had been achieved. |
| Venezuela (Bolivarian Republic of) (Stage II) | Noting that the second (2019) tranche of stage II of the HPMP submitted to the 90 th meeting had been withdrawn as additional time would be required to address issues identified during the review of the proposal, and urging the Government of the Bolivarian Republic of Venezuela to work with UNIDO to resubmit the second (2019) tranche to the 91 st meeting with a revised plan of action to take into account the reallocation of the 2019 and subsequent tranches. |

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/90/40
Annex VIII

| Project Title | Agency | ODP/Metric (tonnes)* | Funds approved (US\$) | | C.E. (US\$/kg) |
|--|--------|-------------------------|-----------------------|----------|-------------------|
| | | | Project | Support | Total |
| ALGERIA | | | | | |
| SEVERAL | | | | | |
| Ozone unit support | | | | | |
| Extension of the institutional strengthening project (phase VII: 7/2022-6/2024) | UNEP | | \$329,472 | \$0 | \$329,472 |
| Total for Algeria | | | \$329,472 | | \$329,472 |
| ARGENTINA | | | | | |
| PHASE-OUT PLAN | | | | | |
| HCFC phase out plan | | | | | |
| Preparation for a HCFC phase-out management plan (stage III) (Overarching) | UNIDO | | \$90,000 | \$6,300 | \$96,300 |
| Total for Argentina | | | \$90,000 | \$6,300 | \$96,300 |
| BAHAMAS | | | | | |
| PHASE-OUT PLAN | | | | | |
| HCFC phase out plan | | | | | |
| HCFC phase-out management plan (stage II, first tranche) | UNEP | 1.0 | \$81,200 | \$10,556 | \$91,756 |
| <i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2022-2030 for the complete phase-out of HCFC consumption, on the understanding that no more funding from the Multilateral Fund would be provided for the phase-out of HCFCs. Noted the commitment of the Government to completely phase out HCFCs by 1 January 2030, and to ban HCFC imports after that date, except for those allowed for a servicing tail between 2030 and 2040, where required, consistent with the provisions of the Montreal Protocol; and to ban the import of new and second-hand HCFC-based equipment from 1 January 2023. Deducted 3.13 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding. To allow for consideration of the final tranche of its HPMP, the Government should submit a detailed description of the regulatory and policy framework in place to implement measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the 2030-2040 period; and the expected annual HCFC consumption for the 2030-2040 period.</i> | | | | | |

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/90/40
Annex VIII

| Project Title | Agency | ODP/Metric (tonnes)* | Funds approved (US\$) | | | C.E. (US\$/kg) |
|--|--------|-------------------------|-----------------------|-----------------|------------------|-------------------|
| | | | Project | Support | Total | |
| HCFC phase-out management plan (stage II, first tranche) | UNIDO | 0.6 | \$97,000 | \$8,730 | \$105,730 | |
| <i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2022-2030 for the complete phase-out of HCFC consumption, on the understanding that no more funding from the Multilateral Fund would be provided for the phase-out of HCFCs. Noted the commitment of the Government to completely phase out HCFCs by 1 January 2030, and to ban HCFC imports after that date, except for those allowed for a servicing tail between 2030 and 2040, where required, consistent with the provisions of the Montreal Protocol; and to ban the import of new and second-hand HCFC-based equipment from 1 January 2023. Deducted 3.13 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding. To allow for consideration of the final tranche of its HPMP, the Government should submit a detailed description of the regulatory and policy framework in place to implement measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the 2030-2040 period; and the expected annual HCFC consumption for the 2030-2040 period.</i> | | | | | | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of the institutional strengthening project (phase VIII: 7/2022-6/2024) | UNEP | | \$85,000 | \$0 | \$85,000 | |
| Total for Bahamas | | 1.6 | \$263,200 | \$19,286 | \$282,486 | |
| BAHRAIN | | | | | | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of the institutional strengthening project (phase XI: 7/2022-6/2024) | UNEP | | \$85,000 | \$0 | \$85,000 | |
| Total for Bahrain | | | \$85,000 | | \$85,000 | |

* HCFC in ODP tonnes. HFC in metric tonnes

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/90/40
Annex VIII

| Project Title | Agency | ODP/Metric (tonnes)* | Funds approved (US\$) | | C.E. (US\$/kg) |
|---------------|--------|-------------------------|-----------------------|---------|-------------------|
| | | | Project | Support | |

BANGLADESH

PHASE-OUT PLAN

HCFC phase out plan

| | | | | | |
|---|------|--|-----------|----------|-----------|
| HCFC phase-out management plan (stage II, second tranche) (project management unit) | UNDP | | \$174,539 | \$12,218 | \$186,757 |
|---|------|--|-----------|----------|-----------|

Noted that the Fund Secretariat has updated the Agreement between the Government and the Executive Committee, specifically: Appendix 2-A, based on the revised tranche schedule due to implementation delays and paragraph 17, added to indicate that the updated Agreement supersedes that reached at the 81st meeting. Approved on the understanding that: the Treasurer would be requested to transfer the approved funds to UNDP only upon receipt and review of the verification report by the Secretariat in line with decision 72/19(b); UNDP has committed to submitting the verification report by the end of June 2022 and no later than 12 weeks prior to the 91st meeting; the recommendations included in the verification report would be addressed during the implementation of the second tranche of stage II of the HPMP and that the actions implemented towards that end would be included in the progress report of the second tranche for stage II of the HPMP for Bangladesh to be submitted with the third tranche request; and in the event that the verification report confirmed that Bangladesh had not been in compliance with the Montreal Protocol and its Agreement with the Executive Committee, the Secretariat would inform the Executive Committee so that relevant actions, inter alia, the application of the penalty clause, could be considered at the 91st meeting.

| | | | | | |
|---|------|-----|-------------|-----------|-------------|
| HCFC phase-out management plan (stage II, second tranche) (air-conditioning sector) | UNDP | 6.8 | \$1,967,866 | \$137,750 | \$2,105,616 |
|---|------|-----|-------------|-----------|-------------|

Noted that the Fund Secretariat has updated the Agreement between the Government and the Executive Committee, specifically: Appendix 2-A, based on the revised tranche schedule due to implementation delays and paragraph 17, added to indicate that the updated Agreement supersedes that reached at the 81st meeting. Approved on the understanding that: the Treasurer would be requested to transfer the approved funds to UNDP only upon receipt and review of the verification report by the Secretariat in line with decision 72/19(b); UNDP has committed to submitting the verification report by the end of June 2022 and no later than 12 weeks prior to the 91st meeting; the recommendations included in the verification report would be addressed during the implementation of the second tranche of stage II of the HPMP and that the actions implemented towards that end would be included in the progress report of the second tranche for stage II of the HPMP for Bangladesh to be submitted with the third tranche request; and in the event that the verification report confirmed that Bangladesh had not been in compliance with the Montreal Protocol and its Agreement with the Executive Committee, the Secretariat would inform the Executive Committee so that relevant actions, inter alia, the application of the penalty clause, could be considered at the 91st meeting.

HFC phase down plan

| | | | | | |
|---|------|--|----------|---------|----------|
| Preparation of a Kigali HFC implementation plan | UNEP | | \$40,000 | \$5,200 | \$45,200 |
|---|------|--|----------|---------|----------|

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/90/40
Annex VIII

| Project Title | Agency | ODP/Metric (tonnes)* | Funds approved (US\$) | | C.E. (US\$/kg) |
|---|--------|-------------------------|-----------------------|------------------|--------------------|
| | | | Project | Support | |
| Preparation of Kigali HFC implementation plan | UNDP | | \$150,000 | \$10,500 | \$160,500 |
| Total for Bangladesh | | 6.8 | \$2,332,405 | \$165,668 | \$2,498,073 |

BARBADOS

SEVERAL

Ozone unit support

| | | | | | |
|--|------|--|------------------|-----|------------------|
| Renewal of institutional strengthening project (phase VIII: 7/2022-6/2024) | UNEP | | \$149,760 | \$0 | \$149,760 |
| Total for Barbados | | | \$149,760 | | \$149,760 |

BENIN

PHASE-OUT PLAN

HCFC phase out plan

| | | | | | |
|--|-------|-----|-----------|----------|-----------|
| HCFC phase-out management plan (stage II, first tranche) | UNIDO | 3.1 | \$200,000 | \$14,000 | \$214,000 |
|--|-------|-----|-----------|----------|-----------|

Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2022-2030 for the complete phase-out of HCFC consumption, on the understanding that no more funding from the Multilateral Fund would be provided for the phase-out of HCFCs. Noted the commitment of the Government to completely phase out HCFCs by 1 January 2030, and to ban HCFC imports after that date, except for those allowed for a servicing tail between 2030 and 2040, where required, consistent with the provisions of the Montreal Protocol. Deducted 15.47 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding. To allow for consideration of the final tranche of its HPMP, the Government should submit a detailed description of the regulatory and policy framework in place to implement measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the 2030-2040 period; and the expected annual HCFC consumption for the 2030-2040 period.

| | | | | | |
|--|------|-----|-----------|----------|-----------|
| HCFC phase-out management plan (stage II, first tranche) | UNEP | 4.6 | \$125,000 | \$15,536 | \$140,536 |
|--|------|-----|-----------|----------|-----------|

Approved in accordance with the Agreement between the Government and the Executive Committee for the period 2022-2030 for the complete phase-out of HCFC consumption, on the understanding that no more funding from the Multilateral Fund would be provided for the phase-out of HCFCs. Noted the commitment of the Government to completely phase out HCFCs by 1 January 2030, and to ban HCFC imports after that date, except for those allowed for a servicing tail between 2030 and 2040, where required, consistent with the provisions of the Montreal Protocol. Deducted 15.47 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding. To allow for consideration of the final tranche of its HPMP, the Government should submit a detailed description of the regulatory and policy framework in place to implement measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the 2030-2040 period; and the expected annual HCFC consumption for the 2030-2040 period.

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/90/40
Annex VIII

| Project Title | Agency | ODP/Metric (tonnes)* | Funds approved (US\$) | | C.E. (US\$/kg) |
|---|--------|-------------------------|-----------------------|----------|-------------------|
| | | | Project | Support | Total |
| HFC phase down plan | | | | | |
| Preparation of a Kigali HFC implementation plan | UNEP | | \$133,000 | \$17,290 | \$150,290 |
| Preparation of a Kigali HFC implementation plan | UNIDO | | \$57,000 | \$3,990 | \$60,990 |
| Total for Benin | | 7.7 | \$515,000 | \$50,816 | \$565,816 |
| BOTSWANA | | | | | |
| PHASE-OUT PLAN | | | | | |
| HFC phase down plan | | | | | |
| Preparation of a Kigali HFC implementation plan | UNEP | | \$119,000 | \$15,470 | \$134,470 |
| Preparation of a Kigali HFC implementation plan | UNIDO | | \$51,000 | \$3,570 | \$54,570 |
| Total for Botswana | | | \$170,000 | \$19,040 | \$189,040 |
| CAMBODIA | | | | | |
| PHASE-OUT PLAN | | | | | |
| HCFC phase out plan | | | | | |
| HCFC phase-out management plan (stage I, fifth tranche) | UNEP | 4.9 | \$200,000 | \$26,000 | \$226,000 |
| Total for Cambodia | | 4.9 | \$200,000 | \$26,000 | \$226,000 |
| CAPE VERDE | | | | | |
| SEVERAL | | | | | |
| Ozone unit support | | | | | |
| Extension of the institutional strengthening project (phase VIII: 1/2023-12/2024) | UNEP | | \$85,000 | \$0 | \$85,000 |
| Total for Cape Verde | | | \$85,000 | | \$85,000 |

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/90/40
Annex VIII

| Project Title | Agency | ODP/Metric (tonnes)* | Funds approved (US\$) | | C.E. (US\$/kg) |
|---------------|--------|-------------------------|-----------------------|---------|-------------------|
| | | | Project | Support | |

CHAD

PHASE-OUT PLAN

HCFC phase out plan

| | | | | | |
|--|------|-----|-----------|----------|-----------|
| HCFC phase-out management plan (stage II, first tranche) | UNEP | 3.2 | \$128,500 | \$16,146 | \$144,646 |
|--|------|-----|-----------|----------|-----------|

Approved in accordance with the Agreement between the Government and the Executive Committee for the period from 2022-2030 for the complete phase-out of HCFC consumption, on the understanding that no more funding from the Multilateral Fund would be provided for the phase-out of HCFCs. Noted the commitment of the Government to operationalize an online tool to allow information exchange between the national ozone unit and customs on the use of import quotas for HCFCs in real time as of 1 January 2025; to establish a certification scheme for RAC technicians and adopt standards on the safe use of flammable and toxic refrigerants as of 1 January 2027; to ban the import of HCFC-based equipment by 1 January 2029; and to completely phase out HCFCs by 1 January 2030, and to ban HCFC imports after that date, except for those allowed for a servicing tail between 2030 and 2040, where required, consistent with the provisions of the Montreal Protocol. Deducted 10.47 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding. To allow for consideration of the final tranche of its HPMP, the Government should submit a detailed description of the regulatory and policy framework in place to implement measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the 2030-2040 period; and the expected annual HCFC consumption for the 2030-2040 period.

| | | | | | |
|--|-------|-----|-----------|----------|-----------|
| HCFC phase-out management plan (stage II, first tranche) | UNIDO | 2.0 | \$204,500 | \$14,315 | \$218,815 |
|--|-------|-----|-----------|----------|-----------|

Approved in accordance with the Agreement between the Government and the Executive Committee for the period from 2022-2030 for the complete phase-out of HCFC consumption, on the understanding that no more funding from the Multilateral Fund would be provided for the phase-out of HCFCs. Noted the commitment of the Government to operationalize an online tool to allow information exchange between the national ozone unit and customs on the use of import quotas for HCFCs in real time as of 1 January 2025; to establish a certification scheme for RAC technicians and adopt standards on the safe use of flammable and toxic refrigerants as of 1 January 2027; to ban the import of HCFC-based equipment by 1 January 2029; and to completely phase out HCFCs by 1 January 2030, and to ban HCFC imports after that date, except for those allowed for a servicing tail between 2030 and 2040, where required, consistent with the provisions of the Montreal Protocol. Deducted 10.47 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding. To allow for consideration of the final tranche of its HPMP, the Government should submit a detailed description of the regulatory and policy framework in place to implement measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the 2030-2040 period; and the expected annual HCFC consumption for the 2030-2040 period.

HFC phase down plan

| | | | | | |
|---|------|--|-----------|----------|-----------|
| Preparation of a Kigali HFC implementation plan | UNEP | | \$119,000 | \$15,470 | \$134,470 |
|---|------|--|-----------|----------|-----------|

* HCFC in ODP tonnes. HFC in metric tonnes

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/90/40
Annex VIII

| Project Title | Agency | ODP/Metric (tonnes)* | Funds approved (US\$) | | C.E. (US\$/kg) |
|---|--------------------------------|-------------------------|-----------------------|-----------------|-------------------|
| | | | Project | Support | |
| Preparation of a Kigali HFC implementation plan | UNIDO | | \$51,000 | \$3,570 | \$54,570 |
| SEVERAL | | | | | |
| Ozone unit support | | | | | |
| Extension of the institutional strengthening project (phase X: UNEP 7/2022-6/2024) | | | \$85,000 | \$0 | \$85,000 |
| | Total for Chad | 5.2 | \$588,000 | \$49,501 | \$637,501 |
| COSTA RICA | | | | | |
| PHASE-OUT PLAN | | | | | |
| HCFC phase out plan | | | | | |
| HCFC phase-out management plan (stage II, second tranche) UNDP | | | \$385,750 | \$27,003 | \$412,753 |
| <i>Noted the commitment of the Government of Costa Rica to complete the polyurethane foam conversion project in Refrigeracion Omega during the second tranche of stage II of the HPMP and to promulgate the ban on imports of HCFC 141b contained in imported pre blended polyols upon completion of the conversion.</i> | | | | | |
| | Total for Costa Rica | | \$385,750 | \$27,003 | \$412,753 |
| COTE D'IVOIRE | | | | | |
| PHASE-OUT PLAN | | | | | |
| HCFC phase out plan | | | | | |
| HCFC phase-out management plan (stage I, fifth tranche) UNEP | | | \$185,740 | \$22,482 | \$208,222 |
| <i>Approved, on an exceptional basis, given delay in implementing phase-out activities, and noting that no further extension of project implementation would be requested, the extension of the date of completion of stage I of the HPMP for Côte d'Ivoire to 31 December 2022.</i> | | | | | |
| <i>The Government, UNEP and UNIDO were requested to submit a progress report on the implementation of the work programme associated with the final tranche and the project completion report to the second meeting of the Executive Committee in 2023 and to return all remaining balances by 30 June 2023. Approved on the understanding that the Government will provide an update, through UNEP, at the 91st meeting, on the adoption of the inter-ministerial decree for regulating import, export, transit, re-export and trade of ODS, and other measures on strengthening monitoring and reporting systems relating to HCFC import and export.</i> | | | | | |
| | Total for Cote D'Ivoire | | \$185,740 | \$22,482 | \$208,222 |
| CUBA | | | | | |
| SEVERAL | | | | | |
| Ozone unit support | | | | | |
| Extension of institutional strengthening project (phase XII: UNEP 7/2022-6/2024) | | | \$190,804 | \$13,356 | \$204,160 |
| | Total for Cuba | | \$190,804 | \$13,356 | \$204,160 |

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/90/40
Annex VIII

| Project Title | Agency | ODP/Metric (tonnes)* | Funds approved (US\$) | | C.E. (US\$/kg) |
|---|--------|-------------------------|-----------------------|----------|-------------------|
| | | | Project | Support | Total |
| EQUATORIAL GUINEA | | | | | |
| PHASE-OUT PLAN | | | | | |
| HCFC phase out plan | | | | | |
| HCFC phase-out management plan (stage I, fifth tranche) | UNEP | | \$30,000 | \$3,900 | \$33,900 |
| <i>Approved, on an exceptional basis, given the delay in implementing phase-out activities, and noting that no further extension of project implementation would be requested, the extension of the date of completion of stage I of the HPMP for Equatoria Guinea to 31 December 2023.</i> | | | | | |
| Total for Equatorial Guinea | | | \$30,000 | \$3,900 | \$33,900 |
| ETHIOPIA | | | | | |
| PHASE-OUT PLAN | | | | | |
| HFC phase down plan | | | | | |
| Preparation of a Kigali HFC implementation plan | UNIDO | | \$39,000 | \$2,730 | \$41,730 |
| Preparation of a Kigali HFC implementation plan | UNEP | | \$91,000 | \$11,830 | \$102,830 |
| SEVERAL | | | | | |
| Ozone unit support | | | | | |
| Extension of the institutional strengthening project (phase IX: 1/2023-12/2024) | UNEP | | \$85,000 | \$0 | \$85,000 |
| Total for Ethiopia | | | \$215,000 | \$14,560 | \$229,560 |
| GAMBIA | | | | | |
| PHASE-OUT PLAN | | | | | |
| HFC phase down plan | | | | | |
| Preparation of a Kigali HFC implementation plan | UNEP | | \$91,000 | \$11,830 | \$102,830 |
| Preparation of a Kigali HFC implementation plan | UNIDO | | \$39,000 | \$2,730 | \$41,730 |
| Total for Gambia | | | \$130,000 | \$14,560 | \$144,560 |

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/90/40
Annex VIII

| Project Title | Agency | ODP/Metric (tonnes)* | Funds approved (US\$) | | C.E. (US\$/kg) |
|---------------|--------|-------------------------|-----------------------|---------|-------------------|
| | | | Project | Support | |

GRENADA

PHASE-OUT PLAN

HCFC phase out plan

| | | | | | |
|--|------|-----|-----------|----------|-----------|
| HCFC phase-out management plan (stage II, first tranche) | UNEP | 0.1 | \$111,000 | \$14,430 | \$125,430 |
|--|------|-----|-----------|----------|-----------|

Approved in accordance with the Agreement between the Government and the Executive Committee for the period from 2022-2030 for the complete phase-out of HCFC consumption, on the understanding that no more funding from the Multilateral Fund would be provided for the phase-out of HCFCs. Noted the commitment of the Government to reduce HCFC consumption by 77 per cent of the country's baseline by 2025 and completely phase out HCFCs by 1 January 2030, and to ban HCFC imports after that date, except for those allowed for a servicing tail between 2030 and 2040, where required, consistent with the provisions of the Montreal Protocol; to ban the imports of new and second-hand HCFC-based equipment by 1 January 2024. Deducted 0.38 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding. To allow for consideration of the final tranche of its HPMP, the Government should submit: a detailed description of the regulatory and policy framework in place to implement measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the 2030-2040 period; and the expected annual HCFC consumption for the 2030-2040 period.

| | | | | | |
|--|-------|-----|----------|---------|----------|
| HCFC phase-out management plan (stage II, first tranche) | UNIDO | 0.1 | \$61,000 | \$5,490 | \$66,490 |
|--|-------|-----|----------|---------|----------|

Approved in accordance with the Agreement between the Government and the Executive Committee for the period from 2022-2030 for the complete phase-out of HCFC consumption, on the understanding that no more funding from the Multilateral Fund would be provided for the phase-out of HCFCs. Noted the commitment of the Government to reduce HCFC consumption by 77 per cent of the country's baseline by 2025 and completely phase out HCFCs by 1 January 2030, and to ban HCFC imports after that date, except for those allowed for a servicing tail between 2030 and 2040, where required, consistent with the provisions of the Montreal Protocol; to ban the imports of new and second-hand HCFC-based equipment by 1 January 2024. Deducted 0.38 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding. To allow for consideration of the final tranche of its HPMP, the Government should submit: a detailed description of the regulatory and policy framework in place to implement measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the 2030-2040 period; and the expected annual HCFC consumption for the 2030-2040 period.

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/90/40
Annex VIII

| Project Title | Agency | ODP/Metric (tonnes)* | Funds approved (US\$) | | C.E. (US\$/kg) |
|--|--------|-------------------------|-----------------------|-----------------|-------------------|
| | | | Project | Support | |
| HCFC phase-out management plan (stage I, third tranche) | UNEP | | \$21,000 | \$2,730 | \$23,730 |
| <i>Approved, on an exceptional basis, the extension of the date of completion of stage I of the HPMP for Grenada to 31 December 2023 in view of the delay in implementing phase out activities, on the understanding that no further extension of project implementation would be requested. Approved on the understanding that the Secretariat would monitor, through UNEP's annual progress report, the strengthening of customs' capacity to reduce data discrepancies; and UNEP would provide a report on the progress made on the strengthening of customs' capacity to reduce data discrepancies when submitting the second tranche of stage II of the HPMP.</i> | | | | | |
| Total for Grenada | | 0.2 | \$193,000 | \$22,650 | \$215,650 |
| GUINEA | | | | | |
| PHASE-OUT PLAN | | | | | |
| HFC phase down plan | | | | | |
| Preparation of a Kigali HFC implementation plan | UNEP | | \$133,000 | \$17,290 | \$150,290 |
| Preparation of a Kigali HFC implementation plan | UNIDO | | \$57,000 | \$3,990 | \$60,990 |
| SEVERAL | | | | | |
| Ozone unit support | | | | | |
| Extension of the institutional strengthening project (phase XII: 7/2022-6/2024) | UNEP | | \$85,000 | \$0 | \$85,000 |
| Total for Guinea | | | \$275,000 | \$21,280 | \$296,280 |
| HAITI | | | | | |
| SEVERAL | | | | | |
| Ozone unit support | | | | | |
| Extension of the institutional strengthening project (phase V: UNDP 7/2022-6/2024) | | | \$128,000 | \$8,960 | \$136,960 |
| Total for Haiti | | | \$128,000 | \$8,960 | \$136,960 |
| HONDURAS | | | | | |
| PHASE-OUT PLAN | | | | | |
| HFC phase down plan | | | | | |
| Preparation of a Kigali HFC implementation plan | UNIDO | | \$170,000 | \$11,900 | \$181,900 |
| SEVERAL | | | | | |
| Ozone unit support | | | | | |
| Extension of the institutional strengthening project (phase X: UNEP 7/2022-6/2024) | | | \$85,000 | \$0 | \$85,000 |
| Total for Honduras | | | \$255,000 | \$11,900 | \$266,900 |

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/90/40
Annex VIII

| Project Title | Agency | ODP/Metric (tonnes)* | Funds approved (US\$) | | C.E. (US\$/kg) |
|---|---------|-------------------------|-----------------------|----------|-------------------|
| | | | Project | Support | |
| INDONESIA | | | | | |
| SEVERAL | | | | | |
| Ozone unit support | | | | | |
| Extension of institutional strengthening project (phase XIII: 7/2022-6/2024) | UNDP | | \$347,194 | \$24,304 | \$371,498 |
| Total for Indonesia | | | \$347,194 | \$24,304 | \$371,498 |
| IRAN | | | | | |
| PHASE-OUT PLAN | | | | | |
| HCFC phase out plan | | | | | |
| HCFC phase-out management plan (stage II, fourth tranche) (foam sector) | Germany | 1.6 | \$95,500 | \$10,862 | \$106,362 |
| <i>Noted that US \$447,638, plus agency support cost of US \$31,335 for UNIDO, associated with the funding tranche for 2022, would be requested in 2023; and that the Fund Secretariat has updated the Agreement between the Government and the Executive Committee specifically, paragraph 1 and Appendix 2-A, based on the postponement of the funding tranche for 2022 to 2023 and the extension of stage II; and paragraph 17 was added to indicate that the updated Agreement supersedes that reached at the 77th meeting. Requested UNIDO, UNDP and the Governments of Germany and Italy to submit, along with the fifth tranche request, a detailed report on the status of the conversion of each of the foam projects covered under stage II including the financial viability, the current level of HCFC-141b consumption, the alternative technology selected, the total cost funded by the Multilateral Fund, and the level of co- financing, as applicable, in line with decision 84/74(c). Approved, on an exceptional basis, the extension of the duration of stage II of the HPMP for the Islamic Republic of Iran to 31 December 2025, given the implementation delays caused by the COVID-19 pandemic, on the understanding that no further extension would be requested.</i> | | | | | |
| HCFC phase-out management plan (stage II, fourth tranche) (commercial refrigeration sector) | UNDP | 0.7 | \$50,000 | \$3,500 | \$53,500 |
| <i>Noted that US \$447,638, plus agency support cost of US \$31,335 for UNIDO, associated with the funding tranche for 2022, would be requested in 2023; and that the Fund Secretariat has updated the Agreement between the Government and the Executive Committee specifically, paragraph 1 and Appendix 2-A, based on the postponement of the funding tranche for 2022 to 2023 and the extension of stage II; and paragraph 17 was added to indicate that the updated Agreement supersedes that reached at the 77th meeting. Requested UNIDO, UNDP and the Governments of Germany and Italy to submit, along with the fifth tranche request, a detailed report on the status of the conversion of each of the foam projects covered under stage II including the financial viability, the current level of HCFC-141b consumption, the alternative technology selected, the total cost funded by the Multilateral Fund, and the level of co- financing, as applicable, in line with decision 84/74(c). Approved, on an exceptional basis, the extension of the duration of stage II of the HPMP for the Islamic Republic of Iran to 31 December 2025, given the implementation delays caused by the COVID-19 pandemic, on the understanding that no further extension would be requested.</i> | | | | | |

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/90/40
Annex VIII

| Project Title | Agency | ODP/Metric (tonnes)* | Funds approved (US\$) | | | C.E. (US\$/kg) |
|---|--------|-------------------------|-----------------------|---------|----------|-------------------|
| | | | Project | Support | Total | |
| HCFC phase-out management plan (stage II, fourth tranche) (PMU) | UNDP | | \$92,000 | \$6,440 | \$98,440 | |

Noted that US \$447,638, plus agency support cost of US \$31,335 for UNIDO, associated with the funding tranche for 2022, would be requested in 2023; and that the Fund Secretariat has updated the Agreement between the Government and the Executive Committee specifically, paragraph 1 and Appendix 2-A, based on the postponement of the funding tranche for 2022 to 2023 and the extension of stage II; and paragraph 17 was added to indicate that the updated Agreement supersedes that reached at the 77th meeting. Requested UNIDO, UNDP and the Governments of Germany and Italy to submit, along with the fifth tranche request, a detailed report on the status of the conversion of each of the foam projects covered under stage II including the financial viability, the current level of HCFC-141b consumption, the alternative technology selected, the total cost funded by the Multilateral Fund, and the level of co- financing, as applicable, in line with decision 84/74(c). Approved, on an exceptional basis, the extension of the duration of stage II of the HPMP for the Islamic Republic of Iran to 31 December 2025, given the implementation delays caused by the COVID-19 pandemic, on the understanding that no further extension would be requested.

| | | | | | | |
|---|------|-----|-----------|----------|-----------|--|
| HCFC phase-out management plan (stage II, fourth tranche) (foam sector) | UNDP | 5.4 | \$322,231 | \$22,556 | \$344,787 | |
|---|------|-----|-----------|----------|-----------|--|

Noted that US \$447,638, plus agency support cost of US \$31,335 for UNIDO, associated with the funding tranche for 2022, would be requested in 2023; and that the Fund Secretariat has updated the Agreement between the Government and the Executive Committee specifically, paragraph 1 and Appendix 2-A, based on the postponement of the funding tranche for 2022 to 2023 and the extension of stage II; and paragraph 17 was added to indicate that the updated Agreement supersedes that reached at the 77th meeting. Requested UNIDO, UNDP and the Governments of Germany and Italy to submit, along with the fifth tranche request, a detailed report on the status of the conversion of each of the foam projects covered under stage II including the financial viability, the current level of HCFC-141b consumption, the alternative technology selected, the total cost funded by the Multilateral Fund, and the level of co- financing, as applicable, in line with decision 84/74(c). Approved, on an exceptional basis, the extension of the duration of stage II of the HPMP for the Islamic Republic of Iran to 31 December 2025, given the implementation delays caused by the COVID-19 pandemic, on the understanding that no further extension would be requested.

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/90/40
Annex VIII

| Project Title | Agency | ODP/Metric (tonnes)* | Funds approved (US\$) | | C.E. (US\$/kg) |
|---|---------|-------------------------|-----------------------|-----------|-------------------|
| | | | Project | Support | |
| HCFC phase-out management plan (stage II, fourth tranche) (commercial refrigeration sector) | Germany | 7.2 | \$502,500 | \$57,156 | \$559,656 |
| <i>Noted that US \$447,638, plus agency support cost of US \$31,335 for UNIDO, associated with the funding tranche for 2022, would be requested in 2023; and that the Fund Secretariat has updated the Agreement between the Government and the Executive Committee specifically, paragraph 1 and Appendix 2-A, based on the postponement of the funding tranche for 2022 to 2023 and the extension of stage II; and paragraph 17 was added to indicate that the updated Agreement supersedes that reached at the 77th meeting. Requested UNIDO, UNDP and the Governments of Germany and Italy to submit, along with the fifth tranche request, a detailed report on the status of the conversion of each of the foam projects covered under stage II including the financial viability, the current level of HCFC-141b consumption, the alternative technology selected, the total cost funded by the Multilateral Fund, and the level of co- financing, as applicable, in line with decision 84/74(c). Approved, on an exceptional basis, the extension of the duration of stage II of the HPMP for the Islamic Republic of Iran to 31 December 2025, given the implementation delays caused by the COVID-19 pandemic, on the understanding that no further extension would be requested.</i> | | | | | |
| Total for Iran | | 15.0 | \$1,062,231 | \$100,514 | \$1,162,745 |
| JAMAICA | | | | | |
| SEVERAL | | | | | |
| Ozone unit support | | | | | |
| Extension of institutional strengthening project (phase XI: 7/2022-6/2024) | UNEP | | \$85,000 | \$0 | \$85,000 |
| Total for Jamaica | | | \$85,000 | | \$85,000 |
| KYRGYZSTAN | | | | | |
| PHASE-OUT PLAN | | | | | |
| HCFC phase out plan | | | | | |
| Verification report on the implementation of stage II of the HCFC phase-out management plan | UNDP | | \$30,000 | \$2,700 | \$32,700 |
| <i>Approved on the understanding that the verification report should be submitted to the last meeting of 2023.</i> | | | | | |
| Total for Kyrgyzstan | | | \$30,000 | \$2,700 | \$32,700 |
| LESOTHO | | | | | |
| SEVERAL | | | | | |
| Ozone unit support | | | | | |
| Extension of the institutional strengthening project (phase XI: 1/2023-12/2024) | UNEP | | \$85,000 | \$0 | \$85,000 |
| Total for Lesotho | | | \$85,000 | | \$85,000 |

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/90/40
Annex VIII

| Project Title | Agency | ODP/Metric (tonnes)* | Funds approved (US\$) | | C.E. (US\$/kg) |
|---|--------|-------------------------|-----------------------|----------|-------------------|
| | | | Project | Support | |
| LIBERIA | | | | | |
| PHASE-OUT PLAN | | | | | |
| HCFC phase out plan | | | | | |
| HCFC phase-out management plan (stage II, first tranche) | UNEP | 1.0 | \$116,000 | \$15,080 | \$131,080 |
| <i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period from 2022-2030 for the complete phase-out of HCFC consumption, on the understanding that no more funding from the Multilateral Fund would be provided for the phase-out of HCFCs. Noted the commitment of the Government to reduce HCFC consumption by 68 per cent of the country's baseline by 2022, 72 per cent by 2023, 86 per cent by 2025, and to phase out HCFCs completely by 1 January 2030, and to ban HCFC imports after that date, except for those allowed for a servicing tail between 2030 and 2040 where required, consistent with the provisions of the Montreal Protocol; to set up an online HCFC licensing and quota system by 1 January 2023; to establish a mandatory certification scheme for RAC technicians as of 1 December 2023; and to ban the import of HCFC-based equipment by 1 January 2024. Deducted 3.45 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding. To allow for consideration of the final tranche of its HPMP, the Government should submit a detailed description of the regulatory and policy framework in place to implement measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the 2030-2040 period; and the expected annual HCFC consumption for the 2030-2040 period.</i> | | | | | |
| HCFC phase-out management plan (stage II, first tranche) | UNIDO | 0.7 | \$135,595 | \$12,204 | \$147,799 |
| <i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period from 2022-2030 for the complete phase-out of HCFC consumption, on the understanding that no more funding from the Multilateral Fund would be provided for the phase-out of HCFCs. Noted the commitment of the Government to reduce HCFC consumption by 68 per cent of the country's baseline by 2022, 72 per cent by 2023, 86 per cent by 2025, and to phase out HCFCs completely by 1 January 2030, and to ban HCFC imports after that date, except for those allowed for a servicing tail between 2030 and 2040 where required, consistent with the provisions of the Montreal Protocol; to set up an online HCFC licensing and quota system by 1 January 2023; to establish a mandatory certification scheme for RAC technicians as of 1 December 2023; and to ban the import of HCFC-based equipment by 1 January 2024. Deducted 3.45 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding. To allow for consideration of the final tranche of its HPMP, the Government should submit a detailed description of the regulatory and policy framework in place to implement measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the 2030-2040 period; and the expected annual HCFC consumption for the 2030-2040 period.</i> | | | | | |
| Total for Liberia | | 1.7 | \$251,595 | \$27,284 | \$278,879 |

* HCFC in ODP tonnes. HFC in metric tonnes

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/90/40
Annex VIII

| Project Title | Agency | ODP/Metric (tonnes)* | Funds approved (US\$) | | C.E. (US\$/kg) |
|---|--------|-------------------------|-----------------------|----------|-------------------|
| | | | Project | Support | Total |
| LIBYA | | | | | |
| PHASE-OUT PLAN | | | | | |
| HCFC phase out plan | | | | | |
| HCFC phase-out management plan (stage II, first tranche) (servicing sector) | UNIDO | 11.2 | \$915,750 | \$64,102 | \$979,852 |
| Requested UNIDO to submit the final progress report for stage I of the HPMP to the first meeting of 2023. Approved in accordance with the Agreement between the Government and the Executive Committee for the period from 2022-2027 to reduce HCFC consumption by 80.5 per cent of the country’s baseline. Deducted additional 31.90 ODP tonnes of HCFCs phased out during stage I and the 24.87 ODP tonnes of HCFCs associated with stage II from the remaining HCFC consumption eligible for funding. Allowed the submission of a foam sector plan during the implementation of stage II of the HPMP prior to 1 January 2024, to phase out the remaining consumption in the foam manufacturing sector. | | | | | |
| HCFC phase-out management plan (stage II, first tranche) (PMU) | UNIDO | | \$60,268 | \$4,219 | \$64,487 |
| Requested UNIDO to submit the final progress report for stage I of the HPMP to the first meeting of 2023. Approved in accordance with the Agreement between the Government and the Executive Committee for the period from 2022-2027 to reduce HCFC consumption by 80.5 per cent of the country’s baseline. Deducted additional 31.90 ODP tonnes of HCFCs phased out during stage I and the 24.87 ODP tonnes of HCFCs associated with stage II from the remaining HCFC consumption eligible for funding. Allowed the submission of a foam sector plan during the implementation of stage II of the HPMP prior to 1 January 2024, to phase out the remaining consumption in the foam manufacturing sector. | | | | | |
| Total for Libya | | 11.2 | \$976,018 | \$68,321 | \$1,044,339 |

* HCFC in ODP tonnes. HFC in metric tonnes

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/90/40
Annex VIII

| Project Title | Agency | ODP/Metric (tonnes)* | Funds approved (US\$) | | C.E. (US\$/kg) |
|--|--------|-------------------------|-----------------------|----------|-------------------|
| | | | Project | Support | |
| MADAGASCAR | | | | | |
| PHASE-OUT PLAN | | | | | |
| HCFC phase out plan | | | | | |
| HCFC phase-out management plan (stage II, first tranche) | UNEP | 3.4 | \$120,000 | \$15,094 | \$135,094 |
| <i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period from 2022-2030 for the complete phase-out of HCFC consumption, on the understanding that no more funding from the Multilateral Fund would be provided for the phase-out of HCFCs. Noted the commitment of the Government to completely phase out HCFCs by 1 January 2030, and to ban HCFC imports after that date, except for those allowed for a servicing tail between 2030 and 2040, where required, consistent with the provisions of the Montreal Protocol. Deducted 11.10 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding. Approved on the understanding that if the baseline data were revised, Appendix 2-A to the Agreement would be updated to include the revised figures for Montreal Protocol limits when the next tranche is submitted. To allow for consideration of the final tranche of its HPMP, the Government should submit a detailed description of the regulatory and policy framework in place to implement measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the 2030-2040 period; and the expected annual HCFC consumption for the 2030-2040 period.</i> | | | | | |
| HCFC phase-out management plan (stage II, first tranche) | UNIDO | 3.4 | \$187,720 | \$13,140 | \$200,860 |
| <i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period from 2022-2030 for the complete phase-out of HCFC consumption, on the understanding that no more funding from the Multilateral Fund would be provided for the phase-out of HCFCs. Noted the commitment of the Government to completely phase out HCFCs by 1 January 2030, and to ban HCFC imports after that date, except for those allowed for a servicing tail between 2030 and 2040, where required, consistent with the provisions of the Montreal Protocol. Deducted 11.10 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding. Approved on the understanding that if the baseline data were revised, Appendix 2-A to the Agreement would be updated to include the revised figures for Montreal Protocol limits when the next tranche is submitted. To allow for consideration of the final tranche of its HPMP, the Government should submit a detailed description of the regulatory and policy framework in place to implement measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the 2030-2040 period; and the expected annual HCFC consumption for the 2030-2040 period.</i> | | | | | |
| Total for Madagascar | | 6.8 | \$307,720 | \$28,234 | \$335,954 |
| MALAWI | | | | | |
| SEVERAL | | | | | |
| Ozone unit support | | | | | |
| Extension of the institutional strengthening project (phase XIII: 1/2023-12/2024) | UNEP | | \$85,418 | \$0 | \$85,418 |

List of projects and activities approved for funding

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Annex VIII

| Project Title | Agency | ODP/Metric (tonnes)* | Funds approved (US\$) | | C.E. (US\$/kg) |
|--|--------|-------------------------|-----------------------|---------|-------------------|
| | | | Project | Support | Total |
| Total for Malawi | | | \$85,418 | | \$85,418 |
| MALDIVES | | | | | |
| SEVERAL | | | | | |
| Ozone unit support | | | | | |
| Extension of the institutional strengthening project (phase XII: 12/2022-11/2024) | UNEP | | \$85,000 | \$0 | \$85,000 |
| Total for Maldives | | | \$85,000 | | \$85,000 |
| MARSHALL ISLANDS | | | | | |
| SEVERAL | | | | | |
| Ozone unit support | | | | | |
| Extension of institutional strengthening project (phase VIII: 1/2023-12/2024) | UNEP | | \$85,000 | \$0 | \$85,000 |
| Total for Marshall Islands | | | \$85,000 | | \$85,000 |
| MEXICO | | | | | |
| FOAM | | | | | |
| Multiple-subsectors | | | | | |
| Preparation for HFC investment projects in the foam sector | UNDP | | \$80,000 | \$5,600 | \$85,600 |
| REFRIGERATION | | | | | |
| Commercial | | | | | |
| Preparation for replacement of HFC-134a with HC-290 refrigerant in the manufacturing of commercial refrigerators at Friocima | UNDP | | \$30,000 | \$2,100 | \$32,100 |
| PHASE-OUT PLAN | | | | | |
| HCFC phase out plan | | | | | |
| HCFC phase-out management plan (stage II, fourth tranche) | UNEP | 0.5 | \$40,000 | \$5,200 | \$45,200 |
| <i>Noted that the Fund Secretariat has updated the Agreement between the Government and the Executive Committee, specifically: paragraph 1 and Appendix 2-A, to reflect the extension of duration of stage II and reallocation of the fourth tranche from 2020 to 2022 and the fifth tranche from 2022 to 2023, and paragraph 16, to indicate that the updated Agreement supersedes that reached at the 79th meeting. Approved, on an exceptional basis, the extension of the duration of stage II of the HPMP for Mexico to 31 December 2024, given the implementation delays caused by the COVID-19 pandemic, on the understanding that no further extension would be requested.</i> | | | | | |

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/90/40
Annex VIII

| Project Title | Agency | ODP/Metric (tonnes)* | Funds approved (US\$) | | | C.E. (US\$/kg) |
|---|-----------------------------|-------------------------|-----------------------|------------------|--------------------|-------------------|
| | | | Project | Support | Total | |
| HCFC phase-out management plan (stage II, fourth tranche) (cleaning agent phase-out in refrigeration servicing sector and project implementation and monitoring) | UNIDO | 21.3 | \$1,612,350 | \$112,865 | \$1,725,215 | |
| <i>Noted that the Fund Secretariat has updated the Agreement between the Government and the Executive Committee, specifically: paragraph 1 and Appendix 2-A, to reflect the extension of duration of stage II and reallocation of the fourth tranche from 2020 to 2022 and the fifth tranche from 2022 to 2023, and paragraph 16, to indicate that the updated Agreement supersedes that reached at the 79th meeting. Approved, on an exceptional basis, the extension of the duration of stage II of the HPMP for Mexico to 31 December 2024, given the implementation delays caused by the COVID-19 pandemic, on the understanding that no further extension would be requested.</i> | | | | | | |
| | Total for Mexico | 21.8 | \$1,762,350 | \$125,765 | \$1,888,115 | |
| MOZAMBIQUE | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| HCFC phase-out management plan (stage I, fifth tranche) | UNEP | | \$30,000 | \$3,900 | \$33,900 | |
| <i>Approved, on an exceptional basis, the extension of the duration of stage I of the HPMP for Mozambique to 30 June 2023, given the implementation delays caused by the COVID-19 pandemic, on the understanding that no further extension would be requested. Approved on the understanding that UNEP, UNIDO and the Government will intensify efforts to implement the remaining activities in stage I of the HPMP; that UNEP will submit a progress report to the first meeting of 2023 on the implementation of activities, including progress in the implementation of the verification recommendations; and that stage II will only be considered once the Secretariat has received confirmation that the equipment from the UNIDO component has been distributed to the beneficiaries and relevant training has taken place.</i> | | | | | | |
| HFC phase down plan | | | | | | |
| Preparation of a Kigali HFC implementation plan | UNEP | | \$119,000 | \$15,470 | \$134,470 | |
| Preparation of a Kigali HFC implementation plan | UNDP | | \$51,000 | \$3,570 | \$54,570 | |
| | Total for Mozambique | | \$200,000 | \$22,940 | \$222,940 | |

* HCFC in ODP tonnes. HFC in metric tonnes

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/90/40
Annex VIII

| Project Title | Agency | ODP/Metric (tonnes)* | Funds approved (US\$) | | C.E. (US\$/kg) |
|--|--------|-------------------------|-----------------------|----------|-------------------|
| | | | Project | Support | |
| NIGER | | | | | |
| PHASE-OUT PLAN | | | | | |
| HCFC phase out plan | | | | | |
| HCFC phase-out management plan (stage II, first tranche) | UNEP | 1.7 | \$108,000 | \$14,040 | \$122,040 |
| <i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period from 2022-2030 for the complete phase-out of HCFC consumption, on the understanding that no more funding from the Multilateral Fund would be provided for the phase-out of HCFCs. Noted the commitment of the Government to completely phase out HCFCs by 1 January 2030, and to ban HCFC imports after that date, except for those allowed for a servicing tail between 2030 and 2040, where required, consistent with the provisions of the Montreal Protocol; to issue a ban on the import of second hand HCFC-based equipment by 1 January 2025 and new HCFC-based equipment by 1 January 2026; and to establish regulatory measures to control the intended emissions of refrigerant during installation, servicing and decommissioning by 1 January 2025. Deducted 10.38 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding. To allow for consideration of the final tranche of its HPMP, the Government should submit a detailed description of the regulatory and policy framework in place to implement measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the 2030-2040 period; and the expected annual HCFC consumption for the 2030-2040 period.</i> | | | | | |
| HCFC phase-out management plan (stage II, first tranche) | UNIDO | 3.5 | \$243,500 | \$17,045 | \$260,545 |
| <i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period from 2022-2030 for the complete phase-out of HCFC consumption, on the understanding that no more funding from the Multilateral Fund would be provided for the phase-out of HCFCs. Noted the commitment of the Government to completely phase out HCFCs by 1 January 2030, and to ban HCFC imports after that date, except for those allowed for a servicing tail between 2030 and 2040, where required, consistent with the provisions of the Montreal Protocol; to issue a ban on the import of second hand HCFC-based equipment by 1 January 2025 and new HCFC-based equipment by 1 January 2026; and to establish regulatory measures to control the intended emissions of refrigerant during installation, servicing and decommissioning by 1 January 2025. Deducted 10.38 ODP tonnes of HCFCs from the remaining HCFC consumption eligible for funding. To allow for consideration of the final tranche of its HPMP, the Government should submit a detailed description of the regulatory and policy framework in place to implement measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the 2030-2040 period; and the expected annual HCFC consumption for the 2030-2040 period.</i> | | | | | |
| SEVERAL | | | | | |
| Ozone unit support | | | | | |
| Extension of institutional strengthening project (phase XIII: 7/2022-6/2024) | UNEP | | \$85,000 | \$0 | \$85,000 |
| Total for Niger | | 5.2 | \$436,500 | \$31,085 | \$467,585 |

| Project Title | Agency | ODP/Metric (tonnes)* | Funds approved (US\$) | | C.E. (US\$/kg) |
|---------------|--------|-------------------------|-----------------------|---------|-------------------|
| | | | Project | Support | |

PAKISTAN**PHASE-OUT PLAN****HCFC phase out plan**

| | | | | | |
|--|-------|-----|-----------|----------|-----------|
| HCFC phase-out management plan (stage III, first tranche) (foam sector) | UNIDO | 8.2 | \$356,083 | \$24,926 | \$381,009 |
|--|-------|-----|-----------|----------|-----------|

Approved in accordance with the Agreement between the Government and the Executive Committee for the period from 2022-2030 for the complete phase-out of HCFC consumption, on the understanding that no more funding would be provided from the Multilateral Fund for the phase out of HCFCs. Noted the commitment of the Government to completely phase out HCFCs by 1 January 2030, and to ban HCFC imports after that date, except for those allowed for a servicing tail between 2030 and 2040, where required, consistent with the provisions of the Montreal Protocol; to ban the import of HCFC-141b in pre-blended polyols prior to 1 January 2024; to ban the import of HCFC-based equipment and the use of HCFCs in manufacturing by 1 January 2026. Deducted the additional 24.58 ODP tonnes of HCFCs phased out during stage II and 56.99 ODP tonnes of HCFCs associated with stage III from the remaining HCFC consumption eligible for funding. To allow for consideration of the final tranche of its HPMP, the Government should submit a detailed description of the regulatory and policy framework in place to implement measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the 2030-2040 period; and if Pakistan were intending to have consumption during 2030-2040 period, in line with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol, the proposed modifications to the Agreement covering the period beyond 2030. The Government was requested to report the country's imports of HCFC-141b contained in pre-blended polyols in its country programme data reporting from 2023, in line with decision 88/72(e). The Government and UNIDO were requested to continue monitoring and to report, on an annual basis: information on the status of imports of pre-blended polyols containing HCFC-141b until the ban on such imports was in place; and an update on the progress of implementation of technical assistance for the foam sector.

List of projects and activities approved for funding

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| Project Title | Agency | ODP/Metric (tonnes)* | Funds approved (US\$) | | | C.E. (US\$/kg) |
|---|--------|-------------------------|-----------------------|----------|-----------|-------------------|
| | | | Project | Support | Total | |
| <p>HCFC phase-out management plan (stage III, first tranche) (PMU)</p> <p><i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period from 2022-2030 for the complete phase-out of HCFC consumption, on the understanding that no more funding would be provided from the Multilateral Fund for the phase out of HCFCs. Noted the commitment of the Government to completely phase out HCFCs by 1 January 2030, and to ban HCFC imports after that date, except for those allowed for a servicing tail between 2030 and 2040, where required, consistent with the provisions of the Montreal Protocol; to ban the import of HCFC-141b in pre-blended polyols prior to 1 January 2024; to ban the import of HCFC-based equipment and the use of HCFCs in manufacturing by 1 January 2026. Deducted the additional 24.58 ODP tonnes of HCFCs phased out during stage II and 56.99 ODP tonnes of HCFCs associated with stage III from the remaining HCFC consumption eligible for funding. To allow for consideration of the final tranche of its HPMP, the Government should submit a detailed description of the regulatory and policy framework in place to implement measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the 2030-2040 period; and if Pakistan were intending to have consumption during 2030-2040 period, in line with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol, the proposed modifications to the Agreement covering the period beyond 2030. The Government was requested to report the country's imports of HCFC-141b contained in pre-blended polyols in its country programme data reporting from 2023, in line with decision 88/72(e). The Government and UNIDO were requested to continue monitoring and to report, on an annual basis: information on the status of imports of pre-blended polyols containing HCFC-141b until the ban on such imports was in place; and an update on the progress of implementation of technical assistance for the foam sector.</i></p> | UNEP | | \$25,000 | \$2,873 | \$27,873 | |
| <p>HCFC phase-out management plan (stage II, fourth tranche) (domestic air-conditioner manufacturing sector)</p> <p><i>Noted the commitment of the enterprise Dawlance to convert 80 per cent of its production of air-conditioning equipment to HFC-32 by December 2023. Approved the request for the change of technology at the enterprise from R-290 to HFC-32, at the total project cost of US \$1,276,340, plus agency support costs of US \$89,344 for UNIDO. Noted that the enterprise Dawlance would not be eligible for further funding from the Multilateral Fund, and that any HFC consumption from the enterprise would be deducted from the country's starting point for HFC phase-down; that, as equipment to manufacture R-290-based air-conditioners had been provided to Dawlance with Multilateral Fund assistance, the enterprise could produce R 290-based air-conditioners instead of HFC-32-based air-conditioners without any additional assistance; and that the Agreement between the Government and the Executive Committee had been updated, specifically, Appendix 2-A, on the basis of the adjusted allocation of funding for the UNIDO component of the fourth tranche and paragraph 16, to indicate that the revised updated Agreement superseded that reached at the 88th meeting. The Government and UNIDO were requested to submit progress reports on the implementation of the work programme associated with the third and fourth tranches on a yearly basis through the completion of the project and the project completion report to the first meeting of 2025.</i></p> | UNIDO | 0.5 | \$161,340 | \$11,293 | \$172,633 | |

* HCFC in ODP tonnes. HFC in metric tonnes

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/90/40
Annex VIII

| Project Title | Agency | ODP/Metric (tonnes)* | Funds approved (US\$) | | | C.E. (US\$/kg) |
|--|--------|-------------------------|-----------------------|----------|-----------|-------------------|
| | | | Project | Support | Total | |
| HCFC phase-out management plan (stage III, first tranche) (refrigeration servicing sector) | UNEP | 4.6 | \$401,750 | \$46,161 | \$447,911 | |

Approved in accordance with the Agreement between the Government and the Executive Committee for the period from 2022-2030 for the complete phase-out of HCFC consumption, on the understanding that no more funding would be provided from the Multilateral Fund for the phase out of HCFCs. Noted the commitment of the Government to completely phase out HCFCs by 1 January 2030, and to ban HCFC imports after that date, except for those allowed for a servicing tail between 2030 and 2040, where required, consistent with the provisions of the Montreal Protocol; to ban the import of HCFC-141b in pre-blended polyols prior to 1 January 2024; to ban the import of HCFC-based equipment and the use of HCFCs in manufacturing by 1 January 2026. Deducted the additional 24.58 ODP tonnes of HCFCs phased out during stage II and 56.99 ODP tonnes of HCFCs associated with stage III from the remaining HCFC consumption eligible for funding. To allow for consideration of the final tranche of its HPMP, the Government should submit a detailed description of the regulatory and policy framework in place to implement measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the 2030-2040 period; and if Pakistan were intending to have consumption during 2030-2040 period, in line with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol, the proposed modifications to the Agreement covering the period beyond 2030. The Government was requested to report the country's imports of HCFC-141b contained in pre-blended polyols in its country programme data reporting from 2023, in line with decision 88/72(e). The Government and UNIDO were requested to continue monitoring and to report, on an annual basis: information on the status of imports of pre-blended polyols containing HCFC-141b until the ban on such imports was in place; and an update on the progress of implementation of technical assistance for the foam sector.

* HCFC in ODP tonnes. HFC in metric tonnes

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/90/40
Annex VIII

| Project Title | Agency | ODP/Metric (tonnes)* | Funds approved (US\$) | | | C.E. (US\$/kg) |
|---|--------|-------------------------|-----------------------|---------|-----------|-------------------|
| | | | Project | Support | Total | |
| HCFC phase-out management plan (stage III, first tranche) (PMU) | UNIDO | | \$130,000 | \$9,100 | \$139,100 | |

Approved in accordance with the Agreement between the Government and the Executive Committee for the period from 2022-2030 for the complete phase-out of HCFC consumption, on the understanding that no more funding would be provided from the Multilateral Fund for the phase out of HCFCs. Noted the commitment of the Government to completely phase out HCFCs by 1 January 2030, and to ban HCFC imports after that date, except for those allowed for a servicing tail between 2030 and 2040, where required, consistent with the provisions of the Montreal Protocol; to ban the import of HCFC-141b in pre-blended polyols prior to 1 January 2024; to ban the import of HCFC-based equipment and the use of HCFCs in manufacturing by 1 January 2026. Deducted the additional 24.58 ODP tonnes of HCFCs phased out during stage II and 56.99 ODP tonnes of HCFCs associated with stage III from the remaining HCFC consumption eligible for funding. To allow for consideration of the final tranche of its HPMP, the Government should submit a detailed description of the regulatory and policy framework in place to implement measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the 2030-2040 period; and if Pakistan were intending to have consumption during 2030-2040 period, in line with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol, the proposed modifications to the Agreement covering the period beyond 2030. The Government was requested to report the country's imports of HCFC-141b contained in pre-blended polyols in its country programme data reporting from 2023, in line with decision 88/72(e). The Government and UNIDO were requested to continue monitoring and to report, on an annual basis: information on the status of imports of pre-blended polyols containing HCFC-141b until the ban on such imports was in place; and an update on the progress of implementation of technical assistance for the foam sector.

* HCFC in ODP tonnes. HFC in metric tonnes

List of projects and activities approved for funding

UNEP/OzL.Pro/ExCom/90/40
Annex VIII

| Project Title | Agency | ODP/Metric (tonnes)* | Funds approved (US\$) | | | C.E. (US\$/kg) |
|--|--------|-------------------------|-----------------------|-----------|-------------|-------------------|
| | | | Project | Support | Total | |
| HCFC phase-out management plan (stage III, first tranche) (refrigeration servicing sector) | UNIDO | 11.3 | \$982,800 | \$68,796 | \$1,051,596 | |
| <p><i>Approved in accordance with the Agreement between the Government and the Executive Committee for the period from 2022-2030 for the complete phase-out of HCFC consumption, on the understanding that no more funding would be provided from the Multilateral Fund for the phase out of HCFCs. Noted the commitment of the Government to completely phase out HCFCs by 1 January 2030, and to ban HCFC imports after that date, except for those allowed for a servicing tail between 2030 and 2040, where required, consistent with the provisions of the Montreal Protocol; to ban the import of HCFC-141b in pre-blended polyols prior to 1 January 2024; to ban the import of HCFC-based equipment and the use of HCFCs in manufacturing by 1 January 2026. Deducted the additional 24.58 ODP tonnes of HCFCs phased out during stage II and 56.99 ODP tonnes of HCFCs associated with stage III from the remaining HCFC consumption eligible for funding. To allow for consideration of the final tranche of its HPMP, the Government should submit a detailed description of the regulatory and policy framework in place to implement measures to ensure that HCFC consumption was in compliance with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol for the 2030-2040 period; and if Pakistan were intending to have consumption during 2030-2040 period, in line with paragraph 8 ter(e)(i) of Article 5 of the Montreal Protocol, the proposed modifications to the Agreement covering the period beyond 2030. The Government was requested to report the country's imports of HCFC-141b contained in pre-blended polyols in its country programme data reporting from 2023, in line with decision 88/72(e). The Government and UNIDO were requested to continue monitoring and to report, on an annual basis: information on the status of imports of pre-blended polyols containing HCFC-141b until the ban on such imports was in place; and an update on the progress of implementation of technical assistance for the foam sector.</i></p> | | | | | | |
| Total for Pakistan | | 24.5 | \$2,056,973 | \$163,149 | \$2,220,122 | |
| PANAMA | | | | | | |
| SEVERAL | | | | | | |
| Ozone unit support | | | | | | |
| Extension of institutional strengthening project (phase X: 7/2022-6/2024) | UNDP | | \$191,360 | \$13,395 | \$204,755 | |
| Total for Panama | | | \$191,360 | \$13,395 | \$204,755 | |
| PERU | | | | | | |
| PHASE-OUT PLAN | | | | | | |
| HCFC phase out plan | | | | | | |
| HCFC phase-out management plan (stage II, third tranche) | UNDP | 6.5 | \$466,800 | \$32,676 | \$499,476 | |
| HCFC phase-out management plan (stage II, third tranche) | UNEP | 2.2 | \$83,200 | \$10,816 | \$94,016 | |
| Total for Peru | | 8.7 | \$550,000 | \$43,492 | \$593,492 | |

* HCFC in ODP tonnes. HFC in metric tonnes

List of projects and activities approved for funding

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Annex VIII

| Project Title | Agency | ODP/Metric (tonnes)* | Funds approved (US\$) | | C.E. (US\$/kg) |
|---|--------|-------------------------|-----------------------|----------|-------------------|
| | | | Project | Support | Total |
| QATAR | | | | | |
| SEVERAL | | | | | |
| Ozone unit support | | | | | |
| Renewal of the institutional strengthening project (phase VI: 7/2022-6/2024) | UNEP | | \$113,920 | \$0 | \$113,920 |
| Total for Qatar | | | \$113,920 | | \$113,920 |
| SAINT KITTS AND NEVIS | | | | | |
| SEVERAL | | | | | |
| Ozone unit support | | | | | |
| Extension of institutional strengthening project (phase VIII: 7/2022-6/2024) | UNEP | | \$85,000 | \$0 | \$85,000 |
| Total for Saint Kitts and Nevis | | | \$85,000 | | \$85,000 |
| SAO TOME AND PRINCIPE | | | | | |
| PHASE-OUT PLAN | | | | | |
| HFC phase down plan | | | | | |
| Preparation of a Kigali HFC implementation plan | UNEP | | \$130,000 | \$16,900 | \$146,900 |
| Total for Sao Tome and Principe | | | \$130,000 | \$16,900 | \$146,900 |
| SAUDI ARABIA | | | | | |
| SEVERAL | | | | | |
| Ozone unit support | | | | | |
| Extension of the institutional strengthening project (phase III: 7/2022-6/2024) | UNEP | | \$256,000 | \$0 | \$256,000 |
| Total for Saudi Arabia | | | \$256,000 | | \$256,000 |
| SERBIA | | | | | |
| PHASE-OUT PLAN | | | | | |
| HFC phase down plan | | | | | |
| Preparation of a Kigali HFC implementation plan | UNEP | | \$55,000 | \$7,150 | \$62,150 |
| Preparation of a Kigali HFC implementation plan | UNIDO | | \$115,000 | \$8,050 | \$123,050 |
| Total for Serbia | | | \$170,000 | \$15,200 | \$185,200 |
| SEYCHELLES | | | | | |
| PHASE-OUT PLAN | | | | | |
| HFC phase down plan | | | | | |
| Preparation of a Kigali HFC implementation plan | UNEP | | \$81,000 | \$10,530 | \$91,530 |

List of projects and activities approved for funding

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Annex VIII

| Project Title | Agency | ODP/Metric (tonnes)* | Funds approved (US\$) | | C.E. (US\$/kg) |
|--|---------|-------------------------|-----------------------|-----------------|-------------------|
| | | | Project | Support | |
| Preparation of Kigali HFC implementation plan | Germany | | \$49,000 | \$6,370 | \$55,370 |
| Total for Seychelles | | | \$130,000 | \$16,900 | \$146,900 |
| SOMALIA | | | | | |
| PHASE-OUT PLAN | | | | | |
| HFC phase down plan | | | | | |
| Preparation of a Kigali HFC implementation plan | UNEP | | \$51,000 | \$6,630 | \$57,630 |
| Preparation of a Kigali HFC implementation plan | UNIDO | | \$119,000 | \$8,330 | \$127,330 |
| Total for Somalia | | | \$170,000 | \$14,960 | \$184,960 |
| SYRIA | | | | | |
| SEVERAL | | | | | |
| Ozone unit support | | | | | |
| Extension of institutional strengthening (phase VI: 7/2022-6/2024) | UNIDO | | \$260,894 | \$18,263 | \$279,157 |
| Total for Syria | | | \$260,894 | \$18,263 | \$279,157 |
| TOGO | | | | | |
| PHASE-OUT PLAN | | | | | |
| HFC phase down plan | | | | | |
| Preparation of a Kigali HFC implementation plan | UNIDO | | \$51,000 | \$3,570 | \$54,570 |
| Preparation of a Kigali HFC implementation plan | UNEP | | \$119,000 | \$15,470 | \$134,470 |
| Total for Togo | | | \$170,000 | \$19,040 | \$189,040 |
| TURKEY | | | | | |
| PHASE-OUT PLAN | | | | | |
| HFC phase down plan | | | | | |
| Preparation of Kigali HFC implementation plan | UNDP | | \$100,000 | \$7,000 | \$107,000 |
| Preparation of a Kigali HFC implementation plan | UNIDO | | \$120,000 | \$8,400 | \$128,400 |
| Total for Turkey | | | \$220,000 | \$15,400 | \$235,400 |

List of projects and activities approved for funding

| Project Title | Agency | ODP/Metric (tonnes)* | Funds approved (US\$) | | C.E. (US\$/kg) |
|---|--------|-------------------------|-----------------------|-------------|-------------------|
| | | | | | |
| TURKMENISTAN | | | | | |
| SEVERAL | | | | | |
| Ozone unit support | | | | | |
| Extension of the institutional strengthening project (phase VI: 1/2023-12/2024) | UNIDO | | \$98,560 | \$6,899 | \$105,459 |
| Total for Turkmenistan | | | \$98,560 | \$6,899 | \$105,459 |
| UGANDA | | | | | |
| SEVERAL | | | | | |
| Ozone unit support | | | | | |
| Extension of the institutional strengthening project (phase V: 1/2023-12/2024) | UNEP | | \$85,000 | \$0 | \$85,000 |
| Total for Uganda | | | \$85,000 | | \$85,000 |
| GRAND TOTAL | | 121.3 | \$17,282,864 | \$1,272,007 | \$18,554,871 |

* HCFC in ODP tonnes. HFC in metric tonnes

Summary

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| Sector | Tonnes | | Funds approved (US\$) | | |
|---|--------------|-----|-----------------------|-------------|--------------|
| | (ODP/Metric) | | Project | Support | Total |
| BILATERAL COOPERATION | | | | | |
| Phase-out plan | 8.8 | | \$647,000 | \$74,388 | \$721,388 |
| TOTAL: | | | \$647,000 | \$74,388 | \$721,388 |
| INVESTMENT PROJECT | | | | | |
| Phase-out plan | 112.5 | | \$10,613,482 | \$847,312 | \$11,460,794 |
| TOTAL: | | | \$10,613,482 | \$847,312 | \$11,460,794 |
| WORK PROGRAMME AMENDMENT | | | | | |
| Foam | | | \$80,000 | \$5,600 | \$85,600 |
| Refrigeration | | | \$30,000 | \$2,100 | \$32,100 |
| Phase-out plan | | | \$2,571,000 | \$257,430 | \$2,828,430 |
| Several | | | \$3,341,382 | \$85,177 | \$3,426,559 |
| TOTAL: | | | \$6,022,382 | \$350,307 | \$6,372,689 |
| Summary by Parties and Implementing Agencies | | | | | |
| Germany | 8.8 | 8.8 | \$647,000 | \$74,388 | \$721,388 |
| IBRD | | | | | |
| UNDP | 19.5 | | \$4,757,544 | \$333,628 | \$5,091,172 |
| UNEP | 27.2 | | \$5,211,960 | \$391,474 | \$5,603,434 |
| UNIDO | 65.8 | | \$6,666,360 | \$472,517 | \$7,138,877 |
| GRAND TOTAL (HCFCs and HFCs) | 121.3 | | \$17,282,864 | \$1,272,007 | \$18,554,871 |

Balances on projects returned at the 90th meeting

| Agency | Project costs (US \$) | Support costs (US \$) | Total (US \$) |
|---|----------------------------------|----------------------------------|----------------------|
| UNDP (decisions 90/2(a)(ii) and 90/10(b)) | 2,267,481 | 169,147 | 2,436,628 |
| UNEP (decision 90/2(a)(ii)) | -17,118 | 23,719 | 6,601 |
| UNIDO (decision 90/2(a)(ii)) | 968,631 | 68,230 | 1,036,861 |
| Total | 3,218,994 | 261,096 | 3,480,090 |

Net allocations based on decisions of the 90th meeting

| Agency | Project costs (US \$) | Support costs (US \$) | Total (US \$) |
|---------------|------------------------------|------------------------------|----------------------|
| Germany | 647,000 | 74,388 | 721,388 |
| UNDP | 2,490,063 | 164,481 | 2,654,544 |
| UNEP | 5,229,078 | 367,755 | 5,596,833 |
| UNIDO | 5,697,729 | 404,287 | 6,102,016 |
| Total | 14,063,870 | 1,010,911 | 15,074,781 |

Annex IX

VIEWS EXPRESSED BY THE EXECUTIVE COMMITTEE ON RENEWAL OF INSTITUTIONAL STRENGTHENING PROJECTS SUBMITTED TO THE 90th MEETING

Algeria

1. The Executive Committee reviewed the report presented with the request for the renewal of the institutional strengthening project for Algeria (phase VII) and noted with appreciation that Algeria reported 2014 to 2020 country programme implementation data to the Fund Secretariat and Article 7 data to the Ozone Secretariat indicating that the country is in compliance with the Montreal Protocol. The Committee further noted that the Government of Algeria has taken steps to phase out its consumption of HCFCs, specifically, it has taken initiatives to implement ODS import controls through a licensing and quota system, and train customs officers and refrigeration technicians. The Committee acknowledged the efforts of the Government of Algeria to reduce HCFC consumption and is therefore hopeful that, within the next two years, the Government will continue implementing activities with success to achieve and sustain the compliance with the Montreal Protocol.

Bahamas (the)

2. The Executive Committee reviewed the report presented with the request for the renewal of the institutional strengthening project for the Bahamas (phase VIII) and noted with appreciation that the Bahamas has reported 2020 and 2021 country programme implementation data and Article 7 data to the Fund and Ozone Secretariats, respectively, indicating that the country is in compliance with the Montreal Protocol. The Committee further noted that the Government of the Bahamas is on track with the HCFC phase-out schedule and that the country has a well-structured and operational licensing and quota system for the import of HCFCs. The Committee also acknowledged that the Government of the Bahamas has taken steps to ratify the Kigali Amendment and is therefore hopeful that, during the next two years, the Government will continue implementing activities both at the policy and project levels to enable the country to meet its HCFC phase-out targets and ratify the Kigali Amendment.

Bahrain

3. The Executive Committee reviewed the report presented with the request for the renewal of the institutional strengthening (IS) project (phase XI) for Bahrain and noted with appreciation that Bahrain reported 2019 and 2020 country programme implementation data and Article 7 data to the Fund and Ozone Secretariats, respectively, indicating that the country is in compliance with the Montreal Protocol. The Committee also noted that the Government of Bahrain has taken steps to improve legislation and upgrade its e-licensing system, train servicing technicians and customs officers, and organize outreach activities. The Committee further noted with appreciation the steps taken by the Government of Bahrain towards ratification of the Kigali Amendment. The Committee acknowledged the efforts of the Government of Bahrain and is therefore hopeful that, during the next two years, the Government will continue implementation of activities to enable the country to achieve the next targets of the Montreal Protocol.

Barbados

4. The Executive Committee reviewed the report presented with the request for the renewal of the institutional strengthening project for Barbados (phase VIII) and noted with appreciation that Barbados reported 2019 and 2020 country programme implementation data and Article 7 data to the Fund and Ozone Secretariats, respectively, indicating that the country is in compliance with the Montreal Protocol. The Committee acknowledged that the Government of Barbados is on track with the HCFC phase-out schedule and that the country has a well-structured and operational licensing and quota system for HCFC import. The Committee is therefore hopeful that, in the next two years, the Government of Barbados will continue

implementing activities both at the policy and project levels to enable the country to meet its HCFC phase-out targets and to initiate HFC phase-down activities.

Cabo Verde

5. The Executive Committee reviewed the report presented with the request for the renewal of the institutional strengthening for Cabo Verde (phase VIII) and noted with appreciation that Cabo Verde has reported 2020 and 2021 country programme implementation data and Article 7 data to the Fund and Ozone Secretariats, respectively, indicating that the country is in compliance with the Montreal Protocol. The Committee also noted that the country has an operational ODS import/export licensing and HCFC quota system in place. The Committee acknowledged with appreciation the ratification of the Kigali Amendment by Cabo Verde in October 2020. The Committee is therefore hopeful that, in the next two years, the Government of Cabo Verde will continue implementation of activities for HCFC phase-out and initiate activities for HFC phase-down.

Chad

6. The Executive Committee reviewed the report presented with the request for the renewal of the institutional strengthening project for Chad (phase X) and noted with appreciation that Chad reported 2020 and 2021 country programme implementation data and Article 7 data to the Fund and Ozone Secretariats, respectively, indicating that the country is in compliance with the Montreal Protocol. The Committee also noted that the Government of Chad has taken steps to phase out its consumption of HCFCs, in particular the implementation of ODS import controls through a licensing and quota system, and training of customs officers and refrigeration technicians. The Committee acknowledged the efforts of the Government of Chad to reduce HCFC consumption and is therefore hopeful that, within the next two years, the Government will continue implementation of its projects with success to enable the country to achieve and sustain the compliance with the Montreal Protocol.

Cuba

7. The Executive Committee reviewed the report presented with the request for renewal of the institutional strengthening project for Cuba (phase XII) and noted with appreciation Cuba had reported 2020 and 2021 country programme implementation data and Article 7 data to the Fund Secretariat and Ozone Secretariat, respectively, indicating that the country is in compliance with the Montreal Protocol. The Committee further noted that Cuba had taken steps to phase out ODS consumption; in particular, implementation of HCFC import controls through the licensing and quota system and establishing strong communication channels with customs authorities and other local authorities. The Committee noted with appreciation the preparatory activities to facilitate the implementation of the Kigali Amendment and the developed activities for public awareness relating to HCFC phase-out. The Committee acknowledged the efforts of Cuba to continue implementing Montreal Protocol activities during the COVID-19 pandemic and is, therefore, hopeful that during the next two years, the country will continue implementing these activities necessary to sustain the 35 per cent reduction in HCFC consumption and to achieve the next control measures.

Ethiopia

8. The Executive Committee reviewed the report presented with the request for the renewal of the institutional strengthening project for Ethiopia (phase IX) and noted with appreciation that Ethiopia had reported 2020 and 2021 country programme implementation data to the Fund Secretariat and Article 7 data to the Ozone Secretariat indicating that the country is in compliance with the Montreal Protocol. The Committee acknowledged that the Government of Ethiopia continued to implement its HCFC import and export licensing and quota system; carried out training for refrigeration technicians and customs officers; and developed and organized public awareness activities. The Committee is, therefore, hopeful that, during

the next two years, the Government of Ethiopia will continue implementing activities to enable the country to comply with the obligations under the Montreal Protocol.

Guinea

9. The Executive Committee reviewed the report presented with the request for the renewal of the institutional strengthening project for Guinea (phase XII) and noted with appreciation that Guinea reported 2020 and 2021 country programme implementation data to the Fund Secretariat and Article 7 data to the Ozone Secretariat indicating that the country is in compliance with the Montreal Protocol. The Committee further noted that the Government of Guinea took steps to phase out consumption of HCFCs, including the implementation of ODS import controls through a licensing and quota system and training of customs officers and refrigeration technicians. The Committee appreciated the efforts of the Government of Guinea to reduce HCFC consumption and is therefore hopeful that, within the next two years, the Government will continue implementation of activities with success to enable the country to achieve and sustain the compliance with the Montreal Protocol.

Haiti

10. The Executive Committee reviewed the report presented with the request for renewal of the institutional strengthening project for Haiti (phase V) and noted with appreciation that Haiti reported 2020 and 2021 country programme implementation data and Article 7 data to the Fund Secretariat and Ozone Secretariat, respectively, indicating that the country is in compliance with the Montreal Protocol phase-out schedule. The Committee recognized that Haiti reduced its HCFC consumption by 35 per cent in 2020 from its baseline level and is, therefore, hopeful that during the next two years, the country will continue activities at both the policy and project levels to enable it to comply with the next control measures of the Montreal Protocol.

Honduras

11. The Executive Committee reviewed the report presented with the request for the renewal of the institutional strengthening project for Honduras (phase X) and noted with appreciation that Honduras has complied with its data reporting requirements under country programme implementation report and Article 7 of the Montreal Protocol, and its HCFC phase-out obligations under the Montreal Protocol. The Committee also noted that the Government of Honduras has an operational ODS import/export licensing and HCFC quota system in place and HFCs have been integrated in the licensing system, that the country trained refrigeration technicians on good refrigeration practices and safe handling of alternative substances, and carried out consultation meetings and raised the public awareness on ozone layer protection. The Committee is therefore hopeful that, in the next two years, the Government of Honduras will continue implementation of activities effectively to enable the country to meet the next HCFC control targets of the Montreal Protocol and to prepare for the HFC phase-down.

Indonesia

12. The Executive Committee reviewed the report presented with the request for the renewal of the institutional strengthening (IS) project for Indonesia (phase XIII) and noted with appreciation that Indonesia reported 2020 country programme implementation data and Article 7 data to the Fund Secretariat and Ozone Secretariat, respectively, indicating that the country achieved its HCFC reduction target for the year. The Committee noted the country's continued efforts in enforcing the control measures and sustaining ODS phased out, through implementing and monitoring of its ODS quota and licensing system. The Committee also acknowledged Indonesia's commitment to maintain the high standard and effective implementation of IS-related activities including providing technical assistance to local stakeholders, facilitating successful implementation of the HCFC phase-out management plan. The Committee commended Indonesia for

advancing internal procedures towards the ratification of the Kigali Amendment, and is hopeful that the ratification will occur soon.

Jamaica

13. The Executive Committee reviewed the report presented with the request for the renewal of the institutional strengthening project for Jamaica (phase XI) and noted with appreciation that Jamaica reported both its 2021 country programme implementation data and Article 7 data in March 2022, ahead of the deadlines. Both data sets indicated that the country is in compliance with the Montreal Protocol. The Committee also noted that the country has an operational HCFC licensing and quota system in place. The Committee acknowledged that the Government of Jamaica continued with its commitment to phase out HCFCs through implementation of its activities in cooperation with national stakeholders amidst the COVID-19 pandemic, and is therefore hopeful that, during the next two years, Jamaica will achieve the 67.5 per cent reduction by 2025, and ratify the Kigali Amendment.

Lesotho

14. The Executive Committee reviewed the report presented with the request for renewal of the institutional strengthening project for Lesotho (phase XI) and noted with appreciation that Lesotho had reported 2021 country programme implementation data to the Fund Secretariat and Article 7 data to the Ozone Secretariat indicating that the country is in compliance with the Montreal Protocol. The Committee further noted that the Government of Lesotho implemented a licensing and quota system to control ODS imports and trained Customs officers and refrigeration and air-conditioning technicians. The Committee acknowledged with appreciation that Lesotho ratified the Kigali Amendment in October 2019. The Committee is therefore hopeful that, in the next two years, the Government of Lesotho will continue implementing activities both at the policy and project levels to enable the country to meet the Montreal Protocol reduction targets.

Malawi

15. The Executive Committee reviewed the report presented with the request for the renewal of the institutional strengthening project for Malawi (phase XIII) and noted with appreciation that Malawi had reported 2020 and 2021 country programme implementation data to the Fund Secretariat and Article 7 data to the Ozone Secretariat indicating that the country is in compliance with the Montreal Protocol. The Committee further noted that the Government of Malawi had taken steps to phase out its HCFC consumption by implementing ODS import controls through a licensing and quota system and through the training of customs officers and refrigeration and air-conditioning technicians. The Committee is therefore hopeful that, within the next two years, the Government of Malawi will continue implementing activities both at the policy and project levels to enable the country to meet its Montreal Protocol reduction targets.

Maldives

16. The Executive Committee reviewed the report presented with the request for the renewal of the institutional strengthening project for Maldives (phase XII) and acknowledged with appreciation the efforts made by the Government of Maldives in the enforcement of the HFC licensing system and the timely submission of Article 7 data and country programme implementation data to the Ozone and Fund Secretariats, respectively. The Committee noted with appreciation that Maldives became the first country to successfully complete its accelerated HCFC phase-out management plan. The Committee further noted that the Government of Maldives maintains an online licensing system for both HCFCs and HFCs which enables the country to comply with its phase-out and reporting obligations. The Committee is therefore

confident that, in the next two years, the Government of Maldives will continue implementing activities both at the policy and project levels to meet the future targets of the Montreal Protocol.

Marshall Islands (the)

17. The Executive Committee reviewed the report presented with the request for the renewal of the institutional strengthening (IS) project for the Marshall Islands (phase VIII) and noted with appreciation that the Marshall Islands reported 2019 and 2020 country programme implementation data to the Fund Secretariat and Article 7 data to the Ozone Secretariat indicating that the country is in compliance with the Montreal Protocol. The Committee further noted that the Marshall Islands maintained zero ODS consumption during the implementation of phase VII of the IS project. The Committee acknowledged the efforts made by the Government of Marshall Islands in putting in place mandatory controls of HFCs and HFC blends and amending the Ozone Layer Protection Regulation which is expected to be completed during the upcoming phase. The Committee also noted the country's active participation in the regional network and the technical challenges in participating in the Montreal Protocol meetings due to time differences and limitations in internet connectivity. The Committee is hopeful that, in the next two years, the Marshall Islands will continue complying with Montreal Protocol obligations while ensuring gender mainstreaming when implementing Montreal Protocol activities.

Niger (the)

18. The Executive Committee reviewed the report presented with the request for the renewal of the institutional strengthening project for the Niger (phase XIII) and noted with appreciation that the Niger reported 2019, 2020 and 2021 country programme implementation data to the Fund Secretariat and Article 7 data to the Ozone Secretariat indicating that the country is in compliance with the Montreal Protocol. The Committee further noted that the Government of Niger took steps to phase out its HCFC consumption including the implementation of ODS import controls through a licensing and quota system, and training of customs officers and refrigeration and air-conditioning technicians. The Committee acknowledged the efforts of the Government of Niger to reduce HCFC consumption and is therefore hopeful that, within the next two years, the Government will continue implementation of its activities with success to meet and sustain the compliance with the Montreal Protocol.

Panama

19. The Executive Committee reviewed the report presented with the request for the renewal of the institutional strengthening (IS) project for Panama (phase X) and noted with appreciation that Panama reported 2020 and 2021 country programme implementation data and Article 7 data to the Fund Secretariat and Ozone Secretariat, respectively, indicating that the country is in compliance with the Montreal Protocol phase-out schedule. The Committee further noted that the Government of Panama has taken steps to phase out ODS consumption, including implementation of HCFC import controls through the licensing and quota system, and training of customs officers and refrigeration technicians. The Committee also noted with appreciation the initiation of activities to facilitate the implementation of the Kigali Amendment. The Committee acknowledged the efforts of Panama in maintaining implementation of IS and HCFC phase-out activities during the COVID-19 pandemic and is, therefore, hopeful that, during the next two years, Panama will continue these activities with success in order to sustain the 65 per cent reduction in HCFC consumption achieved since 1 January 2021 and to establish the foundation for the implementation of the Kigali Amendment.

Qatar

20. The Executive Committee reviewed the report presented with the request for the renewal of the institutional strengthening (IS) project for Qatar (phase VI) and noted with appreciation that Qatar reported 2019 and 2020 country programme implementation data to the Fund Secretariat and Article 7 data to the

Ozone Secretariat indicating that the country is in compliance with the Montreal Protocol. The Committee also noted that within the framework of the IS project, Qatar achieved 35 per cent reduction in HCFC baseline consumption in 2020 and is on track to achieve future obligations, and that on-going regulatory efforts will be further enhanced to ensure effective control of HCFC consumption. The Committee acknowledged the efforts of the Government of Qatar to reduce the consumption of HCFCs, and is therefore hopeful that, within the next two years, the Government will overcome the challenges faced during the previous phase and continue implementing activities to prepare the country to meet its 2025 target and set the required groundwork for ratification of the Kigali Amendment.

Saint Kitts and Nevis

21. The Executive Committee reviewed the report presented with the request for the renewal of the institutional strengthening project for Saint Kitts and Nevis (phase VIII) and noted with appreciation that the country has reported 2021 country programme implementation data to the Fund Secretariat and is preparing to submit its 2021 Article 7 data to the Ozone Secretariat. The Committee also noted that the Government of Saint Kitts and Nevis is on track with the HCFC phase out schedule and that the country has a well-structured and operational electronic licensing and quota system for HCFC import. The Committee further acknowledged that the country has plans to ratify the Kigali Amendment by the end of 2022. The Committee is therefore hopeful that, in the next two years, the Government of Saint Kitts and Nevis will continue implementing activities both at the policy and project levels to enable the country to meet its HCFC phase-out targets and to ratify the Kigali Amendment.

Saudi Arabia

22. The Executive Committee reviewed the report presented with the request for the renewal of the institutional strengthening project for Saudi Arabia (phase III) and noted with appreciation that Saudi Arabia reported 2019 and 2020 country programme data to the Fund Secretariat and Article 7 data to the Ozone Secretariat indicating that the country is in compliance with the Montreal Protocol. The Committee acknowledged the efforts of the Government of Saudi Arabia to reduce the consumption of HCFCs and is therefore hopeful that, within the next two years, the Government will continue implementation of its activities with success to prepare the country for further reduction in HCFC consumption to comply with the Montreal Protocol and to complete the process for Kigali Amendment ratification.

Syrian Arab Republic

23. The Executive Committee reviewed the report presented with the request for renewal of the institutional strengthening project for the Syrian Arab Republic (phase VI) and noted with appreciation that Syrian Arab Republic had reported 2019 and 2020 country programme implementation data and Article 7 data to the Fund Secretariat and Ozone Secretariat, respectively, indicating that the country is in compliance with the Montreal Protocol. The Committee further noted that the Syrian Arab Republic had taken steps to phase out HCFC consumption including strict monitoring of HCFC trade through the update of its ODS regulations and licensing system and the development of a new database for country data; and strengthening cooperation with key stakeholders through awareness-raising workshops on alternative technologies to facilitate the HCFC phase-out. The Committee noted with appreciation the ratification of the Kigali Amendment by the Syrian Arab Republic on 31 August 2020 and is, therefore, hopeful that the country will create an enabling environment to support the phase-down of HFCs.

Turkmenistan

24. The Executive Committee reviewed the report presented with the request for the renewal of the institutional strengthening project for Turkmenistan (phase VI) and noted with appreciation that the country reported 2020 and 2021 country programme implementation data and Article 7 data to the Fund Secretariat and Ozone Secretariat, respectively, indicating that the country is in compliance with the Montreal Protocol

phase-out schedule. The Committee also noted that Turkmenistan has demonstrated successful coordination with national agencies and stakeholders in managing and monitoring the implementation of ODS phase-out programmes which will assist the country in complying with its HCFC phase-out targets. The Committee is, therefore, hopeful that, in the next two years, Turkmenistan will continue to build upon the progress achieved and the experience gained in implementing ODS phase-out activities, particularly to implement its HCFC phase-out management plan as scheduled to achieve compliance with the control targets for HCFC consumption.

Uganda

25. The Executive Committee reviewed the report presented with the request for the renewal of the institutional strengthening project for Uganda (phase V) and noted with appreciation that Uganda reported 2020 country programme data to the Fund Secretariat and Article 7 data to the Ozone Secretariat indicating that the country is in compliance with the Montreal Protocol. The Committee acknowledged that the Government of Uganda has incorporated the provisions of the Kigali Amendment into its legal framework and has taken steps to phase out HCFCs by implementing ODS import controls through a licensing and quota system, and by training Customs officers and refrigeration and air-conditioning technicians. The Committee is therefore hopeful that, during the next two years, the Government of Uganda will continue implementing activities both at the policy and project levels to enable the country to meet its Montreal Protocol obligations.

Annex X

AGREEMENT BETWEEN THE GOVERNMENT OF THE BAHAMAS AND THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE REDUCTION IN CONSUMPTION OF HYDROCHLOROFLUOROCARBONS IN ACCORDANCE WITH STAGE II OF THE HCFC PHASE-OUT MANAGEMENT PLAN

Purpose

1. This Agreement represents the understanding of the Government of Bahamas (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone-depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of zero ODP tonnes by 1 January 2030 in compliance with Montreal Protocol schedule.
2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances that exceeds the level defined in row 1.2 of Appendix 2-A as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances that exceeds the level defined in row 4.1.3 (remaining consumption eligible for funding).
3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees, in principle, to provide the funding set out in row 3.1 of Appendix 2-A to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).
4. The Country agrees to implement this Agreement in accordance with the stage II of the HCFC phase-out management plan (HPMP) approved (“the Plan”). In accordance with sub-paragraph 5(b) of this Agreement, the Country will accept independent verification of the achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A of this Agreement. The aforementioned verification will be commissioned by the relevant bilateral or implementing agency.

Conditions for funding release

5. The Executive Committee will only provide the Funding in accordance with the Funding Approval Schedule when the Country satisfies the following conditions at least eight weeks in advance of the applicable Executive Committee meeting set out in the Funding Approval Schedule:
 - (a) That the Country has met the Targets set out in row 1.2 of Appendix 2-A for all relevant years. Relevant years are all years since the year in which this Agreement was approved. Years for which there are no due country programme implementation reports at the date of the Executive Committee meeting at which the funding request is being presented are exempted;
 - (b) That the meeting of these Targets has been independently verified for all relevant years, unless the Executive Committee decided that such verification would not be required;
 - (c) That the Country had submitted a Tranche Implementation Report in the form of Appendix 4-A (“Format of Tranche Implementation Reports and Plans”) covering each previous calendar year; that it had achieved a significant level of implementation of

activities initiated with previously approved tranches; and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent; and

- (d) That the Country has submitted a Tranche Implementation Plan in the form of Appendix 4-A covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen.

Monitoring

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous Tranche Implementation Plans in accordance with their roles and responsibilities set out in the same appendix.

Flexibility in the reallocation of funds

7. The Executive Committee agrees that the Country may have the flexibility to reallocate part or all of the approved funds, according to the evolving circumstances to achieve the smoothest reduction of consumption and phase-out of the Substances specified in Appendix 1-A:

- (a) Reallocations categorized as major changes must be documented in advance either in a Tranche Implementation Plan as foreseen in sub-paragraph 5(d) above, or as a revision to an existing Tranche Implementation Plan to be submitted eight weeks prior to any meeting of the Executive Committee, for its approval. Major changes would relate to:
 - (i) Issues potentially concerning the rules and policies of the Multilateral Fund;
 - (ii) Changes which would modify any clause of this Agreement;
 - (iii) Changes in the annual levels of funding allocated to individual bilateral or implementing agencies for the different tranches; and
 - (iv) Provision of funding for activities not included in the current endorsed Tranche Implementation Plan, or removal of an activity in the Tranche Implementation Plan, with a cost greater than 30 per cent of the total cost of the last approved tranche;
- (b) Reallocations not categorized as major changes may be incorporated in the approved Tranche Implementation Plan, under implementation at the time, and reported to the Executive Committee in the subsequent Tranche Implementation Report; and
- (c) Any remaining funds held by the bilateral or implementing agencies or the Country under the Plan will be returned to the Multilateral Fund upon completion of the last tranche foreseen under this Agreement.

Considerations for the refrigeration servicing sector

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sector included in the Plan, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and

- (b) The Country and relevant bilateral and/or implementing agencies would take into consideration relevant decisions on the refrigeration servicing sector during the implementation of the Plan.

Bilateral and implementing agencies

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. UNEP has agreed to be the lead implementing agency (the “Lead IA”) and UNIDO has agreed to be the cooperating implementing agency (the “Cooperating IA”) under the lead of the Lead IA in respect of the Country’s activities under this Agreement. The Country agrees to evaluations, which might be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of the Lead IA and/or Cooperating IA taking part in this Agreement.

10. The Lead IA will be responsible for ensuring co-ordinated planning, implementation and reporting of all activities under this Agreement, including but not limited to independent verification as per sub-paragraph 5(b). The Cooperating IA will support the Lead IA by implementing the Plan under the overall co-ordination of the Lead IA. The roles of the Lead IA and Cooperating IA are contained in Appendix 6-A and Appendix 6-B, respectively. The Executive Committee agrees, in principle, to provide the Lead IA and the Cooperating IA with the fees set out in rows 2.2 and 2.4 of Appendix 2-A.

Non-compliance with the Agreement

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amount set out in Appendix 7-A (“Reductions in Funding for Failure to Comply”) in respect of each ODP kg of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this Agreement, and take related decisions. Once decisions are taken, the specific case of non-compliance with this Agreement will not be an impediment for the provision of funding for future tranches as per paragraph 5 above.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decisions that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee, the Lead IA and the Cooperating IA to facilitate implementation of this Agreement. In particular, it will provide the Lead IA and the Cooperating IA with access to the information necessary to verify compliance with this Agreement.

Date of completion

14. The completion of the Plan and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption level has been specified in Appendix 2-A. Should at that time there still be activities that are outstanding, and which were foreseen in the last Tranche Implementation Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion of the Plan will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per sub-paragraphs 1(a), 1(b),

1(d), and 1(e) of Appendix 4-A will continue until the time of the completion of the Plan unless otherwise specified by the Executive Committee.

Validity

15. All of the conditions set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

16. This Agreement may be modified or terminated only by mutual written agreement of the Country and the Executive Committee of the Multilateral Fund.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

| Substance | Annex | Group | Starting point for aggregate reductions in consumption (ODP tonnes) |
|-----------|-------|-------|---|
| HCFC-22 | C | I | 4.81 |

APPENDIX 2-A: THE TARGETS, AND FUNDING

| Row | Particulars | 2022 | 2023-2024 | 2025 | 2026-2027 | 2028 | 2029 | 2030 | Total |
|-------|--|---------|-----------|---------|-----------|---------|------|--------|---------|
| 1.1 | Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes) | 3.13 | 3.13 | 1.56 | 1.56 | 1.56 | 1.56 | 0.00 | n/a |
| 1.2 | Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes) | 3.13 | 3.13 | 1.56 | 1.56 | 1.56 | 1.56 | 0.00 | n/a |
| 2.1 | Lead IA (UNEP) agreed funding (US \$) | 81,200 | 0 | 75,500 | 0 | 136,000 | 0 | 68,900 | 361,600 |
| 2.2 | Support costs for Lead IA (US \$) | 10,556 | 0 | 9,815 | 0 | 17,680 | 0 | 8,957 | 47,008 |
| 2.3 | Cooperating IA (UNIDO) agreed funding (US \$) | 97,000 | 0 | 133,080 | 0 | 0 | 0 | 0 | 230,080 |
| 2.4 | Support costs for Cooperating IA (US \$) | 8,730 | 0 | 11,977 | 0 | 0 | 0 | 0 | 20,707 |
| 3.1 | Total agreed funding (US \$) | 178,200 | 0 | 208,580 | 0 | 136,000 | 0 | 68,900 | 591,680 |
| 3.2 | Total support costs (US \$) | 19,286 | 0 | 21,792 | 0 | 17,680 | 0 | 8,957 | 67,715 |
| 3.3 | Total agreed costs (US \$) | 197,486 | 0 | 230,372 | 0 | 153,680 | 0 | 77,857 | 659,395 |
| 4.1.1 | Total phase-out of HCFC-22 agreed to be achieved under this Agreement (ODP tonnes) | | | | | | | | 3.13 |
| 4.1.2 | Phase-out of HCFC-22 to be achieved in the previous stage (ODP tonnes) | | | | | | | | 1.68 |
| 4.1.3 | Remaining eligible consumption for HCFC-22 (ODP tonnes) | | | | | | | | 0.00 |

*Date of completion of stage I: 30 June 2023

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval at the first meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF TRANCHE IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Tranche Implementation Report and Plans for each tranche request will consist of five parts:

- (a) A narrative report, with data provided by tranche, describing the progress achieved since the previous report, reflecting the situation of the Country in regard to phase out of the Substances, how the different activities contribute to it, and how they relate to each other. The report should include the amount of ODS phased out as a direct result from the implementation of activities, by substance, and the alternative technology used and the related phase-in of alternatives, to allow the Secretariat to provide to the Executive Committee information about the resulting change in climate relevant emissions. The report should further highlight successes, experiences, and challenges related to the different activities included in the Plan, reflecting any changes in the circumstances in the Country, and providing other relevant information. The report should also include information on and justification for any changes vis-à-vis the previously submitted Tranche Implementation Plan(s), such as delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes;
- (b) An independent verification report of the Plan results and the consumption of the Substances, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;
- (c) A written description of the activities to be undertaken during the period covered by the requested tranche, highlighting implementation milestones, the time of completion and the interdependence of the activities, and taking into account experiences made and progress achieved in the implementation of earlier tranches; the data in the plan will be provided by calendar year. The description should also include a reference to the overall Plan and progress achieved, as well as any possible changes to the overall Plan that are foreseen. The description should also specify and explain in detail such changes to the overall plan. This description of future activities can be submitted as a part of the same document as the narrative report under sub-paragraph (b) above;
- (d) A set of quantitative information for all Tranche Implementation Reports and Plans, submitted through an online database; and
- (e) An Executive Summary of about five paragraphs, summarizing the information of the above sub-paragraphs 1(a) to 1(d).

2. In the event that in a particular year two stages of the HPMP are being implemented in parallel, the following considerations should be taken in preparing the Tranche Implementation Reports and Plans:

- (a) The Tranche Implementation Reports and Plans referred to as part of this Agreement, will exclusively refer to activities and funds covered by this Agreement; and

- (b) If the stages under implementation have different HCFC consumption targets under Appendix 2-A of each Agreement in a particular year, the lower HCFC consumption target will be used as reference for compliance with these Agreements and will be the basis for the independent verification.

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. The National Ozone Unit (NOU), located within the Environment Monitoring and Risk Assessment Division (EMRAD), which is part of the Department of Environmental Health Services (DEHS) under the Ministry of the Environment and Housing, will be responsible for the day-to-day execution of project activities.

2. In carrying out this function, the NOU will follow the supervision and reporting procedures established by the Ministry. The head of the NOU (National Ozone Officer (NOO)) provides monthly reports on the Plan implementation to the head of EMRAD which directly supervises the NOU. In addition, for the Plan implementation specifically, the NOO consults and submits comprehensive annual reports on the Plan implementation directly to the Director of the DEHS.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities, including at least the following:
 - (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's HPMP;
 - (b) Assisting the Country in preparation of the Tranche Implementation Reports and Plans as per Appendix 4-A;
 - (c) Providing independent verification to the Executive Committee that the Targets have been met and associated tranche activities have been completed as indicated in the Tranche Implementation Plan consistent with Appendix 4-A;
 - (d) Ensuring that the experiences and progress is reflected in updates of the overall plan and in future Tranche Implementation Plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;
 - (e) Fulfilling the reporting requirements for the Tranche Implementation Reports and Plans and the overall plan as specified in Appendix 4-A for submission to the Executive Committee, and should include the activities implemented by the Cooperating IA;
 - (f) In the event that the last funding tranche is requested one or more years prior to the last year for which a consumption target had been established, annual tranche implementation reports and, where applicable, verification reports on the current stage of the Plan should be submitted until all activities foreseen had been completed and HCFC consumption targets had been met;
 - (g) Ensuring that appropriate independent technical experts carry out the technical reviews;
 - (h) Carrying out required supervision missions;

- (i) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Tranche Implementation Plan and accurate data reporting;
- (j) Co-ordinating the activities of the Cooperating IA, and ensuring appropriate sequence of activities;
- (k) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country and the Cooperating IA, the allocation of the reductions to the different budget items and to the funding of the Lead IA and Cooperating IA;
- (l) Ensuring that disbursements made to the Country are based on the use of the indicators;
- (m) Providing assistance with policy, management and technical support when required;
- (n) Reaching consensus with the Cooperating IA on any planning, co-ordination and reporting arrangements required to facilitate the implementation of the Plan; and
- (o) Timely releasing funds to the Country/participating enterprises for completing the activities related to the project.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent entity to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 6-B: ROLE OF THE COOPERATING IMPLEMENTING AGENCY

1. The Cooperating IA will be responsible for a range of activities. These activities are specified in the Plan, including at least the following:

- (a) Providing assistance for policy development when required;
- (b) Assisting the Country in the implementation and assessment of the activities funded by the Cooperating IA, and refer to the Lead IA to ensure a co-ordinated sequence in the activities;
- (c) Providing reports to the Lead IA on these activities, for inclusion in the consolidated reports as per Appendix 4-A; and
- (d) Reaching consensus with the Lead IA on any planning, co-ordination and reporting arrangements required to facilitate the implementation of the Plan.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$180 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met, on the understanding that the maximum funding reduction would not exceed the funding level of the tranche being requested. Additional measures might be considered in cases where non-compliance extends for two consecutive years.

2. In the event that the penalty needs to be applied for a year in which there are two Agreements in force (two stages of the HPMP being implemented in parallel) with different penalty levels, the application of the penalty will be determined on a case-by-case basis taking into consideration the specific sectors that lead to the non-compliance. If it is not possible to determine a sector, or both stages are addressing the same sector, the penalty level to be applied would be the largest.

Annex XI

AGREEMENT BETWEEN THE GOVERNMENT OF BENIN AND THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE REDUCTION IN CONSUMPTION OF HYDROCHLOROFLUOROCARBONS IN ACCORDANCE WITH STAGE II OF THE HCFC PHASE-OUT MANAGEMENT PLAN

Purpose

1. This Agreement represents the understanding of the Government of Benin (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone-depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of zero ODP tonnes by 1 January 2030 in compliance with Montreal Protocol schedule.
2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances that exceeds the level defined in row 1.2 of Appendix 2-A as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances that exceeds the level defined in row 4.1.3 (remaining consumption eligible for funding).
3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees, in principle, to provide the funding set out in row 3.1 of Appendix 2-A to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).
4. The Country agrees to implement this Agreement in accordance with the stage II of the HCFC phase-out management plan (HPMP) approved (“the Plan”). In accordance with sub-paragraph 5(b) of this Agreement, the Country will accept independent verification of the achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A of this Agreement. The aforementioned verification will be commissioned by the relevant bilateral or implementing agency.

Conditions for funding release

5. The Executive Committee will only provide the Funding in accordance with the Funding Approval Schedule when the Country satisfies the following conditions at least eight weeks in advance of the applicable Executive Committee meeting set out in the Funding Approval Schedule:
 - (a) That the Country has met the Targets set out in row 1.2 of Appendix 2-A for all relevant years. Relevant years are all years since the year in which this Agreement was approved. Years for which there are no due country programme implementation reports at the date of the Executive Committee meeting at which the funding request is being presented are exempted;
 - (b) That the meeting of these Targets has been independently verified for all relevant years, unless the Executive Committee decided that such verification would not be required;

- (c) That the Country had submitted a Tranche Implementation Report in the form of Appendix 4-A (“Format of Tranche Implementation Reports and Plans”) covering each previous calendar year; that it had achieved a significant level of implementation of activities initiated with previously approved tranches; and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent; and
- (d) That the Country has submitted a Tranche Implementation Plan in the form of Appendix 4-A covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen.

Monitoring

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous Tranche Implementation Plans in accordance with their roles and responsibilities set out in the same appendix.

Flexibility in the reallocation of funds

7. The Executive Committee agrees that the Country may have the flexibility to reallocate part or all of the approved funds, according to the evolving circumstances to achieve the smoothest reduction of consumption and phase-out of the Substances specified in Appendix 1-A:

- (a) Reallocations categorized as major changes must be documented in advance either in a Tranche Implementation Plan as foreseen in sub-paragraph 5(d) above, or as a revision to an existing Tranche Implementation Plan to be submitted eight weeks prior to any meeting of the Executive Committee, for its approval. Major changes would relate to:
 - (i) Issues potentially concerning the rules and policies of the Multilateral Fund;
 - (ii) Changes which would modify any clause of this Agreement;
 - (iii) Changes in the annual levels of funding allocated to individual bilateral or implementing agencies for the different tranches;
 - (iv) Provision of funding for activities not included in the current endorsed Tranche Implementation Plan, or removal of an activity in the Tranche Implementation Plan, with a cost greater than 30 per cent of the total cost of the last approved tranche; and
 - (v) Changes in alternative technologies, on the understanding that any submission for such a request would identify the associated incremental costs, the potential impact to the climate, and any differences in ODP tonnes to be phased out if applicable, as well as confirm that the Country agrees that potential savings related to the change of technology would decrease the overall funding level under this Agreement accordingly;
- (b) Reallocations not categorized as major changes may be incorporated in the approved Tranche Implementation Plan, under implementation at the time, and reported to the Executive Committee in the subsequent Tranche Implementation Report; and

- (c) Any remaining funds held by the bilateral or implementing agencies or the Country under the Plan will be returned to the Multilateral Fund upon completion of the last tranche foreseen under this Agreement.

Considerations for the refrigeration servicing sector

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sector included in the Plan, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and
- (b) The Country and relevant bilateral and/or implementing agencies would take into consideration relevant decisions on the refrigeration servicing sector during the implementation of the Plan.

Bilateral and implementing agencies

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. UNEP has agreed to be the lead implementing agency (the “Lead IA”) and UNIDO has agreed to be the cooperating implementing agency (the “Cooperating IA”) under the lead of the Lead IA in respect of the Country’s activities under this Agreement. The Country agrees to evaluations, which might be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of the Lead IA and/or Cooperating IA taking part in this Agreement.

10. The Lead IA will be responsible for ensuring co-ordinated planning, implementation and reporting of all activities under this Agreement, including but not limited to independent verification as per sub-paragraph 5(b). The Cooperating IA will support the Lead IA by implementing the Plan under the overall co-ordination of the Lead IA. The roles of the Lead IA and Cooperating IA are contained in Appendix 6-A and Appendix 6-B, respectively. The Executive Committee agrees, in principle, to provide the Lead IA and the Cooperating IA with the fees set out in rows 2.2 and 2.4 of Appendix 2-A.

Non-compliance with the Agreement

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amount set out in Appendix 7-A (“Reductions in Funding for Failure to Comply”) in respect of each ODP kg of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this Agreement, and take related decisions. Once decisions are taken, the specific case of non-compliance with this Agreement will not be an impediment for the provision of funding for future tranches as per paragraph 5 above.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decisions that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee, and the Lead IA and the Cooperating IA to facilitate implementation of this Agreement. In particular, it will provide the Lead IA and the Cooperating IA with access to the information necessary to verify compliance with this Agreement.

Date of completion

14. The completion of the Plan and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption level has been specified in Appendix 2-A. Should at that time there still be activities that are outstanding, and which were foreseen in the last Tranche Implementation Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion of the Plan will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per sub-paragraphs 1(a), 1(b), 1(d), and 1(e) of Appendix 4-A will continue until the time of the completion of the Plan unless otherwise specified by the Executive Committee.

Validity

15. All of the conditions set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

16. This Agreement may be modified or terminated only by mutual written agreement of the Country and the Executive Committee of the Multilateral Fund.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

| Substance | Annex | Group | Starting point for aggregate reductions in consumption (ODP tonnes) |
|-----------|-------|-------|---|
| HCFC-22 | C | I | 23.8 |

APPENDIX 2-A: THE TARGETS, AND FUNDING

| Row | Particulars | 2022 | 2023-2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | Total |
|-----|--|---------|-----------|---------|------|---------|------|------|---------|---------|
| 1.1 | Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes) | 15.47 | 15.47 | 7.73 | 7.73 | 7.73 | 7.73 | 7.73 | 0 | n/a |
| 1.2 | Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes) | 15.47 | 15.47 | 7.73 | 7.73 | 7.73 | 7.73 | 7.73 | 0 | n/a |
| 2.1 | Lead IA (UNEP) agreed funding (US \$) | 125,000 | 0 | 210,000 | 0 | 180,000 | 0 | 0 | 185,000 | 700,000 |
| 2.2 | Support costs for Lead IA (US \$) | 15,536 | 0 | 26,100 | 0 | 22,371 | 0 | 0 | 22,993 | 87,000 |
| 2.3 | Cooperating IA (UNIDO) agreed funding (US \$) | 200,000 | 0 | 0 | 0 | 270,000 | 0 | 0 | 0 | 470,000 |

| Row | Particulars | 2022 | 2023-2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | Total |
|-------|--|---------|-----------|---------|------|---------|------|------|---------|-----------|
| 2.4 | Support costs for Cooperating IA (US \$) | 14,000 | 0 | 0 | 0 | 18,900 | 0 | 0 | 0 | 32,900 |
| 3.1 | Total agreed funding (US \$) | 325,000 | 0 | 210,000 | 0 | 450,000 | 0 | 0 | 185,000 | 1,170,000 |
| 3.2 | Total support costs (US \$) | 29,536 | 0 | 26,100 | 0 | 41,271 | 0 | 0 | 22,993 | 119,900 |
| 3.3 | Total agreed costs (US \$) | 354,536 | 0 | 236,100 | 0 | 491,271 | 0 | 0 | 207,993 | 1,289,900 |
| 4.1.1 | Total phase-out of HCFC-22 agreed to be achieved under this Agreement (ODP tonnes) | | | | | | | | | 15.47 |
| 4.1.2 | Phase-out of HCFC-22 to be achieved in the previous stage (ODP tonnes) | | | | | | | | | 8.33 |
| 4.1.3 | Remaining eligible consumption for HCFC-22 (ODP tonnes) | | | | | | | | | 0 |

* Date of completion of stage I as per stage I Agreement: 31 December 2022

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval at the first meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF TRANCHE IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Tranche Implementation Report and Plans for each tranche request will consist of five parts:

- (a) A narrative report, with data provided by tranche, describing the progress achieved since the previous report, reflecting the situation of the Country in regard to phase out of the Substances, how the different activities contribute to it, and how they relate to each other. The report should include the amount of ODS phased out as a direct result from the implementation of activities, by substance, and the alternative technology used and the related phase-in of alternatives, to allow the Secretariat to provide to the Executive Committee information about the resulting change in climate relevant emissions. The report should further highlight successes, experiences, and challenges related to the different activities included in the Plan, reflecting any changes in the circumstances in the Country, and providing other relevant information. The report should also include information on and justification for any changes vis-à-vis the previously submitted Tranche Implementation Plan(s), such as delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes;
- (b) An independent verification report of the Plan results and the consumption of the Substances, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;
- (c) A written description of the activities to be undertaken during the period covered by the requested tranche, highlighting implementation milestones, the time of completion and the interdependence of the activities, and taking into account experiences made and progress achieved in the implementation of earlier tranches; the data in the plan will be provided by calendar year. The description should also include a reference to the overall Plan and progress achieved, as well as any possible changes to the overall Plan that are foreseen.

The description should also specify and explain in detail such changes to the overall plan. This description of future activities can be submitted as a part of the same document as the narrative report under sub-paragraph (b) above;

- (d) A set of quantitative information for all Tranche Implementation Reports and Plans, submitted through an online database; and
 - (e) An Executive Summary of about five paragraphs, summarizing the information of the above sub-paragraphs 1(a) to 1(d).
2. In the event that in a particular year two stages of the HPMP are being implemented in parallel, the following considerations should be taken in preparing the Tranche Implementation Reports and Plans:
- (a) The Tranche Implementation Reports and Plans referred to as part of this Agreement, will exclusively refer to activities and funds covered by this Agreement; and
 - (b) If the stages under implementation have different HCFC consumption targets under Appendix 2-A of each Agreement in a particular year, the lower HCFC consumption target will be used as reference for compliance with these Agreements and will be the basis for the independent verification.

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. Overall monitoring will be provided by the Government, through the National Ozone Unit (NOU), with assistance from the Lead IA. The NOU will submit annual progress reports on the status of implementation of the Plan to the Lead IA.
2. Consumption will be monitored and determined from official data of the import and export of substances as registered by the relevant Government departments. The NOU will compile and report on the following data and information each year on or before the relevant deadlines:
- (a) Reports on the consumption of the substances to be submitted to the Ozone Secretariat in line with Article 7 of the Montreal Protocol; and
 - (b) Reports on country programme data to be submitted to the Secretariat of the Multilateral Fund.
3. Monitoring the development of the Plan and verification of the achievement of the performance targets will be assigned to an independent local company or to independent local consultant(s) by the Lead IA. The company or consultant(s) responsible for verification will have full access to relevant technical and financial information related to the implementation of the Plan.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities, including at least the following:
- (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's HPMP;
 - (b) Assisting the Country in preparation of the Tranche Implementation Reports and Plans as per Appendix 4-A;

- (c) Providing independent verification to the Executive Committee that the Targets have been met and associated tranche activities have been completed as indicated in the Tranche Implementation Plan consistent with Appendix 4-A;
- (d) Ensuring that the experiences and progress is reflected in updates of the overall plan and in future Tranche Implementation Plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;
- (e) Fulfilling the reporting requirements for the Tranche Implementation Reports and Plans and the overall plan as specified in Appendix 4-A for submission to the Executive Committee, and should include the activities implemented by the Cooperating IA;
- (f) In the event that the last funding tranche is requested one or more years prior to the last year for which a consumption target had been established, annual tranche implementation reports and, where applicable, verification reports on the current stage of the Plan should be submitted until all activities foreseen had been completed and HCFC consumption targets had been met;
- (g) Ensuring that appropriate independent technical experts carry out the technical reviews;
- (h) Carrying out required supervision missions;
- (i) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Tranche Implementation Plan and accurate data reporting;
- (j) Co-ordinating the activities of the Cooperating IA, and ensuring appropriate sequence of activities;
- (k) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country and the Cooperating IA, the allocation of the reductions to the different budget items and to the funding of the Lead IA and the Cooperating IA;
- (l) Ensuring that disbursements made to the Country are based on the use of the indicators;
- (m) Providing assistance with policy, management and technical support when required;
- (n) Reaching consensus with the Cooperating IA on any planning, co-ordination and reporting arrangements required to facilitate the implementation of the Plan; and
- (o) Timely releasing funds to the Country/participating enterprises for completing the activities related to the project.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent entity to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 6-B: ROLE OF THE COOPERATING IMPLEMENTING AGENCIES

1. The Cooperating IA will be responsible for a range of activities. These activities are specified in the Plan, including at least the following:

- (a) Providing assistance for policy development when required;
- (b) Assisting the Country in the implementation and assessment of the activities funded by the Cooperating IA, and refer to the Lead IA to ensure a co-ordinated sequence in the activities;
- (c) Providing reports to the Lead IA on these activities, for inclusion in the consolidated reports as per Appendix 4-A; and
- (d) Reaching consensus with the Lead IA on any planning, co-ordination and reporting arrangements required to facilitate the implementation of the Plan.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$180 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met, on the understanding that the maximum funding reduction would not exceed the funding level of the tranche being requested. Additional measures might be considered in cases where non-compliance extends for two consecutive years.

2. In the event that the penalty needs to be applied for a year in which there are two Agreements in force (two stages of the HPMP being implemented in parallel) with different penalty levels, the application of the penalty will be determined on a case-by-case basis taking into consideration the specific sectors that lead to the non-compliance. If it is not possible to determine a sector, or both stages are addressing the same sector, the penalty level to be applied would be the largest.

Annex XII

AGREEMENT BETWEEN THE GOVERNMENT OF CHAD AND THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE REDUCTION IN CONSUMPTION OF HYDROCHLOROFLUOROCARBONS IN ACCORDANCE WITH STAGE II OF THE HCFC PHASE-OUT MANAGEMENT PLAN

Purpose

1. This Agreement represents the understanding of the Government of Chad (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone-depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of zero ODP tonnes by 1 January 2030 in compliance with Montreal Protocol schedule.
2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances that exceeds the level defined in row 1.2 of Appendix 2-A as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances that exceeds the level defined in row 4.1.3 (remaining consumption eligible for funding).
3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees, in principle, to provide the funding set out in row 3.1 of Appendix 2-A to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).
4. The Country agrees to implement this Agreement in accordance with the stage II of the HCFC phase-out management plan (HPMP) approved (“the Plan”). In accordance with sub-paragraph 5(b) of this Agreement, the Country will accept independent verification of the achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A of this Agreement. The aforementioned verification will be commissioned by the relevant bilateral or implementing agency.

Conditions for funding release

5. The Executive Committee will only provide the Funding in accordance with the Funding Approval Schedule when the Country satisfies the following conditions at least eight weeks in advance of the applicable Executive Committee meeting set out in the Funding Approval Schedule:
 - (a) That the Country has met the Targets set out in row 1.2 of Appendix 2-A for all relevant years. Relevant years are all years since the year in which this Agreement was approved. Years for which there are no due country programme implementation reports at the date of the Executive Committee meeting at which the funding request is being presented are exempted;
 - (b) That the meeting of these Targets has been independently verified for all relevant years, unless the Executive Committee decided that such verification would not be required;
 - (c) That the Country had submitted a Tranche Implementation Report in the form of Appendix 4-A (“Format of Tranche Implementation Reports and Plans”) covering each

previous calendar year; that it had achieved a significant level of implementation of activities initiated with previously approved tranches; and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent; and

- (d) That the Country has submitted a Tranche Implementation Plan in the form of Appendix 4-A covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen.

Monitoring

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous Tranche Implementation Plans in accordance with their roles and responsibilities set out in the same appendix.

Flexibility in the reallocation of funds

7. The Executive Committee agrees that the Country may have the flexibility to reallocate part or all of the approved funds, according to the evolving circumstances to achieve the smoothest reduction of consumption and phase-out of the Substances specified in Appendix 1-A:

- (a) Reallocations categorized as major changes must be documented in advance either in a Tranche Implementation Plan as foreseen in sub-paragraph 5(d) above, or as a revision to an existing Tranche Implementation Plan to be submitted eight weeks prior to any meeting of the Executive Committee, for its approval. Major changes would relate to:
 - (i) Issues potentially concerning the rules and policies of the Multilateral Fund;
 - (ii) Changes which would modify any clause of this Agreement;
 - (iii) Changes in the annual levels of funding allocated to individual bilateral or implementing agencies for the different tranches;
 - (iv) Provision of funding for activities not included in the current endorsed Tranche Implementation Plan, or removal of an activity in the Tranche Implementation Plan, with a cost greater than 30 per cent of the total cost of the last approved tranche;
- (b) Reallocations not categorized as major changes may be incorporated in the approved Tranche Implementation Plan, under implementation at the time, and reported to the Executive Committee in the subsequent Tranche Implementation Report; and
- (c) Any remaining funds held by the bilateral or implementing agencies or the Country under the Plan will be returned to the Multilateral Fund upon completion of the last tranche foreseen under this Agreement.

Considerations for the refrigeration servicing sector

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sector included in the Plan, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and
- (b) The Country and relevant bilateral and/or implementing agencies would take into consideration relevant decisions on the refrigeration servicing sector during the implementation of the Plan.

Implementing agencies

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. UNEP has agreed to be the lead implementing agency (the “Lead IA”) and UNIDO has agreed to be the cooperating implementing agency (the “Cooperating IA”) under the lead of the Lead IA in respect of the Country’s activities under this Agreement. The Country agrees to evaluations, which might be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of the Lead IA and/or Cooperating IA taking part in this Agreement.

10. The Lead IA will be responsible for ensuring co-ordinated planning, implementation and reporting of all activities under this Agreement, including but not limited to independent verification as per sub-paragraph 5(b). The Cooperating IA will support the Lead IA by implementing the Plan under the overall co-ordination of the Lead IA. The roles of the Lead IA and Cooperating IA are contained in Appendix 6-A and Appendix 6-B, respectively. The Executive Committee agrees, in principle, to provide the Lead IA and the Cooperating IA with the fees set out in rows 2.2 and 2.4 of Appendix 2-A.

Non-compliance with the Agreement

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amount set out in Appendix 7-A (“Reductions in Funding for Failure to Comply”) in respect of each ODP kg of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this Agreement, and take related decisions. Once decisions are taken, the specific case of non-compliance with this Agreement will not be an impediment for the provision of funding for future tranches as per paragraph 5 above.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decisions that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee, the Lead IA and the Cooperating IA to facilitate implementation of this Agreement. In particular, it will provide the Lead IA and the Cooperating IA with access to the information necessary to verify compliance with this Agreement.

Date of completion

14. The completion of the Plan and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption level has been specified in Appendix 2-A. Should at that time there still be activities that are outstanding, and which were foreseen in the last Tranche Implementation Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion of the Plan will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per sub-paragraphs 1(a), 1(b), 1(d), and 1(e) of Appendix 4-A will continue until the time of the completion of the Plan unless otherwise specified by the Executive Committee.

Validity

15. All of the conditions set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

16. This Agreement may be modified or terminated only by mutual written agreement of the Country and the Executive Committee of the Multilateral Fund.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

| Substance | Annex | Group | Starting point for aggregate reductions in consumption (ODP tonnes) |
|-----------|-------|-------|---|
| HCFC-22 | C | I | 16.10 |

APPENDIX 2-A: THE TARGETS, AND FUNDING

| Row | Particulars | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | Total |
|-----|--|---------|-------|-------|---------|------|---------|------|------|---------|-----------|
| 1.1 | Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes) | 10.47 | 10.47 | 10.47 | 5.23 | 5.23 | 5.23 | 5.23 | 5.23 | 0.00 | n/a |
| 1.2 | Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes) | 10.47 | 10.47 | 10.47 | 5.23 | 5.23 | 5.23 | 5.23 | 5.23 | 0.00 | n/a |
| 2.1 | Lead IA (UNEP) agreed funding (US \$) | 128,500 | 0 | 0 | 208,500 | 0 | 198,000 | 0 | 0 | 104,000 | 639,000 |
| 2.2 | Support costs for Lead IA (US \$) | 16,146 | 0 | 0 | 26,198 | 0 | 24,879 | 0 | 0 | 13,067 | 80,290 |
| 2.3 | Cooperating IA (UNIDO) agreed funding (US \$) | 204,500 | 0 | 0 | 0 | 0 | 196,500 | 0 | 0 | 0 | 401,000 |
| 2.4 | Support costs for Cooperating IA (US \$) | 14,315 | 0 | 0 | 0 | 0 | 13,755 | 0 | 0 | 0 | 28,070 |
| 3.1 | Total agreed funding (US \$) | 333,000 | 0 | 0 | 208,500 | 0 | 394,500 | 0 | 0 | 104,000 | 1,040,000 |
| 3.2 | Total support costs (US \$) | 30,461 | 0 | 0 | 26,198 | 0 | 38,634 | 0 | 0 | 13,067 | 108,360 |
| 3.3 | Total agreed costs (US \$) | 363,461 | 0 | 0 | 234,698 | 0 | 433,134 | 0 | 0 | 117,067 | 1,148,360 |

| Row | Particulars | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | Total |
|-------|--|------|------|------|------|------|------|------|------|------|-------|
| 4.1.1 | Total phase-out of HCFC-22 agreed to be achieved under this Agreement (ODP tonnes) | | | | | | | | | | 10.47 |
| 4.1.2 | Phase-out of HCFC-22 to be achieved in the previous stage (ODP tonnes) | | | | | | | | | | 5.63 |
| 4.1.3 | Remaining eligible consumption for HCFC-22 (ODP tonnes) | | | | | | | | | | 0.00 |

*Date of completion of stage I as per stage I Agreement extended at the 87th meeting: 31 December 2022

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval at the first meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF TRANCHE IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Tranche Implementation Report and Plans for each tranche request will consist of five parts:

- (a) A narrative report, with data provided by tranche, describing the progress achieved since the previous report, reflecting the situation of the Country in regard to phase out of the Substances, how the different activities contribute to it, and how they relate to each other. The report should include the amount of ODS phased out as a direct result from the implementation of activities, by substance, and the alternative technology used and the related phase-in of alternatives, to allow the Secretariat to provide to the Executive Committee information about the resulting change in climate relevant emissions. The report should further highlight successes, experiences, and challenges related to the different activities included in the Plan, reflecting any changes in the circumstances in the Country, and providing other relevant information. The report should also include information on and justification for any changes vis-à-vis the previously submitted Tranche Implementation Plan(s), such as delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes;
- (b) An independent verification report of the Plan results and the consumption of the Substances, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;
- (c) A written description of the activities to be undertaken during the period covered by the requested tranche, highlighting implementation milestones, the time of completion and the interdependence of the activities, and taking into account experiences made and progress achieved in the implementation of earlier tranches; the data in the plan will be provided by calendar year. The description should also include a reference to the overall Plan and progress achieved, as well as any possible changes to the overall Plan that are foreseen. The description should also specify and explain in detail such changes to the overall plan. This description of future activities can be submitted as a part of the same document as the narrative report under sub-paragraph (b) above;
- (d) A set of quantitative information for all Tranche Implementation Reports and Plans, submitted through an online database; and

- (e) An Executive Summary of about five paragraphs, summarizing the information of the above sub-paragraphs 1(a) to 1(d).
- 2. In the event that in a particular year two stages of the HPMP are being implemented in parallel, the following considerations should be taken in preparing the Tranche Implementation Reports and Plans:
 - (a) The Tranche Implementation Reports and Plans referred to as part of this Agreement, will exclusively refer to activities and funds covered by this Agreement; and
 - (b) If the stages under implementation have different HCFC consumption targets under Appendix 2-A of each Agreement in a particular year, the lower HCFC consumption target will be used as reference for compliance with these Agreements and will be the basis for the independent verification.

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. Overall monitoring of the project activities and compliance with the country's obligations will be provided by the Government, through the national ozone unit (NOU), with assistance from the Lead IA. The NOU will submit annual progress reports of the status of implementation of the Plan to the Lead IA. The HCFC consumption will be monitored and determined from official data of the imports and exports of chemical substances as registered by the relevant Government departments. The verification of the achievement of the performance targets as per Executive Committee requirements will be assigned to an independent company or independent consultants, preferably selected on local bases and directly recruited by the Lead IA.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

- 1. The Lead IA will be responsible for a range of activities, including at least the following:
 - (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's HPMP;
 - (b) Assisting the Country in preparation of the Tranche Implementation Reports and Plans as per Appendix 4-A;
 - (c) Providing independent verification to the Executive Committee that the Targets have been met and associated tranche activities have been completed as indicated in the Tranche Implementation Plan consistent with Appendix 4-A;
 - (d) Ensuring that the experiences and progress is reflected in updates of the overall plan and in future Tranche Implementation Plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;
 - (e) Fulfilling the reporting requirements for the Tranche Implementation Reports and Plans and the overall plan as specified in Appendix 4-A for submission to the Executive Committee, and should include the activities implemented by the Cooperating IA;
 - (f) In the event that the last funding tranche is requested one or more years prior to the last year for which a consumption target had been established, annual tranche implementation reports and, where applicable, verification reports on the current stage of the Plan should

be submitted until all activities foreseen had been completed and HCFC consumption targets had been met;

- (g) Ensuring that appropriate independent technical experts carry out the technical reviews;
- (h) Carrying out required supervision missions;
- (i) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Tranche Implementation Plan and accurate data reporting;
- (j) Co-ordinating the activities of the Cooperating IA, and ensuring appropriate sequence of activities;
- (k) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country and the Cooperating IA, the allocation of the reductions to the different budget items and to the funding of the Lead IA and the Cooperating IA;
- (l) Ensuring that disbursements made to the Country are based on the use of the indicators;
- (m) Providing assistance with policy, management and technical support when required;
- (n) Reaching consensus with the Cooperating IA on any planning, co-ordination and reporting arrangements required to facilitate the implementation of the Plan; and
- (o) Timely releasing funds to the Country/participating enterprises for completing the activities related to the project.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent entity to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 6-B: ROLE OF THE COOPERATING IMPLEMENTING AGENCY

1. The Cooperating IA will be responsible for a range of activities. These activities are specified in the Plan, including at least the following:

- (a) Providing assistance for policy development when required;
- (b) Assisting the Country in the implementation and assessment of the activities funded by the Cooperating IA, and refer to the Lead IA to ensure a co-ordinated sequence in the activities;
- (c) Providing reports to the Lead IA on these activities, for inclusion in the consolidated reports as per Appendix 4-A; and
- (d) Reaching consensus with the Lead IA on any planning, co-ordination and reporting arrangements required to facilitate the implementation of the Plan.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$180 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met, on the understanding that the maximum funding reduction would not exceed the funding level of the tranche being requested. Additional measures might be considered in cases where non-compliance extends for two consecutive years.

2. In the event that the penalty needs to be applied for a year in which there are two Agreements in force (two stages of the HPMP being implemented in parallel) with different penalty levels, the application of the penalty will be determined on a case-by-case basis taking into consideration the specific sectors that lead to the non-compliance. If it is not possible to determine a sector, or both stages are addressing the same sector, the penalty level to be applied would be the largest.

Annex XIII

AGREEMENT BETWEEN THE GOVERNMENT OF GRENADA AND THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE REDUCTION IN CONSUMPTION OF HYDROCHLOROFLUOROCARBONS IN ACCORDANCE WITH STAGE II OF THE HCFC PHASE-OUT MANAGEMENT PLAN

Purpose

1. This Agreement represents the understanding of the Government of Grenada (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone-depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of zero ODP tonnes by 1 January 2030 in compliance with Montreal Protocol schedule.
2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances that exceeds the level defined in row 1.2 of Appendix 2-A as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances that exceeds the level defined in row 4.1.3 (remaining consumption eligible for funding).
3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees, in principle, to provide the funding set out in row 3.1 of Appendix 2-A to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).
4. The Country agrees to implement this Agreement in accordance with the stage II of the HCFC phase-out management plan (HPMP) approved (“the Plan”). In accordance with sub-paragraph 5(b) of this Agreement, the Country will accept independent verification of the achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A of this Agreement. The aforementioned verification will be commissioned by the relevant bilateral or implementing agency.

Conditions for funding release

5. The Executive Committee will only provide the Funding in accordance with the Funding Approval Schedule when the Country satisfies the following conditions at least eight weeks in advance of the applicable Executive Committee meeting set out in the Funding Approval Schedule:
 - (a) That the Country has met the Targets set out in row 1.2 of Appendix 2-A for all relevant years. Relevant years are all years since the year in which this Agreement was approved. Years for which there are no due country programme implementation reports at the date of the Executive Committee meeting at which the funding request is being presented are exempted;
 - (b) That the meeting of these Targets has been independently verified for all relevant years, unless the Executive Committee decided that such verification would not be required;
 - (c) That the Country had submitted a Tranche Implementation Report in the form of Appendix 4-A (“Format of Tranche Implementation Reports and Plans”) covering each

previous calendar year; that it had achieved a significant level of implementation of activities initiated with previously approved tranches; and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent; and

- (d) That the Country has submitted a Tranche Implementation Plan in the form of Appendix 4-A covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen.

Monitoring

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous Tranche Implementation Plans in accordance with their roles and responsibilities set out in the same appendix.

Flexibility in the reallocation of funds

7. The Executive Committee agrees that the Country may have the flexibility to reallocate part or all of the approved funds, according to the evolving circumstances to achieve the smoothest reduction of consumption and phase-out of the Substances specified in Appendix 1-A:

- (a) Reallocations categorized as major changes must be documented in advance either in a Tranche Implementation Plan as foreseen in sub-paragraph 5(d) above, or as a revision to an existing Tranche Implementation Plan to be submitted eight weeks prior to any meeting of the Executive Committee, for its approval. Major changes would relate to:
 - (i) Issues potentially concerning the rules and policies of the Multilateral Fund;
 - (ii) Changes which would modify any clause of this Agreement;
 - (iii) Changes in the annual levels of funding allocated to individual bilateral or implementing agencies for the different tranches;
 - (iv) Provision of funding for activities not included in the current endorsed Tranche Implementation Plan, or removal of an activity in the Tranche Implementation Plan, with a cost greater than 30 per cent of the total cost of the last approved tranche; and
 - (v) Changes in alternative technologies, on the understanding that any submission for such a request would identify the associated incremental costs, the potential impact to the climate, and any differences in ODP tonnes to be phased out if applicable, as well as confirm that the Country agrees that potential savings related to the change of technology would decrease the overall funding level under this Agreement accordingly;
- (b) Reallocations not categorized as major changes may be incorporated in the approved Tranche Implementation Plan, under implementation at the time, and reported to the Executive Committee in the subsequent Tranche Implementation Report;
- (c) Any remaining funds held by the bilateral or implementing agencies or the Country under the Plan will be returned to the Multilateral Fund upon completion of the last tranche foreseen under this Agreement.

Considerations for the refrigeration servicing sector

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sector included in the Plan, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and
- (b) The Country and relevant bilateral and/or implementing agencies would take into consideration relevant decisions on the refrigeration servicing sector during the implementation of the Plan.

Bilateral and implementing agencies

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. UNEP has agreed to be the lead implementing agency (the “Lead IA”) and UNIDO has agreed to be the cooperating implementing agency (the “Cooperating IA”) under the lead of the Lead IA in respect of the Country’s activities under this Agreement. The Country agrees to evaluations, which might be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of the Lead IA and/or Cooperating IA taking part in this Agreement.

10. The Lead IA will be responsible for ensuring co-ordinated planning, implementation and reporting of all activities under this Agreement, including but not limited to independent verification as per sub-paragraph 5(b). The Cooperating IA will support the Lead IA by implementing the Plan under the overall co-ordination of the Lead IA. The roles of the Lead IA and Cooperating IA are contained in Appendix 6-A and Appendix 6-B, respectively. The Executive Committee agrees, in principle, to provide the Lead IA and the Cooperating IA with the fees set out in rows 2.2 and 2.4 of Appendix 2-A.

Non-compliance with the Agreement

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amount set out in Appendix 7-A (“Reductions in Funding for Failure to Comply”) in respect of each ODP kg of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this Agreement, and take related decisions. Once decisions are taken, the specific case of non-compliance with this Agreement will not be an impediment for the provision of funding for future tranches as per paragraph 5 above.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decisions that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee, the Lead IA and the Cooperating IA to facilitate implementation of this Agreement. In particular, it will provide the Lead IA and the Cooperating IA with access to the information necessary to verify compliance with this Agreement.

Date of completion

14. The completion of the Plan and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption level has been specified in Appendix 2-A. Should at that time there still be activities that are outstanding, and which were foreseen in the last Tranche Implementation Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion of the Plan will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per sub-paragraphs 1(a), 1(b), 1(d), and 1(e) of Appendix 4-A will continue until the time of the completion of the Plan unless otherwise specified by the Executive Committee.

Validity

15. All of the conditions set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

16. This Agreement may be modified or terminated only by mutual written agreement of the Country and the Executive Committee of the Multilateral Fund.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

| Substance | Annex | Group | Starting point for aggregate reductions in consumption (ODP tonnes) |
|-----------|-------|-------|---|
| HCFC-22 | C | I | 0.58 |

APPENDIX 2-A: THE TARGETS, AND FUNDING

[illegible]

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval at the first meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF TRANCHE IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Tranche Implementation Report and Plans for each tranche request will consist of five parts:

- (a) A narrative report, with data provided by tranche, describing the progress achieved since the previous report, reflecting the situation of the Country in regard to phase-out of the Substances, how the different activities contribute to it, and how they relate to each other. The report should include the amount of ODS phased out as a direct result from the implementation of activities, by substance, and the alternative technology used and the related phase-in of alternatives, to allow the Secretariat to provide to the Executive Committee information about the resulting change in climate relevant emissions. The report should further highlight successes, experiences, and challenges related to the different activities included in the Plan, reflecting any changes in the circumstances in the Country, and providing other relevant information. The report should also include information on and justification for any changes vis-à-vis the previously submitted Tranche Implementation Plan(s), such as delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes;
- (b) An independent verification report of the Plan results and the consumption of the Substances, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;
- (c) A written description of the activities to be undertaken during the period covered by the requested tranche, highlighting implementation milestones, the time of completion and the interdependence of the activities, and taking into account experiences made and progress achieved in the implementation of earlier tranches; the data in the plan will be provided by calendar year. The description should also include a reference to the overall Plan and progress achieved, as well as any possible changes to the overall Plan that are foreseen. The description should also specify and explain in detail such changes to the overall plan. This description of future activities can be submitted as a part of the same document as the narrative report under sub-paragraph (b) above;
- (d) A set of quantitative information for all Tranche Implementation Reports and Plans, submitted through an online database; and
- (e) An Executive Summary of about five paragraphs, summarizing the information of the above sub-paragraphs 1(a) to 1(d).

2. In the event that in a particular year two stages of the HPMP are being implemented in parallel, the following considerations should be taken in preparing the Tranche Implementation Reports and Plans:

- (a) The Tranche Implementation Reports and Plans referred to as part of this Agreement, will exclusively refer to activities and funds covered by this Agreement; and

- (b) If the stages under implementation have different HCFC consumption targets under Appendix 2-A of each Agreement in a particular year, the lower HCFC consumption target will be used as reference for compliance with these Agreements and will be the basis for the independent verification.

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. The National Ozone Unit (NOU), located within the Energy Division, under the Ministry of Finance, Economic Development, Physical Development, Public Utilities and Energy, will be responsible for the day-to-day execution of project activities.
2. In carrying out this function, the NOU will follow the supervision and reporting procedures established by the Ministry. The head of the NOU, the National Ozone Officer (NOO) provides monthly reports on HPMP implementation to the Head of the Energy Division, which directly supervises the NOU. In addition, for the implementation of the Plan specifically, the NOO engages in consultations and submits comprehensive annual reports on the Plan implementation directly to the Head of the Division and the Permanent Secretary of the Ministry.
3. The monitoring of the Plan implementation will be conducted by the NOU; the verification of consumption and of the progress of implementation will be conducted by an independent consultant contracted by the Lead IA.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities, including at least the following:
 - (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's HPMP;
 - (b) Assisting the Country in preparation of the Tranche Implementation Reports and Plans as per Appendix 4-A;
 - (c) Providing independent verification to the Executive Committee that the Targets have been met and associated tranche activities have been completed as indicated in the Tranche Implementation Plan consistent with Appendix 4-A;
 - (d) Ensuring that the experiences and progress is reflected in updates of the overall plan and in future Tranche Implementation Plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;
 - (e) Fulfilling the reporting requirements for the Tranche Implementation Reports and Plans and the overall plan as specified in Appendix 4-A for submission to the Executive Committee, and should include the activities implemented by the Cooperating IA;
 - (f) In the event that the last funding tranche is requested one or more years prior to the last year for which a consumption target had been established, annual tranche implementation reports and, where applicable, verification reports on the current stage of the Plan should be submitted until all activities foreseen had been completed and HCFC consumption targets had been met;
 - (g) Ensuring that appropriate independent technical experts carry out the technical reviews;
 - (h) Carrying out required supervision missions;

- (i) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Tranche Implementation Plan and accurate data reporting;
- (j) Co-ordinating the activities of the Cooperating IA, and ensuring appropriate sequence of activities;
- (k) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country and the Cooperating IA, the allocation of the reductions to the different budget items and to the funding of the Lead IA and the Cooperating IA;
- (l) Ensuring that disbursements made to the Country are based on the use of the indicators;
- (m) Providing assistance with policy, management and technical support when required;
- (n) Reaching consensus with the Cooperating IA on any planning, co-ordination and reporting arrangements required to facilitate the implementation of the Plan; and
- (o) Timely releasing funds to the Country/participating enterprises for completing the activities related to the project.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent entity to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 6-B: ROLE OF THE COOPERATING IMPLEMENTING AGENCIES

1. The Cooperating IA will be responsible for a range of activities. These activities are specified in the Plan, including at least the following:

- (a) Providing assistance for policy development when required;
- (b) Assisting the Country in the implementation and assessment of the activities funded by the Cooperating IA, and refer to the Lead IA to ensure a co-ordinated sequence in the activities;
- (c) Providing reports to the Lead IA on these activities, for inclusion in the consolidated reports as per Appendix 4-A; and
- (d) Reaching consensus with the Lead IA on any planning, co-ordination and reporting arrangements required to facilitate the implementation of the Plan.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$180 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met, on the understanding that the maximum funding reduction would not exceed the funding level of the tranche being requested. Additional measures might be considered in cases where non-compliance extends for two consecutive years.

2. In the event that the penalty needs to be applied for a year in which there are two Agreements in force (two stages of the HPMP being implemented in parallel) with different penalty levels, the application

of the penalty will be determined on a case-by-case basis taking into consideration the specific sectors that lead to the non-compliance. If it is not possible to determine a sector, or both stages are addressing the same sector, the penalty level to be applied would be the largest.

Annex XIV

AGREEMENT BETWEEN THE GOVERNMENT OF LIBERIA AND THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE REDUCTION IN CONSUMPTION OF HYDROCHLOROFLUOROCARBONS IN ACCORDANCE WITH STAGE II OF THE HCFC PHASE-OUT MANAGEMENT PLAN

Purpose

1. This Agreement represents the understanding of the Government of Liberia (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of zero ODP tonnes by 1 January 2030 in compliance with Montreal Protocol schedule.
2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances that exceeds the level defined in row 1.2 of Appendix 2-A as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances that exceeds the level defined in row 4.1.3 (remaining consumption eligible for funding).
3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees, in principle, to provide the funding set out in row 3.1 of Appendix 2-A to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).
4. The Country agrees to implement this Agreement in accordance with the stage II of the HCFC phase-out management plan (HPMP) approved (“the Plan”). In accordance with sub-paragraph 5(b) of this Agreement, the Country will accept independent verification of the achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A of this Agreement. The aforementioned verification will be commissioned by the relevant bilateral or implementing agency.

Conditions for funding release

5. The Executive Committee will only provide the Funding in accordance with the Funding Approval Schedule when the Country satisfies the following conditions at least eight weeks in advance of the applicable Executive Committee meeting set out in the Funding Approval Schedule:
 - (a) That the Country has met the Targets set out in row 1.2 of Appendix 2-A for all relevant years. Relevant years are all years since the year in which this Agreement was approved. Years for which there are no due country programme implementation reports at the date of the Executive Committee meeting at which the funding request is being presented are exempted;
 - (b) That the meeting of these Targets has been independently verified for all relevant years, unless the Executive Committee decided that such verification would not be required;

- (c) That the Country had submitted a Tranche Implementation Report in the form of Appendix 4-A (“Format of Tranche Implementation Reports and Plans”) covering each previous calendar year; that it had achieved a significant level of implementation of activities initiated with previously approved tranches; and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent; and
- (d) That the Country has submitted a Tranche Implementation Plan in the form of Appendix 4-A covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen.

Monitoring

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous Tranche Implementation Plans in accordance with their roles and responsibilities set out in the same appendix.

Flexibility in the reallocation of funds

7. The Executive Committee agrees that the Country may have the flexibility to reallocate part or all of the approved funds, according to the evolving circumstances to achieve the smoothest reduction of consumption and phase-out of the Substances specified in Appendix 1-A:

- (a) Reallocations categorized as major changes must be documented in advance either in a Tranche Implementation Plan as foreseen in sub-paragraph 5(d) above, or as a revision to an existing Tranche Implementation Plan to be submitted eight weeks prior to any meeting of the Executive Committee, for its approval. Major changes would relate to:
 - (i) Issues potentially concerning the rules and policies of the Multilateral Fund;
 - (ii) Changes which would modify any clause of this Agreement;
 - (iii) Changes in the annual levels of funding allocated to individual bilateral or implementing agencies for the different tranches;
 - (iv) Provision of funding for activities not included in the current endorsed Tranche Implementation Plan, or removal of an activity in the Tranche Implementation Plan, with a cost greater than 30 per cent of the total cost of the last approved tranche;
- (b) Reallocations not categorized as major changes may be incorporated in the approved Tranche Implementation Plan, under implementation at the time, and reported to the Executive Committee in the subsequent Tranche Implementation Report; and
- (c) Any remaining funds held by the bilateral or implementing agencies or the Country under the Plan will be returned to the Multilateral Fund upon completion of the last tranche foreseen under this Agreement.

Considerations for the refrigeration servicing sector

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sector included in the Plan, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and
- (b) The Country and relevant bilateral and/or implementing agencies would take into consideration relevant decisions on the refrigeration servicing sector during the implementation of the Plan.

Bilateral and implementing agencies

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. UNEP has agreed to be the lead implementing agency (the “Lead IA”) and UNIDO has agreed to be the cooperating implementing agency (the “Cooperating IA”) under the lead of the Lead IA in respect of the Country’s activities under this Agreement. The Country agrees to evaluations, which might be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of the Lead IA and/or Cooperating IA taking part in this Agreement.

10. The Lead IA will be responsible for ensuring co-ordinated planning, implementation and reporting of all activities under this Agreement, including but not limited to independent verification as per sub-paragraph 5(b). The Cooperating IA will support the Lead IA by implementing the Plan under the overall co-ordination of the Lead IA. The roles of the Lead IA and Cooperating IA are contained in Appendix 6-A and Appendix 6-B, respectively. The Executive Committee agrees, in principle, to provide the Lead IA and the Cooperating IA with the fees set out in rows 2.2 and 2.4 of Appendix 2-A.

Non-compliance with the Agreement

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amount set out in Appendix 7-A (“Reductions in Funding for Failure to Comply”) in respect of each ODP kg of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this Agreement, and take related decisions. Once decisions are taken, the specific case of non-compliance with this Agreement will not be an impediment for the provision of funding for future tranches as per paragraph 5 above.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decisions that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee, the Lead IA and the Cooperating IA to facilitate implementation of this Agreement. In particular, it will provide the Lead IA and the Cooperating IA with access to the information necessary to verify compliance with this Agreement.

Date of completion

14. The completion of the Plan and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption level has been specified in Appendix 2-A. Should at that time there still be activities that are outstanding, and which were foreseen in the last Tranche Implementation Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion of the Plan will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per sub-paragraphs 1(a), 1(b), 1(d), and 1(e) of Appendix 4-A will continue until the time of the completion of the Plan unless otherwise specified by the Executive Committee.

Validity

15. All of the conditions set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

16. This Agreement may be modified or terminated only by mutual written agreement of the Country and the Executive Committee of the Multilateral Fund.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

| Substance | Annex | Group | Starting point for aggregate reductions in consumption (ODP tonnes) |
|-----------|-------|-------|--|
| HCFC-22 | C | I | 5.30 |

APPENDIX 2-A: THE TARGETS, AND FUNDING

| Row | Particulars | 2022 | 2023- 2024 | 2025 | 2026- 2029 | 2030 | Total |
|-------|--|---------|---------------|---------|---------------|--------|---------|
| 1.1 | Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes) | 3.45 | 3.45 | 1.72 | 1.72 | 0.00 | n/a |
| 1.2 | Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes) | 1.70 | 1.50 | 0.74 | 0.74 | 0.00 | n/a |
| 2.1 | Lead IA (UNEP) agreed funding (US \$) | 116,000 | 0 | 164,012 | 0 | 58,500 | 338,512 |
| 2.2 | Support costs for Lead IA (US \$) | 15,080 | 0 | 21,322 | 0 | 7,605 | 44,007 |
| 2.3 | Cooperating IA (UNIDO) agreed funding (US \$) | 135,595 | 0 | 110,893 | 0 | 0 | 246,488 |
| 2.4 | Support costs for Cooperating IA (US \$) | 12,204 | 0 | 9,980 | 0 | 0 | 22,184 |
| 3.1 | Total agreed funding (US \$) | 251,595 | 0 | 274,905 | 0 | 58,500 | 585,000 |
| 3.2 | Total support costs (US \$) | 27,284 | 0 | 31,302 | 0 | 7,605 | 66,191 |
| 3.3 | Total agreed costs (US \$) | 278,879 | 0 | 306,207 | 0 | 66,105 | 651,191 |
| 4.1.1 | Total phase-out of HCFC-22 agreed to be achieved under this Agreement (ODP tonnes) | | | | | | 3.45 |
| 4.1.2 | Phase-out of HCFC-22 to be achieved in the previous stage (ODP tonnes) | | | | | | 1.85 |
| 4.1.3 | Remaining eligible consumption for HCFC-22 (ODP tonnes) | | | | | | 0 |

*Date of completion of stage I as per stage I Agreement: 31 December 2021

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval at the first meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF TRANCHE IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Tranche Implementation Report and Plans for each tranche request will consist of five parts:

- (a) A narrative report, with data provided by tranche, describing the progress achieved since the previous report, reflecting the situation of the Country in regard to phase out of the Substances, how the different activities contribute to it, and how they relate to each other. The report should include the amount of ODS phased out as a direct result from the implementation of activities, by substance, and the alternative technology used and the related phase-in of alternatives, to allow the Secretariat to provide to the Executive Committee information about the resulting change in climate relevant emissions. The report should further highlight successes, experiences, and challenges related to the different activities included in the Plan, reflecting any changes in the circumstances in the Country, and providing other relevant information. The report should also include information on and justification for any changes vis-à-vis the previously submitted Tranche Implementation Plan(s), such as delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes;
- (b) An independent verification report of the Plan results and the consumption of the Substances, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;
- (c) A written description of the activities to be undertaken during the period covered by the requested tranche, highlighting implementation milestones, the time of completion and the interdependence of the activities, and taking into account experiences made and progress achieved in the implementation of earlier tranches; the data in the plan will be provided by calendar year. The description should also include a reference to the overall Plan and progress achieved, as well as any possible changes to the overall Plan that are foreseen. The description should also specify and explain in detail such changes to the overall plan. This description of future activities can be submitted as a part of the same document as the narrative report under sub-paragraph (b) above;
- (d) A set of quantitative information for all Tranche Implementation Reports and Plans, submitted through an online database; and
- (e) An Executive Summary of about five paragraphs, summarizing the information of the above sub paragraphs 1(a) to 1(d).

2. In the event that in a particular year two stages of the HPMP are being implemented in parallel, the following considerations should be taken in preparing the Tranche Implementation Reports and Plans:

- (a) The Tranche Implementation Reports and Plans referred to as part of this Agreement, will exclusively refer to activities and funds covered by this Agreement; and
- (b) If the stages under implementation have different HCFC consumption targets under Appendix 2-A of each Agreement in a particular year, the lower HCFC consumption target will be used as reference for compliance with these Agreements and will be the basis for the independent verification.

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. The national ozone unit will submit annual progress reports of status of implementation of the Plan to the Lead IA. The monitoring of development of the Plan and verification of the achievement of the performance targets, specified in the Plan, will be assigned to an independent local company or to independent local consultants by the Lead IA.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities, including at least the following:
- (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's HPMP;
 - (b) Assisting the Country in preparation of the Tranche Implementation Reports and Plans as per Appendix 4-A;
 - (c) Providing independent verification to the Executive Committee that the Targets have been met and associated tranche activities have been completed as indicated in the Tranche Implementation Plan consistent with Appendix 4-A;
 - (d) Ensuring that the experiences and progress is reflected in updates of the overall plan and in future Tranche Implementation Plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;
 - (e) Fulfilling the reporting requirements for the Tranche Implementation Reports and Plans and the overall plan as specified in Appendix 4-A for submission to the Executive Committee, and should include the activities implemented by the Cooperating IA;
 - (f) In the event that the last funding tranche is requested one or more years prior to the last year for which a consumption target had been established, annual tranche implementation reports and, where applicable, verification reports on the current stage of the Plan should be submitted until all activities foreseen had been completed and HCFC consumption targets had been met;
 - (g) Ensuring that appropriate independent technical experts carry out the technical reviews;
 - (h) Carrying out required supervision missions;

- (i) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Tranche Implementation Plan and accurate data reporting;
- (j) Co-ordinating the activities of the Cooperating IA, and ensuring appropriate sequence of activities;
- (k) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country and the Cooperating IA, the allocation of the reductions to the different budget items and to the funding of the Lead IA and the Cooperating IA;
- (l) Ensuring that disbursements made to the Country are based on the use of the indicators;
- (m) Providing assistance with policy, management and technical support when required;
- (n) Reaching consensus with the Cooperating IA on any planning, co-ordination and reporting arrangements required to facilitate the implementation of the Plan; and
- (o) Timely releasing funds to the Country/participating enterprises for completing the activities related to the project.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent entity to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 6-B: ROLE OF THE COOPERATING IMPLEMENTING AGENCY

1. The Cooperating IA will be responsible for a range of activities. These activities are specified in the Plan, including at least the following:

- (a) Providing assistance for policy development when required;
- (b) Assisting the Country in the implementation and assessment of the activities funded by the Cooperating IA, and refer to the Lead IA to ensure a co-ordinated sequence in the activities;
- (c) Providing reports to the Lead IA on these activities, for inclusion in the consolidated reports as per Appendix 4-A; and
- (d) Reaching consensus with the Lead IA on any planning, co-ordination and reporting arrangements required to facilitate the implementation of the Plan.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$180 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met, on the understanding that the maximum funding reduction would not exceed the funding level of the tranche being requested. Additional measures might be considered in cases where non-compliance extends for two consecutive years.

2. In the event that the penalty needs to be applied for a year in which there are two Agreements in force (two stages of the HPMP being implemented in parallel) with different penalty levels, the application of the penalty will be determined on a case-by-case basis taking into consideration the specific sectors that lead to the non-compliance. If it is not possible to determine a sector, or both stages are addressing the same sector, the penalty level to be applied would be the largest.

Annex XV

AGREEMENT BETWEEN THE GOVERNMENT OF LIBYA AND THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE REDUCTION IN CONSUMPTION OF HYDROCHLOROFLUOROCARBONS IN ACCORDANCE WITH STAGE II OF THE HCFC PHASE-OUT MANAGEMENT PLAN

Purpose

1. This Agreement represents the understanding of the Government of Libya (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone-depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of 23.08 ODP tonnes by 1 January 2027 in compliance with Montreal Protocol schedule.
2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances that exceeds the level defined in row 1.2 of Appendix 2-A as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances that exceeds the level defined in rows 4.1.3 and 4.2.3 (remaining consumption eligible for funding).
3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees, in principle, to provide the funding set out in row 3.1 of Appendix 2-A to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).
4. The Country agrees to implement this Agreement in accordance with the stage II of the HCFC phase-out management plan (HPMP) approved (“the Plan”). In accordance with sub-paragraph 5(b) of this Agreement, the Country will accept independent verification of the achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A of this Agreement. The aforementioned verification will be commissioned by the relevant bilateral or implementing agency.

Conditions for funding release

5. The Executive Committee will only provide the Funding in accordance with the Funding Approval Schedule when the Country satisfies the following conditions at least eight weeks in advance of the applicable Executive Committee meeting set out in the Funding Approval Schedule:
 - (a) That the Country has met the Targets set out in row 1.2 of Appendix 2-A for all relevant years. Relevant years are all years since the year in which this Agreement was approved. Years for which there are no due country programme implementation reports at the date of the Executive Committee meeting at which the funding request is being presented are exempted;
 - (b) That the meeting of these Targets has been independently verified for all relevant years, unless the Executive Committee decided that such verification would not be required;
 - (c) That the Country had submitted a Tranche Implementation Report in the form of Appendix 4-A (“Format of Tranche Implementation Reports and Plans”) covering each

previous calendar year; that it had achieved a significant level of implementation of activities initiated with previously approved tranches; and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent; and

- (d) That the Country has submitted a Tranche Implementation Plan in the form of Appendix 4-A covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen.

Monitoring

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous Tranche Implementation Plans in accordance with their roles and responsibilities set out in the same appendix.

Flexibility in the reallocation of funds

7. The Executive Committee agrees that the Country may have the flexibility to reallocate part or all of the approved funds, according to the evolving circumstances, to achieve the smoothest reduction of consumption and phase-out of the Substances specified in Appendix 1-A:

- (a) Reallocations categorized as major changes must be documented in advance either in a Tranche Implementation Plan as foreseen in sub-paragraph 5(d) above, or as a revision to an existing Tranche Implementation Plan to be submitted eight weeks prior to any meeting of the Executive Committee, for its approval. Major changes would relate to:
 - (i) Issues potentially concerning the rules and policies of the Multilateral Fund;
 - (ii) Changes which would modify any clause of this Agreement;
 - (iii) Changes in the annual levels of funding allocated to individual bilateral or implementing agencies for the different tranches;
 - (iv) Provision of funding for activities not included in the current endorsed Tranche Implementation Plan, or removal of an activity in the Tranche Implementation Plan, with a cost greater than 30 per cent of the total cost of the last approved tranche; and
 - (v) Changes in alternative technologies, on the understanding that any submission for such a request would identify the associated incremental costs, the potential impact to the climate, and any differences in ODP tonnes to be phased out if applicable, as well as confirm that the Country agrees that potential savings related to the change of technology would decrease the overall funding level under this Agreement accordingly;
- (b) Reallocations not categorized as major changes may be incorporated in the approved Tranche Implementation Plan, under implementation at the time, and reported to the Executive Committee in the subsequent Tranche Implementation Report;
- (c) Any enterprise to be converted to non-HCFC technology included in the Plan and that would be found to be ineligible under the policies of the Multilateral Fund (i.e., due to foreign ownership or establishment post the 21 September 2007 cut-off date), would not

receive financial assistance. This information would be reported as part of the Tranche Implementation Plan;

- (d) The Country commits to examining the possibility of using pre-blended systems with low-global-warming-potential blowing agents instead of blending them in-house for those foam enterprises covered under the Plan, should this be technically viable, economically feasible and acceptable to the enterprises;
- (e) The Country agrees, in cases where HFC technologies have been chosen as an alternative to HCFCs, and taking into account national circumstances related to health and safety: to monitor the availability of substitutes and alternatives that further minimize impacts on the climate; to consider, in the review of regulations standards and incentives adequate provisions that encourage introduction of such alternatives; and to consider the potential for adoption of cost-effective alternatives that minimize the climate impact in the implementation of the HPMP, as appropriate, and inform the Executive Committee on the progress accordingly in tranche implementation reports; and
- (f) Any remaining funds held by the bilateral or implementing agencies or the Country under the Plan will be returned to the Multilateral Fund upon completion of the last tranche foreseen under this Agreement.

Considerations for the refrigeration servicing sector

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sector included in the Plan, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and
- (b) The Country and relevant bilateral and/or implementing agencies would take into consideration relevant decisions on the refrigeration servicing sector during the implementation of the Plan.

Bilateral and implementing agencies

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. UNIDO has agreed to be the lead implementing agency (the “Lead IA”) in respect of the Country’s activities under this Agreement. The Country agrees to evaluations, which might be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of the Lead IA taking part in this Agreement.

10. The Lead IA will be responsible for ensuring co-ordinated planning, implementation and reporting of all activities under this Agreement, including but not limited to independent verification as per sub-paragraph 5(b). The role of the Lead IA is contained in Appendix 6-A. The Executive Committee agrees, in principle, to provide the Lead IA with the fees set out in row 2.2 of Appendix 2-A.

Non-compliance with the Agreement

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the

discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amount set out in Appendix 7-A (“Reductions in Funding for Failure to Comply”) in respect of each ODP kg of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this Agreement, and take related decisions. Once decisions are taken, the specific case of non-compliance with this Agreement will not be an impediment for the provision of funding for future tranches as per paragraph 5 above.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decisions that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee and the Lead IA to facilitate implementation of this Agreement. In particular, it will provide the Lead IA with access to the information necessary to verify compliance with this Agreement.

Date of completion

14. The completion of the Plan and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption level has been specified in Appendix 2-A. Should at that time there still be activities that are outstanding, and which were foreseen in the last Tranche Implementation Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion of the Plan will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per sub-paragraphs 1(a), 1(b), 1(d), and 1(e) of Appendix 4-A will continue until the time of the completion of the Plan unless otherwise specified by the Executive Committee.

Validity

15. All of the conditions set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

16. This Agreement may be modified or terminated only by mutual written agreement of the Government of Libya and the Executive Committee of the Multilateral Fund.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

| Substance | Annex | Group | Starting point for aggregate reductions in consumption (ODP tonnes) |
|-----------|-------|-------|---|
| HCFC-22 | C | I | 82.52 |
| HCFC-141b | C | I | 31.14 |
| Total | | | 113.66 |

APPENDIX 2-A: THE TARGETS, AND FUNDING

| Row | Particulars | 2022 | 2023 2024 | 2025 | 2026 | 2027 | Total |
|-------|--|-----------|--------------|---------|-------|---------|-----------|
| 1.1 | Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes) | 76.95 | 76.95 | 38.47 | 38.47 | 38.47 | n/a |
| 1.2 | Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes) | 76.95 | 75.00 | 38.47 | 38.47 | 23.08 | n/a |
| 2.1 | Lead IA (UNIDO) agreed funding (US \$) | 976,018 | 0 | 786,750 | 0 | 407,500 | 2,170,268 |
| 2.2 | Support costs for Lead IA (US \$) | 68,321 | 0 | 55,073 | 0 | 28,525 | 151,919 |
| 3.1 | Total agreed funding (US \$) | 976,018 | 0 | 786,750 | 0 | 407,500 | 2,170,268 |
| 3.2 | Total support costs (US \$) | 68,321 | 0 | 55,073 | 0 | 28,525 | 151,919 |
| 3.3 | Total agreed costs (US \$) | 1,044,339 | 0 | 841,823 | 0 | 436,025 | 2,322,187 |
| 4.1.1 | Total phase-out of HCFC-22 agreed to be achieved under this Agreement (ODP tonnes) | | | | | | 24.87 |
| 4.1.2 | Phase-out of HCFC-22 to be achieved in the previous stage (ODP tonnes) | | | | | | 34.57 |
| 4.1.3 | Remaining eligible consumption for HCFC-22 (ODP tonnes) | | | | | | 23.08 |
| 4.2.1 | Total phase-out of HCFC-141b agreed to be achieved under this Agreement (ODP tonnes) | | | | | | 0.00 |
| 4.2.2 | Phase-out of HCFC-141b to be achieved in the previous stage (ODP tonnes) | | | | | | 23.84 |
| 4.2.3 | Remaining eligible consumption for HCFC-141b (ODP tonnes) | | | | | | 7.30 |

*Date of completion of stage I as per stage I Agreement: 31 December 2022.

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval at the first meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF TRANCHE IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Tranche Implementation Report and Plans for each tranche request will consist of five parts:

- (a) A narrative report, with data provided by tranche, describing the progress achieved since the previous report, reflecting the situation of the Country in regard to phase-out of the Substances, how the different activities contribute to it, and how they relate to each other. The report should include the amount of ODS phased out as a direct result from the implementation of activities, by substance, and the alternative technology used and the related phase-in of alternatives, to allow the Secretariat to provide to the Executive Committee information about the resulting change in climate relevant emissions. The report should further highlight successes, experiences, and challenges related to the different activities included in the Plan, reflecting any changes in the circumstances in the Country, and providing other relevant information. The report should also include information on and justification for any changes vis-à-vis the previously submitted Tranche Implementation Plan(s), such as delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes;
- (b) An independent verification report of the Plan results and the consumption of the Substances, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as

specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;

- (c) A written description of the activities to be undertaken during the period covered by the requested tranche, highlighting implementation milestones, the time of completion and the interdependence of the activities, and taking into account experiences made and progress achieved in the implementation of earlier tranches; the data in the plan will be provided by calendar year. The description should also include a reference to the overall Plan and progress achieved, as well as any possible changes to the overall Plan that are foreseen. The description should also specify and explain in detail such changes to the overall plan. This description of future activities can be submitted as a part of the same document as the narrative report under sub-paragraph (b) above;
- (d) A set of quantitative information for all Tranche Implementation Reports and Plans, submitted through an online database; and
- (e) An Executive Summary of about five paragraphs, summarizing the information of the above sub-paragraphs 1(a) to 1(d).

2. In the event that in a particular year two stages of the HPMP are being implemented in parallel, the following considerations should be taken in preparing the Tranche Implementation Reports and Plans:

- (a) The Tranche Implementation Reports and Plans referred to as part of this Agreement, will exclusively refer to activities and funds covered by this Agreement; and
- (b) If the stages under implementation have different HCFC consumption targets under Appendix 2-A of each Agreement in a particular year, the lower HCFC consumption target will be used as reference for compliance with these Agreements and will be the basis for the independent verification.

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. The National Ozone Unit (NOU) is the central administrative unit established within the administrative structure of the Ministry of Environment and is responsible for:

- (a) The co-ordination of governmental activities with respect to ozone layer protection and the facilitation of ODS phase-out;
- (b) The overall co-ordination of national activities toward the implementation of the Plan; and
- (c) The management of the implementation of the planned project activities, in cooperation with the Lead IA.

2. The monitoring role is with the Project Management Unit (PMU) and includes the following:

- (a) Day-to-day implementation of investment projects (where applicable), training programmes, technical assistance and awareness-raising activities included in the approved Plans;
- (b) Providing support to the NOU and the independent verifier in the verification process, including meetings with relevant stakeholders, data collection co-ordination, and input on review findings;

- (c) Under the supervision of the NOU, co-ordinating non-governmental stakeholders, certain Government departments, industrial associations, research and training institutes, the standards bureau, and the statistics bureau for the implementation of the Plan activities; and
 - (d) While the main responsibility for data gathering, analysis and reporting remains within the NOU, in some cases the PMU participates in collecting and analyzing consumption data pertaining to the controlled substances associated with the Plan implementation.
3. An independent auditor will be employed by the Lead IA to verify annual ODS consumption as a basis for consumption reporting by the Government under Article 7 of the Montreal Protocol.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities, including at least the following:
- (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's HPMP;
 - (b) Assisting the Country in preparation of the Tranche Implementation Reports and Plans as per Appendix 4-A;
 - (c) Providing independent verification to the Executive Committee that the Targets have been met and associated tranche activities have been completed as indicated in the Tranche Implementation Plan consistent with Appendix 4-A;
 - (d) Ensuring that the experiences and progress is reflected in updates of the overall plan and in future Tranche Implementation Plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;
 - (e) Fulfilling the reporting requirements for the Tranche Implementation Reports and Plans and the overall plan as specified in Appendix 4-A for submission to the Executive Committee;
 - (f) In the event that the last funding tranche is requested one or more years prior to the last year for which a consumption target had been established, annual tranche implementation reports and, where applicable, verification reports on the current stage of the Plan should be submitted until all activities foreseen had been completed and HCFC consumption targets had been met;
 - (g) Ensuring that appropriate independent technical experts carry out the technical reviews;
 - (h) Carrying out required supervision missions;
 - (i) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Tranche Implementation Plan and accurate data reporting;
 - (j) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country, the allocation of the reductions to the different budget items and to the funding of the Lead IA;
 - (k) Ensuring that disbursements made to the Country are based on the use of the indicators;

- (l) Providing assistance with policy, management and technical support when required; and
- (m) Timely releasing funds to the Country/participating enterprises for completing the activities related to the project.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent entity to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$174.5 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met, on the understanding that the maximum funding reduction would not exceed the funding level of the tranche being requested. Additional measures might be considered in cases where non-compliance extends for two consecutive years.

2. In the event that the penalty needs to be applied for a year in which there are two Agreements in force (two stages of the HPMP being implemented in parallel) with different penalty levels, the application of the penalty will be determined on a case-by-case basis taking into consideration the specific sectors that lead to the non-compliance. If it is not possible to determine a sector, or both stages are addressing the same sector, the penalty level to be applied would be the largest.

APPENDIX 8-A: SECTOR-SPECIFIC ARRANGEMENTS

1. The Government of Libya may, through the Lead IA, submit the foam sector plan during the implementation of stage II of the HPMP prior to 1 January 2024, to phase out the remaining consumption of HCFC-141b.

Annex XVI

AGREEMENT BETWEEN THE GOVERNMENT OF MADAGASCAR AND THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE REDUCTION IN CONSUMPTION OF HYDROCHLOROFLUOROCARBONS IN ACCORDANCE WITH STAGE II OF THE HCFC PHASE-OUT MANAGEMENT PLAN

Purpose

1. This Agreement represents the understanding of the Government of Madagascar (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone-depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of zero ODP tonnes by 1 January 2030 in compliance with Montreal Protocol schedule.
2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances that exceeds the level defined in row 1.2 of Appendix 2-A as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances that exceeds the level defined in row 4.1.3 (remaining consumption eligible for funding).
3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees, in principle, to provide the funding set out in row 3.1 of Appendix 2-A to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).
4. The Country agrees to implement this Agreement in accordance with the stage II of the HCFC phase-out management plan (HPMP) approved (“the Plan”). In accordance with sub-paragraph 5(b) of this Agreement, the Country will accept independent verification of the achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A of this Agreement. The aforementioned verification will be commissioned by the relevant bilateral or implementing agency.

Conditions for funding release

5. The Executive Committee will only provide the Funding in accordance with the Funding Approval Schedule when the Country satisfies the following conditions at least eight weeks in advance of the applicable Executive Committee meeting set out in the Funding Approval Schedule:
 - (a) That the Country has met the Targets set out in row 1.2 of Appendix 2-A for all relevant years. Relevant years are all years since the year in which this Agreement was approved. Years for which there are no due country programme implementation reports at the date of the Executive Committee meeting at which the funding request is being presented are exempted;
 - (b) That the meeting of these Targets has been independently verified for all relevant years, unless the Executive Committee decided that such verification would not be required;
 - (c) That the Country had submitted a Tranche Implementation Report in the form of Appendix 4-A (“Format of Tranche Implementation Reports and Plans”) covering each previous calendar year; that it had achieved a significant level of implementation of

activities initiated with previously approved tranches; and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent; and

- (d) That the Country has submitted a Tranche Implementation Plan in the form of Appendix 4-A covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen.

Monitoring

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous Tranche Implementation Plans in accordance with their roles and responsibilities set out in the same appendix.

Flexibility in the reallocation of funds

7. The Executive Committee agrees that the Country may have the flexibility to reallocate part or all of the approved funds, according to the evolving circumstances to achieve the smoothest reduction of consumption and phase-out of the Substances specified in Appendix 1-A:

- (a) Reallocations categorized as major changes must be documented in advance either in a Tranche Implementation Plan as foreseen in sub-paragraph 5(d) above, or as a revision to an existing Tranche Implementation Plan to be submitted eight weeks prior to any meeting of the Executive Committee, for its approval. Major changes would relate to:
 - (i) Issues potentially concerning the rules and policies of the Multilateral Fund;
 - (ii) Changes which would modify any clause of this Agreement;
 - (iii) Changes in the annual levels of funding allocated to individual bilateral or implementing agencies for the different tranches; and
 - (iv) Provision of funding for activities not included in the current endorsed Tranche Implementation Plan, or removal of an activity in the Tranche Implementation Plan, with a cost greater than 30 per cent of the total cost of the last approved tranche;
- (b) Reallocations not categorized as major changes may be incorporated in the approved Tranche Implementation Plan, under implementation at the time, and reported to the Executive Committee in the subsequent Tranche Implementation Report; and
- (c) Any remaining funds held by the bilateral or implementing agencies or the Country under the Plan will be returned to the Multilateral Fund upon completion of the last tranche foreseen under this Agreement.

Considerations for the refrigeration servicing sector

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sector included in the Plan, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and

- (b) The Country and relevant bilateral and/or implementing agencies would take into consideration relevant decisions on the refrigeration servicing sector during the implementation of the Plan.

Bilateral and implementing agencies

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. UNEP has agreed to be the lead implementing agency (the “Lead IA”) and UNIDO has agreed to be the cooperating implementing agency (the “Cooperating IA”) under the lead of the Lead IA in respect of the Country’s activities under this Agreement. The Country agrees to evaluations, which might be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of the Lead IA and/or Cooperating IA taking part in this Agreement.

10. The Lead IA will be responsible for ensuring co-ordinated planning, implementation and reporting of all activities under this Agreement, including but not limited to independent verification as per sub-paragraph 5(b). The Cooperating IA will support the Lead IA by implementing the Plan under the overall co-ordination of the Lead IA. The roles of the Lead IA and Cooperating IA are contained in Appendix 6-A and Appendix 6-B, respectively. The Executive Committee agrees, in principle, to provide the Lead IA and the Cooperating IA with the fees set out in rows 2.2 and 2.4 of Appendix 2-A.

Non-compliance with the Agreement

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amount set out in Appendix 7-A (“Reductions in Funding for Failure to Comply”) in respect of each ODP kg of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this Agreement, and take related decisions. Once decisions are taken, the specific case of non-compliance with this Agreement will not be an impediment for the provision of funding for future tranches as per paragraph 5 above.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decisions that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee, the Lead IA and the Cooperating IA to facilitate implementation of this Agreement. In particular, it will provide the Lead IA and the Cooperating IA with access to the information necessary to verify compliance with this Agreement.

Date of completion

14. The completion of the Plan and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption level has been specified in Appendix 2-A. Should at that time there still be activities that are outstanding, and which were foreseen in the last Tranche Implementation Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion of the Plan will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per sub-paragraphs 1(a), 1(b),

1(d), and 1(e) of Appendix 4-A will continue until the time of the completion of the Plan unless otherwise specified by the Executive Committee.

Validity

15. All of the conditions set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

16. This Agreement may be modified or terminated only by mutual written agreement of the Country and the Executive Committee of the Multilateral Fund.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

| Substance | Annex | Group | Starting point for aggregate reductions in consumption (ODP tonnes) |
|-----------|-------|-------|---|
| HCFC-22 | C | I | 17.10 |

APPENDIX 2-A: THE TARGETS, AND FUNDING

| Row | Particulars | 2022 | 2023-2024 | 2025 | 2026 | 2027 | 2028 | 2029 | 2030 | Total |
|-------|--|---------|-----------|---------|------|---------|------|------|---------|-----------|
| 1.1 | Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes) | 16.18 | 16.18 | 8.09 | 8.09 | 8.09 | 8.09 | 8.09 | 0.00 | n/a |
| 1.2 | Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes) | 11.10 | 11.10 | 5.55 | 5.55 | 5.55 | 5.55 | 5.55 | 0.00 | n/a |
| 2.1 | Lead IA (UNEP) agreed funding (US \$) | 120,000 | 0 | 206,750 | 0 | 140,000 | 0 | 0 | 166,750 | 633,500 |
| 2.2 | Support costs for Lead IA (US \$) | 15,094 | 0 | 26,006 | 0 | 17,610 | 0 | 0 | 20,975 | 79,685 |
| 2.3 | Cooperating IA (UNIDO) agreed funding (US \$) | 187,720 | 0 | 0 | 0 | 218,780 | 0 | 0 | 0 | 406,500 |
| 2.4 | Support costs for Cooperating IA (US \$) | 13,140 | 0 | 0 | 0 | 15,315 | 0 | 0 | 0 | 28,455 |
| 3.1 | Total agreed funding (US \$) | 307,720 | 0 | 206,750 | 0 | 358,780 | 0 | 0 | 166,750 | 1,040,000 |
| 3.2 | Total support costs (US \$) | 28,234 | 0 | 26,006 | 0 | 32,925 | 0 | 0 | 20,975 | 108,140 |
| 3.3 | Total agreed costs (US \$) | 335,954 | 0 | 232,756 | 0 | 391,705 | 0 | 0 | 187,725 | 1,148,140 |
| 4.1.1 | Total phase-out of HCFC-22 agreed to be achieved under this Agreement (ODP tonnes) | | | | | | | | | 11.10 |
| 4.1.2 | Phase-out of HCFC-22 to be achieved in the previous stage (ODP tonnes) | | | | | | | | | 6.00 |
| 4.1.3 | Remaining eligible consumption for HCFC-22 (ODP tonnes) | | | | | | | | | 0.00 |

*Date of completion of stage I as per stage I Agreement: 31 December 2021

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval at the first meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF TRANCHE IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Tranche Implementation Report and Plans for each tranche request will consist of five parts:

- (a) A narrative report, with data provided by tranche, describing the progress achieved since the previous report, reflecting the situation of the Country in regard to phase out of the Substances, how the different activities contribute to it, and how they relate to each other. The report should include the amount of ODS phased out as a direct result from the implementation of activities, by substance, and the alternative technology used and the related phase-in of alternatives, to allow the Secretariat to provide to the Executive Committee information about the resulting change in climate relevant emissions. The report should further highlight successes, experiences, and challenges related to the different activities included in the Plan, reflecting any changes in the circumstances in the Country, and providing other relevant information. The report should also include information on and justification for any changes vis-à-vis the previously submitted Tranche Implementation Plan(s), such as delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes;
- (b) An independent verification report of the Plan results and the consumption of the Substances, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;
- (c) A written description of the activities to be undertaken during the period covered by the requested tranche, highlighting implementation milestones, the time of completion and the interdependence of the activities, and taking into account experiences made and progress achieved in the implementation of earlier tranches; the data in the plan will be provided by calendar year. The description should also include a reference to the overall Plan and progress achieved, as well as any possible changes to the overall Plan that are foreseen. The description should also specify and explain in detail such changes to the overall plan. This description of future activities can be submitted as a part of the same document as the narrative report under sub-paragraph (b) above;
- (d) A set of quantitative information for all Tranche Implementation Reports and Plans, submitted through an online database; and
- (e) An Executive Summary of about five paragraphs, summarizing the information of the above sub-paragraphs 1(a) to 1(d).

2. In the event that in a particular year two stages of the HPMP are being implemented in parallel, the following considerations should be taken in preparing the Tranche Implementation Reports and Plans:

- (a) The Tranche Implementation Reports and Plans referred to as part of this Agreement, will exclusively refer to activities and funds covered by this Agreement; and
- (b) If the stages under implementation have different HCFC consumption targets under Appendix 2-A of each Agreement in a particular year, the lower HCFC consumption target will be used as reference for compliance with these Agreements and will be the basis for the independent verification.

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. Overall monitoring will be provided by the Government, through the national ozone unit (NOU), with assistance from the Lead IA. The NOU will submit annual progress reports of status of implementation of the Plan to the Lead IA.
2. Consumption will be monitored and determined from official data of import and export of substances as registered by the relevant Government departments. The NOU will compile and report the following data and information each year on or before the relevant deadlines:
 - (a) Reports on the consumption of the substances to be submitted to the Ozone Secretariat in line with Article 7 of the Montreal Protocol; and
 - (b) Reports on country programme data to be submitted to the Secretariat of the Multilateral Fund.
3. Monitoring of development of the Plan and verification of the achievement of the performance targets will be assigned to an independent local company or to independent local consultant(s) by the Lead IA. The company or consultant(s) responsible for verification will have full access to relevant technical and financial information related to the implementation of the Plan.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities, including at least the following:
 - (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's HPMP;
 - (b) Assisting the Country in preparation of the Tranche Implementation Reports and Plans as per Appendix 4-A;
 - (c) Providing independent verification to the Executive Committee that the Targets have been met and associated tranche activities have been completed as indicated in the Tranche Implementation Plan consistent with Appendix 4-A;
 - (d) Ensuring that the experiences and progress is reflected in updates of the overall plan and in future Tranche Implementation Plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;
 - (e) Fulfilling the reporting requirements for the Tranche Implementation Reports and Plans and the overall plan as specified in Appendix 4-A for submission to the Executive Committee, and should include the activities implemented by the Cooperating IA;

- (f) In the event that the last funding tranche is requested one or more years prior to the last year for which a consumption target had been established, annual tranche implementation reports and, where applicable, verification reports on the current stage of the Plan should be submitted until all activities foreseen had been completed and HCFC consumption targets had been met;
- (g) Ensuring that appropriate independent technical experts carry out the technical reviews;
- (h) Carrying out required supervision missions;
- (i) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Tranche Implementation Plan and accurate data reporting;
- (j) Co-ordinating the activities of the Cooperating IA, and ensuring appropriate sequence of activities;
- (k) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country and the Cooperating IA, the allocation of the reductions to the different budget items and to the funding of the Lead IA and the Cooperating IA;
- (l) Ensuring that disbursements made to the Country are based on the use of the indicators;
- (m) Providing assistance with policy, management and technical support when required;
- (n) Reaching consensus with the Cooperating IA on any planning, co-ordination and reporting arrangements required to facilitate the implementation of the Plan; and
- (o) Timely releasing funds to the Country/participating enterprises for completing the activities related to the project.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent entity to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 6-B: ROLE OF THE COOPERATING IMPLEMENTING AGENCY

1. The Cooperating IA will be responsible for a range of activities. These activities are specified in the Plan, including at least the following:

- (a) Providing assistance for policy development when required;
- (b) Assisting the Country in the implementation and assessment of the activities funded by the Cooperating IA, and refer to the Lead IA to ensure a co-ordinated sequence in the activities;
- (c) Providing reports to the Lead IA on these activities, for inclusion in the consolidated reports as per Appendix 4-A; and
- (d) Reaching consensus with the Lead IA on any planning, co-ordination and reporting arrangements required to facilitate the implementation of the Plan.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$180 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met, on the understanding that the maximum funding reduction would not exceed the funding level of the tranche being requested. Additional measures might be considered in cases where non-compliance extends for two consecutive years.

2. In the event that the penalty needs to be applied for a year in which there are two Agreements in force (two stages of the HPMP being implemented in parallel) with different penalty levels, the application of the penalty will be determined on a case-by-case basis taking into consideration the specific sectors that lead to the non-compliance. If it is not possible to determine a sector, or both stages are addressing the same sector, the penalty level to be applied would be the largest.

Annex XVII

AGREEMENT BETWEEN THE GOVERNMENT OF THE NIGER AND THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE REDUCTION IN CONSUMPTION OF HYDROCHLOROFLUOROCARBONS IN ACCORDANCE WITH STAGE II OF THE HCFC PHASE-OUT MANAGEMENT PLAN

Purpose

1. This Agreement represents the understanding of the Government of the Niger (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone-depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of zero ODP tonnes by 1 January 2030 in compliance with Montreal Protocol schedule.
2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances that exceeds the level defined in row 1.2 of Appendix 2-A as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances that exceeds the level defined in row 4.1.3 (remaining consumption eligible for funding).
3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees, in principle, to provide the funding set out in row 3.1 of Appendix 2-A to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).
4. The Country agrees to implement this Agreement in accordance with the stage II of the HCFC phase-out management plan (HPMP) approved (“the Plan”). In accordance with sub-paragraph 5(b) of this Agreement, the Country will accept independent verification of the achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A of this Agreement. The aforementioned verification will be commissioned by the relevant bilateral or implementing agency.

Conditions for funding release

5. The Executive Committee will only provide the Funding in accordance with the Funding Approval Schedule when the Country satisfies the following conditions at least eight weeks in advance of the applicable Executive Committee meeting set out in the Funding Approval Schedule:
 - (a) That the Country has met the Targets set out in row 1.2 of Appendix 2-A for all relevant years. Relevant years are all years since the year in which this Agreement was approved. Years for which there are no due country programme implementation reports at the date of the Executive Committee meeting at which the funding request is being presented are exempted;
 - (b) That the meeting of these Targets has been independently verified for all relevant years, unless the Executive Committee decided that such verification would not be required;

- (c) That the Country had submitted a Tranche Implementation Report in the form of Appendix 4-A (“Format of Tranche Implementation Reports and Plans”) covering each previous calendar year; that it had achieved a significant level of implementation of activities initiated with previously approved tranches; and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent; and
- (d) That the Country has submitted a Tranche Implementation Plan in the form of Appendix 4-A covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen.

Monitoring

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous Tranche Implementation Plans in accordance with their roles and responsibilities set out in the same appendix.

Flexibility in the reallocation of funds

7. The Executive Committee agrees that the Country may have the flexibility to reallocate part or all of the approved funds, according to the evolving circumstances to achieve the smoothest reduction of consumption and phase-out of the Substances specified in Appendix 1-A:

- (a) Reallocations categorized as major changes must be documented in advance either in a Tranche Implementation Plan as foreseen in sub-paragraph 5(d) above, or as a revision to an existing Tranche Implementation Plan to be submitted eight weeks prior to any meeting of the Executive Committee, for its approval. Major changes would relate to:
 - (i) Issues potentially concerning the rules and policies of the Multilateral Fund;
 - (ii) Changes which would modify any clause of this Agreement;
 - (iii) Changes in the annual levels of funding allocated to individual bilateral or implementing agencies for the different tranches;
 - (iv) Provision of funding for activities not included in the current endorsed Tranche Implementation Plan, or removal of an activity in the Tranche Implementation Plan, with a cost greater than 30 per cent of the total cost of the last approved tranche; and
 - (v) Changes in alternative technologies, on the understanding that any submission for such a request would identify the associated incremental costs, the potential impact to the climate, and any differences in ODP tonnes to be phased out if applicable, as well as confirm that the Country agrees that potential savings related to the change of technology would decrease the overall funding level under this Agreement accordingly;
- (b) Reallocations not categorized as major changes may be incorporated in the approved Tranche Implementation Plan, under implementation at the time, and reported to the Executive Committee in the subsequent Tranche Implementation Report;

- (c) Any remaining funds held by the bilateral or implementing agencies or the Country under the Plan will be returned to the Multilateral Fund upon completion of the last tranche foreseen under this Agreement.

Considerations for the refrigeration servicing sector

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sector included in the Plan, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and
- (b) The Country and relevant bilateral and/or implementing agencies would take into consideration relevant decisions on the refrigeration servicing sector during the implementation of the Plan.

Bilateral and implementing agencies

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. UNIDO has agreed to be the lead implementing agency (the “Lead IA”) and UNEP has agreed to be the cooperating implementing agency (the “Cooperating IA”) under the lead of the Lead IA in respect of the Country’s activities under this Agreement. The Country agrees to evaluations, which might be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of the Lead IA and/or Cooperating IA taking part in this Agreement.

10. The Lead IA will be responsible for ensuring co-ordinated planning, implementation and reporting of all activities under this Agreement, including but not limited to independent verification as per subparagraph 5(b). The Cooperating IA will support the Lead IA by implementing the Plan under the overall co-ordination of the Lead IA. The roles of the Lead IA and Cooperating IA are contained in Appendix 6-A and Appendix 6-B, respectively. The Executive Committee agrees, in principle, to provide the Lead IA and the Cooperating IA with the fees set out in rows 2.2 and 2.4 of Appendix 2-A.

Non-compliance with the Agreement

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amount set out in Appendix 7-A (“Reductions in Funding for Failure to Comply”) in respect of each ODP kg of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this Agreement, and take related decisions. Once decisions are taken, the specific case of non-compliance with this Agreement will not be an impediment for the provision of funding for future tranches as per paragraph 5 above.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decisions that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee, the Lead IA and the Cooperating IA to facilitate implementation of this Agreement. In particular, it will provide the Lead IA and the Cooperating IA with access to the information necessary to verify compliance with this Agreement.

Date of completion

14. The completion of the Plan and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption level has been specified in Appendix 2-A. Should at that time there still be activities that are outstanding, and which were foreseen in the last Tranche Implementation Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion of the Plan will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per sub-paragraphs 1(a), 1(b), 1(d), and 1(e) of Appendix 4-A will continue until the time of the completion of the Plan unless otherwise specified by the Executive Committee.

Validity

15. All of the conditions set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

16. This Agreement may be modified or terminated only by mutual written agreement of the Country and the Executive Committee of the Multilateral Fund.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

| Substance | Annex | Group | Starting point for aggregate reductions in consumption (ODP tonnes) |
|-----------|-------|-------|---|
| HCFC-22 | C | I | 15.98 |

APPENDIX 2-A: THE TARGETS, AND FUNDING

| Row | Particulars | 2022 | 2023-2024 | 2025 | 2026 | 2027 | 2028-2029 | 2030 | Total |
|-----|--|---------|-----------|---------|------|---------|-----------|---------|---------|
| 1.1 | Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes) | 10.38 | 10.38 | 5.19 | 5.19 | 5.19 | 5.19 | 0 | n/a |
| 1.2 | Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes) | 10.38 | 10.38 | 5.19 | 5.19 | 5.19 | 5.19 | 0 | n/a |
| 2.1 | Lead IA (UNIDO) agreed funding (US \$) | 243,500 | 0 | 166,000 | 0 | 167,400 | 0 | 118,100 | 695,000 |
| 2.2 | Support costs for Lead IA (US \$) | 17,045 | 0 | 11,620 | 0 | 11,718 | 0 | 8,267 | 48,650 |
| 2.3 | Cooperating IA (UNEP) agreed funding (US \$) | 108,000 | 0 | 84,500 | 0 | 90,000 | 0 | 62,500 | 345,000 |

| Row | Particulars | 2022 | 2023-2024 | 2025 | 2026 | 2027 | 2028-2029 | 2030 | Total |
|-------|--|---------|-----------|---------|------|---------|-----------|---------|-----------|
| 2.4 | Support costs for Cooperating IA (US \$) | 14,040 | 0 | 10,985 | 0 | 11,700 | 0 | 8,125 | 44,850 |
| 3.1 | Total agreed funding (US \$) | 351,500 | 0 | 250,500 | 0 | 257,400 | 0 | 180,600 | 1,040,000 |
| 3.2 | Total support costs (US \$) | 31,085 | 0 | 22,605 | 0 | 23,418 | 0 | 16,392 | 93,500 |
| 3.3 | Total agreed costs (US \$) | 382,585 | 0 | 273,105 | 0 | 280,818 | 0 | 196,992 | 1,133,500 |
| 4.1.1 | Total phase-out of HCFC-22 agreed to be achieved under this Agreement (ODP tonnes) | | | | | | | | 10.38 |
| 4.1.2 | Phase-out of HCFC-22 to be achieved in the previous stage (ODP tonnes) | | | | | | | | 5.60 |
| 4.1.3 | Remaining eligible consumption for HCFC-22 (ODP tonnes) | | | | | | | | 0.00 |

*Date of completion of stage I as per stage I Agreement: 31 December 2022

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval at the first meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF TRANCHE IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Tranche Implementation Report and Plans for each tranche request will consist of five parts:

- (a) A narrative report, with data provided by tranche, describing the progress achieved since the previous report, reflecting the situation of the Country in regard to phase-out of the Substances, how the different activities contribute to it, and how they relate to each other. The report should include the amount of ODS phased out as a direct result from the implementation of activities, by substance, and the alternative technology used and the related phase-in of alternatives, to allow the Secretariat to provide to the Executive Committee information about the resulting change in climate relevant emissions. The report should further highlight successes, experiences, and challenges related to the different activities included in the Plan, reflecting any changes in the circumstances in the Country, and providing other relevant information. The report should also include information on and justification for any changes vis-à-vis the previously submitted Tranche Implementation Plan(s), such as delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes;
- (b) An independent verification report of the Plan results and the consumption of the Substances, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;
- (c) A written description of the activities to be undertaken during the period covered by the requested tranche, highlighting implementation milestones, the time of completion and the interdependence of the activities, and taking into account experiences made and progress achieved in the implementation of earlier tranches; the data in the plan will be provided by

calendar year. The description should also include a reference to the overall Plan and progress achieved, as well as any possible changes to the overall Plan that are foreseen. The description should also specify and explain in detail such changes to the overall plan. This description of future activities can be submitted as a part of the same document as the narrative report under sub-paragraph (b) above;

- (d) A set of quantitative information for all Tranche Implementation Reports and Plans, submitted through an online database; and
 - (e) An Executive Summary of about five paragraphs, summarizing the information of the above sub-paragraphs 1(a) to 1(d).
2. In the event that in a particular year two stages of the HPMP are being implemented in parallel, the following considerations should be taken in preparing the Tranche Implementation Reports and Plans:
- (a) The Tranche Implementation Reports and Plans referred to as part of this Agreement, will exclusively refer to activities and funds covered by this Agreement; and
 - (b) If the stages under implementation have different HCFC consumption targets under Appendix 2-A of each Agreement in a particular year, the lower HCFC consumption target will be used as reference for compliance with these Agreements and will be the basis for the independent verification.

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. The National Ozone Unit (NOU) will be responsible for the monitoring and overall co-ordination of national activities during the implementation of the HPMP.
2. An independent consultant will be employed by the Lead IA if required for the verification of the achievement. Annual report will be prepared by the NOU under the assistance of the Lead IA and the Cooperating IA.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities, including at least the following:
 - (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's HPMP;
 - (b) Assisting the Country in preparation of the Tranche Implementation Reports and Plans as per Appendix 4-A;
 - (c) Providing independent verification to the Executive Committee that the Targets have been met and associated tranche activities have been completed as indicated in the Tranche Implementation Plan consistent with Appendix 4-A;
 - (d) Ensuring that the experiences and progress is reflected in updates of the overall plan and in future Tranche Implementation Plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;

- (e) Fulfilling the reporting requirements for the Tranche Implementation Reports and Plans and the overall plan as specified in Appendix 4-A for submission to the Executive Committee, and should include the activities implemented by the Cooperating IA;
- (f) In the event that the last funding tranche is requested one or more years prior to the last year for which a consumption target had been established, annual tranche implementation reports and, where applicable, verification reports on the current stage of the Plan should be submitted until all activities foreseen had been completed and HCFC consumption targets had been met;
- (g) Ensuring that appropriate independent technical experts carry out the technical reviews;
- (h) Carrying out required supervision missions;
- (i) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Tranche Implementation Plan and accurate data reporting;
- (j) Co-ordinating the activities of the Cooperating IA, and ensuring appropriate sequence of activities;
- (k) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country and the Cooperating IA, the allocation of the reductions to the different budget items and to the funding of the Lead IA and the Cooperating IA;
- (l) Ensuring that disbursements made to the Country are based on the use of the indicators;
- (m) Providing assistance with policy, management and technical support when required;
- (n) Reaching consensus with the Cooperating IA on any planning, co-ordination and reporting arrangements required to facilitate the implementation of the Plan; and
- (o) Timely releasing funds to the Country/participating enterprises for completing the activities related to the project.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent entity to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 6-B: ROLE OF THE COOPERATING IMPLEMENTING AGENCIES

1. The Cooperating IA will be responsible for a range of activities. These activities are specified in the Plan, including at least the following:

- (a) Providing assistance for policy development when required;
- (b) Assisting the Country in the implementation and assessment of the activities funded by the Cooperating IA, and refer to the Lead IA to ensure a co-ordinated sequence in the activities;
- (c) Providing reports to the Lead IA on these activities, for inclusion in the consolidated reports as per Appendix 4-A; and

- (d) Reaching consensus with the Lead IA on any planning, co-ordination and reporting arrangements required to facilitate the implementation of the Plan.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$180 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met, on the understanding that the maximum funding reduction would not exceed the funding level of the tranche being requested. Additional measures might be considered in cases where non-compliance extends for two consecutive years.
2. In the event that the penalty needs to be applied for a year in which there are two Agreements in force (two stages of the HPMP being implemented in parallel) with different penalty levels, the application of the penalty will be determined on a case-by-case basis taking into consideration the specific sectors that lead to the non-compliance. If it is not possible to determine a sector, or both stages are addressing the same sector, the penalty level to be applied would be the largest.

Annex XVIII

AGREEMENT BETWEEN THE GOVERNMENT OF PAKISTAN AND THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE REDUCTION IN CONSUMPTION OF HYDROCHLOROFLUOROCARBONS IN ACCORDANCE WITH STAGE III OF THE HCFC PHASE-OUT MANAGEMENT PLAN

Purpose

1. This Agreement represents the understanding of the Government of Pakistan (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of zero ODP tonnes by 1 January 2030 in compliance with Montreal Protocol schedule.
2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances that exceeds the level defined in row 1.2 of Appendix 2-A as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances that exceeds the level defined in row 4.1.3, 4.2.3, and 4.3.3 (remaining consumption eligible for funding).
3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees, in principle, to provide the funding set out in row 3.1 of Appendix 2-A to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).
4. The Country agrees to implement this Agreement in accordance with the stage III of the HCFC phase-out management plan (HPMP) approved (“the Plan”). In accordance with sub-paragraph 5(b) of this Agreement, the Country will accept independent verification of the achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A of this Agreement. The aforementioned verification will be commissioned by the relevant bilateral or implementing agency.

Conditions for funding release

5. The Executive Committee will only provide the Funding in accordance with the Funding Approval Schedule when the Country satisfies the following conditions at least eight weeks in advance of the applicable Executive Committee meeting set out in the Funding Approval Schedule:
 - (a) That the Country has met the Targets set out in row 1.2 of Appendix 2-A for all relevant years. Relevant years are all years since the year in which this Agreement was approved. Years for which there are no due country programme implementation reports at the date of the Executive Committee meeting at which the funding request is being presented are exempted;
 - (b) That the meeting of these Targets has been independently verified for all relevant years, unless the Executive Committee decided that such verification would not be required;

- (c) That the Country had submitted a Tranche Implementation Report in the form of Appendix 4-A (“Format of Tranche Implementation Reports and Plans”) covering each previous calendar year; that it had achieved a significant level of implementation of activities initiated with previously approved tranches; and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent; and
- (d) That the Country has submitted a Tranche Implementation Plan in the form of Appendix 4-A covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen.

Monitoring

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous Tranche Implementation Plans in accordance with their roles and responsibilities set out in the same appendix.

Flexibility in the reallocation of funds

7. The Executive Committee agrees that the Country may have the flexibility to reallocate part or all of the approved funds, according to the evolving circumstances to achieve the smoothest reduction of consumption and phase-out of the Substances specified in Appendix 1-A:

- (a) Reallocations categorized as major changes must be documented in advance either in a Tranche Implementation Plan as foreseen in sub-paragraph 5(d) above, or as a revision to an existing Tranche Implementation Plan to be submitted eight weeks prior to any meeting of the Executive Committee, for its approval. Major changes would relate to:
 - (i) Issues potentially concerning the rules and policies of the Multilateral Fund;
 - (ii) Changes which would modify any clause of this Agreement;
 - (iii) Changes in the annual levels of funding allocated to individual bilateral or implementing agencies for the different tranches;
 - (iv) Provision of funding for activities not included in the current endorsed Tranche Implementation Plan, or removal of an activity in the Tranche Implementation Plan, with a cost greater than 30 per cent of the total cost of the last approved tranche; and
 - (v) Changes in alternative technologies, on the understanding that any submission for such a request would identify the associated incremental costs, the potential impact to the climate, and any differences in ODP tonnes to be phased out if applicable, as well as confirm that the Country agrees that potential savings related to the change of technology would decrease the overall funding level under this Agreement accordingly;
- (b) Reallocations not categorized as major changes may be incorporated in the approved Tranche Implementation Plan, under implementation at the time, and reported to the Executive Committee in the subsequent Tranche Implementation Report;

- (c) Any enterprise to be converted to non-HCFC technology included in the Plan and that would be found to be ineligible under the policies of the Multilateral Fund (i.e., due to foreign ownership or establishment post the 21 September 2007 cut-off date), would not receive financial assistance. This information would be reported as part of the Tranche Implementation Plan;
- (d) The Country commits to examining the possibility of using pre-blended systems with low-global warming potential blowing agents instead of blending them in-house, for those foam enterprises covered under the Plan, should this be technically viable, economically feasible and acceptable to the enterprises;
- (e) The Country agrees, in cases where HFC technologies have been chosen as an alternative to HCFCs, and taking into account national circumstances related to health and safety: to monitor the availability of substitutes and alternatives that further minimize impacts on the climate; to consider, in the review of regulations standards and incentives adequate provisions that encourage introduction of such alternatives; and to consider the potential for adoption of cost-effective alternatives that minimize the climate impact in the implementation of the HPMP, as appropriate, and inform the Executive Committee on the progress accordingly in tranche implementation reports; and
- (f) Any remaining funds held by the bilateral or implementing agencies or the Country under the Plan will be returned to the Multilateral Fund upon completion of the last tranche foreseen under this Agreement.

Considerations for the refrigeration servicing sector

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sector included in the Plan, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and
- (b) The Country and relevant bilateral and/or implementing agencies would take into consideration relevant decisions on the refrigeration servicing sector during the implementation of the Plan.

Bilateral and implementing agencies

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. UNIDO has agreed to be the lead implementing agency (the “Lead IA”) and UNEP has agreed to be the cooperating implementing agency (the “Cooperating IA”) under the lead of the Lead IA in respect of the Country’s activities under this Agreement. The Country agrees to evaluations, which might be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of the Lead IA and/or Cooperating IA taking part in this Agreement.

10. The Lead IA will be responsible for ensuring co-ordinated planning, implementation and reporting of all activities under this Agreement, including but not limited to independent verification as per sub-paragraph 5(b). The Cooperating IA will support the Lead IA by implementing the Plan under the overall co-ordination of the Lead IA. The roles of the Lead IA and Cooperating IA are contained in Appendix 6-A and Appendix 6-B, respectively. The Executive Committee agrees, in principle, to provide the Lead IA and the Cooperating IA with the fees set out in rows 2.2 and 2.4 of Appendix 2-A.

Non-compliance with the Agreement

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amount set out in Appendix 7-A (“Reductions in Funding for Failure to Comply”) in respect of each ODP kg of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this Agreement and take related decisions. Once decisions are taken, the specific case of non-compliance with this Agreement will not be an impediment for the provision of funding for future tranches as per paragraph 5 above.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decisions that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee, the Lead IA and the Cooperating IA to facilitate implementation of this Agreement. In particular, it will provide the Lead IA and the Cooperating IA with access to the information necessary to verify compliance with this Agreement.

Date of completion

14. The completion of the Plan and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption level has been specified in Appendix 2-A. Should at that time there still be activities that are outstanding, and which were foreseen in the last Tranche Implementation Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion of the Plan will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per sub-paragraphs 1(a), 1(b), 1(d), and 1(e) of Appendix 4-A will continue until the time of the completion of the Plan unless otherwise specified by the Executive Committee.

Validity

15. All of the conditions set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

16. This Agreement may be modified or terminated only by mutual written agreement of the Country and the Executive Committee of the Multilateral Fund.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

| Substance | Annex | Group | Starting point for aggregate reductions in consumption (ODP tonnes) |
|-----------|-------|-------|---|
| HCFC-22 | C | I | 104.96 |
| HCFC-141b | C | I | 138.50 |
| HCFC-142b | C | I | 4.65 |
| Total | C | I | 248.11 |

APPENDIX 2-A: THE TARGETS, AND FUNDING

| Row | Particulars | 2022 | 2023 | 2024 | 2025 | 2026 | 2027-2028 | 2029 | 2030 | Total |
|-------|---|-----------|--------|-----------|-------|-----------|-----------|-------|---------|-----------|
| 1.1 | Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes) | 161.27 | 161.27 | 161.27 | 80.63 | 80.63 | 80.63 | 80.63 | 0 | n/a |
| 1.2 | Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes) | 124.06 | 124.06 | 124.06 | 80.63 | 80.63 | 80.63 | 80.63 | 0 | n/a |
| 2.1 | Lead IA (UNIDO) agreed funding (US \$) | 1,468,883 | 0 | 1,049,800 | 0 | 867,400 | 0 | 0 | 478,000 | 3,864,083 |
| 2.2 | Support costs for Lead IA (US \$) | 102,822 | 0 | 73,486 | 0 | 60,718 | 0 | 0 | 33,460 | 270,486 |
| 2.3 | Cooperating IA (UNEP) agreed funding (US \$) | 426,750 | 0 | 737,154 | 0 | 596,030 | 0 | 0 | 280,730 | 2,040,664 |
| 2.4 | Support costs for Cooperating IA (US \$) | 49,034 | 0 | 84,699 | 0 | 68,484 | 0 | 0 | 32,256 | 234,473 |
| 3.1 | Total agreed funding (US \$) | 1,895,633 | 0 | 1,786,954 | 0 | 1,463,430 | 0 | 0 | 758,730 | 5,904,747 |
| 3.2 | Total support costs (US \$) | 151,856 | 0 | 158,185 | 0 | 129,202 | 0 | 0 | 65,716 | 504,959 |
| 3.3 | Total agreed costs (US \$) | 2,047,489 | 0 | 1,945,139 | 0 | 1,592,632 | 0 | 0 | 824,446 | 6,409,706 |
| 4.1.1 | Total phase-out of HCFC-22 agreed to be achieved under this Agreement (ODP tonnes) | | | | | | | | | 56.99 |
| 4.1.2 | Phase-out of HCFC-22 to be achieved through previously approved projects (ODP tonnes) | | | | | | | | | 47.96 |
| 4.1.3 | Remaining eligible consumption of HCFC-22 (ODP tonnes) | | | | | | | | | 0.00 |
| 4.2.1 | Total phase-out of HCFC-141b agreed to be achieved under this Agreement (ODP tonnes) | | | | | | | | | 8.11 |
| 4.2.2 | Phase-out of HCFC-141b to be achieved through previously approved projects (ODP tonnes) | | | | | | | | | 130.39 |
| 4.2.3 | Remaining eligible consumption of HCFC-141b (ODP tonnes) | | | | | | | | | 0.00 |
| 4.3.1 | Total phase-out of HCFC-142b agreed to be achieved under this Agreement (ODP tonnes) | | | | | | | | | 0.00 |
| 4.3.2 | Phase-out of HCFC-142b to be achieved through previously approved projects (ODP tonnes) | | | | | | | | | 2.99 |
| 4.3.3 | Remaining eligible consumption of HCFC-142b (ODP tonnes) | | | | | | | | | 0.00* |

* The country agreed to phase out all consumption of HCFC-142b with the funding provided for the extruded polystyrene foam project

** Date of completion of stage II as per stage II Agreement: 31 December 2024.

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval at the first meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF TRANCHE IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Tranche Implementation Report and Plans for each tranche request will consist of five parts:

- (a) A narrative report, with data provided by tranche, describing the progress achieved since the previous report, reflecting the situation of the Country in regard to phase out of the Substances, how the different activities contribute to it, and how they relate to each other. The report should include the amount of ODS phased out as a direct result from the implementation of activities, by substance, and the alternative technology used and the related phase-in of alternatives, to allow the Secretariat to provide to the Executive Committee information about the resulting change in climate relevant emissions. The report should further highlight successes, experiences, and challenges related to the different activities included in the Plan, reflecting any changes in the circumstances in the Country, and providing other relevant information. The report should also include information on and justification for any changes vis-à-vis the previously submitted Tranche Implementation Plan(s), such as delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes;
- (b) An independent verification report of the Plan results and the consumption of the Substances, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;
- (c) A written description of the activities to be undertaken during the period covered by the requested tranche, highlighting implementation milestones, the time of completion and the interdependence of the activities, and taking into account experiences made and progress achieved in the implementation of earlier tranches; the data in the plan will be provided by calendar year. The description should also include a reference to the overall Plan and progress achieved, as well as any possible changes to the overall Plan that are foreseen. The description should also specify and explain in detail such changes to the overall plan. This description of future activities can be submitted as a part of the same document as the narrative report under sub-paragraph (b) above;
- (d) A set of quantitative information for all Tranche Implementation Reports and Plans, submitted through an online database; and
- (e) An Executive Summary of about five paragraphs, summarizing the information of the above sub-paragraphs 1(a) to 1(d).

2. In the event that in a particular year two stages of the HPMP are being implemented in parallel, the following considerations should be taken in preparing the Tranche Implementation Reports and Plans:

- (a) The Tranche Implementation Reports and Plans referred to as part of this Agreement, will exclusively refer to activities and funds covered by this Agreement; and
- (b) If the stages under implementation have different HCFC consumption targets under Appendix 2-A of each Agreement in a particular year, the lower HCFC consumption target will be used as reference for compliance with these Agreements and will be the basis for the independent verification.

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. The Ministry of Environment, Government of Pakistan, and the national ozone cell is responsible for the overall project controlling, coordination, assessment and monitoring.
2. Project management unit (PMU) officer will coordinate daily work of the project implementation and also to assist the enterprises, as well as Government and non-Government offices and organizations, to streamline their activities for smooth implementation of the projects. The PMU will help the Government of Pakistan with monitoring the progress on implementation, and reporting to the Executive Committee.
3. An independent and certified auditor will audit and verify the consumption of ODS reported by the Government through Article 7 data and country programme progress reports.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities, including at least the following:
 - (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's HPMP;
 - (b) Assisting the Country in preparation of the Tranche Implementation Reports and Plans as per Appendix 4-A;
 - (c) Providing independent verification to the Executive Committee that the Targets have been met and associated tranche activities have been completed as indicated in the Tranche Implementation Plan consistent with Appendix 4-A;
 - (d) Ensuring that the experiences and progress is reflected in updates of the overall plan and in future Tranche Implementation Plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;
 - (e) Fulfilling the reporting requirements for the Tranche Implementation Reports and Plans and the overall plan as specified in Appendix 4-A for submission to the Executive Committee, and should include the activities implemented by the Cooperating IA;
 - (f) In the event that the last funding tranche is requested one or more years prior to the last year for which a consumption target had been established, annual tranche implementation reports and, where applicable, verification reports on the current stage of the Plan should be submitted until all activities foreseen had been completed and HCFC consumption targets had been met;
 - (g) Ensuring that appropriate independent technical experts carry out the technical reviews;
 - (h) Carrying out required supervision missions;

- (i) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Tranche Implementation Plan and accurate data reporting;
- (j) Co-ordinating the activities of the Cooperating IAs, and ensuring appropriate sequence of activities;
- (k) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country and the Cooperating IA, the allocation of the reductions to the different budget items and to the funding of the Lead IA and the Cooperating IA;
- (l) Ensuring that disbursements made to the Country are based on the use of the indicators;
- (m) Providing assistance with policy, management and technical support when required;
- (n) Reaching consensus with the Cooperating IAs on any planning, co-ordination and reporting arrangements required to facilitate the implementation of the Plan; and
- (o) Timely releasing funds to the Country/participating enterprises for completing the activities related to the project.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent entity to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 6-B: ROLE OF THE COOPERATING IMPLEMENTING AGENCIES

1. The Cooperating IA will be responsible for a range of activities. These activities are specified in the Plan, including at least the following:

- (a) Providing assistance for policy development when required;
- (b) Assisting the Country in the implementation and assessment of the activities funded by the Cooperating IA, and refer to the Lead IA to ensure a co-ordinated sequence in the activities;
- (c) Providing reports to the Lead IA on these activities, for inclusion in the consolidated reports as per Appendix 4-A; and
- (d) Reaching consensus with the Lead IA on any planning, co-ordination and reporting arrangements required to facilitate the implementation of the Plan.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$181.18 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met, on the understanding that the maximum funding reduction would not exceed the funding level of the tranche being requested. Additional measures might be considered in cases where non-compliance extends for two consecutive years.

2. In the event that the penalty needs to be applied for a year in which there are two Agreements in force (two stages of the HPMP being implemented in parallel) with different penalty levels, the application

of the penalty will be determined on a case-by-case basis taking into consideration the specific sectors that lead to the non-compliance. If it is not possible to determine a sector, or both stages are addressing the same sector, the penalty level to be applied would be the largest.

Annex XIX

UPDATED AGREEMENT BETWEEN THE GOVERNMENT OF BANGLADESH AND THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE REDUCTION IN CONSUMPTION OF HYDROCHLOROFLUOROCARBONS IN ACCORDANCE WITH STAGE II OF THE HCFC PHASE-OUT MANAGEMENT PLAN

Purpose

1. This Agreement represents the understanding of the Government of Bangladesh (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone-depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of 23.61 ODP tonnes by 1 January 2025 in compliance with Montreal Protocol schedule.
2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances that exceeds the level defined in row 1.2 of Appendix 2-A as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances that exceeds the level defined in rows 4.1.3, 4.2.3, 4.3.3, 4.4.3, and 4.5.3 (remaining consumption eligible for funding).
3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees, in principle, to provide the funding set out in row 3.1 of Appendix 2-A to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).
4. The Country agrees to implement this Agreement in accordance with the stage II of the HCFC phase-out management plan (HPMP) approved (“the Plan”). In accordance with sub-paragraph 5(b) of this Agreement, the Country will accept independent verification of the achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A of this Agreement. The aforementioned verification will be commissioned by the relevant bilateral or implementing agency.

Conditions for funding release

5. The Executive Committee will only provide the Funding in accordance with the Funding Approval Schedule when the Country satisfies the following conditions at least eight weeks in advance of the applicable Executive Committee meeting set out in the Funding Approval Schedule:
 - (a) That the Country has met the Targets set out in row 1.2 of Appendix 2-A for all relevant years. Relevant years are all years since the year in which this Agreement was approved. Years for which there are no due country programme implementation reports at the date of the Executive Committee meeting at which the funding request is being presented are exempted;
 - (b) That the meeting of these Targets has been independently verified for all relevant years, unless the Executive Committee decided that such verification would not be required;

- (c) That the Country had submitted a Tranche Implementation Report in the form of Appendix 4-A (“Format of Tranche Implementation Reports and Plans”) covering each previous calendar year; that it had achieved a significant level of implementation of activities initiated with previously approved tranches; and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent; and
- (d) That the Country has submitted a Tranche Implementation Plan in the form of Appendix 4-A covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen.

Monitoring

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous Tranche Implementation Plans in accordance with their roles and responsibilities set out in the same appendix.

Flexibility in the reallocation of funds

7. The Executive Committee agrees that the Country may have the flexibility to reallocate part or all of the approved funds, according to the evolving circumstances to achieve the smoothest reduction of consumption and phase-out of the Substances specified in Appendix 1-A:

- (a) Reallocations categorized as major changes must be documented in advance either in a Tranche Implementation Plan as foreseen in sub-paragraph 5(d) above, or as a revision to an existing Tranche Implementation Plan to be submitted eight weeks prior to any meeting of the Executive Committee, for its approval. Major changes would relate to:
 - (i) Issues potentially concerning the rules and policies of the Multilateral Fund;
 - (ii) Changes which would modify any clause of this Agreement;
 - (iii) Changes in the annual levels of funding allocated to individual bilateral or implementing agencies for the different tranches;
 - (iv) Provision of funding for activities not included in the current endorsed Tranche Implementation Plan, or removal of an activity in the Tranche Implementation Plan, with a cost greater than 30 per cent of the total cost of the last approved tranche; and
 - (v) Changes in alternative technologies, on the understanding that any submission for such a request would identify the associated incremental costs, the potential impact to the climate, and any differences in ODP tonnes to be phased out if applicable, as well as confirm that the Country agrees that potential savings related to the change of technology would decrease the overall funding level under this Agreement accordingly;
- (b) Reallocations not categorized as major changes may be incorporated in the approved Tranche Implementation Plan, under implementation at the time, and reported to the Executive Committee in the subsequent Tranche Implementation Report;

- (c) Any enterprise to be converted to non-HCFC technology included in the Plan and that would be found to be ineligible under the policies of the Multilateral Fund (i.e., due to foreign ownership or establishment post the 21 September 2007 cut-off date), would not receive financial assistance. This information would be reported as part of the Tranche Implementation Plan;
- (d) The Country commits to examining the possibility of using pre-blended systems with low-global warming potential blowing agents instead of blending them in-house, for those foam enterprises covered under the Plan, should this be technically viable, economically feasible and acceptable to the enterprises;
- (e) The Country agrees, in cases where HFC technologies have been chosen as an alternative to HCFCs, and taking into account national circumstances related to health and safety: to monitor the availability of substitutes and alternatives that further minimize impacts on the climate; to consider, in the review of regulations, standards and incentives adequate provisions that encourage introduction of such alternatives; and to consider the potential for adoption of cost-effective alternatives that minimize the climate impact in the implementation of the HPMP, as appropriate, and inform the Executive Committee on the progress accordingly in tranche implementation reports; and
- (f) Any remaining funds held by the bilateral or implementing agencies or the Country under the Plan will be returned to the Multilateral Fund upon completion of the last tranche foreseen under this Agreement.

Considerations for the refrigeration servicing sector

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sector included in the Plan, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and
- (b) The Country and relevant bilateral and/or implementing agencies would take into consideration relevant decisions on the refrigeration servicing sector during the implementation of the Plan.

Bilateral and implementing agencies

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. UNDP has agreed to be the lead implementing agency (the “Lead IA”) and UNEP has agreed to be the cooperating implementing agency (the “Cooperating IA”) under the lead of the Lead IA in respect of the Country’s activities under this Agreement. The Country agrees to evaluations, which might be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of the Lead IA and Cooperating IA taking part in this Agreement.

10. The Lead IA will be responsible for ensuring co-ordinated planning, implementation and reporting of all activities under this Agreement, including but not limited to independent verification as per sub-paragraph 5(b). The Cooperating IA will support the Lead IA by implementing the Plan under the overall co-ordination of the Lead IA. The roles of the Lead IA and Cooperating IA are contained in Appendix 6-A and Appendix 6-B, respectively. The Executive Committee agrees, in principle, to provide the Lead IA and the Cooperating IA with the fees set out in rows 2.2 and 2.4 of Appendix 2-A.

Non-compliance with the Agreement

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amount set out in Appendix 7-A (“Reductions in Funding for Failure to Comply”) in respect of each ODP kg of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this Agreement, and take related decisions. Once decisions are taken, the specific case of non-compliance with this Agreement will not be an impediment for the provision of funding for future tranches as per paragraph 5 above.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decisions that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee, UNDP the Lead IA and the Cooperating IA to facilitate implementation of this Agreement. In particular, it will provide the Lead IA and the Cooperating IA with access to the information necessary to verify compliance with this Agreement.

Date of completion

14. The completion of the Plan and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption level has been specified in Appendix 2-A. Should at that time there still be activities that are outstanding, and which were foreseen in the last Tranche Implementation Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion of the Plan will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per sub-paragraphs 1(a), 1(b), 1(d), and 1(e) of Appendix 4-A will continue until the time of the completion of the Plan unless otherwise specified by the Executive Committee.

Validity

15. All of the conditions set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

16. This Agreement may be modified or terminated only by mutual written agreement of the Country and the Executive Committee of the Multilateral Fund.

17. This updated Agreement supersedes the Agreement reached between the Government of Bangladesh and the Executive Committee at the 81st meeting of the Executive Committee.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

| Substance | Annex | Group | Starting point for aggregate reductions in consumption (ODP tonnes) |
|-----------|-------|-------|---|
| HCFC-22 | C | I | 45.42 |
| HCFC-141b | C | I | 21.23 |
| HCFC-142b | C | I | 5.72 |
| HCFC-123 | C | I | 0.21 |
| HCFC-124 | C | I | 0.07 |
| Total | C | I | 72.65 |

APPENDIX 2-A: THE TARGETS, AND FUNDING

| Row | Particulars | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | Total |
|-------|--|-----------|-------|-------|-------|-----------|-------|-----------|--------|-----------|
| 1.1 | Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes) | 65.39 | 65.39 | 47.22 | 47.22 | 47.22 | 47.22 | 47.22 | 23.61 | n/a |
| 1.2 | Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes) | 50.86 | 50.86 | 47.22 | 47.22 | 47.22 | 30.50 | 26.50 | 23.61 | n/a |
| 2.1 | Lead IA (UNDP) agreed funding (US \$) | 2,142,405 | 0 | 0 | 0 | 2,142,405 | 0 | 1,071,204 | 0 | 5,356,014 |
| 2.2 | Support costs for Lead IA (US \$) | 149,968 | 0 | 0 | 0 | 149,968 | 0 | 74,985 | 0 | 374,921 |
| 2.3 | Cooperating IA (UNEP) agreed funding (US \$) | 360,000 | 0 | 0 | 0 | 0 | 0 | 120,400 | 54,280 | 534,680 |
| 2.4 | Support costs for Cooperating IA (US \$) | 46,333 | 0 | 0 | 0 | 0 | 0 | 15,496 | 6,986 | 68,815 |
| 3.1 | Total agreed funding (US \$) | 2,502,405 | 0 | 0 | 0 | 2,142,405 | 0 | 1,191,603 | 54,280 | 5,890,694 |
| 3.2 | Total support costs (US \$) | 196,301 | 0 | 0 | 0 | 149,968 | 0 | 90,481 | 6,986 | 443,736 |
| 3.3 | Total agreed costs (US \$) | 2,698,706 | 0 | 0 | 0 | 2,292,374 | 0 | 1,282,084 | 61,266 | 6,334,430 |
| 4.1.1 | Total phase-out of HCFC-22 agreed to be achieved under this Agreement (ODP tonnes) | | | | | | | | | 18.86 |
| 4.1.2 | Phase-out of HCFC-22 to be achieved in the previous stage (ODP tonnes) | | | | | | | | | 3.48 |
| 4.1.3 | Remaining eligible consumption for HCFC-22 (ODP tonnes) | | | | | | | | | 23.08 |
| 4.2.1 | Total phase-out of HCFC-141b agreed to be achieved under this Agreement (ODP tonnes) | | | | | | | | | 0.00 |
| 4.2.2 | Phase-out of HCFC-141b to be achieved in the previous stage (ODP tonnes) | | | | | | | | | 20.20 |

| Row | Particulars | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | Total |
|-------|--|------|------|------|------|------|------|------|------|-------|
| 4.2.3 | Remaining eligible consumption for HCFC-141b (ODP tonnes)* | | | | | | | | | 1.03 |
| 4.3.1 | Total phase-out of HCFC-142b agreed to be achieved under this Agreement (ODP tonnes) | | | | | | | | | 5.15 |
| 4.3.2 | Phase-out of HCFC-142b to be achieved in the previous stage (ODP tonnes) | | | | | | | | | 0.57 |
| 4.3.3 | Remaining eligible consumption for HCFC-142b (ODP tonnes) | | | | | | | | | 0.00 |
| 4.4.1 | Total phase-out of HCFC-123 agreed to be achieved under this Agreement (ODP tonnes) | | | | | | | | | 0.00 |
| 4.4.2 | Phase-out of HCFC-123 to be achieved in the previous stage (ODP tonnes) | | | | | | | | | 0.21 |
| 4.4.3 | Remaining eligible consumption for HCFC-123 (ODP tonnes) | | | | | | | | | 0.00 |
| 4.5.1 | Total phase-out of HCFC-124 agreed to be achieved under this Agreement (ODP tonnes) | | | | | | | | | 0.00 |
| 4.5.2 | Phase-out of HCFC-124 to be achieved in the previous stage (ODP tonnes) | | | | | | | | | 0.07 |
| 4.5.3 | Remaining eligible consumption for HCFC-124 (ODP tonnes) | | | | | | | | | 0.00 |

Date of completion of stage I as per stage I Agreement: 1 January 2018

* Consumption of HCFC-141b is nil as the Government has imposed a ban on imported bulk HCFC-141b.

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval at the second meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF TRANCHE IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Tranche Implementation Report and Plans for each tranche request will consist of five parts:

- (a) A narrative report, with data provided by tranche, describing the progress achieved since the previous report, reflecting the situation of the Country in regard to phase out of the Substances, how the different activities contribute to it, and how they relate to each other. The report should include the amount of ODS phased out as a direct result from the implementation of activities, by substance, and the alternative technology used and the related phase-in of alternatives, to allow the Secretariat to provide to the Executive Committee information about the resulting change in climate relevant emissions. The report should further highlight successes, experiences, and challenges related to the different activities included in the Plan, reflecting any changes in the circumstances in the Country, and providing other relevant information. The report should also include information on and justification for any changes vis-à-vis the previously submitted Tranche Implementation Plan(s), such as delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes;
- (b) An independent verification report of the Plan results and the consumption of the Substances, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;
- (c) A written description of the activities to be undertaken during the period covered by the requested tranche, highlighting implementation milestones, the time of completion and the interdependence of the activities, and taking into account experiences made and progress achieved in the implementation of earlier tranches; the data in the plan will be provided by calendar year. The description should also include a reference to the overall Plan and progress achieved, as well as any possible changes to the overall Plan that are foreseen. The description should also specify and explain in detail such changes to the overall plan. This

description of future activities can be submitted as a part of the same document as the narrative report under sub-paragraph (b) above;

- (d) A set of quantitative information for all Tranche Implementation Reports and Plans, submitted through an online database; and
 - (e) An Executive Summary of about five paragraphs, summarizing the information of the above sub-paragraphs 1(a) to 1(d).
2. In the event that in a particular year two stages of the HPMP are being implemented in parallel, the following considerations should be taken in preparing the Tranche Implementation Reports and Plans:
- (a) The Tranche Implementation Reports and Plans referred to as part of this Agreement, will exclusively refer to activities and funds covered by this Agreement; and
 - (b) If the stages under implementation have different HCFC consumption targets under Appendix 2-A of each Agreement in a particular year, the lower HCFC consumption target will be used as reference for compliance with these Agreements and will be the basis for the independent verification.

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. The overall monitoring will be the responsibility of National Ozone Unit (NOU). The consumption will be monitored on cross-checking the data collected from relevant government departments with data collected, as required, from the relevant importers, distributors and consumers. The NOU will also be responsible for reporting and shall submit the following reports in timely manner:

- (a) Annual reports on consumption of substances to be submitted to the Ozone Secretariat;
- (b) Annual reports on the progress of implementation of this Agreement to be submitted to the Executive Committee of the Multilateral Fund; and
- (c) Project -related reports to the Lead IA.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities, including at least the following:
- (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's HPMP;
 - (b) Assisting the Country in preparation of the Tranche Implementation Reports and Plans as per Appendix 4-A;
 - (c) Providing independent verification to the Executive Committee that the Targets have been met and associated tranche activities have been completed as indicated in the Tranche Implementation Plan consistent with Appendix 4-A;
 - (d) Ensuring that the experiences and progress is reflected in updates of the overall plan and in future Tranche Implementation Plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;

- (e) Fulfilling the reporting requirements for the Tranche Implementation Reports and Plans and the overall plan as specified in Appendix 4-A for submission to the Executive Committee, and should include the activities implemented by the Cooperating IA;
- (f) In the event that the last funding tranche is requested one or more years prior to the last year for which a consumption target had been established, annual tranche implementation reports and, where applicable, verification reports on the current stage of the Plan should be submitted until all activities foreseen had been completed and HCFC consumption targets had been met;
- (g) Ensuring that appropriate independent technical experts carry out the technical reviews;
- (h) Carrying out required supervision missions;
- (i) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Tranche Implementation Plan and accurate data reporting;
- (j) Co-ordinating the activities of the Cooperating IA, and ensuring appropriate sequence of activities;
- (k) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country and the Cooperating IA, the allocation of the reductions to the different budget items and to the funding of the Lead IA and Cooperating IA;
- (l) Ensuring that disbursements made to the Country are based on the use of the indicators;
- (m) Providing assistance with policy, management and technical support when required;
- (n) Reaching consensus with the Cooperating IA on any planning, co-ordination and reporting arrangements required to facilitate the implementation of the Plan; and
- (o) Timely releasing funds to the Country/participating enterprises for completing the activities related to the project.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent entity to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 6-B: ROLE OF THE COOPERATING IMPLEMENTING AGENCIES

1. The Cooperating IA will be responsible for a range of activities. These activities are specified in the Plan, including at least the following:

- (a) Providing assistance for policy development when required;
- (b) Assisting the Country in the implementation and assessment of the activities funded by the Cooperating IA, and refer to the Lead IA to ensure a co-ordinated sequence in the activities;

- (c) Providing reports to the Lead IA on these activities, for inclusion in the consolidated reports as per Appendix 4-A; and
- (d) Reaching consensus with the Lead IA on any planning, co-ordination and reporting arrangements required to facilitate the implementation of the Plan.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$490.7 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met, on the understanding that the maximum funding reduction would not exceed the funding level of the tranche being requested. Additional measures might be considered in cases where non-compliance extends for two consecutive years.

2. In the event that the penalty needs to be applied for a year in which there are two Agreements in force (two stages of the HPMP being implemented in parallel) with different penalty levels, the application of the penalty will be determined on a case-by-case basis taking into consideration the specific sectors that lead to the non-compliance. If it is not possible to determine a sector, or both stages are addressing the same sector, the penalty level to be applied would be the largest.

Annex XX

UPDATED AGREEMENT BETWEEN THE GOVERNMENT OF THE ISLAMIC REPUBLIC OF IRAN AND THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE REDUCTION IN CONSUMPTION OF HYDROCHLOROFLUOROCARBONS IN ACCORDANCE WITH STAGE II OF THE HCFC PHASE-OUT MANAGEMENT PLAN

Purpose

1. This Agreement represents the understanding of the Government of the Islamic Republic of Iran (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone-depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of 95.13 ODP tonnes by 1 January 2024 in compliance with Montreal Protocol schedule.
2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances that exceeds the level defined in row 1.2 of Appendix 2-A as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances that exceeds the level defined in rows 4.1.3 and 4.2.3 (remaining consumption eligible for funding).
3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees, in principle, to provide the funding set out in row 3.1 of Appendix 2-A to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).
4. The Country agrees to implement this Agreement in accordance with the stage II of the HCFC phase-out management plan (HPMP) approved (“the Plan”). In accordance with sub-paragraph 5(b) of this Agreement, the Country will accept independent verification of the achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A of this Agreement. The aforementioned verification will be commissioned by the relevant bilateral or implementing agency.

Conditions for funding release

5. The Executive Committee will only provide the Funding in accordance with the Funding Approval Schedule when the Country satisfies the following conditions at least eight weeks in advance of the applicable Executive Committee meeting set out in the Funding Approval Schedule:
 - (a) That the Country has met the Targets set out in row 1.2 of Appendix 2-A for all relevant

years. Relevant years are all years since the year in which this Agreement was approved. Years for which there are no due country programme implementation reports at the date of the Executive Committee meeting at which the funding request is being presented are exempted;

- (b) That the meeting of these Targets has been independently verified for all relevant years, unless the Executive Committee decided that such verification would not be required;
- (c) That the Country had submitted a Tranche Implementation Report in the form of Appendix 4-A (“Format of Tranche Implementation Reports and Plans”) covering each previous calendar year; that it had achieved a significant level of implementation of activities initiated with previously approved tranches; and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent; and
- (d) That the Country has submitted a Tranche Implementation Plan in the form of Appendix 4-A covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen.

Monitoring

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous Tranche Implementation Plans in accordance with their roles and responsibilities set out in the same appendix.

Flexibility in the reallocation of funds

7. The Executive Committee agrees that the Country may have the flexibility to reallocate part or all of the approved funds, according to the evolving circumstances to achieve the smoothest reduction of consumption and phase-out of the Substances specified in Appendix 1-A:

- (a) Reallocations categorized as major changes must be documented in advance either in a Tranche Implementation Plan as foreseen in sub-paragraph 5(d) above, or as a revision to an existing Tranche Implementation Plan to be submitted eight weeks prior to any meeting of the Executive Committee, for its approval. Major changes would relate to:
 - (i) Issues potentially concerning the rules and policies of the Multilateral Fund;
 - (ii) Changes which would modify any clause of this Agreement;
 - (iii) Changes in the annual levels of funding allocated to individual bilateral or implementing agencies for the different tranches;
 - (iv) Provision of funding for activities not included in the current endorsed Tranche Implementation Plan, or removal of an activity in the Tranche Implementation Plan, with a cost greater than 30 per cent of the total cost of the last approved tranche; and

- (v) Changes in alternative technologies, on the understanding that any submission for such a request would identify the associated incremental costs, the potential impact to the climate, and any differences in ODP tonnes to be phased out if applicable, as well as confirm that the Country agrees that potential savings related to the change of technology would decrease the overall funding level under this Agreement accordingly;
- (b) Reallocations not categorized as major changes may be incorporated in the approved Tranche Implementation Plan, under implementation at the time, and reported to the Executive Committee in the subsequent Tranche Implementation Report;
- (c) Any enterprise to be converted to non-HCFC technology included in the Plan and that would be found to be ineligible under the policies of the Multilateral Fund (i.e., due to foreign ownership or establishment post the 21 September 2007 cut-off date), would not receive financial assistance. This information would be reported as part of the Tranche Implementation Plan;
- (d) The Country commits to examining the possibility of using pre-blended systems with low-global warming potential blowing agents instead of blending them in-house, for those foam enterprises covered under the Plan, should this be technically viable, economically feasible and acceptable to the enterprises;
- (e) The Country agrees, in cases where HFC technologies have been chosen as an alternative to HCFCs, and taking into account national circumstances related to health and safety: to monitor the availability of substitutes and alternatives that further minimize impacts on the climate; to consider, in the review of regulations standards and incentives adequate provisions that encourage introduction of such alternatives; and to consider the potential for adoption of cost-effective alternatives that minimize the climate impact in the implementation of the HPMP, as appropriate, and inform the Executive Committee on the progress accordingly in tranche implementation reports; and
- (f) Any remaining funds held by the bilateral or implementing agencies or the Country under the Plan will be returned to the Multilateral Fund upon completion of the last tranche foreseen under this Agreement.

Considerations for the refrigeration servicing sector

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sector included in the Plan, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and
- (b) The Country and relevant bilateral and/or implementing agencies would take into consideration relevant decisions on the refrigeration servicing sector during the implementation of the Plan.

Bilateral and implementing agencies

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. UNDP has agreed to be the lead implementing agency (the “Lead IA”) and UNEP, UNIDO, the Government of Germany and the Government of Italy have agreed to be the cooperating implementing agencies (the “Cooperating IAs”) under the lead of the Lead IA in respect of the Country’s activities under this Agreement. The Country agrees to evaluations, which might be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of the Lead IA and/or Cooperating IAs taking part in this Agreement.

10. The Lead IA will be responsible for ensuring co-ordinated planning, implementation and reporting of all activities under this Agreement, including but not limited to independent verification as per sub-paragraph 5(b). The Cooperating IAs will support the Lead IA by implementing the Plan under the overall co-ordination of the Lead IA. The roles of the Lead IA and Cooperating IAs are contained in Appendix 6-A and Appendix 6-B, respectively. The Executive Committee agrees, in principle, to provide the Lead IA and the Cooperating IAs with the fees set out in rows 2.2, 2.4, 2.6, 2.8 and 2.10 of Appendix 2-A.

Non-compliance with the Agreement

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amount set out in Appendix 7-A (“Reductions in Funding for Failure to Comply”) in respect of each ODP kg of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this Agreement, and take related decisions. Once decisions are taken, the specific case of non-compliance with this Agreement will not be an impediment for the provision of funding for future tranches as per paragraph 5 above.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decisions that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee, the Lead IA and the Cooperating IAs to facilitate implementation of this Agreement. In particular, it will provide the Lead IA and the Cooperating IAs with access to the information necessary to verify compliance with this Agreement.

Date of completion

14. The completion of the Plan and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption level has been specified in

Appendix 2-A. Should at that time there still be activities that are outstanding, and which were foreseen in the last Tranche Implementation Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion of the Plan will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per sub-paragraphs 1(a), 1(b), 1(d), and 1(e) of Appendix 4-A will continue until the time of the completion of the Plan unless otherwise specified by the Executive Committee.

Validity

15. All of the conditions set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

16. This Agreement may be modified or terminated only by mutual written agreement of the Country and the Executive Committee of the Multilateral Fund.

17. This updated Agreement supersedes the Agreement reached between the Government of the Islamic Republic of Iran and the Executive Committee at the 77th meeting of the Executive Committee.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

| Substance | Annex | Group | Starting point for aggregate reductions in consumption (ODP tonnes) |
|-----------|-------|-------|---|
| HCFC-22 | C | I | 163.6 |
| HCFC-141b | C | I | 216.9 |
| Total | | | 380.5 |

APPENDIX 2-A: THE TARGETS, AND FUNDING

| Row | Particulars | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | Total |
|-----|--|-----------|--------|-----------|--------|-----------|--------|---------|---------|--------|-----------|
| 1.1 | Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes) | 342.45 | 342.45 | 342.45 | 342.45 | 247.33 | 247.33 | 247.33 | 247.33 | 247.33 | n/a |
| 1.2 | Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes) | 342.45 | 342.45 | 266.35 | 266.35 | 247.33 | 247.33 | 247.33 | 95.13 | 95.13 | n/a |
| 2.1 | Lead IA (UNDP) agreed funding (US \$) | 1,298,170 | 0 | 1,593,980 | 0 | 1,307,980 | 0 | 464,231 | 241,000 | 0 | 4,905,361 |

| Row | Particulars | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | Total |
|-------|--|-----------|------|-----------|------|-----------|------|-----------|-----------|------|------------|
| 2.2 | Support costs for Lead IA (US \$) | 90,872 | 0 | 111,579 | 0 | 91,559 | 0 | 32,496 | 16,870 | 0 | 343,375 |
| 2.3 | Cooperating IA (UNIDO) agreed funding (US \$) | 473,567 | 0 | 584,000 | 0 | 524,000 | 0 | 0 | 521,638 | 0 | 2,103,205 |
| 2.4 | Support costs for Cooperating IA (US \$) | 33,150 | 0 | 40,880 | 0 | 36,680 | 0 | 0 | 36,515 | 0 | 147,224 |
| 2.5 | Cooperating IA (UNEP) agreed funding (US \$) | 200,000 | 0 | 190,000 | 0 | 170,000 | 0 | 0 | 140,000 | 0 | 700,000 |
| 2.6 | Support costs for Cooperating IA (US \$) | 24,857 | 0 | 23,614 | 0 | 21,129 | 0 | 0 | 17,400 | 0 | 87,000 |
| 2.7 | Cooperating IA (Germany) agreed funding (US \$) | 645,500 | 0 | 1,047,035 | 0 | 285,009 | 0 | 598,000 | 96,860 | 0 | 2,672,404 |
| 2.8 | Support costs for Cooperating IA (US \$) | 73,420 | 0 | 119,092 | 0 | 32,417 | 0 | 68,018 | 11,017 | 0 | 303,964 |
| 2.9 | Cooperating IA (Italy) agreed funding (US \$) | 403,203 | 0 | 504,004 | 0 | 0 | 0 | 0 | 0 | 0 | 907,207 |
| 2.1 | Support costs for Cooperating IA (US \$) | 48,797 | 0 | 60,996 | 0 | 0 | 0 | 0 | 0 | 0 | 109,793 |
| 3.1 | Total agreed funding (US \$) | 3,020,440 | 0 | 3,919,019 | 0 | 2,286,989 | 0 | 1,062,231 | 999,498 | 0 | 11,288,177 |
| 3.2 | Total support costs (US \$) | 271,096 | 0 | 356,161 | 0 | 181,785 | 0 | 100,514 | 81,802 | 0 | 991,357 |
| 3.3 | Total agreed costs (US \$) | 3,291,536 | 0 | 4,275,180 | 0 | 2,468,774 | 0 | 1,162,745 | 1,081,300 | 0 | 12,279,534 |
| 4.1.1 | Total phase-out of HCFC-22 agreed to be achieved under this Agreement (ODP tonnes) | | | | | | | | | | 71.27 |
| 4.1.2 | Phase-out of HCFC-22 to be achieved in the previous stage (ODP tonnes) | | | | | | | | | | 38.60 |
| 4.1.3 | Remaining eligible consumption for HCFC-22 (ODP tonnes) | | | | | | | | | | 53.73 |
| 4.2.1 | Total phase-out of HCFC-141b agreed to be achieved under this Agreement (ODP tonnes) | | | | | | | | | | 91.10 |
| 4.2.2 | Phase-out of HCFC-141b to be achieved in the previous stage (ODP tonnes) | | | | | | | | | | 125.80 |
| 4.2.3 | Remaining eligible consumption for HCFC-141b (ODP tonnes) | | | | | | | | | | 0.00 |

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval at the second meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF TRANCHE IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Tranche Implementation Report and Plans for each tranche request will consist of five parts:
 - (a) A narrative report, with data provided by tranche, describing the progress achieved since the previous report, reflecting the situation of the Country in regard to phase out of the Substances, how the different activities contribute to it, and how they relate to each other. The report should include the amount of ODS phased out as a direct result from the implementation of activities, by substance, and the alternative technology used and the related phase-in of alternatives, to allow the Secretariat to provide to the Executive Committee information about the resulting change in climate relevant emissions. The report should further highlight successes, experiences, and challenges related to the different activities included in the Plan, reflecting any changes in the circumstances in the Country, and providing other relevant information. The report should also include information on and justification for any changes vis-à-vis the previously submitted Tranche Implementation Plan(s), such as delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes;
 - (b) An independent verification report of the Plan results and the consumption of the Substances, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;
 - (c) A written description of the activities to be undertaken during the period covered by the requested tranche, highlighting implementation milestones, the time of completion and the interdependence of the activities, and taking into account experiences made and progress achieved in the implementation of earlier tranches; the data in the plan will be provided by calendar year. The description should also include a reference to the overall Plan and progress achieved, as well as any possible changes to the overall Plan that are foreseen. The description should also specify and explain in detail such changes to the overall plan. This description of future activities can be submitted as a part of the same document as the narrative report under sub-paragraph (b) above;
 - (d) A set of quantitative information for all Tranche Implementation Reports and Plans, submitted through an online database; and

- (e) An Executive Summary of about five paragraphs, summarizing the information of the above sub-paragraphs 1(a) to 1(d).
- 2. In the event that in a particular year two stages of the HPMP are being implemented in parallel, the following considerations should be taken in preparing the Tranche Implementation Reports and Plans:
 - (a) The Tranche Implementation Reports and Plans referred to as part of this Agreement, will exclusively refer to activities and funds covered by this Agreement; and
 - (b) If the stages under implementation have different HCFC consumption targets under Appendix 2-A of each Agreement in a particular year, the lower HCFC consumption target will be used as reference for compliance with these Agreements and will be the basis for the independent verification.

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. The monitoring process will be managed by the Department of Environment (DOE) through the National Ozone Unit (NOU) with the assistance of the Lead IA.
2. The consumption will be monitored and determined based on official import and export data for the Substances recorded by relevant Government departments. The NOU shall compile and report on an annual basis on or before the relevant due dates on consumption of the Substances to be submitted to the Ozone Secretariat and on progress of implementation of HPMP to be submitted to the Executive Committee.
3. The NOU and the Lead IA will engage an independent and qualified entity to carry out a qualitative and quantitative performance evaluation of the HPMP implementation.
4. The evaluating entity shall have full access to relevant technical and financial information related to implementation of the HPMP; it shall prepare and submit to the NOU and the Lead IA, a consolidated draft report at the end of each Tranche Implementation Plan, comprising of the findings of the evaluation and recommendations for improvements or adjustments, if any. The draft report shall include the status of the Country's compliance with the provisions of this Agreement upon incorporating the comments and explanations as may be applicable, from NOU, Lead IA and the Cooperating IAs, the evaluating entity shall finalize the report and submit to the NOU and Lead IA.
5. The NOU shall endorse the final report and the Lead IA shall submit the same to the relevant meeting of the Executive Committee along with the Tranche Implementation plan and reports.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities, including at least the following:
 - (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's HPMP;
 - (b) Assisting the Country in preparation of the Tranche Implementation Reports and Plans as

per Appendix 4-A;

- (c) Providing independent verification to the Executive Committee that the Targets have been met and associated tranche activities have been completed as indicated in the Tranche Implementation Plan consistent with Appendix 4-A;
- (d) Ensuring that the experiences and progress is reflected in updates of the overall plan and in future Tranche Implementation Plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;
- (e) Fulfilling the reporting requirements for the Tranche Implementation Reports and Plans and the overall plan as specified in Appendix 4-A for submission to the Executive Committee, and should include the activities implemented by the Cooperating IAs;
- (f) In the event that the last funding tranche is requested one or more years prior to the last year for which a consumption target had been established, annual tranche implementation reports and, where applicable, verification reports on the current stage of the Plan should be submitted until all activities foreseen had been completed and HCFC consumption targets had been met;
- (g) Ensuring that appropriate independent technical experts carry out the technical reviews;
- (h) Carrying out required supervision missions;
- (i) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Tranche Implementation Plan and accurate data reporting;
- (j) Co-ordinating the activities of the Cooperating IAs, and ensuring appropriate sequence of activities;
- (k) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country and the Cooperating IAs, the allocation of the reductions to the different budget items and to the funding of the Lead IA and each Cooperating IA;
- (l) Ensuring that disbursements made to the Country are based on the use of the indicators;
- (m) Providing assistance with policy, management and technical support when required;
- (n) Reaching consensus with the Cooperating IAs on any planning, co-ordination and reporting arrangements required to facilitate the implementation of the Plan; and
- (o) Timely releasing funds to the Country/participating enterprises for completing the activities related to the project.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent entity to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 6-B: ROLE OF THE COOPERATING IMPLEMENTING AGENCIES

1. The Cooperating IAs will be responsible for a range of activities. These activities are specified in the Plan, including at least the following:

- (a) Providing assistance for policy development when required;
- (b) Assisting the Country in the implementation and assessment of the activities funded by the Cooperating IAs, and refer to the Lead IA to ensure a co-ordinated sequence in the activities;
- (c) Providing reports to the Lead IA on these activities, for inclusion in the consolidated reports as per Appendix 4-A; and
- (d) Reaching consensus with the Lead IA on any planning, co-ordination and reporting arrangements required to facilitate the implementation of the Plan.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$139 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met, on the understanding that the maximum funding reduction would not exceed the funding level of the tranche being requested. Additional measures might be considered in cases where non-compliance extends for two consecutive years.

2. In the event that the penalty needs to be applied for a year in which there are two Agreements in force (two stages of the HPMP being implemented in parallel) with different penalty levels, the application of the penalty will be determined on a case-by-case basis taking into consideration the specific sectors that lead to the non-compliance. If it is not possible to determine a sector, or both stages are addressing the same sector, the penalty level to be applied would be the largest.

APPENDIX 8-A: SECTOR SPECIFIC ARRANGEMENTS

1. This section outlines a specific condition required to be met before the portion of funding shown in rows 2.1 to 2.10 and 3.1 to 3.3 of Appendix 2-A could be released:

- (a) That the Lead IA, the Cooperating IAs and the Country have included in the submission of the request for the second tranche a report on the results of the conversion of the first 15 enterprises in the refrigeration and air-conditioning manufacturing sector to low-GWP alternatives highlighting lessons learned and challenges faced.

Annex XXI

REVISED UPDATED AGREEMENT BETWEEN THE GOVERNMENT OF MEXICO AND THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE REDUCTION IN CONSUMPTION OF HYDROCHLOROFLUOROCARBONS IN ACCORDANCE WITH STAGE II OF THE HCFC PHASE-OUT MANAGEMENT PLAN

1. This Agreement represents the understanding of the Government of Mexico (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone-depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of 373.36 ODP tonnes by 1 January 2023 in compliance with Montreal Protocol schedule.
2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances that exceeds the level defined in row 1.2 of Appendix 2-A as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances that exceeds the level defined in rows 4.1.3, 4.2.3, 4.3.3, 4.4.3 and 4.5.3 (remaining consumption eligible for funding).
3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees, in principle, to provide the funding set out in row 3.1 of Appendix 2-A to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).
4. The Country agrees to implement this Agreement in accordance with the stage II of the HCFC phase-out management plan (HPMP) approved (“the Plan”). In accordance with sub-paragraph 5(b) of this Agreement, the Country will accept independent verification of the achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A of this Agreement. The aforementioned verification will be commissioned by the relevant bilateral or implementing agency.
5. The Executive Committee will not provide the Funding in accordance with the Funding Approval Schedule unless the Country satisfies the following conditions at least eight weeks in advance of the applicable Executive Committee meeting set out in the Funding Approval Schedule:
 - (a) That the Country has met the Targets set out in row 1.2 of Appendix 2-A for all relevant years. Relevant years are all years since the year in which this Agreement was approved. Years for which there are no due country programme implementation reports at the date of the Executive Committee meeting at which the funding request is being presented are exempted;
 - (b) That the meeting of these Targets has been independently verified, unless the Executive Committee decided that such verification would not be required;
 - (c) That the Country had submitted Tranche Implementation Reports in the form of Appendix 4-A (“Format of Tranche Implementation Reports and Plans”) covering each previous calendar year; that it had achieved a significant level of implementation of activities initiated with previously approved tranches; and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent; and

- (d) That the Country has submitted a Tranche Implementation Plan in the form of Appendix 4-A covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen.

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous Tranche Implementation Plans in accordance with their roles and responsibilities set out in Appendix 5-A. This monitoring will also be subject to independent verification as described in paragraph 4 above.

7. The Executive Committee agrees that the Country may have the flexibility to reallocate the approved funds, or part of the funds, according to the evolving circumstances to achieve the smoothest reduction of consumption and phase-out of the Substances specified in Appendix 1-A:

- (a) Reallocations categorized as major changes must be documented in advance either in a Tranche Implementation Plan submitted as foreseen in sub-paragraph 5(d) above, or as a revision to an existing Tranche Implementation Plan to be submitted eight weeks prior to any meeting of the Executive Committee, for its approval. Major changes would relate to:
 - (i) Issues potentially concerning the rules and policies of the Multilateral Fund;
 - (ii) Changes which would modify any clause of this Agreement;
 - (iii) Changes in the annual levels of funding allocated to individual bilateral or implementing agencies for the different tranches; and
 - (iv) Provision of funding for programmes or activities not included in the current endorsed Tranche Implementation Plan, or removal of an activity in the Tranche Implementation Plan, with a cost greater than 30 per cent of the total cost of the last approved tranche;
- (b) Reallocations not categorized as major changes may be incorporated in the approved Tranche Implementation Plan, under implementation at the time, and reported to the Executive Committee in the subsequent Tranche Implementation Report;
- (c) Should the Country decide during implementation of the Agreement to introduce an alternative technology other than that proposed in the Plan, this would require approval by the Executive Committee as part of a Tranche Implementation Plan or the revision of the approved plan. Any submission of such a request for change in technology would identify the associated incremental costs, the potential impact to the climate, and any differences in ODP tonnes to be phased out if applicable. The Country agrees that potential savings in incremental costs related to the change of technology would decrease the overall funding level under this Agreement accordingly;
- (d) Any enterprise to be converted to non-HCFC technology included in the Plan and that would be found to be ineligible under the guidelines of the Multilateral Fund (i.e., due to foreign ownership or establishment post the 21 September 2007 cut-off date), will not receive assistance. This information would be reported to the Executive Committee as part of the Tranche Implementation Plan; and

- (e) Any remaining funds held by the implementing agencies or the country under the Plan will be returned to the Multilateral Fund upon completion of the last tranche foreseen under this Agreement.

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sub-sector included in the Plan, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and
- (b) The Country and the relevant bilateral and/or implementing agencies will take into consideration decision 72/41 during the implementation of the plan.

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. UNIDO has agreed to be the lead implementing agency (the “Lead IA”) and the Government of Germany, the Government of Italy, UNEP and the Government of Spain have agreed to be the cooperating implementing agencies (the “Cooperating IAs”) under the lead of the Lead IA in respect of the Country’s activities under this Agreement. The Country agrees to evaluations, which might be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of the Lead IA and/or Cooperating IAs taking part in this Agreement.

10. The Lead IA will be responsible for ensuring co-ordinated planning, implementation and reporting of all activities under this Agreement, including but not limited to independent verification as per subparagraph 5(b). This responsibility includes the necessity to co-ordinate with the Cooperating IAs to ensure appropriate timing and sequence of activities in the implementation. The Cooperating IAs will support the Lead IA by implementing the activities listed in Appendix 6-B under the overall co-ordination of the Lead IA. The Lead IA and Cooperating IAs have reached consensus on the arrangements regarding inter-agency planning, reporting and responsibilities under this Agreement to facilitate a co-ordinated implementation of the Plan, including regular co-ordination meetings. The Executive Committee agrees, in principle, to provide the Lead IA and the Cooperating IAs with the fees set out in rows 2.2, 2.4, 2.6, 2.8 and 2.10 of Appendix 2 A.

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amount set out in Appendix 7-A (“Reductions in Funding for Failure to Comply”) in respect of each ODP kg of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this Agreement, and take related decisions. Once these decisions are taken, this specific case will not be an impediment for future tranches as per paragraph 5 above.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decision that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee, the Lead IA and the Cooperating IAs to facilitate implementation of this Agreement. In particular, it will provide the Lead IA and the Cooperating IAs with access to the information necessary to verify compliance with this Agreement.

14. The completion of the Plan and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption level has been specified in Appendix 2-A. Should at that time there still be activities that are outstanding, and which were foreseen in the last Tranche Implementation Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion of the Plan will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per sub-paragraphs 1(a), 1(b), 1(d), and 1(e) of Appendix 4-A will continue until the time of the completion of the Plan unless otherwise specified by the Executive Committee.

15. All of the conditions set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

16. This revised updated Agreement supersedes the Agreement reached between the Government of Mexico and the Executive Committee at the 79th meeting of the Executive Committee.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

| Substance | Annex | Group | Starting point for aggregate reductions in consumption (ODP tonnes) |
|-----------|-------|-------|---|
| HCFC-22 | C | I | 392.8 |
| HCFC-141b | C | I | 803.9 |
| HCFC-142b | C | I | 10.9 |
| HCFC-123 | C | I | 0.3 |
| HCFC-124 | C | I | 0.1 |
| Total | C | I | 1,208 |

APPENDIX 2-A: THE TARGETS, AND FUNDING

| Row | Particulars | 2014 | 2015 | 2016 | 2018 | 2020 | 2022 | 2023 | Total |
|-------|--|-----------|----------|-----------|-----------|--------|-----------|---------|------------|
| 1.1 | Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes) | 1,148.80 | 1,033.92 | 1,033.92 | 1,033.92 | 746.72 | 746.72 | 746.72 | n/a |
| 1.2 | Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes) | 1,148.80 | 1,033.92 | 1,033.92 | 746.72 | 574.40 | 373.36 | 373.36 | n/a |
| 2.1 | Lead IA (UNIDO) agreed funding (US \$) | 2,404,412 | 0 | 1,165,509 | 2,139,719 | 0 | 1,612,350 | 450,600 | 7,772,590 |
| 2.2 | Support costs for Lead IA (US \$) | 168,309 | 0 | 81,586 | 149,780 | 0 | 112,865 | 31,542 | 544,082 |
| 2.3 | Cooperating IA (Germany) agreed funding (US \$) | 325,000 | 0 | 325,000 | 0 | 0 | 0 | 0 | 650,000 |
| 2.4 | Support costs for Cooperating IA (US \$) | 40,750 | 0 | 40,750 | 0 | 0 | 0 | 0 | 81,500 |
| 2.5 | Cooperating IA (Italy) agreed funding (US \$) | 458,191 | 0 | 0 | 0 | 0 | 0 | 0 | 458,191 |
| 2.6 | Support costs for Cooperating IA (US \$) | 59,565 | 0 | 0 | 0 | 0 | 0 | 0 | 59,565 |
| 2.7 | Cooperating IA (UNEP) agreed funding (US \$) | 0 | 0 | 40,000 | 0 | 0 | 40,000 | 0 | 80,000 |
| 2.8 | Support costs for Cooperating IA (US \$) | 0 | 0 | 5,200 | 0 | 0 | 5,200 | 0 | 10,400 |
| 2.9 | Cooperating IA (Spain) agreed funding (US \$) | 0 | 0 | 1,056,991 | 1,070,000 | 0 | 0 | 0 | 2,126,991 |
| 2.10 | Support costs for Cooperating IA (US \$) | 0 | 0 | 121,238 | 122,731 | 0 | 0 | 0 | 243,969 |
| 3.1 | Total agreed funding (US \$) | 3,187,603 | 0 | 2,587,500 | 3,209,719 | 0 | 1,652,350 | 450,600 | 11,087,772 |
| 3.2 | Total support costs (US \$) | 268,624 | 0 | 248,774 | 272,511 | 0 | 118,065 | 31,542 | 939,516 |
| 3.3 | Total agreed costs (US \$) | 3,456,227 | 0 | 2,836,274 | 3,482,230 | 0 | 1,770,415 | 482,142 | 12,027,288 |
| 4.1.1 | Total phase-out of HCFC-22 agreed to be achieved under this Agreement (ODP tonnes) | | | | | | | | 105.5 |
| 4.1.2 | Phase-out of HCFC-22 to be achieved in previously approved projects (ODP tonnes) | | | | | | | | 24.8 |
| 4.1.3 | Remaining eligible consumption for HCFC-22 (ODP tonnes) | | | | | | | | 262.5 |
| 4.2.1 | Total phase-out of HCFC-141b agreed to be achieved under this Agreement (ODP tonnes) | | | | | | | | 411.4 |
| 4.2.2 | Phase-out of HCFC-141b to be achieved in previously approved projects (ODP tonnes) | | | | | | | | 392.5 |
| 4.2.3 | Remaining eligible consumption for HCFC-141b (ODP tonnes) | | | | | | | | 0.0 |
| 4.3.1 | Total phase-out of HCFC-142b agreed to be achieved under this Agreement (ODP tonnes) | | | | | | | | 0.0 |
| 4.3.2 | Phase-out of HCFC-142b to be achieved in previously approved projects (ODP tonnes) | | | | | | | | 10.9 |
| 4.3.3 | Remaining eligible consumption for HCFC-142b (ODP tonnes) | | | | | | | | 0.0 |
| 4.4.1 | Total phase-out of HCFC-123 agreed to be achieved under this Agreement (ODP tonnes) | | | | | | | | 0.0 |
| 4.4.2 | Phase-out of HCFC-123 to be achieved in previously approved projects (ODP tonnes) | | | | | | | | 0.0 |
| 4.4.3 | Remaining eligible consumption for HCFC-123 (ODP tonnes) | | | | | | | | 0.3 |
| 4.5.1 | Total phase-out of HCFC-124 agreed to be achieved under this Agreement (ODP tonnes) | | | | | | | | 0.0 |
| 4.5.2 | Phase-out of HCFC-124 to be achieved in previously approved projects (ODP tonnes) | | | | | | | | 0.0 |
| 4.5.3 | Remaining eligible consumption for HCFC-124 (ODP tonnes) | | | | | | | | 0.1 |

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval at the second meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF TRANCHE IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Tranche Implementation Report and Plans for each tranche request will consist of five parts:

- (a) A narrative report, with data provided by calendar year, regarding the progress since the year prior to the previous report, reflecting the situation of the Country in regard to phase out of the Substances, how the different activities contribute to it, and how they relate to each other. The report should include ODS phase-out as a direct result from the implementation of activities, by substance, and the alternative technology used and the related phase-in of alternatives, to allow the Secretariat to provide to the Executive Committee information about the resulting change in climate relevant emissions. The report should further highlight successes, experiences, and challenges related to the different activities included in the Plan, reflecting any changes in the circumstances in the Country, and providing other relevant information. The report should also include information on and justification for any changes vis-à-vis the previously submitted Tranche Implementation Plan(s), such as delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes. The narrative report will cover all relevant years specified in sub-paragraph 5(a) of the Agreement and can in addition also include information on activities in the current year;
- (b) An independent verification report of the Plan results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;
- (c) A written description of the activities to be undertaken until and including the year of the planned submission of the next tranche request, highlighting the interdependence of the activities, and taking into account experiences made and progress achieved in the implementation of earlier tranches; the data in the plan will be provided by calendar year. The description should also include a reference to the overall plan and progress achieved, as well as any possible changes to the overall plan that are foreseen. The description should cover the years specified in sub-paragraph 5(d) of the Agreement. The description should also specify and explain in detail such changes to the overall plan. This description of future activities can be submitted as a part of the same document as the narrative report under sub-paragraph (b) above;
- (d) A set of quantitative information for all Tranche Implementation Reports and Plans, submitted through an online database. This quantitative information, to be submitted by calendar year with each tranche request, will be amending the narratives and description for the report (see sub-paragraph 1(a) above) and the plan (see sub-paragraph 1(c) above), the Tranche Implementation Plan and any changes to the overall plan, and will cover the same time periods and activities; and
- (e) An Executive Summary of about five paragraphs, summarizing the information of the above sub-paragraphs 1(a) to 1(d).

2. In the event that in a particular year more than one stage of the HPMP are being implemented in parallel, the following considerations should be taken in preparing the Implementation Report and Plans:

- (a) The Implementation Report and Plans referred to as part of this Agreement, will exclusively refer to activities and funds covered by this Agreement; and
- (b) If the stages under implementation have different HCFC consumption targets in a particular year, the lower HCFC consumption target will be used as reference for compliance with the HPMP Agreements and for the independent verification.

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. The Ministry of the Environment and Natural Resources (SEMARNAT) is in charge of the protection, restoration and conservation of all ecosystems, natural resources and environmental services in order to promote a sustainable development. It is also responsible for carrying out national policies regarding climate change and ozone layer protection. The National Ozone Unit (under SEMARNAT) monitors the consumption and production of all ozone depleting substances (ODS) through regional teams. Inspections at converted companies to non-ODS technologies are foreseen to ensure the non uses of ODS after project completion.

2. The Government of Mexico has offered and intends to offer continuity of activities and endorsement for the projects over the next years as specified in the institutional support component and the list of activities of the institutional strengthening project. This will guarantee the success of any activity approved for Mexico.

3. Close monitoring of all activities and coordination between stakeholders is an essential element of the HPMP and key to reach compliance. There will be regular coordination meetings with industry stakeholders, HCFC importers, Government stakeholders (i.e., Ministries of Economy, Energy and Health), various industrial associations, and all sectors involved, in order to enact the necessary agreements and measures to carry out the investment and non-investment activities on time and in a coordinated manner. In the manufacturing sector the implementation process and the achievement of the phase-out will be monitored through site visits at enterprise level.

4. Yearly monitoring will be carried out through the ODS licensing and quota system. Verification site visits will be undertaken by independent international experts.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities, including at least the following:

- (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's HPMP;
- (b) Assisting the Country in preparation of the Tranche Implementation Reports and Plans as per Appendix 4-A;
- (c) Providing independent verification to the Executive Committee that the Targets have been met and associated tranche activities have been completed as indicated in the Tranche Implementation Plan consistent with Appendix 4-A;

- (d) Ensuring that the experiences and progress is reflected in updates of the overall plan and in future Tranche Implementation Plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;
- (e) Fulfilling the reporting requirements for the Tranche Implementation Reports and Plans and the overall plan as specified in Appendix 4-A for submission to the Executive Committee. The reporting requirements include the reporting about activities undertaken by the Cooperating IAs;
- (f) Ensuring that appropriate independent technical experts carry out the technical reviews;
- (g) Carrying out required supervision missions;
- (h) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Tranche Implementation Plan and accurate data reporting;
- (i) Co-ordinating the activities of the Cooperating IAs, and ensuring appropriate sequence of activities;
- (j) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country and the Cooperating IAs, the allocation of the reductions to the different budget items and to the funding of the Lead IA and each Cooperating IA;
- (k) Ensuring that disbursements made to the Country are based on the use of the indicators; and
- (l) Providing assistance with policy, management and technical support when required.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent entity to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 6-B: ROLE OF THE COOPERATING IMPLEMENTING AGENCIES

1. The Cooperating IAs will be responsible for a range of activities. These activities are specified in the Plan, including at least the following:

- (a) Providing assistance for policy development when required;
- (b) Assisting the Country in the implementation and assessment of the activities funded by the Cooperating IAs, and refer to the Lead IA to ensure a co-ordinated sequence in the activities; and
- (c) Providing reports to the Lead IA on these activities, for inclusion in the consolidated reports as per Appendix 4-A.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$134 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met. In the event that the penalty needs to be applied for a year in which there are two Agreements in force (two stages of the HPMP being implemented in parallel) with different penalty levels, the application of the penalty will be determined on a case-by-case basis taking into consideration the specific sectors related to the non-compliance. If it is not possible to determine a sector, or both stages are addressing the same sector, the penalty level to be applied would be the largest.

Annex XXII

REVISED UPDATED AGREEMENT BETWEEN THE GOVERNMENT OF PAKISTAN AND THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE REDUCTION IN CONSUMPTION OF HYDROCHLOROFLUOROCARBONS IN ACCORDANCE WITH STAGE II OF THE HCFC PHASE-OUT MANAGEMENT PLAN

1. This Agreement represents the understanding of the Government of Pakistan (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone-depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of 124.06 ODP tonnes by 1 January 2023 in compliance with Montreal Protocol schedule.
2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances that exceeds the level defined in row 1.2 of Appendix 2-A as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances that exceeds the level defined in rows 4.1.3, 4.2.3 and 4.3.3 (remaining consumption eligible for funding).
3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees, in principle, to provide the funding set out in row 3.1 of Appendix 2-A to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).
4. The Country agrees to implement this Agreement in accordance with the stage II of the HCFC phase-out management plan (HPMP) approved (“the Plan”). In accordance with sub-paragraph 5(b) of this Agreement, the Country will accept independent verification of the achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A of this Agreement. The aforementioned verification will be commissioned by the relevant bilateral or implementing agency.
5. The Executive Committee will not provide the Funding in accordance with the Funding Approval Schedule unless the Country satisfies the following conditions at least eight weeks in advance of the applicable Executive Committee meeting set out in the Funding Approval Schedule:
 - (a) That the Country has met the Targets set out in row 1.2 of Appendix 2-A for all relevant years. Relevant years are all years since the year in which this Agreement was approved. Years for which there are no due country programme implementation reports at the date of the Executive Committee meeting at which the funding request is being presented are exempted;
 - (b) That the meeting of these Targets has been independently verified, unless the Executive Committee decided that such verification would not be required;
 - (c) That the Country had submitted a Tranche Implementation Report in the form of Appendix 4-A (“Format of Tranche Implementation Reports and Plans”) covering each previous calendar year; that it had achieved a significant level of implementation of activities initiated with previously approved tranches; and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent; and

- (d) That the Country has submitted a Tranche Implementation Plan in the form of Appendix 4-A covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen.

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous Tranche Implementation Plans in accordance with their roles and responsibilities set out in Appendix 5-A. This monitoring will also be subject to independent verification as described in paragraph 4 above.

7. The Executive Committee agrees that the Country may have the flexibility to reallocate part or all of the approved funds, according to the evolving circumstances to achieve the smoothest reduction of consumption and phase-out of the Substances specified in Appendix 1-A:

- (a) Reallocations categorized as major changes must be documented in advance either in a Tranche Implementation Plan as foreseen in sub-paragraph 5(d) above, or as a revision to an existing Tranche Implementation Plan to be submitted eight weeks prior to any meeting of the Executive Committee, for its approval. Major changes would relate to:
 - (i) Issues potentially concerning the rules and policies of the Multilateral Fund;
 - (ii) Changes which would modify any clause of this Agreement;
 - (iii) Changes in the annual levels of funding allocated to individual bilateral or implementing agencies for the different tranches; and
 - (iv) Provision of funding for programmes or activities not included in the current endorsed Tranche Implementation Plan, or removal of an activity in the Tranche Implementation Plan, with a cost greater than 30 per cent of the total cost of the last approved tranche;
- (b) Reallocations not categorized as major changes may be incorporated in the approved Tranche Implementation Plan, under implementation at the time, and reported to the Executive Committee in the subsequent Tranche Implementation Report;
- (c) Should the Country decide during implementation of the Agreement to introduce an alternative technology other than that proposed in the Plan, this would require approval by the Executive Committee as part of a Tranche Implementation Plan or the revision of the approved plan. Any submission of such a request for change in technology would identify the associated incremental costs, the potential impact to the climate, and any differences in ODP tonnes to be phased out if applicable. The Country agrees that potential savings in incremental costs related to the change of technology would decrease the overall funding level under this Agreement accordingly;
- (d) Any enterprise to be converted to non-HCFC technology included in the Plan and that would be found to be ineligible under the guidelines of the Multilateral Fund (i.e., due to foreign ownership or establishment post the 21 September 2007 cut-off date), will not receive assistance. This information would be reported to the Executive Committee as part of the Tranche Implementation Plan; and

- (e) Any remaining funds held by the bilateral or implementing agencies or the country under the Plan will be returned to the Multilateral Fund upon completion of the last tranche foreseen under this Agreement.

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sub-sector included in the Plan, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and
- (b) The Country and the relevant bilateral and/or implementing agencies will take into consideration decision 72/41 during the implementation of the Plan.

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. UNIDO has agreed to be the lead implementing agency (the “Lead IA”) and UNEP has agreed to be the cooperating implementing agencies (the “Cooperating IA”) under the lead of the Lead IA in respect of the Country’s activities under this Agreement. The Country agrees to evaluations, which might be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of the Lead IA and Cooperating IA taking part in this Agreement.

10. The Lead IA will be responsible for ensuring co-ordinated planning, implementation and reporting of all activities under this Agreement, including but not limited to independent verification as per sub-paragraph 5(b). This responsibility includes the necessity to co-ordinate with the Cooperating IA to ensure appropriate timing and sequence of activities in the implementation. The Cooperating IA will support the Lead IA by implementing the activities listed in Appendix 6-B under the overall co-ordination of the Lead IA. The Lead IA and Cooperating IA will reach consensus on the arrangements regarding inter-agency planning including regular co-ordination meetings, reporting and responsibilities under this Agreement in order to facilitate a co-ordinated implementation of the Plan. The Executive Committee agrees, in principle, to provide the Lead IA and the Cooperating IA with the fees set out in rows 2.2 and 2.4 of Appendix 2-A.

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amount set out in Appendix 7-A (“Reductions in Funding for Failure to Comply”) in respect of each ODP kg of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this Agreement, and take related decisions. Once decisions are taken, the specific case of not compliance with this Agreement, will not be an impediment for the provision of funding for future tranches as per paragraph 5 above.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decision that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee, the Lead IA and the Cooperating IA to facilitate implementation of this Agreement. In particular, it will provide the

Lead IA and the Cooperating IA with access to the information necessary to verify compliance with this Agreement.

14. The completion of the Plan and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption level has been specified in Appendix 2-A. Should at that time there still be activities that are outstanding, and which were foreseen in the last Tranche Implementation Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion of the Plan will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per sub-paragraphs 1(a), 1(b), 1(d), and 1(e) of Appendix 4-A will continue until the time of the completion of the Plan unless otherwise specified by the Executive Committee.

15. All of the conditions set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

16. This revised updated Agreement supersedes the Agreement reached between the Government of Pakistan and the Executive Committee at the 88th meeting of the Executive Committee.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

| Substance | Annex | Group | Starting point for aggregate reductions in consumption (ODP tonnes) |
|-----------|-------|-------|---|
| HCFC-22 | C | I | 104.96 |
| HCFC-141b | C | I | 138.50 |
| HCFC-142b | C | I | 4.65 |
| Total | C | I | 248.11 |

APPENDIX 2-A: THE TARGETS, AND FUNDING

| Row | Particulars | 2016 | 2017 | 2018 | 2019* | 2020 | 2021 | 2022 | 2023 | Total |
|-----|--|-----------|--------|-----------|---------|--------|---------|---------|--------|-----------|
| 1.1 | Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes) | 223.30 | 223.30 | 223.30 | 223.30 | 161.27 | 161.27 | 161.27 | 161.27 | n/a |
| 1.2 | Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes) | 223.30 | 223.30 | 223.30 | 223.30 | 124.06 | 124.06 | 124.06 | 124.06 | n/a |
| 2.1 | Lead IA (UNIDO) agreed funding (US\$) | 2,350,200 | 0 | 1,979,852 | 619,938 | 0 | 0 | 161,340 | 0 | 5,111,330 |
| 2.2 | Support costs for lead IA (US\$) | 164,514 | 0 | 138,590 | 43,396 | 0 | 0 | 11,293 | 0 | 357,793 |
| 2.3 | Cooperating IA (UNEP) agreed funding (US\$) | 200,000 | 0 | 200,000 | 0 | 0 | 103,000 | 0 | 0 | 503,000 |
| 2.4 | Support costs for Cooperating IA (US\$) | 25,976 | 0 | 25,976 | 0 | 0 | 13,378 | 0 | 0 | 65,330 |
| 3.1 | Total agreed funding (US\$) | 2,550,200 | 0 | 2,179,852 | 619,938 | 0 | 103,000 | 161,340 | 0 | 5,614,330 |
| 3.2 | Total support costs (US\$) | 190,490 | 0 | 164,566 | 43,396 | 0 | 13,378 | 11,293 | 0 | 423,123 |

| Row | Particulars | 2016 | 2017 | 2018 | 2019* | 2020 | 2021 | 2022 | 2023 | Total |
|-------|---|-----------|------|-----------|---------|------|---------|---------|------|-----------|
| 3.3 | Total agreed costs (US\$) | 2,740,690 | 0 | 2,344,418 | 663,334 | 0 | 116,378 | 172,633 | 0 | 6,037,453 |
| 4.1.1 | Total phase-out of HCFC-22 agreed to be achieved under this Agreement (ODP tonnes) | | | | | | | | | 15.98 |
| 4.1.2 | Phase-out of HCFC-22 to be achieved through previously approved projects (ODP tonnes) | | | | | | | | | 7.40 |
| 4.1.3 | Remaining eligible consumption of HCFC-22 (ODP tonnes) | | | | | | | | | 81.57 |
| 4.2.1 | Total phase-out of HCFC-141b agreed to be achieved under this Agreement (ODP tonnes) | | | | | | | | | 58.69 |
| 4.2.2 | Phase-out of HCFC-141b to be achieved through previously approved projects (ODP tonnes) | | | | | | | | | 71.70 |
| 4.2.3 | Remaining eligible consumption of HCFC-141b (ODP tonnes) | | | | | | | | | 8.11 |
| 4.3.1 | Total phase-out of HCFC-142b agreed to be achieved under this Agreement (ODP tonnes) | | | | | | | | | 2.99 |
| 4.3.2 | Phase-out of HCFC-142b to be achieved through previously approved projects (ODP tonnes) | | | | | | | | | 0.00 |
| 4.3.3 | Remaining eligible consumption of HCFC-142b (ODP tonnes) | | | | | | | | | 0.00* |

* The country had agreed to phase out all consumption of HCFC-142b with the funding provided for the extruded polystyrene foam project

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval at the first meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF TRANCHE IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Tranche Implementation Report and Plans for each tranche request will consist of five parts:

- (a) A narrative report, with data provided by calendar year, regarding the progress since the year prior to the previous report, reflecting the situation of the Country in regard to phase-out of the Substances, how the different activities contribute to it, and how they relate to each other. The report should include ODS phase-out as a direct result from the implementation of activities, by substance, and the alternative technology used and the related phase-in of alternatives, to allow the Secretariat to provide to the Executive Committee information about the resulting change in climate relevant emissions. The report should further highlight successes, experiences, and challenges related to the different activities included in the Plan, reflecting any changes in the circumstances in the Country, and providing other relevant information. The report should also include information on and justification for any changes vis-à-vis the previously submitted Tranche Implementation Plan(s), such as delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes. The narrative report will cover all relevant years specified in sub-paragraph 5(a) of the Agreement and can in addition also include information on activities in the current year;
- (b) An independent verification report of the Plan results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;
- (c) A written description of the activities to be undertaken until and including the year of the planned submission of the next tranche request, highlighting the interdependence of the activities, and taking into account experiences made and progress achieved in the implementation of earlier tranches; the data in the plan will be provided by calendar year. The description should also include a reference to the overall plan and progress achieved,

as well as any possible changes to the overall plan that are foreseen. The description should cover the years specified in sub-paragraph 5(d) of the Agreement. The description should also specify and explain in detail such changes to the overall plan. This description of future activities can be submitted as a part of the same document as the narrative report under sub-paragraph (b) above;

- (d) A set of quantitative information for all Tranche Implementation Reports and Plans, submitted through an online database. This quantitative information, to be submitted by calendar year with each tranche request, will be amending the narratives and description for the report (see sub-paragraph 1(a) above) and the plan (see sub-paragraph 1(c) above), the Tranche Implementation Plan and any changes to the overall plan, and will cover the same time periods and activities; and
 - (e) An Executive Summary of about five paragraphs, summarizing the information of the above sub-paragraphs 1(a) to 1(d).
2. In the event that in a particular year more than one stage of the HPMP are being implemented in parallel, the following considerations should be taken in preparing the Tranche Implementation Reports and Plans:
- (a) The Tranche Implementation Reports and Plans referred to as part of this Agreement, will exclusively refer to activities and funds covered by this Agreement; and
 - (b) If the stages under implementation have different HCFC consumption targets in a particular year, the lower HCFC consumption target will be used as reference for compliance with the HPMP Agreements and for the independent verification.

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. Ministry of Environment, Government of Pakistan, and the national ozone cell is responsible for the overall project controlling, coordination, assessment and monitoring.
2. Project management unit (PMU) officer will coordinate daily work of the project implementation and also to assist the enterprises, as well as Government and non-Government offices and organizations, to streamline their activities for smooth implementation of the projects. The PMU will help the Government of Pakistan with monitoring the progress on implementation, and reporting to the Executive Committee.
3. An independent and certified auditor will audit and verify the consumption of ODS reported by the Government through Article 7 data and country programme progress reports.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities, including at least the following:
 - (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's HPMP;
 - (b) Assisting the Country in preparation of the Tranche Implementation Reports and Plans as per Appendix 4-A;

- (c) Providing independent verification to the Executive Committee that the Targets have been met and associated tranche activities have been completed as indicated in the Tranche Implementation Plan consistent with Appendix 4-A;
- (d) Ensuring that the experiences and progress is reflected in updates of the overall plan and in future Tranche Implementation Plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;
- (e) Fulfilling the reporting requirements for the Tranche Implementation Reports and Plans and the overall plan as specified in Appendix 4-A for submission to the Executive Committee. The reporting requirements include the reporting about activities undertaken by the Cooperating IA;
- (f) Ensuring that appropriate independent technical experts carry out the technical reviews;
- (g) Carrying out required supervision missions;
- (h) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Tranche Implementation Plan and accurate data reporting;
- (i) Co-ordinating the activities of the Cooperating IA, and ensuring appropriate sequence of activities;
- (j) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country and the Cooperating IA, the allocation of the reductions to the different budget items and to the funding of the Lead IA and each Cooperating IA;
- (k) Ensuring that disbursements made to the Country are based on the use of the indicators; and
- (l) Providing assistance with policy, management and technical support when required.

2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent entity to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 6-B: ROLE OF THE COOPERATING IMPLEMENTING AGENCIES

1. The Cooperating IA will be responsible for a range of activities. These activities are specified in the Plan, including at least the following:

- (a) Providing assistance for policy development when required;
- (b) Assisting the Country in the implementation and assessment of the activities funded by the Cooperating IA, and refer to the Lead IA to ensure a co-ordinated sequence in the activities; and
- (c) Providing reports to the Lead IA on these activities, for inclusion in the consolidated reports as per Appendix 4-A.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$144 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met. In the event that the penalty needs to be applied for a year in which there are two Agreements in force (two stages of the HPMP being implemented in parallel) with different penalty levels, the application of the penalty will be determined on a case-by-case basis taking into consideration the specific sectors related to the non-compliance. If it is not possible to determine a sector, or both stages are addressing the same sector, the penalty level to be applied would be the largest.

Annex XXIII

**WORKING TEXT ON AGENDA ITEM 11(A): DEVELOPMENT OF THE COST GUIDELINES
FOR THE PHASE-DOWN OF HFCS IN ARTICLE 5 COUNTRIES: DRAFT CRITERIA FOR
FUNDING INCLUDING CONSIDERATION OF OPERATIONALIZING PARAGRAPH 24 OF
DECISION XXVIII/2 (COST-EFFECTIVENESS THRESHOLDS)**

Table 1: Cost-effectiveness (CE) thresholds for CFC and HCFC phase-out

| Sector | National ODS phase-out plans (UNEP/OzL.Pro/ExCom/16/20 para. 32) | | | HPMPs (decisions 60/44, 62/13 and 74/50) | | | TEAP (ExMOP 3) | Agreed CE (US\$/kg) |
|--|---|------------------------------------|-------------------------------|---|---|-------------------------------|-------------------------|---|
| | Baseline substance | Main alternatives introduced | CE threshold (US \$/kg) | Baseline substance | Main alternatives introduced | CE threshold (US \$/kg) | | |
| Domestic refrigeration (refrigerant and PU foam panel components) | CFC-12 | HFC-134a R-600a | 13.76 | n.a. | n.a. | n.a. | 8-10 [13.76(Canada)] | 13.76 |
| | CFC-11 | HCFC-141b cyclopentane | | HCFC- 141b | Cyclopentane | 7.83*,** | | |
| R/AC domestic | | | | | | | 7-9 | |
| Commercial refrigeration (refrigerant and PU foam panel components) | CFC-12 | HFC-134a | 15.21 | HCFC-22 | HFC-32, R-290, HFC-134a, carbon dioxide (CO ₂), ammonia (NH ₃), cascade systems | 15.21* | 10-15 | [15.21][*] [49][18**][*] Plus special consideration for small enterprises [<20 mt?] |
| | CFC-11 | HCFC-141b cyclopentane water | | HCFC- 141b | Cyclopentane, water, MF, methylal, HFC-245fa, reduced HFO | | | |
| RAC Transport and industrial | | | | | | | 10-15 | |
| Rigid PU foam (including PU foam panel in commercial refrigeration) | CFC-11 | HCFC-141b cyclopentane water | 7.83 | HCFC- 141b | Cyclopentane, water, MF, methylal, HFC-245fa, reduced hydrofluoroolefins (HFOs) | 7.83*,** | 7-9 | 9** |
| Flexible PU foam | CFC-11 | HCFC-141b cyclopentane water | 6.23 | HCFC- 141b | Cyclopentane, water, MF, methylal, HFC-245fa, reduced HFOs | 6.23*,** | 7-9 | Case by case |
| Integral skin | CFC-11 | HCFC-141b cyclopentane water | 16.86 | HCFC- 141b | Cyclopentane, water, MF, methylal, HFC-245fa, reduced HFOs | 16.86*,** | 7-9 | Case by case |
| XPS foam | CFC-12 | HFC-134a | 8.22 | HCFC- 22/ HCFC- 142b | HC, CO ₂ | 8.22*,** | 7-9 | Case by case |
| Aerosol | CFC-12/ CFC-11 | HC | 4.40 | HCFC- 22/ | HC HFC-134a, | | 4-6 | Case-by-case |

| Sector | National ODS phase-out plans (UNEP/OzL.Pro/ExCom/16/20 para. 32) | | | HPMPs (decisions 60/44, 62/13 and 74/50) | | | TEAP (ExMOP 3) | Agreed CE (US\$/kg) |
|--|---|--|-------------------------------|---|--|-------------------------------|------------------------|--|
| | Baseline substance | Main alternatives introduced | CE threshold (US \$/kg) | Baseline substance | Main alternatives introduced | CE threshold (US \$/kg) | | |
| | | | | HCFC-141b | HFC-152a, perchlorethylene, HFO | | | |
| Fire extinguishing | Halon | ABC dry powder, CO ₂ | 1.48 | HCFC-123 | No projects approved yet | Case-by-case | 3-5 | Case by case |
| Solvent | CFC-113 | Heat cleaning, aqueous | 19.73 | HCFC-141b | Iso-paraffin | Case-by-case | | Case-by-case |
| Solvent | TCA | cleaning, trichlorethylene, HC, others | 38.50 | n.a | n.a | n.a | | Case-by-case |
| Metered dose inhaler (MDI) | CFC-12/ CFC-11 | HFC-134a | n.a | n.a | n.a | n.a | | Case-by-case |
| Mobile AC | CFC-12 | HFC-134a | n.a | n.a | n.a | n.a | 4-6 | case by case |
| Stationary AC (Domestic AC manufacturing) | n.a. | n.a | n.a | HCFC-22 | R-410A HFC-32 R-290 | Case-by-case | 11-15 Stationary AC | [11] |
| [Stationary AC (commercial)] | | | | | | | | [11] US [Case by case] [15.21 – 18**] (India) |
| Other refrigeration and AC manufacturing (heat pumps, transport, chillers, industrial) | CFC-11/ CFC-12 (chillers) | HFC-134a/ HFC-123 (chillers) | n.a | HCFC-22 | R-410A HFC-32 R-290 CO ₂ , NH ₃ , cascade systems | Case-by-case | | |

* Funding of up to a maximum of 25 per cent above the cost effectiveness threshold will be provided for projects when needed for the introduction of low-GWP [non-HFC] alternatives (decision 60/44(f)(iv)).

** For SMEs in the foam sector with consumption of less than 20 mt, the maximum would be up to 40 per cent above the cost-effectiveness threshold (decision 74/50(c)(iii)).

Annex XXIV

WORKING TEXT ON AGENDA ITEM 11(A): DEVELOPMENT OF THE COST GUIDELINES FOR THE PHASE-DOWN OF HFCS IN ARTICLE 5 COUNTRIES: DRAFT CRITERIA FOR FUNDING INCLUDING CONSIDERATION OF OPERATIONALIZING PARAGRAPH 24 OF DECISION XXVIII/2 (STARTING POINT FOR SUSTAINED AGGREGATE REDUCTIONS IN HFC CONSUMPTION AND PRODUCTION)

Methodology for determining the starting point for sustained aggregate reductions

1. In response to decision 81/67(e), the Secretariat prepared document UNEP/OzL.Pro/ExCom/82/66, “Key considerations for developing a methodology for establishing the starting point for sustained aggregate reductions for the consumption and production sectors under the Kigali Amendment.” Section IV of the document set out a number of key considerations that informed the discussions of the contact group on the cost guidelines in the margins of the 82nd, 83rd and 84th meetings. The issues discussed by the contact group included, *inter alia*:

- (a) The unit of measurement, where some members proposed to use metric tonnes (mt) to reflect the actual amount of HFCs consumed or produced, others proposed the use of CO₂-equivalent tonnes as best suited to measure the environmental impact of the phase-down activities, while others yet suggested using both units at first and making a definitive decision about which one to use once the pros and cons of each approach had been ascertained;—
 - preference for mt as that is how we understand costs and consistent with thresholds;
 - keep track separately of lower GWP alternatives that are phased in under projects funded by MLE;
 - preference for CO₂e as the obligations are in CO₂e;
 - keep track of both but note that costs are tied to mt;
 - don’t know what end-point is if in mt;
 - second and third conversion is an important issue;
 - preference for both initially;
 - need to be consistent units between starting point and funding/cost effectiveness;
 - provide incentive for final conversion;
 - reductions to count toward compliance; use simpler approach]
- (b) Possible options for determining the starting point, where it was proposed to use the HFC baseline including the HFC and HCFC components, the HFC component, or an intermediate value between the two. It was also proposed that Article 5 countries could choose as the starting point the HFC consumption from a number of previous years (e.g., the last year or the average of the last three years) or the year when the first HFC investment project had been approved by the Executive Committee;—

- add 5-10% of HFC consumption during the baseline years to account for growth;
- secretariat to present data of 2019-2021 CP data to compare CO2e and mt;
- choose best years before the pandemic;
- consider other years where data is available]

~~(a)~~(c) The inclusion in the starting point of HFCs contained in imported pre-blended polyols, and the exclusion of HFCs contained in exported pre-blended polyols, on the understanding that such consumption would be monitored and controlled by Article 5 countries;

~~(b)~~(d) The exclusion of the HFC phase-down tail (i.e., 20 per cent for Article 5 group 1 countries and 15 per cent for Article 5 group 2 countries) from the starting point as the phase-out of that consumption was not mandated by the Montreal Protocol. While there was no consensus, some members indicated that deducting the consumption associated with the tail would imply that the starting point would be based on the HFC baseline for compliance, which would include the totality of the HFC and HCFC components; and

~~(e)~~(e) Whether sustained reductions from the starting point should be accounted on a substance-by-substance basis. Different views were expressed, including that the starting point should be one unique number, and that reductions should be made by substance, but only for the most commonly used HFCs.
