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EXECUTIVE COMMITTEE OF
THE MULTILATERAL FUND FOR THE
IMPLEMENTATION OF THE MONTREAL PROTOCOL
Ninety-seventh Meeting
Montreal, 1-5 December 2025
Item 7(a)(i) of the provisional agenda¹

CONSOLIDATED PROGRESS REPORT AS AT 31 DECEMBER 2024**Introduction**

1. The consolidated progress report summarizes progress and financial information provided by bilateral and implementing agencies² as of 31 December 2024, in their respective progress reports³ submitted to the Secretariat.

2. The consolidated progress report and the progress reports of the bilateral and implementing agencies include all controlled substances under the Montreal Protocol. It presents information on HFC-related projects and activities that have been funded under the regular contributions to the Multilateral Fund and those funded under the additional voluntary contributions by 17 non-Article 5 Parties to provide fast-start support for implementation of the Kigali Amendment.⁴ As all projects approved under the additional voluntary contributions have been completed and the remaining balances will be returned to the Secretariat, the Secretariat will no longer report on these projects separately. The analysis contained in the

¹ UNEP/OzL.Pro/ExCom/97/1

² Progress reports were submitted by the following agencies: Australia, Austria, France, Germany, Italy, Japan, Spain and the United Kingdom of Great Britain and Northern Ireland, UNDP, UNEP, UNIDO, and the World Bank (documents UNEP/OzL.Pro/ExCom/97/12 to UNEP/OzL.Pro/ExCom/97/16).

³ The Executive Committee requested that detailed information on a project-by-project basis be made available to Committee members, with a printout available upon request (decision 19/23). The database for the Consolidated Progress Report is provided on the 97th meeting portal on the Multilateral Fund's website, in the spreadsheet programme, Microsoft Excel.

⁴ At its 77th meeting, the Executive Committee accepted, with appreciation, the additional contributions announced by 17 non-Article 5 Parties to provide fast start support for implementation of the Kigali Amendment, noting that such funding was one-time in nature and would not displace donor contributions. The contributing parties are Australia, Canada, Denmark, Finland, France, Germany, Ireland, Italy, Japan, Luxembourg, Netherlands, New Zealand, Norway, Sweden, Switzerland, the United Kingdom of Great Britain and Northern Ireland, and United States of America.

present document is based on ODP tonnes for all controlled substances except for HFCs, which are measured in metric tonnes (mt) and CO₂-eq tonnes.⁵

Review process by the Secretariat

3. The Secretariat reviewed each of the annual progress reports submitted by bilateral and implementing agencies separately. The review was based on the milestones established for investment and non-investment projects including, *inter alia*, signing of agreements; date of release of first disbursement; status of procurement and installation of equipment; status of services provided, including training of refrigeration technicians and customs officers; level of disbursement of approved funds; the operational and financial completion of the project; and the return of fund balances.

4. During the review process, potential issues were identified, *inter alia*, cases where agreements had not been signed due to delays in administrative approvals; instances where a national ozone officer was not in place; lack of financial progress reports; delays in the procurement process, predominantly due to supply chain issues, primarily affecting the availability of refrigerant identifiers; lack of availability of alternative technologies in local markets; challenges in identifying technical experts and consultants to carry out specialized activities; and security-related issues at the country level. All projects with outstanding issues had either low disbursement rates of approved funds or/and required an extension of planned completion dates.

5. The Secretariat also had several exchanges with each bilateral and implementing agency on projects and activities with outstanding issues, where several of the issues were satisfactorily resolved. For those projects and activities where the issues could not be resolved, the proposed recommendations for consideration by the Executive Committee were discussed and agreed with the relevant bilateral or implementing agencies. The projects and activities for which an extension of the completion dates has been requested, are considered in the main documents, while the lists of projects⁶ with outstanding issues are contained in annex III of each progress report of bilateral and implementing agencies. The recommendations will be considered during the discussions of each agency progress report at the 97th meeting.

6. In line with decision 84/45(c), the Secretariat identified all the multi-year agreement (MYA) components with implementation delays and informed the relevant bilateral and implementing agencies. The Secretariat's recommendations are contained in annex III of each progress report of the bilateral and implementing agencies.

7. This document presents a summary of progress in implementation of projects for 2024 and cumulative since 1991 addressing all controlled substances, including Annex F substances (HFCs), under the Montreal Protocol for all projects approved under regular funding and additional voluntary contributions. It also contains a review on the status of implementation of each ongoing⁷ project at the country level. It identifies projects with implementation delays and the potential impact on the phase-out of controlled substances, and projects with outstanding issues for consideration by the Executive

⁵ In line with decision 84/12(a)(iv), the measurement for HFCs in CO₂-eq tonnes is included in the progress reports submitted to the 97th meeting.

⁶ Excluding those that are considered in the relevant project proposal documents or under reports on projects with specific reporting requirements (UNEP/OzL.Pro/ExCom/97/17 and UNEP/OzL.Pro/ExCom/97/18).

⁷ Ongoing projects are all projects that were under implementation as at 31 December 2024. Key indicators of progress include percentage of funds disbursed and percentage of projects that have begun disbursing funds; funding expected to be disbursed by the end of the year as a percentage of the approved funding; the average length of projected delay in implementation; and information provided in the remarks column in the progress report database.

Committee. This document also includes a final report, as requested by decision 95/12(c),⁸ on the achievements of the HFC-related investment projects funded using the additional voluntary contributions for fast-start support for HFC phase-down.

8. The progress reports of bilateral or implementing agencies did not include any policy issue for consideration by the Executive Committee. Also, no policy issues were identified during the Secretariat's review of the progress reports.

Progress in implementation of projects for 2024 and cumulative since 1991

9. As of 31 December 2024, the Executive Committee had approved US \$4.27 billion in projects for bilateral and implementing agencies, consisting of US \$3.82 billion for the implementation of investment and non-investment projects, and US \$449.74 million for agency support costs, as shown in table 1.

Table 1. Approved funding by sector and agency as at 31 December 2024 (US \$)

Sector	UNDP	UNEP	UNIDO	World Bank	Bilateral	Total
Aerosol	26,054,837	882,689	34,397,921	22,984,030	2,051,914	86,371,391
Destruction	4,436,037	4,090,040	5,845,540	600,000	2,046,282	17,017,899
Energy efficiency	2,362,019	3,510,000	3,922,688	1,095,689	3,315,995	14,206,391
Fire fighting	0	0	0	0	0	0
Foam	174,543,644	0	88,540,224	136,059,064	8,093,731	407,236,662
Halon	4,996,973	767,640	1,780,369	70,221,038	6,147,361	83,913,381
HFC phase-down plan	16,001,127	10,226,124	25,910,369	5,665,704	1,812,669	59,615,993
Fumigants	20,081,241	2,614,366	78,028,741	5,837,887	18,226,925	124,789,159
Multiple sectors	0	0	139,440	2,341,168	0	2,480,608
Other	0	0	11,317,246	5,059,360	0	16,376,606
Phase-out plan	427,990,351	93,199,042	428,605,072	223,065,129	83,336,518	1,256,196,111
Process agent	1,286,923	0	6,337,359	114,342,497	0	121,966,779
Production	1,060,066	0	50,638,105	422,973,496	10,000,000	484,671,667
Refrigeration	142,922,668	13,856,016	185,836,795	180,473,484	40,910,116	563,999,079
Several	81,663,722	331,492,381	30,598,719	30,181,553	5,239,718	479,176,093
Solvents	63,699,997	198,860	23,247,443	10,237,394	2,512,738	99,896,432
Sterilant	417,628	0	0	661,227	0	1,078,855
Sub-total	967,517,233	460,837,158	975,146,030	1,231,798,720	183,693,966	3,818,993,107
Agency support costs	134,117,165	37,507,755	129,056,352	131,018,159	18,039,532	449,738,964
Total	1,101,634,398	498,344,913	1,104,202,382	1,362,816,878	201,733,499	4,268,732,070

10. In 2024, 412 new projects and activities were approved. This level of funding is expected to result in the phase-out of 488,616 ODP tonnes of consumption and production of ODS and 8,705 mt (17,999,535 CO₂-eq tonnes) of consumption of HFCs. Annex I shows the status of project implementation per country in 2024.

11. Table 2 shows the status of project implementation including fund disbursement per project type as at 31 December 2024. Annex II presents analytical information since 1991.

Table 2. Status of project implementation by type as at 31 December 2024

Type	Number of projects*			Funding (US \$)**			
	Approved	Completed	% completed	Approved	Disbursed	Balance	% disbursed
Country programme	165	165	100	7,266,559	7,266,559	0	100
Demonstration	145	134	92	65,334,188	61,098,076	4,236,113	94

⁸ The Executive Committee requested the Secretariat to provide, in the consolidated progress report as at 31 December 2024, a final report on the achievements of the six investment projects funded using the additional voluntary contributions for fast-start support for HFC phase-down.

Type	Number of projects*			Funding (US \$)**			
	Approved	Completed	% completed	Approved	Disbursed	Balance	% disbursed
Institutional strengthening (IS)	1,521	1,370	90	203,162,676	168,390,817	34,771,859	83
Investment	3,473	3,130	90	2,954,378,397	2,743,326,048	211,052,349	93
Project preparation	2,094	1,871	89	116,185,625	100,792,790	15,392,834	87
Technical assistance	2,341	2,052	88	446,858,898	398,052,383	48,806,515	89
Training	324	324	100	25,806,763	25,806,763	0	100
Total	10,063	9,046	90	3,818,993,107	3,504,733,436	314,259,671	92

*Excludes closed and transferred projects.

**Excludes agency support costs.

12. Implementation of projects and activities by bilateral and implementing agencies for 2024 and cumulative since 1991 up to 31 December 2024, is summarized as follows:

- (a) **Phase-out:**⁹ In 2024, 9,170.8 ODP tonnes of consumption and production of ODS and 97.5 mt (192,602 CO₂-eq tonnes) of consumption of HFCs were phased out and an additional 7,362 ODP tonnes of consumption and production of ODS and 3,684 mt (8,445,053 CO₂-eq tonnes) of consumption of HFCs were approved for phase-out. Since 1991, 510,094 ODP tonnes had been phased out, of an expected total of 488,616 ODP tonnes of consumption and production of ODS and 1,086 mt (1,606,380 CO₂-eq tonnes) had been phased out, of an expected total of 8,705 mt (17,999,535 CO₂-eq tonnes) of consumption of HFCs from projects approved (excluding cancelled and transferred projects). In addition, in 2024, 109.9 mt (1,627,017 CO₂-eq tonnes) of HFC-23 by-product were destroyed. Since 2022, out of an expected total of 1,274.3 mt (18,858,948 CO₂-eq tonnes) of HFC-23 by-product from approved projects, 314.1 mt (4,648,938 CO₂-eq tonnes) had been destroyed;
- (b) **Disbursements/approvals:** In 2024, US \$94.54 million was disbursed and US \$85.53 million was planned for disbursement based on the 2023 progress report, representing a rate of disbursement of 111 per cent of that planned. Cumulatively, US \$3.5 billion had been disbursed out of the total US \$3.82 billion approved for disbursement (excluding agency support costs), representing a rate of disbursement of 92 per cent. In 2024, US \$155.62 million was approved for implementation;
- (c) **Cost-effectiveness (in ODP):**¹⁰ Since 1991, the average cost-effectiveness of investment projects approved leading to a permanent reduction in consumption was US \$ 8.73/kg. The cost-effectiveness for the production sector was US \$4.56/kg. The average cost-effectiveness of investment projects per ODP tonne was US \$5.39/kg for completed projects and US \$12.46/kg for ongoing projects;¹¹
- (d) **Number of projects completed:** In 2024, 245 projects were completed. Since 1991, 9,046 projects of the 10,063 projects (excluding closed or transferred projects) financed by the Multilateral Fund have been completed, representing a completion rate of 90 per cent;

⁹ Phase-out of ODS is expressed in ODP tonnes and of HFCs in mt and CO₂-eq tonnes.

¹⁰ Including 8,705 mt of HFC-related projects. Cost-effectiveness in CO₂-eq is not included due to the limited number of projects approved.

¹¹ The higher value of the cost-effectiveness for ongoing projects is largely due to the lower ODP values of HCFCs but also due to the means of assigning phase-out by agencies. The cost-effectiveness for MYAs of HCFC phase-out management plan (HPMP) is US \$56.53/kg ODP, for stage I of HCFC production phase-out management plan (HPPMP) is US \$23.93/kg ODP and for stage II of HPPMP is US \$4.16/kg ODP.

- (e) **Speed of delivery – investment projects:** Projects that were completed in 2024 were completed on average 46 months after their approval. Since 1991, the average time for completion of investment projects has been 38 months after their approval. First disbursements under these projects occurred, on average, 14 months after they had been approved;
- (f) **Speed of delivery – non-investment projects:** Projects that were completed in 2024 were completed on average 39 months after their approval. Since 1991, the average time for completion of non-investment projects has been 38 months after their approval. First disbursements under these projects occurred, on average, 12 months after they had been approved;
- (g) **Project preparation:** Of the 2,094 project preparation activities approved by the end of 2024, 1,871 have been completed, leaving 223 ongoing activities. In 2024, 82 project preparation activities were approved and 76 were completed;
- (h) **Implementation delays:** A total of 1,017 projects were under implementation at the end of 2024, experiencing, on average, a delay of eight months. Seventy-eight of these projects are classified as “projects with implementation delays”¹² that are subject to the procedures of project cancellation, as demonstration projects, project preparation and IS are not subject to those procedures; and
- (i) **MYAs:** In 2024, one HPPMP, 151 MYAs for HCFC phase-out management plans (HPMPs), 67 MYAs for Kigali HFC implementation plans (KIPs) and two MYAs for control and phase-out of HFC-23 emissions were under implementation. Since 1991, 541 MYAs have been approved and 320 MYAs have been completed, representing a completion rate of 59 per cent. Annex IV summarizes the total funding approved and disbursed for HPMP activities at the country level.

13. Table 3 summarizes progress made by bilateral and implementing agencies since 1991.

Table 3: Progress made by bilateral and implementing agencies since 1991

Phase out achieved		HFC-23 by-product destroyed	Disbursement (US \$)	Average CE (US\$/kg)			Number of projects		Speed of delivery for completion (months)		Average project delays (months)	Number of MYAs	
ODP tonnes*	CO ₂ -eq tonnes**	CO ₂ -eq tonnes***		Consumption	Production	HFC-23 emissions	Approved	Completed	Investment	Non-investment		Approved	Completed
510,094	1,606,380	4,648,938	3,504,733,436	8.73	4.56	0.66	10,063	9,046	38	38	8	541	320

*Consumption and production of ODS.

** HFC-related projects.

*** HFC-23 by-product destroyed as reported in the project proposal documents.

HFC-related projects

14. As of 31 December 2024, the Executive Committee had approved 545 HFC-related projects (including 10 demonstration projects, 117 investment projects, 200 project preparation activities and 218 technical assistance projects) amounting to US \$102,482,622 (excluding agency support costs) to phase out of 8,705 mt (17,999,535 CO₂-eq tonnes) of consumption of HFCs. A summary of the status of these projects is presented in table 4 and the respective data has already been included in paragraphs 9 to 13.

¹² Projects approved over 18 months with disbursement less than 1 per cent, or projects that had not been completed 12 months after the proposed completion date in the progress report (decision 22/61). Pursuant to decision 84/45(c), MYA components are subjected to procedure for cancellation.

Table 4. HFC-related projects approved*

Type	Number of projects			Funding (US \$)**			
	Approved	Completed	% completed	Approved	Disbursed	Balance	% disbursed
Demonstration	10	0	0	4,232,415	189,962	4,042,453	4
Investment	117	14	12	56,214,082	16,083,018	40,131,064	29
Project preparation	200	107	54	19,179,406	12,407,711	6,771,695	65
Technical assistance	218	159	73	22,856,718	17,689,339	5,167,379	77
Total	545	280	51	102,482,622	46,370,030	56,112,592	45

* Excludes closed and transferred projects.

** Excludes agency support costs.

15. As of the end of 2024, of the 545 projects, 14 investment projects, 107 project preparation activities and 159 technical assistance projects had been completed, leaving 265 ongoing. These activities are at various stages of implementation.

16. Of the total cumulative funding approved of US \$102,482,622 (excluding agency support costs), US \$46,370,030 had been disbursed, representing a disbursement rate of 45 per cent.

17. Annex III provides information on all HFC-related projects and activities under the Multilateral Fund, irrespective of the source of funding, at the country level, indicating the status of ratification of the Kigali Amendment and the status of the HFC licensing system.

Issues identified in project implementation in 2024

18. Based on planned completion dates reported in the 2023 progress report, and the results reported in the 2024 progress reports, bilateral and implementing agencies completed 56 per cent of the projects they had planned to complete in 2024. One hundred and ninety-four of the 643 ongoing projects (excluding IS and project preparation) have revised their planned dates of completion since the 2023 progress report.

19. Bilateral and implementing agencies achieved an overall rate of disbursement of 111 per cent in 2024. On a country/region basis, 63 countries (including regions) had a disbursement rate of over 85 per cent while 39 countries had a disbursement rate of below 50 per cent.

20. In total, bilateral and implementing agencies are requested to report, at the 98th meeting, on 78 ongoing projects with implementation delays and 14 ongoing tranches of MYAs, renewal of IS projects, and preparation of HPMPs, recommended for status reports.

Final report on the achievements of the investment projects funded using the additional voluntary contributions for fast-start support for HFC phase-down (decision 95/12(c))

21. Pursuant to decision 78/3(g), the Executive Committee approved six HFC-related investment projects in the manufacturing sector only, funded through the additional voluntary contributions for fast-start support for HFC phase-down. All projects have been completed. This section presents the final report submitted in line with decision 95/12(c). A summary of the key outcomes is provided in table 5, with further details elaborated in paragraphs 22 to 27.

Table 5. Summary of key outcomes of HFC-related investment projects approved pursuant to decision 78/3(g)

Country/Project title/Project code	Agency	Impact (phase-out achieved)		Date of approval	Date of completion
		Mt	CO ₂ -eq tonnes		
Bangladesh: Conversion from HFC-134a to isobutane as refrigerant in manufacturing household refrigerator and of reciprocating compressor of HFC-134a to energy efficient compressor (isobutane) in Walton Hi-Tech Industries Limited (BGD/REF/80/INV/01+)	UNDP	230.63 (HFC-134a)	329,801 (HFC-134a)	Nov-17	Dec-19
Argentina: Conversion project for replacement of HFC-134a with isobutane (R-600a)/propane (R-290)-based refrigerant in the manufacture of domestic and commercial refrigeration equipment at Briket, Bambi and Mabe-Kronen (ARG/REF/81/INV/01+)	UNIDO	96.55 (HFC-134a)	138,069 (HFC-134a)	Jun-18	Jun-22
Lebanon: Conversion from HFC-134a and HFC-404A to R-600a and R-290 in domestic refrigeration at Lematic Industries (LEB/REF/81/INV/03+)	UNIDO	78.46 (HFC-134a); 34.08 (R-404A)	112,198 (HFC-134a) 133,662 (R-404A)	Jun-18	Dec-20
Mexico: Conversion of commercial refrigeration manufacturing in two facilities from the use of HFC-134a and R-404A as the refrigerants to propane (R-290) and isobutane (R-600a) at Imbera (MEX/REF/81/INV/04+)	UNIDO	70.96 (HFC-134a); 5.91 (R-404A)	101,470 (HFC-134a) 23,187 (R-404A)	Jun-18	Dec-21
China: Conversion from C5+HFC-245fa to C5+HFOs in a domestic refrigerator manufacturer (Hisense Kelon) (CPR/FOA/82/INV/06+)	UNDP	250.00 (HFC-245fa)	257,500 (HFC-245fa)	Dec-18	Jun-21
Thailand: Conversion from HFC to propane (R-290) and isobutane (R-600a) as a refrigerant in manufacturing commercial refrigeration appliances in Pattana Intercool Co. Ltd. (THA/REF/82/INV/03+)	World Bank	8.78 (HFC-134a)	12,555 (HFC-134a)	Dec-18	Dec-21

Conversion at Walton Hitech Industries Limited (Bangladesh)

22. The project led to the successful conversion of the enterprise to hydrocarbon (HC)-based technologies, which are estimated to be at least 10 per cent more energy-efficient compared to previous HFC-134a-based equipment. Given that Walton is the leading domestic refrigerator manufacturer in the local market, its transition significantly contributed to curbing growth of HFC-134a use in domestic refrigerators across the country. Key implementation challenges included the redesigning of compressors to accommodate R-600a, modifications to manufacturing processes to ensure the safe handling of flammable refrigerants, and the need for additional investments in test chambers for testing HC-based equipment.

Conversion at Briket, Bambi and Mabe-Kronen (Argentina)

23. Originally scheduled for completion by June 2020, the project faced delays due to restrictions related to the COVID-19 pandemic. Supply chain challenges affected the procurement, installation and commissioning of manufacturing equipment using R-600a, as well as training activities on the safe use of

HCs in refrigerator manufacturing and servicing. Additional challenges included the development of products for safe operations using HCs and capacity-building of plant personnel and other relevant stakeholders on safety protocols. These were addressed through targeted technical interventions in product design, awareness-raising efforts and safety training activities. All three companies successfully converted to HC-based technologies, which are estimated to be more energy-efficient by greater than 10 per cent compared to HFC-134a-based products. The project resulted in the sustainable adoption of HC-based energy-efficient technologies in domestic refrigerators in the country and contributed to building local capacity for handling HCs during servicing. Support for improving the energy efficiency of these technologies was provided through a project for “Promoting the production of energy efficient refrigerators in Argentina during the hydrofluorocarbons phase-down transition”, funded by the Kigali Cooling Efficiency Program (K-CEP) and implemented by UNIDO.

Conversion at Lematic Industries (Lebanon)

24. The enterprise successfully and sustainably converted to R-600a and R-290, with the latter used in certain commercial refrigeration equipment. The transition resulted in energy-efficiency gains estimated at about 20 per cent. One of the main challenges during implementation included the need for capacity-building and training on the safe handling of HCs in the manufacturing and servicing of refrigeration equipment. These were addressed through targeted training and capacity-building efforts, which facilitated the adoption of HC-based technologies in the market. Additionally, the higher costs of energy-efficient HC-based components led to increased competition from imported products. Nonetheless, the conversion of the enterprise to HC-based energy-efficient manufacturing operations contributed to halting the growth of HFC consumption in the country.

Conversion at Imbera (Mexico)

25. The enterprise successfully and sustainably converted its manufacturing operations to utilize R-600a and R-290, resulting in energy-efficiency gains through improved product design and component upgrades, estimated to be above 10 per cent of baseline equipment. The project also contributed to slowing the growth of HFC consumption in the country. The project experienced minor delays, primarily due to restrictions related to the COVID-19 pandemic. Key implementation challenges included the need for capacity-building and training on the safe handling of HCs in the manufacturing and servicing of refrigeration equipment, as well as delays in the development of flammability standards for HC-based refrigerants in larger commercial refrigeration appliances. The enterprise’s commitment to closely monitoring project activities supported timely implementation. Moreover, training and capacity-building activities on the use of HC-based refrigerants facilitated market adoption of these technologies.

Conversion at Hisense Kelon (China)

26. Originally scheduled for completion by December 2020, the project experienced delays due to restrictions related to the COVID-19 pandemic. One of the main challenges was the need to increase foam density to maintain product strength, which led to higher quantities of HFOs in the foam formulation and, consequently, to increased costs for the foam component in the domestic refrigerators using HFO-based alternatives compared to HFC-245fa. Additional investments were also required for the manufacturing plant’s different mixing and storage facilities to address greater instability and higher costs of HFO compared to HFC-245fa. Despite these challenges, the project enhanced understanding of the modifications needed in foam manufacturing facilities for the use of HFOs, including formulation optimization to ensure reliable performance. It also contributed to reducing the use of HFC-245fa in domestic refrigerator manufacturing at the facility and lowering energy consumption of domestic refrigerators using HFO-based foam.

Conversion at Pattana Intercool Co. Ltd. (Thailand)

27. The original project proposal included the conversion from HFC-134a to R-600a or R-290 in small stand-alone commercial refrigeration units. However, due to the specific design of the enterprise's equipment, R-290 was selected as the preferred option, given its superior energy performance. Project completion was delayed due to restrictions related to the COVID-19 pandemic, including travel bans that prevented technical experts from conducting on-site equipment commissioning and delivering training on the safe use of HC-based alternatives. Monitoring and supervision site visits were also affected, along with delays in finalizing the environment management plan for the new facility and completing the final safety audit. Despite these challenges, the enterprise successfully converted to R-290 as a refrigerant in its commercial refrigeration equipment, achieving improved cooling performance and energy savings. This is expected to encourage broader adoption of R-290 in similar equipment across other enterprises. In addition to funding some components of capital investment with its own resources, the enterprise introduced innovative Internet-of-things (IoT) design changes that resulted in enhanced control on equipment performance using devices such as smartphones and personal computers. The project resulted in a sustainable conversion due to lower manufacturing costs, attributable to the use of more affordable refrigerants and components for R-290-based equipment, improved equipment performance and enhanced understanding of the use of HC-based refrigerants.

28. The Executive Committee may wish to note the final report on the achievements of the six investment projects funded using the additional voluntary contributions for fast-start support for HFC phase-down.

Secretariat comments

29. The Secretariat noted that certain projects experienced delays due to operational issues. In line with decision 82/11(b), the requests for extension of their completion dates, to various dates up to 31 December 2027, are presented in the progress reports of the respective implementing agencies and require approval by the Executive Committee. These projects include the HPMPs for Algeria, Jordan, the Niger, and the Sudan (UNIDO), one investment project in Zimbabwe (France and UNDP), and various activities related to the preparation of national inventory of banks of waste-controlled substances (decision 91/66) (all agencies). In addition, the issue of possible cancellation of stages I and II of the HPMP for Afghanistan (UNIDO), as well as reports concerning the HPMPs for Georgia (UNDP) and Uganda (UNEP), submitted pursuant to decision 95/34(a), are also addressed in the respective progress reports.

30. The agencies have continued to provide information on specific steps undertaken to address delays in implementation of activities, including the analysis of the relevant root causes and information on how to avoid reoccurrence. Similar to the information reported in the 2023 progress report, the main issues identified include delays in procurement and distribution of equipment mainly due to delays in supply of refrigerant identifiers; slower market uptake of low-global-warming-potential (GWP) technologies; structural changes in the Government including changes in national ozone unit (NOU); political/security situation; challenges in identifying technical experts and consultants to conduct project studies, including for activities related to the preparation of national inventory of banks of waste-controlled substances and development of a national plan for management of these substances; and delays in the submission of reports due to the lack of capacity of the NOU. The main actions taken by the agencies include defining procedures for timely procurement of equipment through long-term agreements with qualified suppliers; for promoting the adoption of low-GWP alternative technologies, close coordination with the NOU and industry and implementation of targeted programmes, and addressing technical and operational barriers through project activities; close coordination with Governments including consultations during the network and other meetings on specific country-level issues and defining plans of actions for addressing administrative issues; expanding the number of consultants and technical experts available to conduct project studies, including for activities related to the preparation of national inventory of banks of waste-controlled substances and development of a national plan for management of these substances, along with capacity-building of

consultants in specific instances; and training and capacity-building of NOU staff and involving senior Government management staff on aspects related to operational progress monitoring and reporting. At its 93rd meeting, the Executive Committee approved an increase in the funding support provided to implementing agencies to strengthen their capacities to provide technical and policy assistance to Article 5 countries during the triennium 2024–2026 (decision 93/95). This increase provides support to enable more effective implementation of various activities, particularly for low-volume-consuming countries.

Gender mainstreaming¹³

31. All agencies have undertaken various measures, at the agency, NOU, and project levels, to implement the operational gender mainstreaming policy of the Multilateral Fund. These measures primarily include the development of action plan for integrating the policy during both the project preparation and implementation phases; awareness-raising and information outreach to NOUs and other stakeholders regarding the policy; and actions aimed at achieving better balance between men and women during project implementation. Agencies work closely with national counterparts and relevant project units to ensure a clear understanding of the gender mainstreaming policy; include provisions across activities to encourage women's participation at different levels (e.g., as consultants, project management personnel, and trainees); collaborate with the relevant stakeholders to collect disaggregated data during project activities and to identify challenges faced in implementing the gender policy and plan; and implement measures to address these challenges. The agencies are also disseminating information on success stories, which is expected to further strengthen the gender mainstreaming policy. UNEP, through regional network meetings under its Compliance Assistance Programme, also includes dedicated sessions to promote the gender mainstreaming policy and actions required to effectively implement the policy.

Recommendation

32. The Executive Committee may wish to note:

- (a) The consolidated progress report of the Multilateral Fund as at 31 December 2024, including the final report on the achievements of the six investment projects funded using the additional voluntary contributions for fast-start support for HFC phase-down pursuant to decision 95/12(c), contained in document UNEP/OzL.Pro/ExCom/97/11;
- (b) With appreciation, the efforts undertaken by bilateral and implementing agencies in reporting their 2024 activities; and
- (c) That the bilateral and implementing agencies would report, at the 98th meeting, on 78 projects with implementation delays and 14 ongoing projects recommended for additional status reports, as contained in annex III of each individual progress report of bilateral and implementing agencies.

¹³ The Executive Committee requested 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 (decision 90/48(d)).

Annex I

**OVERVIEW OF STATUS OF PROJECT IMPLEMENTATION
PER COUNTRY FOR 2024**

1. Table 1 of annex I presents the status of project implementation by country for 2024 in achieved phase-out, planned and achieved disbursements and project completion.

Table 1. Status of project implementation for 2024

Country	Phased out in 2024 (ODP tonnes)*	Phased out in 2024 (CO ₂ -eq tonnes)*	Estimated funds disbursed in 2024 (US\$)	Funds disbursed in 2024 (US\$)	Percentage of funds disbursed over estimation in 2024	Percentage of planned projects completed in 2024**
Afghanistan	0.0	0	20,003	12,556	63	0
Albania	0.0	0	213,746	178,960	84	100
Algeria	0.0	0	287,737	131,577	46	60
Angola	0.0	0	382,286	204,587	54	50
Antigua and Barbuda	0.0	0	80,000	39,292	49	100
Argentina	50.5	0	1,735,129	1,840,238	106	0
Armenia	0.0	0	102,310	184,373	180	100
Bahamas (the)	0.0	0	103,100	104,324	101	100
Bahrain	16.0	0	232,375	318,484	137	100
Bangladesh	6.8	0	643,019	1,190,444	185	0
Barbados	0.0	0	170,630	123,880	73	0
Belize	0.0	0	103,369	115,632	112	100
Benin	0.0	0	232,954	300,648	129	100
Bhutan	0.0	0	98,365	70,652	72	0
Bolivia (Plurinational State of)	5.1	10,000	333,604	279,057	84	100
Bosnia and Herzegovina	0.0	0	130,003	230,064	177	0
Botswana	0.0	0	312,524	425,144	136	25
Brazil	74.4	0	2,570,559	5,046,925	196	100
Brunei Darussalam	0.0	0	179,108	93,095	52	0
Burkina Faso	0.0	0	305,070	253,224	83	
Burundi	0.0	0	79,951	60,506	76	100
Cabo Verde	0.0	0	293,958	128,190	44	0
Cambodia	0.4	0	271,998	204,047	75	100
Cameroon	3.2	5,666	207,000	264,453	128	
Chad	3.2	0	126,352	207,150	164	0
Chile	0.0	0	601,363	343,311	57	0
China	8,344.6	0	24,468,048	35,782,351	146	40
Colombia	3.7	0	680,264	603,230	89	100
Comoros (the)	0.0	0	107,220	71,290	66	100
Congo (the)	0.0	0	93,958	52,364	56	100
Cook Islands (the)	0.0	0	173,811	21,686	12	100
Costa Rica	0.0	0	307,366	332,679	108	
Cote d'Ivoire	0.0	0	270,072	265,401	98	50
Cuba	0.0	0	304,597	283,308	93	100
Democratic People's Republic of Korea (the)	0.4	0	3	1	18	
Democratic Republic of the Congo (the)	0.0	0	194,131	88,635	46	0
Djibouti	0.0	0	94,750	8,080	9	0
Dominica	0.1	0	212,129	156,754	74	100
Dominican Republic (the)	0.7	1,200	596,602	209,906	35	100
Ecuador	29.6	54,901	531,003	611,429	115	100

Country	Phased out in 2024 (ODP tonnes)*	Phased out in 2024 (CO ₂ -eq tonnes)*	Estimated funds disbursed in 2024 (US\$)	Funds disbursed in 2024 (US\$)	Percentage of funds disbursed over estimation in 2024	Percentage of planned projects completed in 2024**
Egypt	21.5	0	3,417,472	4,690,607	137	43
El Salvador	4.1	0	205,763	165,291	80	33
Equatorial Guinea	0.0	0	152,340	72,913	48	50
Eritrea	0.3	0	208,750	297,050	142	
Eswatini (the Kingdom of)	0.0	0	141,500	139,400	99	100
Ethiopia	0.0	0	258,500	304,396	118	67
Fiji	0.0	0	310,808	110,417	36	0
Gabon	0.0	0	171,377	178,700	104	50
Gambia (the)	0.0	0	287,400	253,986	88	50
Georgia	0.0	0	100,356	238,822	238	100
Ghana	0.0	0	200,881	206,505	103	100
Grenada	0.0	0	249,991	52,148	21	50
Guatemala	40.6	80,000	184,445	136,933	74	
Guinea	0.0	0	153,751	204,838	133	33
Guinea-Bissau	0.0	0	92,353	23,916	26	25
Guyana	0.0	0	186,028	71,250	38	50
Haiti	0.0	0	49,720	59,607	120	100
Honduras	0.0	0	237,326	219,299	92	50
India	188.0	0	3,800,527	1,694,046	45	100
Indonesia	63.7	0	1,758,721	884,658	50	80
Iran (Islamic Republic of)	6.6	0	1,114,485	544,805	49	20
Iraq	0.0	0	520,255	186,117	36	100
Jamaica	0.0	0	172,809	99,659	58	0
Jordan	42.6	0	1,099,858	949,056	86	75
Kenya	0.0	0	375,730	240,560	64	0
Kiribati	0.0	0	224,175	35,888	16	
Kuwait	0.0	0	1,054,890	564,760	54	0
Kyrgyzstan	0.0	0	206,586	247,298	120	50
Lao People's Democratic Republic (the)	0.0	0	210,600	221,553	105	80
Lebanon	1.1	0	436,680	381,384	87	100
Lesotho	0.0	0	171,112	166,655	97	50
Liberia	0.0	0	291,448	207,467	71	0
Libya	9.8	0	307,951	479,468	156	
Madagascar	3.4	0	108,240	35,449	33	
Malawi	49.0	0	183,750	279,258	152	100
Malaysia	0.0	0	917,681	517,444	56	100
Maldives	0.0	0	194,563	124,246	64	33
Mali	0.0	0	160,720	28,000	17	25
Marshall Islands (the)	0.0	0	78,540	69,284	88	0
Mauritania	2.2	0	96,875	104,886	108	50
Mauritius	0.0	0	264,001	111,791	42	0
Mexico	24.0	0	2,980,513	2,711,888	91	88
Micronesia (Federated States of)	0.0	0	180,180	61,633	34	100
Mongolia	0.0	0	243,979	188,747	77	50
Montenegro	0.0	0	149,000	78,173	52	100
Morocco	0.0	0	315,001	305,174	97	0
Mozambique	0.0	0	304,764	291,081	96	33
Myanmar	0.4	0	45,002	0	0	57
Namibia	0.0	0	345,137	179,559	52	0
Nauru	0.0	0	116,395	7,030	6	0

Country	Phased out in 2024 (ODP tonnes)*	Phased out in 2024 (CO ₂ -eq tonnes)*	Estimated funds disbursed in 2024 (US\$)	Funds disbursed in 2024 (US\$)	Percentage of funds disbursed over estimation in 2024	Percentage of planned projects completed in 2024**
Nepal	5.5	0	141,687	122,364	86	67
Nicaragua	0.5	0	308,790	115,057	37	
Niger (the)	17.1	36,888	142,370	160,722	113	100
Nigeria	26.3	0	1,551,211	1,931,247	124	70
Niue	0.0	0	103,468	52,275	51	
North Macedonia	13.4	3,947	293,002	241,323	82	0
Oman	2.5	0	262,664	125,033	48	0
Pakistan	5.4	0	1,207,374	712,645	59	100
Palau	0.0	0	163,000	79,941	49	
Panama	0.0	0	293,803	203,384	69	100
Papua New Guinea	0.0	0	80,000	29,135	36	0
Paraguay	1.4	0	159,910	162,068	101	100
Peru	2.0	0	596,226	316,943	53	0
Philippines (the)	0.0	0	519,976	329,207	63	0
Qatar	0.0	0	237,585	220,586	93	67
Republic of Moldova (the)	0.3	0	162,812	188,386	116	100
Rwanda	0.3	0	222,700	256,089	115	100
Saint Kitts and Nevis	0.1	0	113,425	168,600	149	100
Saint Lucia	0.0	0	223,053	123,094	55	33
Saint Vincent and the Grenadines	0.0	0	214,622	59,527	28	0
Samoa	0.0	0	158,482	90,621	57	
Sao Tome and Principe	0.0	0	92,086	0	0	0
Saudi Arabia	0.0	0	169,104	330,363	195	100
Senegal	0.0	0	328,706	223,809	68	50
Serbia	0.0	0	165,602	58,720	35	33
Seychelles	0.0	0	214,226	164,802	77	100
Sierra Leone	0.3	0	421,779	436,530	103	75
Solomon Islands	0.0	0	217,208	84,625	39	100
Somalia	0.0	0	120,452	100,583	84	50
South Africa	0.0	0	870,003	655,905	75	0
South Sudan	0.3	0	145,718	154,811	106	50
Sri Lanka	0.8	0	307,018	467,049	152	50
Sudan (the)	0.0	0	226,702	230,831	102	50
Suriname	0.0	0	179,889	0	0	50
Syrian Arab Republic (the)	0.0	0	787,614	353,469	45	0
Thailand	0.0	0	1,904,772	948,439	50	
Timor-Leste	0.1	0	131,843	89,252	68	67
Togo	0.0	0	204,114	161,708	79	67
Tonga	0.0	0	198,940	91,901	46	
Trinidad and Tobago	0.0	0	693,670	375,125	54	100
Tunisia	13.6	0	306,001	328,715	107	75
Türkiye	179.9	0	362,242	440,506	122	40
Turkmenistan	2.2	0	187,525	140,030	75	100
Tuvalu	0.0	0	144,254	48,672	34	
Uganda	0.0	0	50,103	116,118	232	100
United Republic of Tanzania (the)	0.0	0	236,853	373,157	158	25
Uruguay	0.0	0	798,736	277,826	35	100
Vanuatu	0.0	0	139,630	60,638	43	100
Venezuela (Bolivarian Republic of)	0.0	0	473,760	522,644	110	50

Country	Phased out in 2024 (ODP tonnes)*	Phased out in 2024 (CO ₂ -eq tonnes)*	Estimated funds disbursed in 2024 (US\$)	Funds disbursed in 2024 (US\$)	Percentage of funds disbursed over estimation in 2024	Percentage of planned projects completed in 2024**
Viet Nam	0.0	0	344,526	129,052	37	
Yemen	0.0	0	137,607	2,404	2	
Zambia	0.3	0	102,851	136,905	133	50
Zimbabwe	0.0	0	458,142	617,673	135	50
Region: ASP	0.0	0	695,805	685,677	99	33
Global	0.0	0	3,663,557	9,778,915	267	80
Grand total	9,268.3	192,602	85,526,594	94,536,121	111	56

* 97.5 mt (192,602 CO₂-eq tonnes) in 2024 for HFC-related projects. In addition, in 2024, 109.9 mt (1,627,017 CO₂-eq tonnes) of HFC-23 by-product were destroyed.

** For projects that were planned to be completed in 2024.

Annex II

**OVERVIEW OF STATUS OF PROJECT IMPLEMENTATION
AS AT 31 DECEMBER 2024**

1. Table 1 of annex II presents an overview of the status of project implementation by year.¹ All projects and activities approved between 1991 and 2008 and in 2010, 2011 and 2013, have now been completed.

Table 1. Status of project implementation by year

Year	Number of projects*			Funding (US \$)**			
	Approved	Completed	% completed	Approved	Disbursed	Balance	% disbursed
1991	68	68	100	7,950,771	7,950,771	0	100
1992	176	176	100	41,261,376	41,261,376	0	100
1993	217	217	100	73,198,586	73,198,586	0	100
1994	379	379	100	128,630,290	128,630,290	0	100
1995	355	355	100	111,188,309	111,188,309	0	100
1996	257	257	100	83,813,027	83,813,027	0	100
1997	532	532	100	154,314,938	154,314,940	-2	100
1998	422	422	100	99,680,368	99,680,367	1	100
1999	546	546	100	152,710,736	152,710,736	0	100
2000	426	426	100	109,540,523	109,540,522	1	100
2001	427	427	100	130,139,750	130,139,752	-2	100
2002	358	358	100	162,045,816	162,045,816	0	100
2003	247	247	100	157,043,468	157,043,468	0	100
2004	271	271	100	162,388,007	162,388,008	-1	100
2005	255	255	100	180,276,023	180,276,021	2	100
2006	261	261	100	120,847,322	120,847,323	-1	100
2007	213	213	100	120,084,047	120,084,047	0	100
2008	354	354	100	121,600,746	121,600,750	-4	100
2009	320	318	99	73,691,484	73,400,556	290,928	100
2010	227	227	100	83,919,591	83,910,443	9,148	100
2011	264	264	100	201,764,495	201,898,540	-134,045	100
2012	182	180	99	100,850,583	100,278,248	572,334	99
2013	184	184	100	125,214,437	125,080,397	134,040	100
2014	223	222	100	91,750,338	91,706,561	43,777	100
2015	377	372	99	154,069,382	151,706,795	2,362,586	98
2016	239	234	98	113,860,561	110,835,349	3,025,212	97
2017	202	195	97	74,563,947	73,622,179	941,767	99
2018	334	324	97	130,464,376	119,402,515	11,061,861	92
2019	226	204	90	48,882,338	43,460,474	5,421,864	89
2020	252	210	83	66,471,395	59,572,988	6,898,407	90
2021	291	214	74	83,868,814	69,031,458	14,837,356	82
2022	216	98	45	83,279,777	56,218,633	27,061,144	68
2023	350	35	10	114,007,011	26,236,505	87,770,506	23
2024	412	1	0	155,620,475	1,657,683	153,962,792	1
Total	10,063	9,046	90	3,818,993,107	3,504,733,436	314,259,671	92

* Excludes closed and transferred projects.

** Excludes agency support costs.

¹ The data is presented according to the year when a project was approved by the Executive Committee. It treats all approvals (investment and non-investment projects) equally (i.e., an investment project or a funding tranche of an MYA of US \$1 million is considered one project, same as a country programme preparation of US \$30,000). Key indicators from the annual summary are: the percentage of projects completed, ODP tonnes/CO₂-eq tonnes phased out, and percentage of funds disbursed. There are three types of disbursements: during implementation, after implementation and for retroactively financed projects.

Completed projects²

2. Since 1991, 9,046 projects of the 10,063 projects (excluding closed or transferred projects) financed by the Multilateral Fund were completed, representing a completion rate of 90 per cent. Tables 2 to 4 present information on completed investment, non-investment and project preparation activities.

Completed investment projects

3. Table 2 presents information on investment projects that have been completed since 1991. The table presents the data in total, followed by data according to region, sector, implementation characteristics, and disbursement method.

Table 2. Cumulative completed investment projects

Item	Number of projects	Approved funds plus adjustment (US \$)	Per cent of funds disbursed (%)	Consumption phased out	Production phased out	Average number of months from approval to first disbursement	Average number of months from approval to completion	Overall cost-effectiveness to the fund (US\$/kg.)
TOTAL	3,130	2,609,933,391	100	280,120	204,189	14	38	5.39
Region								
Africa	557	181,494,440	99	18,719	0	12	41	9.70
Asia & Pacific	1,628	1,918,542,539	100	217,939	184,239	16	38	4.77
Europe	171	73,315,450	100	8,052	175	10	34	8.91
Latin America and Caribbean	774	436,580,962	99	35,410	19,775	13	37	7.91
Global	n/a	0	0	0	0	n/a	n/a	n/a
Sector								
Aerosol	127	82,501,518	100	27,449	0	16	43	3.01
Destruction	0	0	0	0	0	n/a	n/a	n/a
Energy efficiency	0	0	0	0	0	n/a	n/a	n/a
Fire fighting	0	0	0	0	0	n/a	n/a	n/a
Foam	1,007	380,124,325	100	69,728	0	15	34	5.45
Fumigants	123	99,900,005	100	8,113	0	10	49	12.31
Halon	39	71,476,177	100	42,111	41,958	17	30	0.85
HFC phase-down plan	0	0	0	0	0	n/a	n/a	n/a
Multiple sectors	4	2,287,376	100	419	0	28	78	5.46
Other	8	16,059,360	100	1,574	0	12	20	10.20
Phase-out plan	976	878,363,461	99	58,548	10,988	12	42	12.63
Process agent	30	120,252,627	100	19,573	52,162	10	27	1.68
Production	62	416,148,243	100	0	99,081	9	20	4.20
Refrigeration	623	447,394,639	100	45,260	0	16	39	9.88
Solvents	128	94,351,804	100	7,285	0	19	32	12.94
Sterilant	3	1,073,855	100	60	0	15	34	17.78
Implementation characteristics								
Agency implementation	1,943	995,836,062	100	97,041	17,381	11	37	8.70
National implementation	1,187	1,614,097,329	99	183,079	186,808	20	40	4.36
Disbursement method								
During implementation	3,001	2,126,444,541	100	268,078	199,719	14	38	4.55
After implementation	50	17,166,608	100	2,512	0	23	25	6.83
Retroactive funding	37	14,635,851	100	2,140	500	15	11	5.54
Country to final beneficiaries	42	451,686,391	100	7,389	3,970	8	54	39.76

² Completed projects/activities are defined in decisions 17/22 and 19/23 as projects that have been commissioned and where the ODS addressed has been phased out. A further decision (decision 28/2) extends the definition to cover situations where no further use of CFCs in the sectors covered is in evidence, where an alternative product is being produced (and/or production has begun), and where the equipment using CFCs has been destroyed/dismantled/rendered unusable with respect to ODSs. Work programme activities without an ODS phase-out are considered completed when the activity is finished (e.g., for a workshop, when it has been conducted). This definition has been applied for HCFC-related projects.

4. Overall, 99.6 per cent of the funds approved for completed investment projects have been disbursed.³ Since 1991, 3,130 investment projects have been completed at a total value of US \$2.61 billion. The average time from approval to first disbursement for investment projects is 14 months. Investment projects have been completed, on average, 38 months after they were approved.

Completed non-investment projects

5. Table 3 presents data on cumulative completed non-investment projects. Since 1991, 4,045 non-investment projects have been completed at a total value of US \$645.23 million.

Table 3. Cumulative completed non-investment projects

Item	Number of projects	Approved funds plus adjustment (US \$)	Per cent of funds disbursed (%)	Average number of months from approval to first disbursement	Average number of months from approval to completion
TOTAL	4,045	645,230,714	100	12	38
Region					
Africa	1,259	113,203,483	100	12	38
Asia & Pacific	1,227	185,883,752	100	14	40
Europe	267	25,380,606	100	9	33
Latin America and Caribbean	965	116,198,782	100	14	41
Global	327	204,564,090	99	6	22
Sector					
Aerosol	31	2,461,265	100	11	36
Destruction	17	8,695,623	100	11	65
Energy efficiency	0	0	0	n/a	n/a
Fire fighting	0	0	0	n/a	n/a
Foam	34	10,543,567	100	14	36
Fumigants	137	21,224,434	100	9	39
Halon	82	11,238,156	100	17	44
HFC phase-down plan	1	20,000	100	25	24
Multiple sectors	1	53,792	100	56	58
Other	1	76,499	100	7	38
Phase-out plan	854	91,074,821	100	14	40
Process agent	0	0	0	n/a	n/a
Production	2	90,000	100	5	8
Refrigeration	639	92,316,381	100	16	50
Several	2,212	404,037,394	99	10	33
Solvents	34	3,398,782	100	11	27
Sterilant	0	0	0	n/a	n/a
Implementation characteristics					
Agency implementation	3,314	489,400,138	99	12	37
National implementation	731	155,830,575	100	14	40
Disbursement method					
During implementation	4,009	632,662,747	100	12	38
After implementation	26	2,325,462	100	14	21
Retroactive funding	1	146,698	100	3	83
Country to final beneficiaries	9	10,095,807	100	7	38

6. The average time from approval to first disbursement for non-investment projects is 12 months. Non-investment projects have been completed, on average, 38 months after they were approved. This figure is influenced by the large number of projects (2,212 of 4,045) in the sector called “several”, which had an average time from approval to completion of 33 months. Non-investment projects in the other sectors were completed between eight and 65 months after they had been approved.

³ The reason that 100 per cent of funds have not been disbursed for completed projects is that it may take from six months to one year to finalise accounting records.

7. Almost all projects were implemented by the agency concerned rather than through national implementation. Agency implementation of non-investment projects normally does not require legal agreements, which may explain the shorter period of time (37 months) compared with nationally-implemented non-investment projects (40 months).

Completed project preparation activities

8. Table 4 presents data on cumulative completed project preparation activities. Since 1991, 1,871 preparation activities have been completed at a total value of US \$98.13 million.

Table 4. Cumulative completed project preparation activities

Item	Number of projects	Approved funds plus adjustment (US\$)	Per cent of funds disbursed (%)	Average number of months from approval to first disbursement	Average number of months from approval to completion
TOTAL	1,871	98,128,577	98	8	24
Region					
Africa	504	18,922,276	97	9	26
Asia & Pacific	698	46,202,097	99	8	23
Europe	132	6,041,981	99	7	23
Latin America and Caribbean	518	25,351,798	98	7	22
Global	19	1,610,425	100	5	16
Sector					
Aerosol	45	1,254,278	100	6	17
Destruction	18	818,719	100	13	40
Energy efficiency	1	30,000	40	5	12
Fire fighting	0	0	0	n/a	n/a
Foam	264	11,330,716	100	6	21
Fumigants	118	2,993,886	100	5	17
Halon	27	836,728	100	6	19
HFC phase-down plan	90	9,810,116	86	11	29
Multiple sectors	3	139,440	100	3	34
Other	2	240,747	100	11	35
Phase-out plan	546	30,307,696	99%	11	32
Process agent	9	694,384	100	9	19
Production	13	1,406,211	100	7	15
Refrigeration	394	14,163,567	100	7	21
Several	283	21,969,992	100	4	15
Solvents	57	2,127,098	100	6	25
Sterilant	1	5,000	100	1	9
Implementation characteristics					
Agency implementation	1,617	79,819,874	99	7	23
National implementation	254	18,308,703	97	11	30
Disbursement method					
During implementation	1,860	96,497,116	98	8	24
After implementation	6	899,752	100	7	21
Retroactive funding	0	0	0	n/a	n/a
Country to final beneficiaries	5	731,709	100	5	27

9. The average time from approval to first disbursement for project preparation activities is eight months. Preparation activities have been completed, on average, 24 months after they were approved. Overall, 98 per cent of the funds approved for completed preparation activities have been disbursed.

Ongoing projects

10. A total of 1,017 projects were under implementation at the end of 2024. Tables 5 to 7 present information on ongoing investment, non-investment and project preparation activities.

Ongoing investment projects

11. Table 5 presents information on the status of investment projects under implementation by region, sector, and implementation characteristics.

Table 5. Cumulative ongoing investment projects

Item	Number of projects	Approved funds plus adjustment (US \$)	Per cent of funds disbursed (%)	Number of projects disbursing	Per cent of projects disbursing (%)	Average number of months from approval to first disbursement	Average number of months from approval to planned completion	Average length of delay in project planned completion	Overall cost-effectiveness to the Fund (US\$/kg.)*
TOTAL	343	327,073,460	39	181	53	11	47	19	12.46
Region									
Africa	104	47,933,765	37	61	59	12	50	17	23.81
Asia & Pacific	124	214,121,035	46	62	50	11	50	28	11.05
Europe	24	9,880,571	37	17	71	7	48	16	12.61
Latin America and Caribbean	91	55,138,089	12	41	45	10	40	11	13.55
Global	0	0	0	0	0	0	n/a	n/a	n/a
Sector									
Aerosol	0	0	0	0	0	n/a	n/a	n/a	n/a
Destruction	0	0	0	0	0	n/a	n/a	n/a	n/a
Energy efficiency	7	2,435,957	0	0	0	n/a	38	(2)	n/a
Fire fighting	0	0	0	0	0	n/a	n/a	n/a	n/a
Foam	0	0	0	0	0	n/a	n/a	n/a	n/a
Fumigants	0	0	0	0	0	n/a	n/a	n/a	n/a
Halon	0	0	0	0	0	n/a	n/a	n/a	n/a
HFC phase-down plan	92	37,666,976	1	23	25	5	36	1	5.48
Multiple sectors	0	0	0	0	0	n/a	n/a	n/a	n/a
Other	0	0	0	0	0	n/a	n/a	n/a	n/a
Phase-out plan	237	215,810,716	36	152	64	11	50	21	25.66
Process agent	0	0	0	0	0	n/a	n/a	n/a	n/a
Production	3	66,997,213	67	2	67	17	50	72	6.30
Refrigeration	4	4,162,598	96	4	100	32	117	93	12.74
Solvents	0	0	0	0	0	n/a	n/a	n/a	n/a
Sterilant	0	0	0	0	0	n/a	n/a	n/a	n/a
Implementation characteristics									
Agency implementation	234	205,879,503	31	154	66	10	51	18	12.88
National implementation	109	121,193,957	51	27	25	17	39	27	11.81
Disbursement method									
During implementation	332	225,255,157	18	170	51	11	47	18	12.83
After implementation	0	0	0	0	0	n/a	n/a	n/a	n/a
Retroactive funding	0	0	0	0	0	n/a	n/a	n/a	n/a
Country to final beneficiaries	11	101,818,303	83	11	100	9	60	37	11.71

*Based on the ODS to be phased out according to the proposal.

12. There are currently 343 investment projects under implementation at a total value of over US \$327.07 million. Around 39 per cent of the funds have already been disbursed. The overall average cost-effectiveness of ongoing investment projects is US \$12.46/kg ODP to be phased out. The average number of months from approval to first disbursement is 11 months. The average duration of an ongoing investment project is 47 months. Typically, ongoing investment projects are completed 19 months later than originally planned, which could be considered the average delay.

Ongoing non-investment projects

13. Table 6 presents information on the status of non-investment projects under implementation by region, sector, and implementation characteristic.

Table 6. Cumulative ongoing non-investment projects

Item	Number of projects	Approved funds plus adjustment (US \$)	Per cent of funds disbursed	Number of projects disbursing	Per cent of projects disbursing	Average number of months from approval to first disbursement	Average number of months from approval to planned completion	Average length of delay in project planned completion
TOTAL	451	101,451,374	16	176	39	15	42	5
Region								
Africa	154	23,468,507	15	51	33	18	39	5
Asia & Pacific	167	44,096,962	18	68	41	17	47	6
Europe	26	4,679,441	28	18	69	8	36	4
Latin America and Caribbean	99	17,221,734	18	37	37	13	40	6
Global	5	11,984,730	4	2	40	9	17	3
Sector								
Aerosol	0	0	0	0	0	n/a	n/a	n/a
Destruction	0	0	0	0	0	n/a	n/a	n/a
Energy efficiency	78	11,026,434	8	28	36	7	41	1
Fire fighting	0	0	0	0	0	n/a	n/a	n/a
Foam	0	0	0	0	0	n/a	n/a	n/a
Fumigants	0	0	0	0	0	n/a	n/a	n/a
Halon	0	0	0	0	0	n/a	n/a	n/a
HFC phase-down plan	51	3,593,901	1	3	6	13	36	n/a
Multiple sectors	0	0	0	0	0	n/a	n/a	n/a
Other	0	0	0	0	0	n/a	n/a	n/a
Phase-out plan	164	34,216,997	25	76	46	19	46	10
Process agent	0	0	0	0	0	n/a	n/a	n/a
Production	1	30,000	0	0	0	n/a	12	n/a
Refrigeration	0	0	0	0	0	n/a	n/a	n/a
Several	157	52,584,042	13	69	44	15	39	5
Solvents	0	0	0	0	0	n/a	n/a	n/a
Sterilant	0	0	0	0	0	n/a	n/a	n/a
Implementation characteristics								
Agency implementation	391	80,334,236	15	148	38	16	42	5
National implementation	60	21,117,138	22	28	47	10	39	6
Disbursement method								
During implementation	451	101,451,374	16	176	39	15	42	5
After implementation	0	0	0	0	0	n/a	n/a	n/a
Retroactive funding	0	0	0	0	0	n/a	n/a	n/a
Country to final beneficiaries	0	0	0	0	0	n/a	n/a	n/a

14. There are currently 451 non-investment projects under implementation at a total value of US \$101.45 million, with 16 per cent of the funds already disbursed. The average number of months from approval to first disbursement is 15 months. On average, ongoing non-investment projects are completed 42 months from the date of approval, which represents a delay of five months.

Ongoing project preparation activities

15. Table 7 presents information on the status of project preparation activities under implementation by region, sector, and implementation characteristic.

Table 7. Cumulative ongoing project preparation activities

Item	Number of projects	Approved funds plus adjustment (US\$)	Funds disbursed (US\$)	Per cent of funds disbursed (%)	Average number of months from approval to first disbursement	Average number of months from approval to planned completion	Average length of delay in project planned completion
TOTAL	223	17,733,000	3,946,964	22	10	32	8
Region							
Africa	92	7,278,000	1,989,849	27	10	35	12
Asia & Pacific	65	5,109,000	794,635	16	13	29	6
Europe	17	1,480,000	394,265	27	9	29	5
Latin America and Caribbean	48	3,786,000	768,216	20	7	30	6
Global	1	80,000	0	0	n/a	19	6
Sector							
Aerosol	0	0	0	0	n/a	n/a	n/a
Destruction	92	7,455,000	369,525	5	7	28	4
Energy efficiency	12	633,000	52,497	8	5	19	2
Fire fighting	0	0	0	0	n/a	n/a	n/a
Foam	0	0	0	0	n/a	n/a	n/a
Fumigants	0	0	0	0	n/a	n/a	n/a
Halon	0	0	0	0	n/a	n/a	n/a
HFC phase-down plan	87	8,525,000	3,403,438	40	10	37	12
Multiple sectors	0	0	0	0	n/a	n/a	n/a
Other	0	0	0	0	n/a	n/a	n/a
Phase-out plan	32	1,120,000	121,505	11	18	34	13
Process agent	0	0	0	0	n/a	n/a	n/a
Production	0	0	0	0	n/a	n/a	n/a
Refrigeration	0	0	0	0	n/a	n/a	n/a
Several	0	0	0	0	n/a	n/a	n/a
Solvents	0	0	0	0	n/a	n/a	n/a
Sterilant	0	0	0	0	n/a	n/a	n/a
Implementation characteristics							
Agency implementation	188	15,447,500	3,655,226	24	10	32	8
National implementation	35	2,285,500	291,738	13	9	31	9
Disbursement method							
During implementation	222	17,708,000	3,934,129	22	10	32	8
After implementation	0	0	0	0	n/a	n/a	n/a
Retroactive funding	0	0	0	0	n/a	n/a	n/a
Country to final beneficiaries	1	25,000	12,835	51	2	13	n/a

16. There are currently 223 project preparation activities under implementation at a total value of US \$17.73 million, with 22 per cent of the funds already disbursed. The average number of months from approval to first disbursement is 10 months. On average, ongoing preparation activities are completed 32 months from the date of approval, which represents a delay of eight months.

Closed projects

17. Table 8 presents a summary of closed projects. Since 1991, 291 projects have been closed at a total value of US \$15.28 million.

Table 8. Closed projects summary

Agency	Number of projects	Approved funding plus adjustment (US\$)	Funds disbursed (US \$)	Balances (US\$)	Consumption ODP to be phased out	Consumption ODP phased out
UNDP	81	6,895,392	6,895,392	0	673	636
UNEP	22	341,325	195,325	146,000	12	12
UNIDO	68	6,446,674	6,446,674	0	1,808	367
World Bank	101	1,373,519	1,373,519	0	657	581
Bilaterals	19	227,901	227,901	0	223	0
Total	291	15,284,810	15,138,811	145,999	3,373	1,595

Annex III

AN OVERVIEW OF HFC-RELATED PROJECTS AND ACTIVITIES

1. Since its 80th meeting, the Executive Committee has approved funding for the implementation of HFC demonstration and investment projects (decisions 78/3(g), 79/45, 91/65 and 94/60) and enabling activities to help national ozone units fulfil their initial obligations with regard to HFC phase-down in line with the Kigali Amendment (decision 79/46).

2. As of 31 December 2024, the Executive Committee has approved 545 HFC-related projects and activities in 140 countries and two regions, consisting of 200 requests for project preparation, 19 investment projects, 140 projects for Kigali HFC implementation plans (KIPs), one technical assistance project, 158 enabling activities, 23 projects for energy efficiency and four HFC-23 emission control projects, amounting to US \$102.48 million (excluding support costs).

3. Table 1 presents an overview of all HFC-related projects and activities under the Multilateral Fund, irrespective of their source of funding, at the country level, indicating the status of ratification of the Kigali Amendment and the status of the HFC licensing system.

Table 1. Overview of all HFC-related projects and activities under the Multilateral Fund

Country	Group	Ratification of Kigali Amendment	Implementation of licensing system	Funds approved for (US \$)						
				Enabling activities	Energy efficiency	HFC-23 emission control	Investment projects	KIP	Project preparation	Technical assistance
Afghanistan	I			136,888						
Albania	I	Yes	√	94,978				179,390	128,367	
Algeria	I			150,000						
Angola	I	Yes	Pending	142,397					170,000	
Antigua and Barbuda	I									
Argentina	I	Yes	√	250,000		1,527,851	7,538,348		294,816	
Armenia	I	Yes	√	149,639				165,075	170,000	
Bahamas (the)	I	Yes	√	95,000					130,000	
Bahrain	II	Yes	√	140,240						
Bangladesh	I	Yes	√	135,667			3,131,610		190,000	
Barbados	I	Yes	√						130,000	
Belize	I	Yes	√	95,000					130,000	
Benin	I	Yes	√	128,885				177,500	190,000	
Bhutan	I	Yes	√	49,654					100,000	
Bolivia (Plurinational State of)	I	Yes	√	150,000	96,000			194,000	165,406	
Bosnia and Herzegovina	I	Yes	√	94,920					130,000	
Botswana	I	Yes	√	96,648					170,000	
Brazil	I	Yes	√						230,000	
Brunei Darussalam	I	Yes	Pending	119,812						
Burkina Faso	I	Yes	√	145,443				162,500	190,000	
Burundi	I	Yes	√	100,000					170,000	
Cabo Verde	I	Yes	√	79,038					130,000	
Cambodia	I	Yes	√	147,918				250,110	170,000	
Cameroon	I	Yes	√	149,324	120,000			355,500	190,000	
Central African Republic (the)	I									
Chad	I	Yes	√	130,200				216,000	170,000	
Chile	I	Yes	√	131,337				876,507	207,325	

Country	Group	Ratification of Kigali Amendment	Implementa- tion of licensing system	Funds approved for (US \$)						
				Enabling activities	Energy efficiency	HFC-23 emission control	Investment projects	KIP	Project preparation	Technical assistance
China	I	Yes	√	244,685			1,274,967		47,687	
Colombia	I	Yes	√	246,344	506,319			2,813,811	420,000	
Comoros (the)	I	Yes	√	45,242					100,000	
Congo (the)	I	Yes	√	149,841				81,500	170,000	
Cook Islands (the)	I	Yes	√	47,711				23,250		
Costa Rica	I	Yes	√	144,830	260,000			370,968	170,000	
Cote d'Ivoire	I	Yes	√	135,605					190,000	
Cuba	I	Yes	√	146,408				160,000	170,000	
Democratic People's Republic of Korea (the)	I	Yes	√							
Democratic Republic of the Congo (the)	I			132,234						
Djibouti	I	Yes	Pending	22,422						
Dominica	I			40,000						
Dominican Republic (the)	I	Yes	√	149,518			129,801	535,930	201,572	
Ecuador	I	Yes	√	120,725			267,885	292,600	214,127	
Egypt	I	Yes	√	246,050	285,000				387,964	
El Salvador	I	Yes	√	149,478	125,000			180,000	170,000	
Equatorial Guinea	I			113,154						
Eritrea	I	Yes	√	92,822					130,000	
Eswatini (the Kingdom of)	I	Yes	√	94,509				63,500	130,000	
Ethiopia	I	Yes	√	94,208					130,000	
Fiji	I	Yes	√	147,699					130,000	
Gabon	I	Yes	√	134,202					190,000	
Gambia (the)	I	Yes	√	94,947				80,150	130,000	
Georgia	I	Yes	√	95,000					130,000	
Ghana	I	Yes	√	149,425				188,000	189,590	
Grenada	I	Yes	√	46,491				72,500	100,000	
Guatemala	I	Yes	√	128,267				261,019	170,000	
Guinea	I	Yes	√	100,000					190,000	
Guinea-Bissau	I	Yes	√	70,803					130,000	
Guyana	I			55,000						
Haiti	I			95,000						
Honduras	I	Yes	√	149,931	278,068			296,918	170,000	
India	II	Yes	√	250,000	2,003,795		846,326		150,000	
Indonesia	I	Yes	√	246,666					300,000	
Iran (Islamic Republic of)	II			218,404						
Iraq	II			168,030						
Jamaica	I			145,083						
Jordan	I	Yes	√	127,708			1,637,610	2,540,680	190,000	
Kenya	I	Yes	√	149,348					220,000	
Kiribati	I	Yes	√	32,898				15,000		
Kuwait	II	Yes	√	138,000						
Kyrgyzstan	I	Yes	√	95,000	206,000			81,000	130,000	
Lao People's Democratic Republic (the)	I	Yes	√	54,082				110,000	130,000	
Lebanon	I	Yes	√	149,979			1,039,874		317,894	
Lesotho	I	Yes	√	94,532				82,000	130,000	
Liberia	I	Yes	√	95,000				72,500	130,000	
Libya	I			147,508						
Madagascar	I			115,554						
Malawi	I	Yes	√	149,954				68,000	167,662	

Country	Group	Ratification of Kigali Amendment	Implementation of licensing system	Funds approved for (US \$)						
				Enabling activities	Energy efficiency	HFC-23 emission control	Investment projects	KIP	Project preparation	Technical assistance
Malaysia	I	Yes	√	250,000	915,689			3,042,912	360,000	
Maldives	I	Yes	√	94,801					130,000	
Mali	I	Yes	√	148,069					170,000	
Marshall Islands (the)	I	Yes	√	37,583				11,750		
Mauritania	I		√	102,338						
Mauritius	I	Yes	√	139,622				103,000	170,000	
Mexico	I	Yes	√	240,755	938,620	1,140,368	3,756,960	6,746,923	422,343	
Micronesia (Federated States of)	I	Yes	√	48,247				63,500		
Mongolia	I	Yes	√	92,866					210,000	
Montenegro	I	Yes	√	49,973	120,000			115,050	100,000	
Morocco	I	Yes	√	94,725			352,985		220,000	
Mozambique	I	Yes	√	149,330				169,500	170,000	
Myanmar	I			53,623						
Namibia	I	Yes	√	147,673					170,000	
Nauru	I	Yes	√	34,339				10,500		
Nepal	I	Yes	√	48,984						
Nicaragua	I	Yes	√	150,000	66,000			199,000	168,385	
Niger (the)	I	Yes	√	148,244				150,000	170,000	
Nigeria	I	Yes	√	245,868	145,000			2,738,360	219,570	
Niue	I	Yes	√	33,863				9,250		
North Macedonia	I	Yes	√	95,000				103,555	130,000	
Oman	II	Yes	Pending	129,061					190,000	
Pakistan	II			247,420						
Palau	I	Yes	√	25,000				57,500		
Panama	I	Yes	√	149,825				331,100	190,000	
Papua New Guinea	I	Yes	√	95,000					130,000	
Paraguay	I	Yes	√	143,084				235,675	170,000	
Peru	I	Yes	√	147,582	115,000			283,140	190,000	
Philippines (the)	I	Yes	√	207,289					220,000	
Qatar	II			150,000						
Republic of Moldova (the)	I	Yes	√	38,716					130,000	
Rwanda	I	Yes	√	91,190				75,900	130,000	
Saint Kitts and Nevis	I	Yes	Pending	50,000						
Saint Lucia	I	Yes	√	57,000				70,000	130,000	
Saint Vincent and the Grenadines	I	Yes	√	50,000					100,000	
Samoa	I	Yes	√	49,018				66,000		
Sao Tome and Principe	I	Yes	√	83,915					130,000	
Saudi Arabia	II	Yes	Pending	193,170						
Senegal	I	Yes	√	137,814				295,500	190,000	
Serbia	I	Yes	√	143,900					170,000	
Seychelles	I	Yes	√	95,000				81,680	130,000	
Sierra Leone	I	Yes	√	94,741				86,500	160,000	
Solomon Islands	I	Yes	√	88,655				74,125		
Somalia	I	Yes	√	144,313					170,000	
South Africa	I	Yes	√	193,367	350,000				220,000	
South Sudan	I			94,791						
Sri Lanka	I	Yes	√	149,023	245,700				250,000	
Sudan (the)	I			143,823					30,000	
Suriname	I			65,650						
Syrian Arab Republic (the)	I	Yes	√	199,235					216,790	

Country	Group	Ratification of Kigali Amendment	Implemen- tation of licensing system	Funds approved for (US \$)						
				Enabling activities	Energy efficiency	HFC-23 emission control	Investment projects	KIP	Project preparation	Technical assistance
Thailand	I	Yes	√	247,414			183,514		400,000	
Timor-Leste	I			46,669						
Togo	I	Yes	√	129,488				187,500	200,000	
Tonga	I	Yes	√	48,745				60,750		
Trinidad and Tobago	I	Yes	√	145,733				543,249	190,000	
Tunisia	I	Yes	√	149,990	170,000			1,576,566	190,000	
Türkiye	I	Yes	√	194,675				2,789,430	370,000	
Turkmenistan	I	Yes	√	148,955	142,000			116,000	170,000	
Tuvalu	I	Yes	√	25,631				12,250		
Uganda	I	Yes	√	49,763	435,200				130,000	
United Republic of Tanzania (the)	I	Yes	√	94,185					130,000	
Uruguay	I	Yes	√	148,496	300,000			176,787	190,000	
Vanuatu	I	Yes	√	46,845				31,625		
Venezuela (Bolivarian Republic of)	I	Yes	√	250,000					220,000	
Viet Nam	I	Yes	√	249,238				2,019,488	250,000	
Yemen	I									
Zambia	I	Yes	√	94,254					130,000	
Zimbabwe	I	Yes	√	140,551			426,954	241,500	189,909	
Region: ASP								542,500	780,000	
Global										793400
Total				17,047,398	7,823,391	2,668,219	20,586,834	34,383,973	19,179,406	793,400

Annex IV

**HCFC PHASE-OUT MANAGEMENT PLAN BY COUNTRY
AS AT 31 DECEMBER 2024**

Country	Approved phase-out (ODP tonnes)	Funds approved (US\$)	Funds disbursed (US\$)	Balance (US\$)	Funds disbursed (%)
Afghanistan	8.4	884,821	518,951	365,870	59
Albania	4.1	659,960	523,936	136,024	79
Algeria	35.6	3,396,304	1,239,334	2,156,970	36
Angola	10.8	989,326	720,164	269,162	73
Antigua and Barbuda	0.0	27,235	27,235	0	100
Argentina	187.7	19,202,563	13,749,572	5,452,991	72
Armenia	3.5	675,496	675,496	0	100
Bahamas (the)	3.2	481,754	349,918	131,836	73
Bahrain	50.0	1,646,002	1,557,483	88,519	95
Bangladesh	47.2	6,999,625	5,629,665	1,369,960	80
Barbados	2.5	439,178	278,178	161,000	63
Belize	2.0	689,100	368,850	320,250	54
Benin	16.0	1,070,778	761,911	308,867	71
Bhutan	0.3	569,349	422,349	147,000	74
Bolivia (Plurinational State of)	4.2	784,659	547,796	236,863	70
Bosnia and Herzegovina	8.2	1,353,692	1,024,817	328,875	76
Botswana	3.8	694,011	614,183	79,829	88
Brazil	654.6	53,454,103	41,229,420	12,224,683	77
Brunei Darussalam	3.0	462,672	359,839	102,833	78
Burkina Faso	7.2	1,073,630	703,869	369,761	66
Burundi	1.7	545,179	329,579	215,600	60
Cabo Verde	0.1	332,834	248,264	84,570	75
Cambodia	7.8	1,470,000	1,280,708	189,291	87
Cameroon	34.7	2,441,520	1,810,224	631,296	74
Central African Republic (the)	0.0	45,000	45,000	0	100
Chad	10.9	887,542	693,006	194,536	78
Chile	83.5	5,835,924	5,154,296	681,629	88
China	11,451.3	458,759,231	417,275,052	41,484,178	91
Colombia	201.2	12,726,829	11,885,988	840,841	93
Comoros (the)	0.1	309,653	159,653	150,000	52
Congo (the)	7.1	692,030	317,180	374,850	46
Cook Islands (the)	0.0	399,881	118,114	281,767	30
Costa Rica	24.2	2,142,204	1,534,320	607,884	72
Cote d'Ivoire	42.4	3,214,722	1,831,088	1,383,634	57
Croatia	6.1	801,942	801,942	0	100
Cuba	19.3	2,387,320	2,072,445	314,875	87
Democratic People's Republic of Korea (the)	19.4	628,132	281,520	346,612	45
Democratic Republic of the Congo (the)	9.4	832,524	569,668	262,856	68
Djibouti	0.2	164,405	164,405	0	100
Dominica	0.1	164,500	143,600	20,900	87
Dominican Republic (the)	26.6	4,902,859	3,900,022	1,002,837	80
Ecuador	35.6	3,067,511	2,680,176	387,335	87
Egypt	350.3	27,996,564	22,344,244	5,652,320	80
El Salvador	12.9	1,236,119	1,122,846	113,274	91
Equatorial Guinea	0.9	278,267	278,180	87	100

Country	Approved phase-out (ODP tonnes)	Funds approved (US\$)	Funds disbursed (US\$)	Balance (US\$)	Funds disbursed (%)
Eritrea	0.7	429,559	384,854	44,705	90
Eswatini (the Kingdom of)	8.9	1,331,931	901,931	430,000	68
Ethiopia	1.9	507,127	454,470	52,657	90
Fiji	2.0	602,758	358,072	244,686	59
Gabon	20.4	870,641	547,362	323,280	63
Gambia (the)	1.1	686,599	345,623	340,975	50
Georgia	3.8	921,778	665,732	256,046	72
Ghana	53.7	2,325,355	1,908,221	417,134	82
Grenada	0.5	481,289	229,197	252,092	48
Guatemala	7.0	911,628	628,811	282,817	69
Guinea	4.2	658,941	517,942	141,000	79
Guinea-Bissau	1.9	532,349	255,849	276,500	48
Guyana	1.1	681,602	357,602	324,000	52
Haiti	0.4	116,291	116,291	0	100
Honduras	12.2	1,160,962	915,576	245,386	79
India	1,237.1	75,924,866	56,969,562	18,955,304	75
Indonesia	275.1	20,366,731	14,732,255	5,634,476	72
Iran (Islamic Republic of)	315.9	19,165,187	15,939,921	3,225,266	83
Iraq	22.0	2,051,270	1,273,906	777,364	62
Jamaica	11.8	1,036,797	667,133	369,664	64
Jordan	72.9	7,178,298	5,999,007	1,179,290	84
Kenya	14.1	1,973,000	1,401,355	571,645	71
Kiribati	0.0	500,100	105,479	394,621	21
Kuwait	322.7	11,637,046	9,749,029	1,888,017	84
Kyrgyzstan	3.3	799,488	799,488	0	100
Lao People's Democratic Republic (the)	1.5	683,925	424,793	259,132	62
Lebanon	73.6	7,113,759	6,542,060	571,699	92
Lesotho	0.5	711,300	415,313	295,987	58
Liberia	3.7	666,595	392,650	273,945	59
Libya	37.6	2,124,790	1,309,070	815,720	62
Madagascar	12.8	865,923	647,175	218,747	75
Malawi	7.3	983,487	793,768	189,719	81
Malaysia	338.8	21,268,112	15,327,487	5,940,625	72
Maldives	0.6	1,081,613	1,081,613	0	100
Mali	5.2	542,523	514,523	28,000	95
Marshall Islands (the)	0.2	316,430	116,553	199,876	37
Mauritania	4.4	521,595	255,541	266,054	49
Mauritius	3.1	902,500	583,475	319,025	65
Mexico	704.4	33,240,259	27,396,328	5,843,931	82
Micronesia (Federated States of)	0.2	562,458	155,974	406,484	28
Mongolia	1.1	835,769	454,069	381,700	54
Montenegro	0.8	969,593	651,961	317,632	67
Morocco	35.6	2,299,926	1,589,954	709,972	69
Mozambique	3.9	702,144	319,599	382,545	46
Myanmar	0.4	174,040	174,040	0	100
Namibia	8.2	930,000	724,441	205,559	78
Nauru	0.0	214,804	67,648	147,156	31
Nepal	1.2	592,854	278,965	313,889	47
Nicaragua	5.2	723,572	582,279	141,292	80
Niger (the)	10.8	910,340	669,448	240,892	74
Nigeria	264.1	15,347,246	10,942,579	4,404,667	71
Niue	0.0	180,659	71,459	109,200	40

Country	Approved phase-out (ODP tonnes)	Funds approved (US\$)	Funds disbursed (US\$)	Balance (US\$)	Funds disbursed (%)
North Macedonia	2.6	1,438,851	1,231,236	207,615	86
Oman	24.1	1,636,375	1,237,648	398,727	76
Pakistan	193.5	14,730,023	10,995,376	3,734,647	75
Palau	0.2	419,500	134,000	285,500	32
Panama	19.7	1,715,241	1,298,738	416,503	76
Papua New Guinea	3.4	1,125,000	1,047,606	77,394	93
Paraguay	13.5	1,393,157	812,126	581,031	58
Peru	32.9	1,794,534	1,109,839	684,695	62
Philippines (the)	91.1	5,965,242	3,315,859	2,649,382	56
Qatar	23.9	1,635,441	1,253,662	381,779	77
Republic of Moldova (the)	0.9	561,606	342,871	218,735	61
Rwanda	3.1	736,455	417,874	318,581	57
Saint Kitts and Nevis	0.3	164,442	164,442	0	100
Saint Lucia	0.8	713,393	275,604	437,789	39
Saint Vincent and the Grenadines	0.2	521,951	350,995	170,956	67
Samoa	0.2	532,950	200,586	332,364	38
Sao Tome and Principe	0.1	154,727	154,727	0	100
Saudi Arabia	551.0	13,111,757	7,172,831	5,938,926	55
Senegal	3.6	872,663	729,036	143,627	84
Serbia	7.9	1,225,790	1,061,034	164,756	87
Seychelles	1.4	640,000	410,923	229,077	64
Sierra Leone	1.2	718,530	413,767	304,763	58
Solomon Islands	1.8	710,004	254,950	455,054	36
Somalia	7.6	991,712	377,405	614,306	38
South Africa	243.1	9,481,572	6,911,984	2,569,588	73
South Sudan	0.5	140,500	90,500	50,000	64
Sri Lanka	16.2	1,548,741	813,493	735,248	53
Sudan (the)	49.0	4,330,964	2,713,221	1,617,744	63
Suriname	1.3	425,459	175,859	249,600	41
Syrian Arab Republic (the)	44.8	4,316,733	1,879,381	2,437,352	44
Thailand	284.5	20,540,540	18,726,545	1,813,995	91
Timor-Leste	1.2	672,670	492,592	180,078	73
Togo	13.5	952,823	729,779	223,044	77
Tonga	0.1	491,659	195,850	295,809	40
Trinidad and Tobago	31.2	2,596,444	1,987,682	608,762	77
Tunisia	29.7	2,284,799	1,743,366	541,433	76
Türkiye	564.4	13,264,790	11,826,389	1,438,401	89
Turkmenistan	4.6	916,112	879,241	36,872	96
Tuvalu	0.1	246,969	96,564	150,405	39
Uganda	0.0	521,875	266,823	255,052	51
United Republic of Tanzania (the)	1.1	462,271	391,870	70,401	85
Uruguay	22.7	2,281,080	1,505,045	776,035	66
Vanuatu	0.3	613,850	183,741	430,109	30
Venezuela (Bolivarian Republic of)	76.0	3,220,110	2,980,697	239,413	93
Viet Nam	317.3	17,449,332	14,144,703	3,304,629	81
Zambia	3.4	821,956	442,483	379,473	54
Zimbabwe	18.0	1,751,318	1,453,923	297,395	83
Region: ASP	0.0	2,147,298	743,231	1,404,066	35
Total	20,026.0	1,021,123,963	843,190,015	177,933,949	83