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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)(ii) of the provisional agenda¹

PROGRESS REPORT OF BILATERAL COOPERATION AS AT 31 DECEMBER 2024**Introduction**

1. The following non-Article 5 countries currently involved in bilateral cooperation activities submitted progress report² databases: Australia, Austria, France, Germany, Italy, Japan, Spain and the United Kingdom of Great Britain and Northern Ireland. Additional data from earlier progress reports for other non-Article 5 countries previously involved in bilateral cooperation,³ covering data for the projects already reported as financially completed, are included in the consolidated progress report.⁴

2. The progress report of the bilateral cooperation⁵ includes the status of implementation of projects, including HFC-related projects that have been funded under the additional voluntary contributions by 17 non-Article 5 Parties to provide fast-start support for the implementation of the Kigali Amendment.

3. The Secretariat reviewed the status of implementation of each ongoing project on a country-by-country basis, taking into account implementation delays that have occurred with respect to planned completion dates that had been reported in 2024, the potential impact of these delays on the phase-out of controlled substances and the rate of planned disbursements. The analysis contained in the 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.⁶

¹ UNEP/OzL.Pro/ExCom/97/1

² Progress reports are the only means for indicating the final closure of all funding accounts associated with projects approved by the Executive Committee for bilateral cooperation.

³ Belgium, the Czech Republic, Denmark, Finland, Hungary, Israel, Poland, Portugal, the Russian Federation, Singapore, the Slovak Republic, South Africa, Sweden, Switzerland, and the United States of America.

⁴ UNEP/OzL.Pro/ExCom/97/11

⁵ The data has been included in the Consolidated Progress Report database, which is provided on the 97th meeting portal on the Multilateral Fund's website, in the spreadsheet programme, Microsoft Excel.

⁶ 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.

4. This document presents a summary of progress in implementation of projects for 2024 and cumulative since 1992 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 Committee. 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.

Progress in implementation of projects for 2024 and cumulative since 1992

5. As of 31 December 2024, the Executive Committee had approved US \$201.73 million in projects for the bilateral agencies, consisting of US \$183.69 million for the implementation of investment and non-investment projects and US \$18.04 million for agency support costs, as shown in table 1.

Table 1. Approved funding by sector for bilateral agencies as at 31 December 2024

Sector	Funding (US \$)
Aerosol	2,051,914
Destruction	2,046,282
Energy efficiency	3,315,995
Foam	8,093,731
Halon	6,147,361
HFC phase-down plan	1,812,669
Fumigants	18,226,925
Phase-out plan	83,336,518
Production	10,000,000
Refrigeration	40,910,116
Several	5,239,718
Solvents	2,512,738
Sub-total	183,693,966
Agency support costs	18,039,532
Total	201,733,499

6. In 2024, 21 new projects and activities were approved. This level of funding is expected to result in the phase-out of 10,601 ODP tonnes of consumption of ODS and 226.3 mt (405,080 CO₂-eq tonnes) of consumption of HFCs. Annex I shows the status of project implementation per country in 2024.

7. Table 2 shows the status of project implementation including fund disbursement per project type as at 31 December 2024. Annex II presents analytical information per year since 1992.

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	9	9	100	340,787	340,787	0	100
Demonstration	39	38	97	11,263,226	9,439,431	1,823,795	84
Institutional strengthening (IS)	7	7	100	883,376	883,376	0	100
Investment	270	228	84	126,458,757	110,840,982	15,617,775	88

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.

Type	Number of projects*			Funding (US \$)**			
	Approved	Completed	% completed	Approved	Disbursed	Balance	% disbursed
Project preparation	145	128	88	7,085,111	5,964,843	1,120,268	84
Technical assistance	231	218	94	29,241,293	28,226,863	1,014,430	97
Training	73	73	100	8,421,416	8,421,416	0	100
Total	774	701	91	183,693,966	164,117,699	19,576,268	89

* Excludes closed and transferred projects.

** Excludes agency support costs.

8. Implementation of projects and activities by the bilateral agencies for 2024 and cumulative since 1992 up to 31 December 2024 is summarized as follows and in table 3:

- (a) **Phase-out:**⁸ In 2024, 71.1 ODP tonnes of consumption of ODS were phased out⁹ and an additional 125.9 ODP tonnes of consumption of ODS and 177.4 mt (334,976 CO₂-eq tonnes) of consumption of HFCs were approved for phase-out. Since 1992, 11,030 ODP tonnes had been phased out, of an expected total of 10,601 ODP tonnes of consumption of ODS and 45.5 mt (65,242 CO₂-eq tonnes) had been phased out, of an expected total of 226.3 mt (405,080 CO₂-eq tonnes) of consumption of HFCs from projects approved (excluding cancelled and transferred projects);
- (b) **Disbursements/approvals:** In 2024, US \$3.58 million was disbursed and US \$4.22 million was planned for disbursement based on the 2023 progress report, representing a rate of disbursement of 85 per cent of that planned. Cumulatively, US \$164.12 million had been disbursed out of the total US \$183.69 million approved for disbursement (excluding agency support costs), representing a rate of disbursement of 89 per cent. In 2024, US \$9 million was approved for implementation;
- (c) **Number of projects completed:** In 2024, nine projects were completed. Since 1992, 701 projects of the 774 projects approved (excluding closed or transferred projects) were completed, representing a completion rate of 91 per cent;
- (d) **Speed of delivery – investment projects:** Projects that were completed in 2024 were completed on average 53 months after their approval. Since 1992, the average time for completion of investment projects has been 43 months after their approval. First disbursements under these projects occurred, on average, 11 months after they had been approved;
- (e) **Speed of delivery – non-investment projects:** Projects that were completed in 2024 were completed 74 months after their approval. Since 1992, the average time for completion of non-investment projects has been 44 months after their approval. First disbursements under these projects occurred, on average, 13 months after they had been approved;
- (f) **Project preparation:** Of the 145 project preparation activities approved by the end of 2024, 128 have been completed, leaving 17 ongoing activities. In 2024, two preparation activities were completed;
- (g) **Implementation delays:** A total of 73 projects were under implementation at the end of 2024, experiencing, on average, a delay of 13 months. Eight of these projects are classified as “projects with implementation delays”¹⁰ that are subject to the procedures of project

⁸ Phase-out of ODS is expressed in ODP tonnes and of HFCs in mt and CO₂-eq tonnes.

⁹ No phase-out for HFC-related projects in 2024.

¹⁰ 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).

cancellation (as demonstration projects, project preparation, and IS are not subject to those procedures); and

- (h) **Multi-year agreements (MYAs):** In 2024, 26 MYAs for HCFC phase-out management plans (HPMPs) and seven MYAs for Kigali HFC implementation plans (KIPs) were under implementation. Since 1992, 100 MYAs have been approved and 67 MYAs have been completed, representing a completion rate of 67 per cent.

9. Table 3 summarizes progress made by the bilateral agencies since 1992.

Table 3. Progress made by bilateral agencies since 1992

Phase out achieved		Disbursement (US \$)	Number of projects		Speed of delivery for completion (months)		Average project delays (months)	Number of MYAs	
ODP tonnes*	CO ₂ -eq tonnes**		Approved	Completed	Investment	Non-investment		Approved	Completed
11,030	65,242	164,117,699	774	701	43	44	13	100	67

*Consumption and production of ODS.

** HFC-related projects.

HFC-related projects

10. As of 31 December 2024, the Executive Committee had approved 36 HFC-related projects (including one demonstration project, 10 investment projects, 13 project preparation activities and 12 technical assistance projects) amounting to US \$5,756,652 (excluding agency support costs). A summary of the status of these projects is presented in table 4 and the respective data has already been included in paragraphs 5 to 9.

Table 4. HFC-related projects approved

Type	Number of projects			Funding (US \$)*			
	Approved	Completed	% completed	Approved	Disbursed	Balance	% disbursed
Demonstration	1	0	0	1,853,795	30,000	1,823,795	2
Investment**	10	2	20	2,108,857	764,988	1,343,869	36
Project preparation	13	3	23	1,024,000	425,302	598,698	42
Technical assistance	12	12	100	770,000	770,000	0	100
Total	36	17	47	5,756,652	1,990,290	3,766,362	35

* Excludes agency support costs.

** 45.5 mt (65,242 CO₂-eq tonnes) of 226.3 mt (405,080 CO₂-eq tonnes) of HFCs had been phased out.

11. As of the end of 2024, of the 36 projects approved, two investment projects, three project preparation activities and 12 technical assistance projects had been completed, leaving 19 ongoing. These activities are at various stages of implementation.

12. Of the total cumulative funding approved of US \$5,756,652, US \$1,990,290 had been disbursed, representing a disbursement rate of 35 per cent.

Issues identified in project implementation in 2024

13. Further to the review process, several issues were discussed with relevant bilateral agencies and satisfactorily addressed, except for issues on eight projects classified as projects with implementation delays (including three projects related to components of MYAs that are subject to procedures for project cancellation, in line with decision 84/45(c); one HFC investment project; and four technical assistance projects). Annex III to the present document presents those projects classified with implementation delays, and the Secretariat's recommendations requesting the submission of a report to the 98th meeting.

14. In addition, an issue has been identified regarding a project for additional activities to maintain energy efficiency for the servicing sector under decision 89/6(b)). This issue is also presented in annex III. A brief description on the status of implementation and the outstanding issue are presented, and a recommendation is proposed for consideration by the Executive Committee.

15. Details of progress in implementation of projects associated with the HPMP for Namibia¹¹ (implemented by Germany), and reports on projects with specific reporting requirements¹² associated with the HPMP of the Islamic Republic of Iran (implemented by Italy) and the HPMP of Lesotho (implemented by Germany), have been submitted to the 97th meeting. Recommendations for outstanding issues for these projects, including approval of extension requests, if any, are addressed in the relevant sections of those documents. Outstanding issues for the remaining ongoing projects not included in annex III to the present document, and requests for extension of dates of completion are addressed below.

16. Of the 56 ongoing projects, excluding project preparation, 20 projects have revised planned dates of completion since the 2023 progress report.

17. In line with decision 82/11(b),¹³ France has requested the extension of the duration of one project, while Germany has requested the extension of two projects, as shown in table 5.

Table 5. Projects for which an extension of the completion dates has been requested

Country/project code	Agency	Disbursement (%)	Activities requiring additional time	Original date of completion	Date of completion requested
Conversion from HFC-134a to isobutane in the manufacture of domestic refrigerators at Capri (SME Harare)					
Zimbabwe ZIM/REF/82/INV/56	France	100	Completion of prototype of the cooling circuits, commissioning of freezer line and safety audit completion	Jun-25	Jun-26
Preparation of national inventory of banks of waste-controlled substances and development of a national plan for management of these substances (decision 91/66)					
Liberia LIR/DES/93/PRP/36	Germany	0	Recruitment of consultant, completion of data collection and analysis, and report preparation	Dec-25	Dec-26
Seychelles SEY/DES/93/PRP/31	Germany	0	Recruitment of consultant, completion of data collection and analysis, and report preparation	Dec-25	Dec-26

Recommendation

18. The Executive Committee may wish:

- To note, with appreciation, the progress reports, as at 31 December 2024, submitted by the Governments of Australia, Austria, France, Germany, Italy, Japan, Spain and the United Kingdom of Great Britain and Northern Ireland contained in document UNEP/OzL.Pro/ExCom/97/12;
- To approve the extension of the completion dates of the projects listed below to allow completion of the remaining ongoing activities, as reflected in table 5 of document UNEP/OzL.Pro/ExCom/97/12:

¹¹ UNEP/OzL.Pro/ExCom/97/64

¹² UNEP/OzL.Pro/ExCom/97/17

¹³ Any request for an extension would have to be submitted for approval by the Executive Committee in advance of the project completion date, noting that no new commitments were to be made before the extension had been approved.

- (i) To June 2026, for the conversion from HFC-134a to isobutane in the manufacture of domestic refrigerators at Capri (SME Harare) for Zimbabwe (ZIM/REF/82/INV/56) (implemented by France); and
 - (ii) To December 2026, for the preparation of national inventory of banks of waste-controlled substances and development of a national plan for management of these substances (decision 91/66) for Liberia (LIR/DES/93/PRP/36) and Seychelles (SEY/DES/93/PRP/31) (implemented by Germany); and
- (c) To approve the recommendations related to ongoing projects with specific issues contained in annex III to the present document.

Annex I

**OVERVIEW OF STATUS OF PROJECT IMPLEMENTATION FOR BILATERAL AGENCIES
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**
Argentina	0.0	0.0	40,000	0	0	0
Brazil	0.0	0.0	1,043,235	2,345,393	225	100
Burkina Faso	0.0	0.0	142,655	75,050	53	
China	0.0	0.0	587,565	64,000	11	0
Colombia	3.7	0.0	56,939	30,837	54	100
Egypt	2.4	0.0	87,504	108,504	124	100
India	16.0	0.0	578,745	60,000	10	
Indonesia	0.0	0.0	0	35,670		0
Iran (Islamic Republic of)	0.0	0.0	200,000	0	0	
Kenya	0.0	0.0	211,330	259,214	123	0
Lesotho	0.0	0.0	112,865	79,425	70	0
Liberia	0.0	0.0	123,925	50,754	41	0
Malawi	49.0	0.0	0	0		
Mauritius	0.0	0.0	219,001	111,791	51	0
Mexico	0.0	0.0	139,485	97,685	70	0
Mongolia	0.0	0.0	28,000	206	1	
Namibia	0.0	0.0	173,487	79,334	46	
Nigeria	0.0	0.0	0	0		25
Papua New Guinea	0.0	0.0	80,000	29,135	36	0
Seychelles	0.0	0.0	141,826	29,802	21	
Sierra Leone	0.0	0.0		5,000		
Togo	0.0	0.0	21,382	5,071	24	
Uganda	0.0	0.0	0	20,000		
Viet Nam	0.0	0.0	77,502	0	0	
Zimbabwe	0.0	0.0	7,204	7,204	100	0
Region: ASP	0.0	0.0	147,111	86,999	59	0
Grand total	71.1	0.0	4,219,761	3,581,074	85	25

* No phase-out in 2024 for HFC-related projects.

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

Annex II

OVERVIEW OF STATUS OF PROJECT IMPLEMENTATION FOR BILATERAL AGENCIES PER YEAR 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 1992 and 2014, 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
1992	18	18	100	2,883,669	2,883,669	0	100
1993	10	10	100	1,445,586	1,445,586	0	100
1994	30	30	100	3,190,374	3,190,374	0	100
1995	17	17	100	4,654,902	4,654,902	0	100
1996	26	26	100	3,468,211	3,468,211	0	100
1997	32	32	100	4,040,251	4,040,251	0	100
1998	39	39	100	4,108,525	4,108,525	0	100
1999	59	59	100	12,131,407	12,131,407	0	100
2000	29	29	100	4,808,878	4,808,878	0	100
2001	41	41	100	7,523,213	7,523,213	0	100
2002	61	61	100	7,910,174	7,910,174	0	100
2003	32	32	100	6,810,120	6,810,120	0	100
2004	30	30	100	15,005,412	15,005,412	0	100
2005	28	28	100	18,183,034	18,183,034	0	100
2006	25	25	100	7,128,808	7,128,808	0	100
2007	13	13	100	3,138,440	3,138,440	0	100
2008	33	33	100	7,531,037	7,531,037	-1	100
2009	21	21	100	2,347,228	2,347,228	0	100
2010	20	20	100	3,278,389	3,278,389	-1	100
2011	20	20	100	6,821,798	6,821,798	0	100
2012	11	11	100	6,594,959	6,594,959	0	100
2013	7	7	100	2,276,412	2,276,412	0	100
2014	14	14	100	1,365,834	1,365,834	0	100
2015	26	25	96	4,881,449	4,751,799	129,650	97
2016	16	13	81	5,129,894	3,891,308	1,238,586	76
2017	16	12	75	3,085,614	2,922,246	163,368	95
2018	16	14	88	7,050,550	7,046,883	3,667	100
2019	5	4	80	1,829,814	1,274,609	555,205	70
2020	12	8	67	3,986,712	3,155,879	830,833	79
2021	19	8	42	4,676,586	2,945,151	1,731,435	63
2022	4	0	0	3,257,043	454,296	2,802,747	14
2023	23	1	4	4,148,795	140,467	4,008,328	3
2024	21	0	0	9,000,849	888,399	8,112,450	10
Total	774	701	91	183,693,966	164,117,699	19,576,268	89

* 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.

Annex III

ONGOING PROJECTS WITH OUTSTANDING ISSUES IN THE PROGRESS REPORT FOR BILATERAL AGENCIES

Country/project code	Agency	Project title	Disbursement (%)	Status/Issues	Recommendation
Indonesia IDS/PHA/92/INV/221	Australia	HCFC phase-out management plan (stage III, first tranche)	7	12 months delays	To request the Government of Australia to report to the 98 th meeting on this project with implementation delays
Zimbabwe ZIM/REF/82/INV/56	France	Conversion from HFC-134a to isobutane in the manufacture of domestic refrigerators at Capri (SME Harare)	100	12 months delays	Noting decision 77/8(j), to request the Government of France to report to the 98 th meeting on this project with implementation delays
Mauritius MAR/PHA/86/INV/30	Germany	HCFC phase-out management plan (stage I, fourth tranche)	0	18 months delays	To request the Government of Germany to report to the 98 th meeting on this project with implementation delays
Mauritius MAR/PHA/88/TAS/33	Germany	Verification report on the implementation of stage I of the HCFC phase-out management plan	0	12 and 18 months delays	To request the Government of Germany to report to the 98 th meeting on this project with implementation delays
Namibia NAM/PHA/92/TAS/29	Germany	Verification report on the implementation of the HCFC phase-out management plan	0	18 months delays	To request the Government of Germany to report to the 98 th meeting on this project with implementation delays
Papua New Guinea PNG/PHA/92/TAS/17	Germany	Verification report on the implementation of stage I of the HCFC phase-out management plan	0	18 months delays	To request the Government of Germany to report to the 98 th meeting on this project with implementation delays
Seychelles SEY/PHA/92/TAS/30	Germany	Verification report on the implementation of stage I of the HCFC phase-out management plan	0	18 months delays	To request the Government of Germany to report to the 98 th meeting on this project with implementation delays
Seychelles SEY/EEF/93/TAS/32	Germany	HCFC phase-out management plan (stage I) (Additional activities to maintain energy efficiency in the servicing sector under decision 89/6(b))	1	Project delayed due to delays in recruitment of consultants	To request the Government of Germany to submit a status report to the 98 th meeting on implementation progress
Mongolia MON/PHA/86/INV/32	Japan	HCFC phase-out management plan (stage II, first tranche)	10	12 months delays	To request the Government of Japan to report to the 98 th meeting on this project with implementation delays