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EXECUTIVE COMMITTEE OF
THE MULTILATERAL FUND FOR THE
IMPLEMENTATION OF THE MONTREAL PROTOCOL
Eighty-first Meeting
Montreal, 18-22 June 2018

ANNOTATED PROVISIONAL AGENDA

1. Opening of the meeting

Opening remarks by the Chairperson of the Executive Committee.

2. Organizational matters

(a) Adoption of the agenda

Document UNEP/OzL.Pro/ExCom/81/1 contains the provisional agenda for the 81st meeting.

Issues to be addressed: None

The Executive Committee may wish to adopt the agenda of the meeting on the basis of the provisional agenda contained in document UNEP/OzL.Pro/ExCom/81/1 and, if necessary, as amended verbally at the plenary.

(b) Organization of work

The Chairperson will propose to the plenary the organization of work.

3. Secretariat activities

Document UNEP/OzL.Pro/ExCom/81/2 presents a report on the activities of the Secretariat since the 80th meeting of the Executive Committee.

Issues to be addressed: None

The Executive Committee may wish to take note of the Secretariat activities contained in document UNEP/OzL.Pro/ExCom/81/2.

4. Financial matters

(a) Status of contributions and disbursements

Documents UNEP/OzL.Pro/ExCom/81/3 provides information on the status of the Fund as recorded at UNEP as at 25 May 2018. The fund balance stood at US \$98,089,250, after taking into account all of the funds approved by the Executive Committee, up to and including the 80th meeting. The document also provides additional information on the transfer of funds by the Treasurer on behalf of governments contributing to bilateral projects with regard to the fixed exchange rate mechanism (FERM). An update on the contributions will be provided at the 81st meeting.

Issues to be addressed:

- Applicability, or not, of the FERM to projects approved as bilateral contributions

The Executive Committee may wish:

(a) To note:

- (i) The report of the Treasurer on the status of contributions and disbursements and the information on promissory notes, the countries that opted to use the fixed-exchange rate mechanism (FERM) during the 2018-2020 triennium, and the implementation of the FERM, contained in document UNEP/OzL.Pro/ExCom/81/3;
- (ii) With appreciation the partial payment made by the Government of Greece and its commitment as expressed in the message sent to the Treasurer;
- (iii) With appreciation the payment made by the Government of Portugal of its outstanding contribution to the Multilateral Fund;

- (b) To urge all Parties eligible to use the FERM to advise the Treasurer of their intention to do so before the 82nd meeting;
- (c) To decide whether the FERM is applicable or not to projects approved as bilateral contributions to the Multilateral Fund;
- (d) To urge all Parties to pay their contributions to the Multilateral Fund in full and as early as possible; and
- (e) To request the Chief Officer and the Treasurer to continue following up with contributing Parties with outstanding contributions for one triennium or more and to report back to the 82nd meeting.

(b) Report on balances and availability of resources

- Document UNEP/OzL.Pro/ExCom/81/4 presents a summary of the funds being returned by the bilateral and implementing agencies. It includes data from all projects with balances that have been held for over 12-month following completion of the project, and addresses balances to be returned against “by-decision” projects. It indicates that US \$98,922,605 is available for approvals at the 81st meeting, after taking into account the Fund’s balance and the total amount returned by implementing agencies. An update on the balance and availability of resources will be provided at the 81st meeting

Issue to be addressed: None

- (a) To note:
- (i) The report on balances and availability of resources contained in document UNEP/OzL.Pro/ExCom/81/4;
 - (ii) That the net level of funds being returned to the 81st meeting by the implementing agencies was US \$91,055, consisting of US \$10,467, plus agency support costs of US \$802 from UNDP; US -\$52,867, plus agency support costs of US -\$1,418 from UNEP; and US \$124,964, plus agency support costs of US \$9,107 from UNIDO;
 - (iii) That UNEP held balances of US \$158,200 in not-committed balances, including agency support costs, for one project completed over two years previously;
 - (iv) That UNIDO held US \$36,983 in committed balances, including agency support costs, for one project completed two years previously;
 - (v) That the net level of funds and support costs being returned by the bilateral agencies to the 81st meeting was US \$740,597, which included the return of US \$1,462 from the Government of Canada; US \$282,500 from the Government of France; and US \$456,635 from the Government of Japan;
 - (vi) The Government of Canada's return of accrued interest of US \$1,703 for the project MEX/FUM/54/INV/138 which would be considered additional income to the Fund;
 - (vii) That the Government of France held US \$14,854 in committed balances, including agency support costs, for one "by-decision" project;
 - (viii) That the Government of Japan held balances of US \$715,416, consisting of US \$713,678 and US \$1,738 including agency support costs, in committed and not-committed balances, respectively, for one project completed over two years previously and two projects completed "by-decision of the Executive Committee" respectively;
 - (ix) That the Government of Spain held US \$28,416 in not-committed balances, including agency support costs, for one "by-decision" project;
- (b) To request:
- (i) The Government of Japan, UNEP, and UNIDO to return, no later than the 82nd meeting, the balances of all projects completed over two years previously;
 - (ii) Bilateral and implementing agencies to disburse or cancel commitments not needed for completed projects and projects completed "by-decision of the Executive Committee" and to return balances to the 82nd meeting;
 - (iii) The Governments of Japan and Spain, and UNEP to return to the 82nd meeting not-committed balance no longer required for future projects;
 - (iv) The Treasurer to follow-up with the Governments of Canada, France and Japan on the return, in cash, of US\$740,597 as per sub-paragraph (a)(v) above; and

- (v) The Treasurer to offset US \$5,275 against the Government of Canada's approvals at the 81st meeting in line with Annex IX of document UNEP/OzL.Pro/ExCom/68/53.

(c) Status of additional contributions to the Multilateral Fund and availability of resources (decision 80/74(c))

Document UNEP/OzL.Pro/ExCom/81/5 provides information on the status of additional contributions pledged by a group of donor countries intended to provide fast-start support for the implementation of HFC phase-down, pursuant to decision 80/74(c). As at 24 May 2018, the Treasurer had received US \$23,410,162 from sixteen countries, of which US \$12,588,623 has been disbursed at the 80th meeting. The balance available for programming at the 81st meeting is US \$10,821,539. An update on the contributions will be provided at the 81st meeting.

Issue to be addressed: None

The Executive Committee may wish:

- (a) To note the report of the Treasurer on the status of additional contributions to the Multilateral Fund and availability of resources contained in document UNEP/OzL.Pro/ExCom/81/5;
- (b) Further to note with appreciation that sixteen non-Article 5 countries that had made payments to provide fast-start support for the implementation of the HFC phase-down; and
- (c) To request the Treasurer to continue reporting the status of the additional contributions received for fast-start support separately from other pledged contributions to the Multilateral Fund to the 82nd meeting.

5. Country programme data and prospects for compliance

Document UNEP/OzL.Pro/ExCom/81/6 contains the status of, and prospects of, compliance of Article 5 countries (Part I); Article 5 countries subject to decision by the Parties on compliance (Part II); and data on the implementation of CPs for HCFCs (Part III). The document also contains annexes providing methyl bromide consumption for quarantine and pre-shipment (QPS) applications (Annex I) and an HCFC consumption analysis of Article 5 countries (Annex II)

Issue to be addressed:

Part I: Status of and prospects for compliance of A5 countries

- None

Part II: A5 countries subject to decisions by the Parties on compliance

- None

Part III: Data on the implementation of CPs for HCFCs

- 54 countries that have not submitted 2017 country programme implementation data as at 7 May 2018

- Countries that have not submitted country programme implementation data for years prior to 2017: Central African Republic (2012 and 2013); Guinea Bissau (2016); and Yemen (2014, 2015, and 2016)
- Data discrepancies between CP reports and Article 7 data (two countries)

The Executive Committee may wish:

- (a) To note:
 - (i) The document on country programme (CP) data and prospects for compliance contained in UNEP/OzL.Pro/ExCom/81/6;
 - (ii) That 90 countries had submitted 2017 CP data, 84 of them using the web-based system;
 - (iii) With concern that Yemen had not submitted 2016 CP data as of 7 May 2018;
- (b) To request:
 - (i) The Secretariat to send letters to the governments of countries with outstanding 2014, 2015 and 2016 CP data reports, urging them to submit the reports immediately; and
 - (ii) Relevant implementing agencies to continue assisting relevant governments in clarifying data discrepancies between 2015 CP data and Article 7 data for Morocco, and between 2016 CP data and Article 7 data for Syrian Arab Republic, and to report back to the 82nd meeting.

6. Evaluation

(a) Preliminary report of the second phase of the evaluation of the refrigeration servicing sector

Document UNEP/OzL.Pro/ExCom/81/7 presents preliminary conclusions of the evaluation based on the field visits to five countries conducted so far, the main findings with regard to each of the questions in the terms of reference, namely: implementation issues; policy, legal and regulatory frameworks; refrigerant containment (recovery, recycling and reclamation); technology-related issues; training; awareness-raising and dissemination of information; funding-related issues; and sustainability; and, lessons learned and recommendations

Issue to be addressed: None

The Executive Committee may wish:

- (a) To take note of the preliminary report for the second phase of the evaluation of the refrigeration servicing sector contained in document UNEP/OzL.Pro/ExCom/81/7; and
- (b) To request the Senior Monitoring and Evaluation Officer to submit the final report of the evaluation of the refrigeration servicing sector to the 82nd meeting, in line with decision 80/8.

(b) Terms of reference for the desk study for the evaluation of HCFC phase-out management plan preparation activities to assist with the implementation of the Kigali Amendment (decision 80/9(b))

Documents UNEP/OzL.Pro/ExCom/81/8 presents the draft terms of reference for the desk study for the evaluation of HPMP preparation activities to assist with the implementation of the Kigali Amendment.

Issue to be addressed: None

The Executive Committee may wish to approve the terms of reference for the desk study for the evaluation of HCFC phase-out management plan preparation activities to assist with the implementation of the Kigali Amendment (decision 80/9(b)), contained in document UNEP/OzL.Pro/ExCom/81/8.

(c) Desk study for the evaluation of gender mainstreaming in the Montreal Protocol projects and policies

Document UNEP/OzL.Pro/ExCom/81/9 presents the findings of the evaluation including: an overview of gender mainstreaming in the Montreal Protocol projects and policies; the challenges in applying a gender-sensitive approach to Multilateral Fund projects; the results and analysis of questionnaires sent to implementing agencies and national ozone units; conclusions; and a recommendation.

Issue to be addressed: None

The Executive Committee may wish:

- (a) To take note of the desk study on gender mainstreaming in the Montreal Protocol projects and policies contained in document UNEP/OzL.Pro/ExCom/81/9;
- (b) To invite bilateral and implementing agencies to apply, when appropriate, the findings and recommendations of the evaluation on gender mainstreaming in the Montreal Protocol projects and policies, in all Montreal Protocol-related activities; and
- (c) To request the Senior Monitoring and Evaluation Officer to provide a similar report after three years' time.

7. Programme implementation

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

Document UNEP/OzL.Pro/ExCom/81/10 addresses the projects and activities for which status reports or specific reports were requested in previous meetings and those requiring the Executive Committee attention, including: implementation delays and special status reports (Part I); progress reports related to HPMPs *inter alia* reports for Chile and China (solvent sector)¹ (Part II); low-global-warming potential (GWP) alternatives demonstration projects and feasibility studies (Part III); phase-out in consumption and production of CTC in India (Part IV); ODS waste disposal projects (Part V); and, ongoing chiller projects (Part VI).

¹ Paragraphs 1 to 9 of document UNEP/OzL.Pro/ExCom/81/28 (Chile), and paragraphs 44 to 50 of UNEP/OzL.Pro/ExCom/81/29 (China).

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

Issues to be addressed: None

The Executive Committee may wish:

- (a) To note:
 - (i) The status and implementation delays reports of the bilateral and implementing agencies submitted to the 81st meeting and contained in document UNEP/OzL.Pro/ExCom/81/10;
 - (ii) That bilateral and implementing agencies would report to the 82nd meeting on three projects with implementation delays and on seven projects recommended for additional status reports, as indicated in Annexes I and II, respectively, of document UNEP/OzL.Pro/ExCom/81/10; and
- (b) To approve the recommendations on ongoing projects with specific issues listed in the last column of Annex II of document UNEP/OzL.Pro/ExCom/81/10.

Part II: Reports related to HCFC phase-out management plans (HPMPs)

Stage I of the HPMP for Brazil (temporary use of high-GWP-HFC polyol systems) (UNDP and the Government of Germany)

Issues to be addressed: None

The Executive Committee may wish:

- (a) To note, with appreciation, the report provided by UNDP and the efforts made to facilitate the supply of technology with low global-warming potential (GWP) to the systems houses Shimtek and U-Tech in Brazil; and
- (b) To request UNDP to continue assisting the Government of Brazil in securing the supply of low-GWP alternative technology and to provide a report on the status of the conversion of the two systems houses, to each meeting, until the technology originally selected or another technology with a low-GWP has been fully introduced.

Temporary use of a high-GWP technology by enterprises that had been converted to a low-GWP technology in Cuba (UNDP)

Issues to be addressed: None

The Executive Committee may wish:

- (a) To note, with appreciation, the report provided by UNDP and the efforts made to facilitate the supply of technology with low global-warming potential (GWP) to the enterprises Friarc and IDA in Cuba; and
- (b) To request UNDP to continue assisting the Government of Cuba in securing the supply of low-GWP alternative technology and to provide, to the 82nd meeting, a report on the status of the conversion of the two enterprises in the foam sector, including, in the event of use of a technology other than that selected when the project was approved, a detailed analysis of the incremental capital and operating costs.

Indonesia: HCFC phase-out management plan – stage I: Update on enterprise conversion of technology (UNDP, UNIDO, World Bank, and the Government of Australia)

Issues to be addressed: None

The Executive Committee may wish:

- (a) To note the update on enterprise conversion of technology in stage I of the HCFC phase-out management plan (HPMP) for Indonesia, submitted by UNDP;
- (b) To note with appreciation the efforts by the Government of Indonesia and UNDP to facilitate the introduction of the low-global warming potential technology selected by the refrigeration and air-conditioning (RAC) manufacturing enterprises funded under stage I of the HPMP; and
- (c) To request UNDP to continue providing a report on the status of the conversion of the RAC technology enterprises to each meeting until they were manufacturing equipment based on the agreed alternative technology.

Stage I of the HPMP for the Islamic Republic of Iran (annual progress report) (UNDP)

Issues to be addressed: None

The Executive Committee may wish to take note of the 2017 progress report on the implementation of stage I of the HCFC phase out management plan for the Islamic Republic of Iran, submitted by UNDP.

Stage I of the HCFC phase-out management plan for Kenya (expenditure report on project management unit) (Government of France)

Issues to be addressed: None

The Executive Committee may wish:

- (a) To note with appreciation the report on the project management unit (PMU) activities and expenditure of stage I of the HCFC phase-out management plan for Kenya; and
- (b) To request the Government of France to submit a report on expenditure of PMU activities of the HPMP of Kenya (stage I) while submitting the request for the second tranche of stage II of the HPMP of Kenya.

Viet Nam: HCFC-phase out management plan (stage II) - Change in technology at Midea Consumer Electric (Viet Nam) Co. Ltd.) (World Bank and the Government of Japan)

Issues to be addressed:

- Change of technology from R-290 to HFC-32

The Executive Committee may wish:

- (a) To note the request submitted by the World Bank on behalf of the Government of Viet Nam for the change of technology in Midea Consumer Electric (Viet Nam) Co. Ltd., from R-290 to HFC-32 in the context of stage II of the HCFC phase-out management plan (HPMP);
- (b) To approve the change of technology for Midea Consumer Electric (Viet Nam) Co. Ltd., from R-290 to HFC-32, at the amount of US \$768,659, plus agency support costs of US \$53,806 for the World Bank, resulting in the return to the 81st meeting of US \$68,358, plus agency supports costs of US \$4,785 for the World Bank to the Multilateral Fund; and
- (c) To note that the Agreement between the Government of Viet Nam and the Executive Committee for the stage II of the HPMP would be amended to reflect the funding return indicated in sub-paragraph (b) when the second tranche of stage II of the HPMP was submitted.

Stage I of HPMPs for Chile and China (final/annual progress reports)

Stage I of the HPMP for Chile (annual progress report) (UNDP and UNEP)

Issues to be addressed: None

The Executive Committee may wish:

- (a) To take note of the 2017 progress report on the implementation of the HCFC phase-out management plan (stage I) for Chile, submitted by UNDP;
- (b) To request:
 - (i) The Government of Chile, UNDP and UNEP in line with decision 76/45(b) to submit the project completion report for stage I of the HPMP; and
 - (ii) UNEP to return the remaining balance of US \$22,742, plus agency support cost of US \$2,956, to the 82nd meeting.

Stage I of the HPMP for China (final progress report on the solvent sector) (UNDP)

Issues to be addressed: None

The Executive Committee may wish:

- (a) Note the final progress report on the implementation of the solvent sector plan of stage I of the HCFC phase-out management plan (HPMP) in China, submitted by UNDP; and
- (b) To further note that the project completion report has been completed and submitted to the 81st meeting; and the financial completion would take place by 31 December 2018, in line with decision 69/24.

Part III: Demonstration projects for low-global-warming potential (GWP) alternatives to HCFCs and feasibility studies for district cooling (decision 72/40)

Reports on feasibility studies on district cooling and low-GWP demonstration projects not submitted to the 81st meeting

Issues to be addressed:

- Final reports or detailed progress reports of demonstration projects due to the 81st meeting

The Executive Committee may wish:

- (a) To note the reports on the progress of implementation of the demonstration projects submitted by the implementing agencies as contained in Table 3 of document UNEP/OzL.Pro/ExCom/81/10;
- (b) To urge UNDP to submit the final report on technical assistance for a feasibility study for district cooling in the Dominican Republic no later than the 82nd meeting; and
- (c) To urge the implementing agencies to submit an update on the demonstration projects for China, Egypt, Saudi Arabia and Thailand to the 82nd meeting and the final reports in line with decision 80/26.

Colombia: Final report on the demonstrative project for HCFC-22 phase-out in the manufacturing of commercial air-conditioning equipment at Industrias Thermotar Ltda. (UNDP)

Issues to be addressed: None

The Executive Committee may wish:

- (a) To take note with appreciation of the final report of the project for the demonstration of R-290 (propane) as an alternative refrigerant in commercial air-conditioning (AC) manufacturing at Industrias Thermotar Ltda., in Colombia, submitted by UNDP; and
- (b) To invite bilateral and implementing agencies to take into account the final report of the demonstration project mentioned in sub-paragraph (a) above, when assisting Article 5 countries in preparing projects in AC sectors.

Colombia: Final report on the demonstration project to validate the use of hydrofluoro-olefins for discontinuous panels in Article 5 Parties through the development of cost-effective formulations (UNDP)

Issues to be addressed: None

The Executive Committee may wish:

- (a) To take note with appreciation of the final report of the project for the demonstration project to validate the use of hydrofluoro-olefins (HFOs) for discontinuous panels in Article 5 parties through the development of cost-effective formulations, implemented in Colombia, submitted by UNDP; and
- (b) To invite bilateral and implementing agencies to take into account the final report of the demonstration project mentioned in sub-paragraph (a) above, when assisting Article 5 countries in preparing projects with HFO-blown foam.

Costa Rica: Demonstration of the application of an ammonia/carbon dioxide refrigeration system in place of HCFC-22 for the medium-sized producer and retail store at Premezclas Industriales, S.A. (UNDP)

Issues to be addressed: None

The Executive Committee may wish:

- (a) To take note with appreciation of the final report of the project to demonstrate the application of an ammonia/carbon dioxide refrigeration system in place of HCFC-22 for the medium-sized producer and retail store at Premezclas Industriales, S.A., in Costa Rica, submitted by UNDP; and
- (b) To invite bilateral and implementing agencies to share the final report of the demonstration project mentioned in sub-paragraph (a) above, when assisting Article 5 countries in preparing projects for replacing HCFC-22 used in commercial refrigeration systems in medium-sized producer and retail store.

Maldives: Demonstration project for HCFC-free low-GWP alternatives in refrigeration in the fisheries sector (UNDP)

Issues to be addressed:

- Retrofitting HCFC-22-based refrigeration systems in fishing vessels

The Executive Committee may wish:

- (a) To take note with appreciation the final report of the demonstration project for HCFC-free low GWP alternatives in refrigeration in the fisheries sector in Maldives, submitted by UNDP;
- (b) To request the Government of Maldives and UNDP to include in the progress report on the implementation of stage I of the HCFC management plan, a detailed report on the activities undertaken when retrofitting the three HCFC-22-based refrigeration systems in fishing vessels with the alternative refrigerant selected, and on the status of the conversion of the HCFC-22 based refrigeration systems in fishing vessels in Maldives;
- (c) To request UNDP to continue exploring other low-GWP alternatives for the fisheries sector in the Maldives, in line with decision 80/26(p); and
- (d) To invite bilateral and implementing agencies to share the final report of the demonstration project mentioned in sub-paragraph (a) above, when assisting Article 5 countries in preparing projects for conversion of HCFC-22 based refrigeration systems in fishing vessels.

Morocco: Demonstration of the use of low cost pentane foaming technology for the conversion to non-ODS technologies in polyurethane foams at small and medium-sized enterprises (UNIDO)

Issues to be addressed: None

The Executive Committee may wish to take note of the progress report of the demonstration of the use of low cost pentane foaming technology for the conversion to non-ODS technologies in polyurethane foams at small and medium-sized enterprises, implemented in Morocco, submitted by UNIDO.

South Africa: Demonstration project on the technical and economic advantages of the vacuum assisted injection in discontinuous panels plant retrofitted from HCFC-141b to pentane (UNIDO)

Issues to be addressed: None

The Executive Committee may wish:

- (a) To take note of the final report of the demonstration project on the technical and economic advantages of the vacuum assisted injection in discontinuous panels plant retrofitted from HCFC-141b to pentane, implemented in South Africa, submitted by UNIDO; and
- (b) To invite bilateral and implementing agencies to take into account the final report of the demonstration project mentioned in sub-paragraph (a) above, when assisting Article 5 countries in preparing projects for cyclopentane-blown foam.

Egypt: Feasibility study for district cooling in New Cairo (UNDP, UNEP)

Issues to be addressed: None

The Executive Committee may wish to take note of the progress report of the feasibility study for district cooling in New Cairo, Egypt, submitted by UNEP and UNIDO.

Kuwait: Feasibility study comparing three not-in-kind technologies for use in central air-conditioning (UNEP and UNIDO)

Issues to be addressed: None

The Executive Committee may wish to take note of the progress report of the feasibility study Feasibility study comparing three not-in-kind technologies for use in central air conditioning in Kuwait, submitted by UNEP and UNIDO.

Promoting low-global-warming-potential (GWP) refrigerants for the air-conditioning sectors in high-ambient-temperature countries in West Asia (UNEP and UNIDO)

Issues to be addressed: None

The Executive Committee may wish to take note of the progress report progress in implementation of the project in West Asia promoting refrigerant alternatives for high-ambient-temperature countries (PRAHA-II).

Part IV: Phase-out in consumption and production of CTC in India

Issues to be addressed:

- Study on the country's use of CTC for feedstock applications, due for submission by the end of 2016 (decision 75/19(b)(iv)), but which was not submitted
- Project completion report, due for submission to the 81st meeting but not submitted

The Executive Committee may wish:

- (a) To request UNDP to submit to the Secretariat the study on the country's use of CTC for feedstock applications as soon as possible, and not later than the 82nd meeting; and

- (b) To request the World Bank, together with the Governments of France, Germany and Japan, and UNDP and UNIDO as cooperating implementing agencies, to submit the project completion report on the phase-out of CTC consumption and production to the 82nd meeting.

Part V: ODS waste disposal projects

China: Final report on the pilot demonstration project on ODS waste management and disposal (Government of Japan and UNIDO)

Colombia: Final report on the demonstration project on end of life ODS management and destruction (UNDP)

Nigeria: Draft final report on the pilot demonstration project for disposal of unwanted ODS (UNIDO)

Turkey: Final report on the demonstration project for disposal of unwanted ODS (UNIDO)

Issues to be addressed:

- Final report of the ODS disposal pilot project for Lebanon due to the 81st meeting, but not submitted
- Return of unspent balances for the ODS disposal project for Lebanon

The Executive Committee may wish:

- (a) To note, with appreciation, the final reports on the pilot ODS waste management and disposal projects for China, submitted by UNIDO and the Government of Japan; for Colombia, submitted by UNDP; and for Nigeria and Turkey, submitted by UNIDO;
- (b) To invite bilateral and implementing agencies to take into account, when appropriate, the lessons learned from the pilot ODS disposal demonstration projects mentioned in sub-paragraph (a) above, in the design and implementation of similar projects in future;
- (c) To note that the final report of the outstanding ODS disposal pilot project for Lebanon was not submitted to the 81st meeting, and to request UNIDO to return unspent balances for this project to the 82nd meeting in line with decision 79/18(d); and
- (d) To further note that in line with decision 79/18(e), a synthesis report on the pilot ODS disposal projects, collating lessons learned, and including issues related to project design, synergy with other projects, opportunities for resource mobilization, and the cost-effectiveness of the projects will be submitted to the 82nd meeting and, balances of all ODS waste disposal projects will be returned to the 82nd meeting.

Part VI: Ongoing chiller projects

Issues to be addressed: None

The Executive Committee may wish to take note of the progress report on the ongoing chiller projects implemented by the Governments of France and Japan, UNDP and the World Bank.

(b) 2018 consolidated project completion report

Document [UNEP/OzL.Pro/ExCom/81/11](#) presents an overview of the key lessons learnt in both the multi-year agreements (MYA) projects completion reports (PCRs) and the individual PCRs received, and a summary of the lessons learned.

Issue to be addressed:

- PCRs that are due for submission but not submitted to the 81st meeting
- Coordination between lead and cooperating agencies to allow submission of the completed PCRs according to the schedule

The Executive Committee may wish:

- (a) To note the 2018 consolidated project completion report (PCR) contained in document [UNEP/OzL.Pro/ExCom/81/11](#);
- (b) To urge bilateral and implementing agencies to submit to the 82nd meeting PCRs for multi-year agreements (MYAs) and individual projects that were due, and if they were not going to submit, to provide the reasons for not doing so and the schedule for submission;
- (c) To urge lead and cooperating agencies to closely coordinate their work in finalizing their portion of PCRs to allow the lead implementing agency to submit the completed PCRs according to the schedule;
- (d) To urge bilateral and implementing agencies to enter clear, well written and thorough lessons when submitting their PCRs; and
- (e) To invite all those involved in the preparation and implementation of MYAs and individual projects to take into consideration the lessons learned from PCRs, if relevant, when preparing and implementing future projects.

8. Business planning

(a) Update on the status of implementation of the 2018-2020 consolidated business plan of the Multilateral Fund and financial planning for the triennium 2018-2020

Document [UNEP/OzL.Pro/ExCom/81/12](#) presents an update on the status of the implementation of the 2018-2020 business plans (Part I); financial planning for the triennium 2018-2020 (Part II); and, Canada's and Germany's 2018-2020 bilateral business plans (Part III).

Issue to be addressed:

- US \$21,912,004 in HFC phase-down activities were submitted to the 81st meeting including US \$11,290,807 that had not been included in the 2018-2020 business plans
- Commitments and resources available during the 2018-2020 triennium
- Possible factors impacting financial planning and cash flow during the 2018-2020 triennium
- A resource allocation according to the requirements of the 2018-2020 business plan with an update of cash flow for the 2020 budget at the last meeting of 2019

The Executive Committee may wish:

- (a) To note:
- (i) The update on the implementation of the consolidated 2018-2020 business plan of the Multilateral Fund and financial planning for the triennium 2018-2020 as contained in document UNEP/OzL.Pro/ExCom/81/12;
 - (ii) That US \$21,912,004 in HFC phase-down activities were submitted to the 81st meeting including US \$11,290,807 that had not been included in the 2018-2020 business plans;
 - (iii) The bilateral agencies' business plans for 2018-2020 submitted by Canada and Germany;
 - (iv) That Canada's and Germany's 2018-2020 business plans do not exceed 20 per cent of bilateral contributions for the triennium;
- (b) To adopt a resource allocation of US \$230 million in 2018, US \$139 million in 2019, and US \$171 million in 2020 with any unallocated funds to be allocated subsequently during the 2018-2020 triennium;
- (c) To urge implementing agencies to submit all projects and activities endorsed in the business plan in order to fully utilize the resources available during the for 2018-2020 triennium; and
- (d) To consider the availability of cash flow for the 2020 budget at the last meeting of 2019 in light of the collection of interest, unexpected return of unused balances from projects/agreements, the payment of pledges from triennia prior to the last replenishment, any losses due to non-payment of pledges expected from the last replenishment, and any losses or gains due to the fixed-exchange-rate mechanism.
- (b) Tranche submission delays**

Document UNEP/OzL.Pro/ExCom/81/13 presents actions taken in response to decisions on tranche submission delays adopted at the 80th meeting; and an analysis of each of the tranches that were not submitted to the 81st meeting, or that were submitted but subsequently withdrawn.

Issue to be addressed:

- Forty-three activities with tranches of HPMPs for 32 countries due for submission to the 81st meeting were not submitted
- Reasons for delays included: Government decisions and/or endorsements and/or changes in the NOU and/or structural change (12); lack of mandatory verification report (8); sufficient funds from previous tranches still available (17); disbursement below the 20 per cent threshold of approved funds for the previous tranche (16); delays in implementation of investment components (1); security issues (2); signing of agreements (10); lead or cooperating agency not ready for submission (3); internal or external difficulties (8); enterprise difficulties (3); or no submission of progress and/or financial reports (1).

The Executive Committee may wish:

- (a) To note:
- (i) The report on tranche submission delays contained in document UNEP/OzL.Pro/ExCom/81/13;
 - (ii) The information on tranche submission delays under HCFC phase-out management plans (HPMPs) submitted by the Government of France, and UNDP, UNEP, UNIDO and the World Bank;
 - (iii) That 44 out of 87 activities related to tranches of HPMPs due for submission to the 81st meeting had been submitted on time;
 - (iv) That relevant bilateral and implementing agencies had indicated that the late submission of the tranches of HPMPs due for submission at the first meeting of 2018 would have no impact, or were unlikely to have an impact on compliance with the Montreal Protocol, and that there had been no indication that any of the countries concerned were in non-compliance with the Montreal Protocol control measures; and
- (b) To request the Secretariat to send letters to relevant governments regarding the recommendations on tranche submission delays contained in Annex I of document UNEP/OzL.Pro/ExCom/81/13.

9. Project proposals

(a) Overview of issues identified during project review

Document UNEP/OzL.Pro/ExCom/81/14 contains five sections: An analysis of the number of projects and activities submitted to the 81st meeting; issues identified during the project review process; HFC-related projects submitted to the 81st meeting including enabling activities and stand-alone HFC investment projects; projects and activities submitted for blanket approval; and investment projects for individual consideration. It also informs the Committee on the review of institutional strengthening (IS) renewal requests, and the projects and activities submitted to the 81st meeting but subsequently withdrawn. The document also contains a summary of prices of the controlled substances and alternatives to be phased in.

Issue to be addressed:

- Funding withheld pending submission of verification reports or meeting specific conditions
- Outstanding PCRs for stage I of an HPMP with stage II ongoing
- Deadline for the submission of projects to the Secretariat
- HFC-related projects
 - Source of funding for enabling activities
 - Source of funding for stand-alone investment projects

Funding withheld pending submission of verification reports or meeting specific conditions

The Executive Committee may wish to request UNEP and UNIDO to continue assisting the Government of Saudi Arabia to fully meet the conditions specified in Appendix 8-A of its Agreement with the Executive Committee, so that the country could make a request for

US \$966,254 from the fourth tranche of stage I of the HPMP, which had been returned to the Multilateral Fund in accordance to decision 77/54(f).

Outstanding project completion reports (PCRs) for stage I of an HPMP with stage II ongoing

The Executive Committee may wish to consider, when approving second or subsequent tranches of stage II of the HPMP for a country with an outstanding PCR for stage I, that disbursement from the Treasurer to the relevant bilateral and implementing agencies would only take place after the outstanding PCR had been submitted and reviewed by the Secretariat.

Deadline for the submission of projects

The Executive Committee may wish to consider extending the relevant submissions deadlines for projects as follows:

- (a) That new stages of multi-year agreements should be submitted to the Secretariat in full, at least 16 weeks in advance of the Executive Committee meeting at which they were to be considered;
- (b) That stand-alone HFC investment projects should be submitted in full at least 14 weeks in advance of the Executive Committee meeting at which they were to be considered, irrespective of their level of funding requested from the Multilateral Fund;
- (c) That projects with a requested level of funding of more than US \$5 million, including agency support costs and irrespective of the level of funding requested of the Multilateral Fund, should be submitted in full, at least 14 weeks in advance of the Executive Committee meeting at which they were to be considered;
- (d) That projects with a requested level of funding of less than US \$5 million, including agency support costs; should be submitted in full, at least 12 weeks in advance of the Executive Committee meeting at which they were to be considered;
- (e) That projects with specific reporting requirements should be submitted in full, at least 14 weeks in advance of the Executive Committee meeting at which they were to be considered; and
- (f) To encourage bilateral and implementing agencies to submit projects in advance of the applicable deadline indicated in sub-paragraphs (a) to (d) above.

HFC-related projects submitted to the 81st meeting

Funding requests for enabling activities

The Executive Committee may wish to consider the funding source for the enabling activities for HFC phase-down, either from the regular contributions or from the additional voluntary contributions provided by a group of non-Article 5 Parties, except for those to be implemented by the Government of Canada as bilateral agency which will be deducted from its regular bilateral contribution to the Multilateral Fund as indicated by the Government.

Funding requests for stand-alone HFC investment projects

The Executive Committee may wish to consider each of the funding requests for HFC-related investment projects under agenda item (9)(e) "Investment projects" and also to consider, during its

deliberation, the funding source for each project either from the regular contributions or from the additional voluntary contributions provided by a group of non-Article 5 Parties.

Blanket approval

Verification reports of LVC countries' compliance with their HPMP agreement

The Executive Committee may wish to request relevant bilateral and implementing agencies to include in their respective amendments to the work programmes for submission to the 82nd meeting, funding for verification reports for stage I of the HPMPs in the amount of US \$30,000, plus agency support costs, for the following 16 Article 5 countries: Albania, the Bahamas, the Central African Republic, Cuba, Fiji, the Gambia, the Lao People's Democratic Republic, Malawi, Mongolia, the Niger, Saint Lucia, Sao Tome and Principe, Serbia, Sri Lanka, Turkmenistan, and Uganda.

Project and activities submitted for blanket approval

The Executive Committee may wish:

- (a) To approve the projects and activities submitted for blanket approval at the levels of funding indicated in Annex [] to the final 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) To decide 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 [] to the final report.

(b) Bilateral cooperation

Document UNEP/OzL.Pro/ExCom/81/15 provides an overview of the requests from four bilateral agencies HCFC-related projects for six countries, and their eligibility for approval in light of the maximum level of bilateral cooperation available for the 2018-2020 triennium. It cross-references relevant meeting documents that include a discussion on the bilateral requests, and contains the recommendation on the year of assignment for bilateral co-operation. The document also includes requests for one bilateral agency for funding of HFC-related projects including enabling activities in four Article 5 countries, and HFC investment projects in each of two Article 5 countries.

Issue to be addressed: None

The Executive Committee may wish to request the Treasurer to offset the costs of the bilateral projects approved at the 81st meeting as follows:

- (a) US \$XX (including agency fees) against the balance of Canada's bilateral contribution for 2018;
- (b) US \$XX (including agency fees) against the balance of Germany's bilateral contribution for 2018;
- (c) US \$XX (including agency fees) against the balance of Italy's bilateral contribution for 2018;
- (d) US \$XX (including agency fees) against the balance of Japan's bilateral contribution for 2018; and

(e) US \$XX (including agency fees) against the balance of Spain's bilateral contribution for 2018.

(c) Work programmes

(i) UNDP's work programme for 2018

Document UNEP/OzL.Pro/ExCom/81/16 contains nine activities submitted by UNDP including one request for an IS renewal project, three requests for project preparation for stage II of the HPMP, and five requests for technical assistance for enabling activities, for consideration under agenda item 9(a) as projects recommended for blanket approval.

Issue to be addressed: None

(ii) UNEP's work programme for 2018

Document UNEP/OzL.Pro/ExCom/81/17 contains 79 activities submitted by UNEP including 22 requests for IS renewal projects, eight requests for project preparation for stage II of the HPMP, including the request for preparation of the stage II of the regional HPMP for the twelve Pacific Island Countries, and 49 requests for technical assistance for enabling activities, for consideration under agenda item 9(a) as projects recommended for blanket approval. The document also contains a report on the strategy and action plan for Dominica to assist the country in returning to its pre-hurricane implementation levels pursuant to decision 80/82.

Issue to be addressed:

- Consideration of the strategy and action plan for Dominica pursuant to decision 80/82

Special IS funding for Dominica approved at the 80th meeting (decision 80/82)

The Executive Committee may wish to:

- (a) To note, with appreciation, the efforts of the Government of Dominica, with the assistance from UNEP, to implement the institutional strengthening project, stage I of the HCFC phase-out management plan, and enabling activities for HFC phase-down following the devastation caused by the hurricane in September 2017; and
- (b) To take note of the report on the strategy and action plan to assist Dominica in returning to its pre-hurricane implementation levels submitted by UNEP.

(iii) UNIDO's work programme for 2018

Document UNEP/OzL.Pro/ExCom/81/18 contains 17 activities including two requests for IS renewal projects; six project preparation activities for stage II of the HPMP, and eight requests for technical assistance for enabling activities, for consideration under agenda item 9(a) as projects for blanket approval; and, one proposal for the preparation of HFC-related project for the conversion from HFC-134a to HFOs and CO₂ with gluing technology in the extruded polystyrene foam sector in China, for individual consideration under agenda item 9(a), HFC-related projects submitted to the 81st meeting.

Issue to be addressed:

- Consideration of HFC-related projects in light of guidance provided under agenda item 9(a)

Project preparation for the conversion from HFC-134a to HFOs and CO₂ with gluing technology in an extruded polystyrene (XPS) foam manufacturer in China (UNIDO)

The Executive Committee may wish to consider the request for project preparation for conversion from HFC-134a to HFOs and CO₂ with gluing technology in extruded polystyrene (XPS) manufacturing in China, listed in section B1 of Table 1 of document UNEP/OzL.Pro./ExCom/81/18, in the context of its discussion of the proposals for HFC-related projects described in the document on Overview of issues identified during project review (UNEP/OzL.Pro/ExCom/81/14).

(iv) World Bank's work programme for 2018

Document UNEP/OzL.Pro/ExCom/81/19 contains one request for technical assistance for enabling activities for consideration under agenda item 9(a) as a project recommended for blanket approval.

Issue to be addressed: None

(d) Final report on the review of the overall structure of the Compliance Assistance Programme (decision 80/55(b)(i))

Document UNEP/OzL.Pro/ExCom/81/20 contains the final report of the review including the key findings and recommendations, which are related to the future workload and capacity of the CAP to deliver, adjustments to CAP structure, and options for delivery mechanisms for CAP services.

Issue to be addressed:

- Review of the overall structure of the CAP and its operations, and regional structure in addressing emerging needs, and new challenges in Article 5 countries

The Executive Committee may wish:

- (a) To note the final report on the review of the overall structure of the Compliance Assistance Programme (CAP) contained in document UNEP/OzL.Pro/ExCom/81/20; and
- (b) To request UNEP when submitting the CAP budget and work plan for 2019 at the 82nd meeting to describe and operationalise the changes proposed in the overall CAP structure for consideration of the Executive Committee, noting relevant previous decisions on the CAP and its funding.

(e) Investment projects

Document UNEP/OzL.Pro/ExCom/81/14 contains the list of projects for individual consideration (see table below) considered under agenda item 9(e).

Issue to be addressed: Each project should be considered for approval individually. The project description, and the comments and recommendations of the Secretariat can be found in the relevant country project document referred to in the table below.

Country	Project	Agency	ExCom	Issue
Stage II of HPMPs				
Bangladesh	HCFC phase-out management plan (stage II, first tranche)	UNDP/UNEP	81/23	All technical and cost issues resolved; stage II of HPMP
Nigeria	HCFC phase-out management plan (stage II, first tranche)	UNDP/UNIDO/Italy	81/47	All technical and cost issues resolved; stage II of HPMP
Tranche request of stage I, stage II HPMP				
Bolivia (Plurinational State of)	HCFC phase-out management plan (stage I, fourth tranche)	UNIDO	81/25	Continued data reporting challenges
Burundi	HCFC phase-out management plan (stage I, third tranche)	UNIDO/UNEP	81/26	Starting point reduced; Government to request the Ozone Secretariat to revise baseline
China	HCFC phase-out management plan - Room air conditioning sector plan (stage II, second tranche)	UNIDO	81/29	All technical and cost issues resolved; stage II of HPMP
China	HCFC phase-out management plan – Refrigeration servicing sector (stage II, second tranche)	UNEP/Japan	81/29	All technical and cost issues resolved; stage II of HPMP
Ecuador	HCFC phase-out management plan – Foam investment project (stage I)	UNIDO	81/32	Need to postpone spray foam due to technology
Ghana	HCFC phase-out management plan (stage I, fifth tranche)	UNDP/Italy	81/35	Consumption and starting point, retrofitting to HFC in end-user incentive program
Indonesia	HCFC phase-out management plan (stage II, second tranche)	World Bank/UNDP	81/38	Return of funds and possible switch of beneficiary enterprise
Lebanon	HCFC phase-out management plan (stage II, second tranche)	UNDP	81/42	Interim use of a high-GWP technology
Individual investment projects to reduce HFCs pursuant to decisions 78/3(g) and 79/45				
Argentina	Replacement of HFC-134a with HC-600a refrigerant in the manufacturing of domestic refrigerators	UNIDO	81/22	Agreement on cost reached
China	Conversion from C5+HFC-245fa to C5+HFOs in a domestic refrigerator manufacturer (Hisense Kelon)	UNDP	81/29	No agreement on cost
Colombia	Conversion from HFC-134a to isobutane in the manufacture of domestic refrigerators at Mabe	UNDP	81/30	Agreement on cost reached. Enterprise started conversion
Dominican Republic	Conversion from HFC-134a to R-290 in the manufacture of stand alone, self-contained commercial refrigerators at Farco	UNDP/ Canada	81/31	Agreement on cost reached
Ecuador	Elimination of HFC-134a and HFC-404A in the manufacturing of domestic and commercial refrigerators in Ecasa	UNIDO	81/32	Agreement on cost reached
Ecuador	Elimination of HFC-134a in the manufacturing of commercial refrigerators in Induglob	UNIDO	81/32	Agreement on cost reached
Egypt	Conversion from HFC-134a to HFOs in a polyurethane foam panel manufacturer (Army Factory)	UNDP	81/33	Replicability uncertain No agreement on cost

Country	Project	Agency	ExCom	Issue
Islamic Republic of Iran	Conversion from HFC-134a to HFO1234yf in mobile air-conditioning of the automotive sector	UNIDO	81/39	Agreement on cost reached
Jordan	Conversion of large commercial unitary roof top air-conditioning units of up to 400kW manufacturing facility from HFC (R134a, R407c, R410a) to propane R290 as refrigerant at Petra Engineering Industries Co.	UNIDO	81/40	Agreement on cost reached Possible delay in disbursement of IOCs
Lebanon	Conversion from HFC-134a and HFC-404A to R-600a and R-290 in domestic refrigeration at Lematic Industries	UNIDO	81/42	Agreement on cost reached
Mexico	Conversion from HFC-134a to isobutane as refrigerant in the manufacture of domestic refrigerators and of reciprocating compressors from HFC-134a-based to isobutane-based at Mabe Mexico	UNDP/Canada	81/45	Agreement on cost reached
Mexico	Replacement of HFC-134a and HFC-404A with HC-290 and HC-600a refrigerant in the manufacturing of commercial refrigerators at Imbera	UNIDO	81/45	Agreement on cost reached
Zimbabwe	Conversion from HFC-134a to isobutane in the manufacture of domestic refrigerators at Capri (SME Harare)	UNDP	81/52	Agreement on cost reached

10. 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 (decisions 78/3(i), 79/44(b) and 80/76(b))

Document UNEP/OzL.Pro/ExCom/81/53 is prepared pursuant to decision 80/76(b) and contains a succinct summary of the outcome of discussions at 77th, 78th, 79th and 80th meetings with regard to the criteria for funding HFC phase-down in Article 5 countries. It also presents an update on the discussions related to energy efficiency at the Twenty-Ninth Meeting of the Parties and observations on the Draft Report of the Executive Committee to the Thirtieth Meeting the Parties (UNEP/OzL.Pro/ExCom/81/56). Annex I contains the draft template of the cost guidelines, including the agreed elements of decision XXVIII/2; Annex II presents the outstanding issues for further discussion; and Annex III contains the summary of the deliberations by the Parties at their Twenty-Ninth Meeting on energy efficiency.

Issue to be addressed:

- Consideration of the draft costs guidelines for the phase-down of HFCs in Article 5 countries

The Executive Committee may wish:

- (a) To note the document on Development of the cost guidelines for the phase-down of HFCs in Article 5 countries: draft criteria for funding, contained in document UNEP/OzL.Pro/ExCom/81/53;

- (b) [To request the Secretariat to provide to the 82nd meeting a summary of the Parties' deliberations at the 40th meeting of the Open-Ended Working Group (OEWG) and the Thirtieth Meeting of the Parties in relation to the Technology and Economic Assessment Panel (TEAP) report on issues related to energy efficiency in response to decision XXIX/10;]
- (c) To move the following text to the draft template of the cost guidelines as contained in Annex I of the present document:

In relation to sustained aggregate reductions in HFC consumption and production

- (i) To use the following methodology [to be proposed by the Executive Committee] for determining the starting point for sustained aggregate reduction in HFC consumption and production, noting that the starting should be expressed in [CO₂ equivalent and/or metric tonnes]
- (ii) [add text for production]

In relation to eligible incremental costs

Refrigeration servicing sector

- (iii) [Consideration of paragraph 16 of decision XXVIII/2.]

In relation to energy efficiency

- (iv) [To continue discussing how it wishes to develop cost guidance associated with maintaining and/or enhancing the energy efficiency of low-GWP or zero-GWP replacement technologies and equipment, when phasing down HFCs, after reviewing additional relevant information, including the information provided by the TEAP in its assessment of energy efficiency at the 40th OEWG meeting;]

In relation to capacity building to address safety

- (v) [To note that capacity-building to address safety is being addressed in the context of the consumption manufacturing and the refrigeration servicing sectors;]

In relation to disposal

- (vi) [To consider whether to further discuss matters related to disposal at a future meeting;]

- (d) In relation to additional activities to be completed in order to facilitate further discussion of the cost guidelines for HFC phase-down, in accordance with decision 80/76(b):

In relation to the consumption manufacturing sector

- (i) [To consider at a future meeting to request the Secretariat to undertake additional work, including to determine cost-effectiveness thresholds and thresholds for IOCs for HFC-phase-down activities in the consumption manufacturing sector once progress in the implementation of HFC investment projects has been made;]

In relation to energy efficiency

- (ii) [To request the Secretariat to contract an independent consultant to:
- a. To prepare, for the [83rd meeting], a document on issues associated with maintaining and/or enhancing the energy efficiency of low-GWP or zero-GWP replacement technologies and equipment when phasing down HFCs, including:
 - i. Incremental costs for maintaining and/or enhancing energy efficiency in the manufacturing and servicing of refrigeration and air-conditioning equipment, including in situ manufacturing;
 - ii. Pay-back periods and economic benefits associated with energy-efficiency improvements in the refrigeration and air-conditioning sector;
 - iii. Possible modalities for funding, including operational modalities for co-funding with other institutions at the national and global level, in order to maintain and/or enhance energy efficiency and address associated challenges in the refrigeration and air-conditioning sector;
 - iv. Requirements for establishing minimum energy-efficiency standards, including the testing and verification of energy efficiency in equipment;
 - v. The institutional and regulatory framework needed in Article 5 countries to support and monitor improvements in energy efficiency, including in the refrigeration and air-conditioning servicing sector;
 - vi. Consider, when preparing the document, appropriate standards and directives, such as the four European Union directives for reducing greenhouse gas emissions in Europe on Energy Efficiency, Ecodesign, Energy Performance of Buildings and Industrial Emissions, to determine the best available technologies; and
 - b. To allocate US \$XX for the preparation of the study; and
 - c. To consider the Conference Room Paper submitted by the Government of Austria to the 80th meeting (Appendix to Annex II of the present document)];
- (e) In relation to other general matters related to HFC phase-down:
- (i) [To agree on the following prerequisites for an Article 5 country to access Multilateral Fund funding other than for enabling activities for the phase-down of HFC consumption and production:
 - a. Ratification, acceptance, or accession to the Kigali Amendment;
 - b. Establishment of an agreed starting point for a sustained aggregate

reduction in HFC consumption and production, on the understanding that any phase-down of HFCs resulting from any project that might be approved by the Executive Committee would be deducted from the country's starting point;

- (ii) [To agree that institutions and capacities in Article 5 countries developed with Multilateral Fund assistance for the phase-out of ODS should be used to the extent possible for the phase-down of HFCs;]
- (iii) [To agree that the existing policies and guidelines of the Multilateral Fund [where applicable] for funding the phase-out of ODS would be applicable to the funding of HFC phase-down [unless decided otherwise] [as long as agreed upon] by the Executive Committee [taking into account in particular decision XXVIII/2].]

(b) Key aspects related to HFC-23 by-product control technologies (decisions 78/5(e), 79/47(e) and 80/77(b))

Document UNEP/OzL.Pro/ExCom/81/54 presents the report on key aspects related to HFC-23 by product control technologies (decisions 78/5(e), 79/17(b), 79/47(e) and 80/77(b)) including the consultant's evaluation of cost-effective and environmentally sustainable options of HFC-23 destruction from HCFC-22 production facilities; the Secretariat's comments on the evaluation; the Secretariat's assessment of whether there were HFC- or other HCFC-producing facilities in any Party that generated HFC-23 emissions; and the summary report of the investigation on reducing HFC-23 by-product ratio using best practices submitted by the World Bank. Annex I contains the the consultant's report. Annex II contains the summary report of the investigation on reducing HFC-23 by-product ratio using best practices submitted by the World Bank in accordance with decision 79/17(b).

Issue to be addressed: None

The Executive Committee may wish to note the report on key aspects related to HFC-23 by product control technologies (decisions 78/5(e), 79/17(b), 79/47(e) and 80/77(b)), contained in document UNEP/OzL.Pro/ExCom/81/54.

11. Implications for Multilateral Fund institutions in terms of expected workload in the coming years, including in relation to the Kigali Amendment for the phase-down of HFCs (decision 80/34(f))

Document UNEP/OzL.Pro/ExCom/81/55 analyzes the implications for Multilateral Fund institutions in terms of expected workload in the years ahead, including in relation to the Kigali Amendment for the phase-down of HFCs. It presents an overview on the scope and trends of the current workload of Fund institutions in supporting the implementation of HPMPs and HFC phase-down activities, and also the perspectives of Fund institutions.

Issue to be addressed: None

The Executive Committee may wish:

- (a) To note the overall analysis on the implications for Multilateral Fund institutions in terms of expected workload in the years ahead, including in relation to the Kigali Amendment for the phase-down of HFCs (decision 80/34(f)) contained in document UNEP/OzL.Pro/ExCom/81/55;

- (b) To request the Secretariat to continue monitoring the implications for the Multilateral Fund institutions in terms of expected workload in the years ahead, including in relation to the Kigali Amendment for the phase-down of HFCs and report back to the Executive Committee, as relevant.

12. Draft report of the Executive Committee of the Multilateral Fund for the Implementation of the Montreal Protocol to the Thirtieth Meeting of the Parties

Document UNEP/OzL.Pro/ExCom/81/56 contains a draft of the report of the Executive Committee to the Thirtieth Meeting of the Parties which summarize the most important decisions taken by the Committee at its 80th meeting.

Issue to be addressed:

- Since the reporting period also includes the 81st meeting, the report will need to be updated after the Report of the 81st meeting of the Executive Committee is finalized

The Executive Committee may wish to authorize the Secretariat to finalize the report of the Executive Committee to the Thirtieth Meeting of the Parties to the Montreal Protocol in light of the discussions held and decisions taken at the 81st meeting, and to submit to the Ozone Secretariat following clearance by the Chair.

13. Report of the Sub-group on the Production Sector

Document UNEP/OzL.Pro/ExCom/81/57 will be issued during the 81th meeting and will provide a report of the meeting of the Sub-group on the Production Sector that will take place in the margins of the meeting.

14. Other matters

Substantive issues agreed for inclusion in agenda item 2(a) will be taken up under this agenda item.

15. Adoption of the report

The Executive Committee will have in front of it the draft report of the 81st meeting for its consideration and adoption.

16. Closure of the meeting

The meeting is expected to be closed on Friday, 22 June 2018.