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EXECUTIVE COMMITTEE OF
THE MULTILATERAL FUND FOR THE
IMPLEMENTATION OF THE MONTREAL PROTOCOL
Thirty-fourth Meeting
Montreal, 18-20 July 2001

CONSOLIDATED PROGRESS REPORT

EXECUTIVE SUMMARY

The following summarises the progress of the implementation of projects and activities supported by the Multilateral Fund through 31 December 2000:

- a) **Phase-out:** 141,539 ODP tonnes have been phased out of a total of 181,109 ODP tonnes to be phased out from projects approved through 2000.
- b) **Disbursements/Approvals:** US \$720 million has been disbursed of the US \$1.02 billion approved through 2000 (excluding agency fees) representing a rate of disbursement of 70 per cent.
- c) **Number of Projects Completed:** 2,218 projects of the 3,454 projects (excluding closed or transferred projects) financed by the Fund through 2000 have been completed representing a completion rate of 70 per cent.
- d) **Speed of Delivery (Investment Projects):** On average, investment projects have been completed 30 months after they were approved by the Executive Committee, and the first disbursement on these projects occurred 16 months after they were approved.
- e) **Speed of Delivery (Non-Investment Projects):** On average, non-investment projects have been completed 26 months after approval and the first disbursement on non-investment projects occurred 8 months after approval.
- f) **Project Preparation:** 597 of the 742 project preparation activities approved through 2000 have been completed. Implementing agencies have a balance of US \$3,798,175 (including approximately US \$811,179 for completed project preparation) available for new project preparation activities additional to the US \$2.1 million approved in 2001.
- g) **Implementation Delays:** Ongoing investment projects are experiencing an average delay of 24 months. A list of 336 projects with implementation delays (excluding project preparation activities) is annexed to the report. A report on these delays will be submitted to the 35th Meeting.
- h) **Closed and Transferred Projects:** A total of 118 projects have been cancelled through 2000 of which 45 were project preparation activities. A total of 14 projects have been transferred from one agency to another.
- i) **General issues:** The Secretariat identified the following issues for Executive Committee consideration at its 34th Meeting:
 - i) Delayed submission of required report;
 - ii) Agency fee entry in the progress report data base.

CONSOLIDATED PROGRESS REPORT

1. The Consolidated Progress Report summarises progress and financial information provided by implementing and bilateral agencies both in narrative and database formats. The Secretariat combines the databases from all of the agencies to produce the report.

Data Base

2. Implementing and bilateral agencies provide detailed information about their respective shares of the 3586 projects (including closed and transferred projects) approved by the Executive Committee through December 2000 in the databases submitted to the Secretariat. 450 new projects and activities were approved in 2000. The Executive Committee requested that detailed information on a project by project basis should be submitted in a diskette form to Committee members with a printout available upon request (Decision 19/23). The database for the Consolidated Progress Report is provided on the Fund Secretariat's world wide web site (www.unmfs.org) in the spreadsheet programme, Microsoft Excel 97.

OVERVIEW OF APPROVED FUNDING

3. The Executive Committee approved over US \$1.02 billion for the implementation of investment and non-investment projects through the end of 2000. In addition, about US \$110 million has been approved for agency fees and administrative support. This level of funding is expected to result in the permanent, annual phase-out of 181,109 ODP tonnes of consumption and production. Table 1 summarises the level of approved funding by sector and agency and indicates that most of approvals of the Executive Committee have been in the refrigeration (US \$437 million) and the foam sector (US \$270 million).

Table 1

APPROVED FUNDING BY SECTOR AND AGENCY AS AT 31 DECEMBER 2000

Item	UNDP (US\$)	UNEP (US\$)	UNIDO (US\$)	World Bank (US\$)*	Bilaterals (US\$)	Grand Total (US\$)
Sector						
Aerosol	7,282,854	320,000	7,683,987	12,692,720	126,400	28,105,961
Foam	137,601,753	0	47,067,049	81,938,338	3,326,366	269,933,506
Halon	4,339,019	892,000	549,620	43,163,556	5,070,515	54,014,710
Fumigants	4,619,248	2,202,500	20,768,441	1,977,854	6,495,887	36,063,930
Multiple Sectors	0	0	0	3,912,391	0	3,912,391
Other	0	0	2,326,499	5,059,360	0	7,385,859
Process Agent	0	0	944,355	466,000	0	1,410,355
Production	0	0	0	56,842,120	0	56,842,120
Refrigeration	93,854,274	6,785,500	133,385,452	179,242,500	24,179,563	437,447,289
Severol	20,239,792	35,976,316	3,838,196	26,990,267	2,333,205	89,377,776
Solvents	18,024,178	0	8,919,884	10,257,462	1,732,098	38,933,622
Sterilant	0	0	0	395,095	0	395,095
Sub-Total	285,961,118	46,176,316	225,483,483	422,937,662	43,264,034	1,023,822,613
Agency fees/administrative costs	37,174,945	6,002,921	29,312,853	37,796,847	n/a	110,287,566
GRAND TOTAL	323,136,063	52,179,237	254,796,336	460,734,509	43,264,034	1,134,110,179

ANNUAL SUMMARIES

5. Table 2, Annual Summary, presents an overview of status by year. The data is presented according to the year when projects were approved by the Executive Committee. It treats all approvals (investment and non-investment projects) equally, i.e., an investment project of US \$1 million is considered one project as is a country programme preparation of US \$30,000.

6. Key indicators from the Annual Summary table include: the percentage of projects completed, ODP phased out, and per cent of funds disbursed. In reviewing the data on funds disbursed, it should be noted that there are four types of disbursement: during implementation, after implementation, for retroactively-financed projects, and for time-sensitive projects.

Table 2

ANNUAL SUMMARY

Year Approved	Number of Approvals *	Number Completed	Per Cent Completed	ODP to be Phased Out*	ODP Phased Out*	Per Cent of ODP Phased Out	Approved Funding (US\$)	Funds Disbursed (US\$)	Per Cent of Funds Disbursed	Balance (US\$)	Planned Commitment in Current Year (US\$)
1991	68	68	100%	571	627	110%	7,663,738	7,663,738	100%	0	0
1992	177	175	99%	19,060	23,624	124%	44,088,702	40,820,213	93%	3,268,489	375,804
1993	216	208	96%	4,376	4,915	112%	74,750,719	72,760,627	97%	1,990,092	398,411
1994	380	358	94%	19,674	18,800	96%	135,419,176	126,320,330	93%	9,098,846	4,763,011
1995	360	331	92%	13,456	12,044	90%	117,561,570	108,080,993	92%	9,480,577	3,647,072
1996	265	212	80%	9,568	7,873	82%	89,146,662	76,369,016	86%	12,777,646	8,954,100
1997	547	427	78%	42,631	32,300	76%	168,357,443	116,983,430	69%	51,374,013	25,796,401
1998	433	253	58%	22,299	17,291	78%	109,924,222	71,584,496	65%	38,339,726	20,415,033
1999	570	162	28%	28,906	17,186	59%	165,082,590	78,173,671	47%	86,908,919	31,336,310
2000	438	24	5%	20,570	6,880	33%	110,975,566	19,990,950	18%	90,984,616	34,652,744
Total	3,454	2,218	64%	181,109	141,539	78%	1,023,822,613	719,599,690	70%	304,222,923	130,338,887

* Excludes Closed and Transferred Projects

7. Of the US \$1.02 billion in approved funding (including adjustments), the agencies disbursed about US \$720 million (including bilateral agencies). Projects approved by the Executive Committee have thus far resulted in the permanent annual phase-out of 141,539 ODP tonnes of consumption and production, of which 138,544 ODP tonnes is from completed projects and 2,995 tonnes from ongoing projects. Table 2 indicates that the percent phased out in the years 1991 through 1993 exceeds 100 per cent. This is due to a greater phase-out than the amounts originally indicated in some of the project proposals.

8. All projects approved in 1991, the first year that projects were approved by the Executive Committee, have now been completed. There remain, however, two projects approved in 1992 that have not been completed: the MAC recovery and recycling project in Thailand and the institutional strengthening project in Turkey.

SUMMARY DATA BY PROJECT TYPE

9. The Executive Committee approves several different types of projects including: country programme preparation, demonstration projects, institutional strengthening, project preparation, investment projects, training projects and technical assistance. Technical assistance includes UNEP's clearing house and networking activities as well as publications, refrigerant management plans, and recovery and recycling projects. A summary of the status of projects by these various categories of projects is presented in Table 3, Summary Data by Project Type.

Table 3

SUMMARY DATA BY PROJECT TYPE

Type	Number of Approvals	Number Completed	Per Cent Completed	Approved Funding (US\$)	Adjustment (US \$)	Funds Disbursed (US \$)	Per Cent of Funds Disbursed	Balance (US\$)	Planned Commitments in Current Year (US \$)
Country Programme Preparation	139	122	88%	7,243,792	-822,820	5,736,689	89%	684,283	543,979
Demonstration Projects	78	42	54%	19,223,288	-138,927	13,135,570	69%	5,948,791	2,994,830
Institutional Strengthening Projects	208	91	44%	26,206,192	135,261	17,576,484	67%	8,764,969	4,741,724
Investment Projects	1,663	960	58%	849,078,711	-6,583,817	582,732,322	69%	259,762,573	108,163,683
Project Preparation	787	597	76%	47,519,281	-7,746,758	35,574,476	89%	4,198,047	2,112,825
Technical Assistance Projects	482	291	60%	74,394,095	-2,399,212	52,863,362	73%	19,076,520	8,551,649
Training Projects	229	115	50%	18,058,210	-289,683	11,980,787	67%	5,787,740	3,230,196
GRAND TOTAL	3,586	2,218	62%	1,041,723,569	-17,845,956	719,599,690	70%	304,222,923	130,338,887

*Includes Closed and Transferred Projects

10. 2,218 of the 3,586 projects approved by the Executive Committee (about 58 per cent) are classified as investment projects. Investment projects represent about US \$849 million of the US \$1.04 billion (including cancelled and transferred projects) approved for activities under the Multilateral Fund (82 per cent of the total funds approved). The second largest number of projects is classified as technical assistance for which the Committee has approved a total of over US \$74 million.

11. 88 per cent of country programme preparation projects have been completed through the end of 2000. 89 per cent of the funds allocated for project preparation activities had been disbursed through 2000.

12. Demonstration and investment projects have been completed at rates of 54 and 58 per cent, respectively. 67 per cent of approved funds have been disbursed for institutional strengthening projects.

COMPLETED PROJECTS

13. Completed projects/activities are defined in decisions 17/22 and 19/23, as projects that have been commissioned and the ODS has been phased out and, as amended in Decision 28/2, that no further use of CFCs is in evidence, that the alternative product is being produced and/or production has begun, and that the CFC-using equipment has been destroyed/dismantled/rendered unusable with ODSs. Work programme activities without an ODS phase-out are considered completed, when the activity is finished (e.g., for a workshop, when it is conducted).

14. Overall, 91 per cent of the funds approved for completed investment projects have been disbursed. The reason that 100 per cent of funds have not been disbursed for completed projects is that it may take from six months to a year to complete the accounting records.

Completed Investment Projects

15. Table 4, Cumulative Completed Investment Projects, presents information on those investment projects that have been completed since 1991. The table presents a grand total of data followed by data according to region, sector, implementation characteristics, and disbursement methods.

Table 4

CUMULATIVE COMPLETED INVESTMENT PROJECTS

Item	Number of Projects	Approved Funds (US \$)	Per Cent of Funds Disbursed	ODP 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.)
GRAND TOTAL	960	515,499,903	91%	136,433	16	30	\$3.78
Region							
Africa	112	49,273,302	94%	5,488	14	30	\$8.98
Asia & Pacific	590	362,722,195	90%	118,037	16	30	\$3.07
Europe	37	23,359,984	95%	4,762	10	19	\$4.91
Latin America and Caribbean	221	80,144,422	93%	8,146	17	32	\$9.84
Global	n/a	0	0%	0	n/a	n/a	n/a
Sector							
Aerosol	71	19,531,376	99%	21,707	15	30	\$0.90
Foam	495	131,996,374	94%	25,965	14	28	\$5.08
Halon	24	38,575,811	80%	54,833	15	29	\$0.70
Fumigants	0	0	n/a	0	n/a	n/a	n/a
Other	2	5,059,360	97%	404	28	41	\$12.52
Process Agent	0	0	n/a	0	n/a	n/a	n/a
Production	5	56,107,120	84%	13,511	11	8	\$4.15
Refrigeration	290	243,087,700	91%	18,507	17	35	\$13.13
Solvents	70	20,688,469	93%	1,485	23	27	\$13.93
Sterilant	1	395,095	100%	21	3	18	\$19.10
Multiple Sectors*	2	58,599	n/a	0	n/a	67	n/a
Implementation Characteristics							
Agency Implementation	630	233,132,588	93%	35,979	11	27	\$6.48
National Implementation	330	282,367,315	89%	100,454	25	37	\$2.81
Time or Objective-sensitive Accounts							
Time-Sensitive	0	0	0%	0	n/a	n/a	n/a
Objective-Sensitive	960	515,499,903	91%	136,433	16	30	\$3.78
Disbursement Method							
During Implementation	883	488,143,094	90%	132,259	15	31	\$3.69
After Implementation	46	15,915,132	99%	2,164	21	24	\$7.35
Retroactive Funding	31	11,441,677	97%	2,010	16	7	\$5.69
* No funds are listed for the multiple sector investment project, but are recorded in appropriate sector.							
** Total phased out for the Fund is 141,539 includes 2,111 from completed non-investment projects and 2,995 from ongoing projects.							
Note: The sum of each section (Region, Sector, etc.) equals the Grand Total.							

16. Through December 2000, 960 investment projects representing about US \$515 million have been completed resulting in the permanent phase-out of 136,433 ODP tonnes¹ with an overall cost-effectiveness of US \$3.78/kg. ODP phased out.

¹ Total phased out for the Fund is 141,359 includes 136,433 from completed investment projects, 2,111 from completed non-investment projects and 2,995 from ongoing projects.

17. The average time from approval to first disbursement was 16 months and the average project duration was 30 months. Project duration is only slightly impacted by retroactive projects, i.e., projects funded after phase-out, since retroactive projects represent only about 2.2 per cent of the total number of completed investment projects.

18. On a regional basis, 590 investment projects were completed in Asia and Pacific region, 221 investment projects in Latin America and the Caribbean, 112 in Africa, and 37 in Europe.

Completed Non-Investment Projects

19. Table 5 presents data on Cumulative Completed Non-Investment Projects. Since 1991, 661 non-investment projects have been completed representing funding support from the Multilateral Fund of about US \$86 million. 97 per cent of the funds for completed non-investment projects has been disbursed. 56 per cent of non-investment funding is in the sector called several which means those projects that have an impact on more than one sector, for example, UNEP's clearinghouse and networking activities.

Table 5

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
GRAND TOTAL	661	85,777,628	97%	8	26
Region					
Africa	138	14,020,354	98%	8	28
Asia & Pacific	173	24,642,731	95%	10	28
Europe	15	1,466,937	99%	9	24
Latin America and Caribbean	176	23,998,408	96%	9	27
Global	159	21,649,198	100%	4	19
Sector					
Aerosol	13	1,195,362	96%	10	32
Foam	18	3,148,329	98%	19	32
Halon	41	4,793,562	98%	9	24
Fumigants	35	6,133,978	91%	4	21
Other	1	76,499	100%	7	38
Process Agent	0	0	n/a	n/a	n/a
Production	0	0	n/a	n/a	n/a
Refrigeration	139	20,372,908	100%	13	30
Several	400	48,258,235	97%	6	24
Solvents	13	1,744,963	98%	15	16
Sterilant	0	0	n/a	n/a	n/a
Multiple Sectors	1	53,792	100%	56	58
Implementation Characteristics					
Agency Implementation	561	63,991,457	98%	6	23
National Implementation	100	21,786,171	96%	17	41
Time or Objective-sensitive Accounts					
Time-Sensitive	116	19,922,376	97%	7	35
Objective-Sensitive	545	65,855,252	97%	8	24
Disbursement Method					
During Implementation	637	83,481,068	97%	8	26
After Implementation	24	2,296,560	97%	14	23
Retroactive Funding	0	0	0%	n/a	n/a
(1) Per decision 22/11(a)(vi), project preparation is not included as a non-investment project.					
(2) The sum of each section (Region, Sector, etc.) equals the Grand Total.					

20. The average time from approval to first disbursement for non-investment projects is much shorter than for investment projects; 8 months versus 16 months. Non-investment projects have been completed, on average, 26 months after they were approved by the Executive Committee. This figure is influenced by the large number of projects (400 of 661) classified in the sector called Several which had an average time from approval to completion of 24 months. Non-investment projects in the other sectors (e.g. halon, solvents, etc.) were completed from 16 to 58 months after they were approved.

21. Almost all projects (561 of 661) were implemented by the agency concerned rather than through national implementation. Agency implementation of non-investment projects normally do not require legal agreements which may explain the shorter period of time (23 months) compared with nationally-implemented non-investment projects (41 months).

22. Non-investment projects include work programme activities excluding project preparation. Some implementing agencies have included project preparation in their non-investment project summary tables. Therefore, the data in this document may not match the sum of that provided by the implementing agencies.

ONGOING PROJECTS

23. Ongoing projects are all projects that have been approved by the Executive Committee and were under implementation as of 31 December 2000. Key indicators in the database of progress towards implementing ongoing projects include:

- (a) per cent of funds disbursed and per cent of projects that have begun disbursing funds for projects that disburse during implementation;
- (b) the level of funding expected to be disbursed by the end of the year (Funds Disbursed plus Planned Commitments) as a percentage of the Approved Funding;
- (c) the average length of projected delay in implementation (Project Completion per Proposal and currently Planned Date of Completion), and
- (d) information provided by the implementing agencies in the remarks column of the project-by-project listing in the database.

Ongoing Investment Projects

24. Table 6, "Cumulative Ongoing Investment Projects", presents information on the status of investment projects under implementation by region, sector, and implementation characteristics.

Table 6

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.)*
GRAND TOTAL	636	322,766,006	35%	386	61%	14	40	24	\$7.08
Region									
Africa	105	28,486,982	38%	76	72%	13	39	20	\$5.60
Asia & Pacific	371	228,900,833	33%	228	61%	15	41	24	\$6.86
Europe	12	4,774,221	9%	2	17%	15	33	8	\$7.64
Latin America and Caribbean	148	60,603,970	45%	80	54%	13	41	27	\$9.29
Global	0	0	0%	0	0%	n/a	n/a	n/a	n/a
Sector									
Aerosol	32	6,547,023	35%	19	59%	16	39	30	\$2.22
Foam	363	128,814,060	28%	208	57%	14	40	26	\$5.80
Halon	12	7,560,851	1%	3	25%	21	43	21	\$1.30
Fumigants	14	17,960,765	20%	6	43%	7	46	(18)	\$15.07
Other	1	2,000,000	0%	0	0%	n/a	12	n/a	\$22.22
Production	0	0	0%	0	0%	n/a	n/a	n/a	n/a
Process Agent	5	1,310,355	18%	1	20%	16	18	(5)	\$2.11
Refrigeration	186	139,603,063	47%	132	71%	13	41	22	\$12.42
Solvents	21	15,169,889	31%	15	71%	20	36	18	\$13.95
Sterilant	0	0	0%	0	0%	n/a	n/a	n/a	n/a
Multiple Sectors	2	3,800,000	53%	2	100%	28	52	15	\$10.44
Implementation Characteristics									
Agency Implementation	415	158,497,261	33%	286	69%	11	38	22	\$7.31
National Implementation	221	164,268,745	38%	100	45%	23	45	26	\$6.87
Time or Objective-sensitive Accounts									
Time-Sensitive	1	6,750,000	0%	1	100%	9	n/a	9	\$17.62
Objective-Sensitive	635	316,016,006	36%	385	61%	14	40	24	\$6.99
Disbursement Method									
During Implementation	631	322,061,553	35%	385	61%	14	40	24	\$7.11
After Implementation	2	308,680	0%	1	50%	n/a	34	6	\$1.37
Retroactive Funding	3	395,773	0%	0	0%	n/a	18	4	\$5.32
Note: The sum of each section (Region, Sector, etc.) equals the Grand Total.									
*Based on the ODS to be phased out according to the proposal.									

**Represents the implementation of the annual work plan in accordance with Executive Committee decisions on production sector agreements.

25. There are currently 636 investment projects under implementation. These projects represent approved funding (plus adjustments) of over US \$323 million. This number has decreased from last year when US \$357 million of investment projects were under implementation. About 35 per cent of the funds have already been disbursed. The overall average cost-effectiveness of ongoing investment projects is US \$7.08/kg. ODP to be phased out, as approved.

26. Almost 58 per cent (371 of 636) of the ongoing investment projects are for countries in the Asia and Pacific region representing almost 71 per cent of the funds approved for ongoing investment

projects. The Latin America and the Caribbean region has 148 investment projects under implementation valued at US \$61 million; Africa, 105 projects (US \$28 million); and Europe, 12 projects (US \$5 million).

27. Almost 43 per cent of the funds approved for ongoing investment projects are in the refrigeration sector representing almost US \$140 million. The next largest funding allocation for ongoing investment projects is for the foam sector (US \$129 million). However, there are more foam investment projects under implementation (363 projects) than refrigeration investment project (186 projects). The remaining sectors have the following number of investment projects under implementation: aerosol (32), solvents (21), halon (12), multiple sectors (2), fumigants (14), and process agent (5).

28. Of the 636 ongoing investment projects, 61 per cent (386) have begun disbursing funds.

29. Most ongoing investment projects are under agency implementation (415 projects) but there are 221 projects under national implementation. Only 45 per cent of nationally-implemented ongoing investment projects have begun to disburse in comparison to 69 per cent of agency-implemented ongoing investment projects.

30. The average number of months from approval to first disbursement is 14 months for those projects that have begun disbursing. Average ongoing investment project duration increased from an average of 35 months to 40 months. On average ongoing investment projects are expected to be completed 24 months later than originally planned.

Ongoing Non-Investment Projects

32. Table 7, "Cumulative Ongoing Non-Investment Projects", presents information on the status of non-investment projects under implementation by region, sector, and implementation characteristics.

Table 7

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
GRAND TOTAL	455	53,748,447	33%	273	60%	10	36	12
Region								
Africa	138	13,200,756	31%	86	62%	10	36	11
Asia & Pacific	112	16,948,915	29%	64	57%	14	38	13
Europe	32	4,150,467	55%	24	75%	9	38	11
Latin America and Caribbean	129	14,769,119	35%	72	56%	7	36	12
Global	44	4,679,190	31%	27	61%	11	29	16
Sector								
Aerosol	2	331,250	61%	2	100%	10	32	23
Foam	1	40,000	66%	1	100%	19	32	n/a
Halon	14	2,286,817	7%	7	50%	9	24	11
Fumigants	50	10,260,707	39%	43	86%	4	21	10
Other	0	0	n/a	0	n/a	7	38	n/a
Process Agent	0	0	n/a	0	n/a	n/a	n/a	n/a
Production	0	0	n/a	0	n/a	n/a	n/a	n/a
Refrigeration	209	22,799,766	38%	116	56%	13	30	14
Several	178	17,911,767	26%	104	58%	6	24	12
Solvents	1	118,140	n/a	0	n/a	15	16	n/a
Sterilant	0	0	n/a	0	n/a	n/a	n/a	n/a
Multiple Sectors	0	0	n/a	0	n/a	56	58	n/a
Implementation Characteristics								
Agency Implementation	379	38,440,767	31%	224	59%	6	23	12
National Implementation	76	15,307,680	39%	49	64%	17	41	12
Time or Objective-sensitive Accounts								
Time-Sensitive	109	10,750,437	28%	68	62%	7	35	10
Objective-Sensitive	346	42,998,010	34%	205	59%	8	24	13
Disbursement Method								
During Implementation	454	53,465,760	33%	272	60%	8	26	12
After Implementation	1	282,687	85%	1	100%	14	23	42
Retroactive Funding	0	0	n/a	0	n/a	n/a	n/a	n/a
(1) Per decision 22/11(a)(vi), project preparation is not included as a non-investment project.								
(2) The sum of each section (Region, Sector, etc.) equals the Grand Total.								

33. There are currently 455 non-investment projects under implementation representing approved funding (plus adjustments) of over US \$54 million. About 33 per cent of the funds for ongoing non-investment projects have been disbursed.

34. The largest amount of funding of non-investment projects by region is US \$17 million for the Asia and the Pacific region. US \$15 million of ongoing non-investment project funding is for countries in the Latin America and the Caribbean region, followed by Africa (US \$13 million), and Europe (US \$4 million). Ongoing global activities are valued at US \$5 million.

35. On a sector basis, most non-investment funding applies to the refrigeration sector (US \$23 million for 209 projects). There are 178 ongoing non-investment projects in the several sector (US \$18 million), 50 in the fumigants sector (US \$10 million), and 18 projects for all other sectors (US \$3 million).

36. Of the 455 ongoing non-investment projects, 60 per cent (273 projects) have begun disbursing funds.

37. The average number of months from approval to first disbursement is 10 months for those projects that have begun disbursing. Overall, ongoing non-investment projects are expected to be completed 36 months after the completion date indicated in the project proposal. Average ongoing non-investment projects are expected to be completed 12 months later than originally planned.

PROJECT PREPARATION

38. Project preparation requests are included in annual work programmes and work programme amendments. Project preparation leads to investment projects in general and in some cases demonstration projects (in particular for methyl bromide) and the implementation of the projects included in refrigerant management plans.

39. Implementing agencies have requested project preparation on the basis of either a general project preparation for a country or specific requests for specified enterprises (UNIDO in particular has requested project preparation for specific enterprises). At its 23rd Meeting, the Executive Committee adopted "Criteria for Project Preparation" which requires inter alia that agencies indicate requests on the basis of sectors.

40. Table 8 presents data on both completed and ongoing project preparation activities. The implementing agencies have completed 597 project preparation projects for which there remains a balance not yet disbursed of US \$811,719. On average, it has taken 16 months to complete project preparation.

Table 8

PROJECT PREPARATION

Item	COMPLETED PROJECT PREPARATION					ONGOING PROJECT PREPARATION							
	Number of Projects	Approved Funds plus Adjustment (US\$)	Per Cent of Funds Dis-bursed	Average Number of Months from Approval to First Disbursement	Average Number of Months from Approval to Completion	Number of Projects	Approved Funds plus Adjustment (US\$)	Funds Disbursed (US\$)	Per Cent of Funds Dis-bursed	Balance (US\$)	Average Number of Months from Approval to First Disbursement	Average Number of Months from Approval to Planned Completion	Planned Commitments in Current Year (US\$)
GRAND TOTAL	597	33,751,718	98%	4	16	145	5,564,744	2,578,288	46%	2,986,456	5	20	1,833,637
Agency													
UNDP	184	7,690,136	95%	3	14	30	985,000	440,875	45%	544,125	2	17	411,680
UNEP	17	435,000	96%	4	20	13	529,000	102,500	19%	426,500	9	31	340,500
UNIDO	159	4,723,418	94%	6	23	61	1,774,500	441,558	25%	1,332,942	6	20	551,700
WORLD BANK	201	19,073,716	100%	4	12	33	1,985,138	1,556,138	78%	429,000	3	37	429,000
Bilaterals	36	1,829,448	n/a	n/a	n/a	8	291,106	37,217	13%	253,889	n/a	n/a	100,757
Region													
Africa	121	3,298,904	94%	4	15	23	490,170	166,091	34%	324,079	8	22	159,455
Asia & Pacific	240	18,102,206	98%	4	17	63	2,992,074	1,662,549	56%	1,329,525	4	20	926,175
Europe	36	1,997,504	97%	4	18	13	198,000	72,717	37%	125,283	2	13	60,000
Latin Amer./Car.	192	9,561,350	97%	3	14	38	1,133,000	414,690	37%	718,310	4	21	424,348
Global	8	791,754	102%	5	23	8	751,500	262,241	35%	489,259	7	19	263,659
Sector													
Aerosol	22	377,950	87%	3	16	6	108,000	38,584	36%	69,416	2	14	20,500
Foam	87	2,889,584	95%	4	17	37	1,272,000	685,169	54%	586,831	3	16	383,013
Halon	11	564,895	100%	5	18	5	232,774	43,017	18%	189,757	7	28	115,757
Fumigants	48	1,191,348	89%	3	12	18	457,132	71,087	16%	386,045	3	19	115,739
Other	2	250,000	95%	11	35	0	0	0	n/a	0	n/a	n/a	0
Process Agent	1	100,000	100%	1	9	0	0	0	n/a	0	n/a	n/a	0
Production	3	710,000	100%	9	21	1	25,000	25,000	100%	0	1	n/a	0
Refrigeration	138	4,899,313	98%	4	16	56	1,874,700	708,460	38%	1,166,240	6	24	860,310
Several	272	21,765,967	99%	3	15	11	1,385,638	896,138	65%	489,500	8	26	301,318
Solvents	13	1,002,661	93%	8	28	11	209,500	110,833	53%	98,667	3	16	37,000
Sterilant	0	0	n/a	n/a	n/a	0	0	0	n/a	0	n/a	n/a	0
Multiple Sectors	0	0	n/a	n/a	n/a	0	0	0	n/a	0	n/a	n/a	0
Implementation Type													
Agency	561	30,233,475	98%	4	16	143	5,529,648	2,575,125	47%	2,954,523	5	20	1,820,898
National	36	3,518,243	96%	7	20	2	35,096	3,163	9%	31,933	1	26	12,739
Time/Objective Accounts													
Time	117	10,790,236	100%	2	9	4	77,110	13,017	17%	64,093	3	18	10,757
Objective	480	22,961,482	96%	4	18	141	5,487,634	2,565,271	47%	2,922,363	5	20	1,822,880
Disbursement													
During Imp.	591	32,851,966	98%	4	16	145	5,564,744	2,578,288	46%	2,986,456	5	20	1,833,637
After Imp.	6	899,752	100%	7	21	0	0	0	n/a	0	n/a	n/a	0
Retroactive	0	0	n/a	n/a	n/a	0	0	0	n/a	0	n/a	n/a	0

Note: The sum of each section (Region, Sector, etc.) equals the Grand Total.

41. Implementing agencies have a balance of US \$3 million available for project preparation activities in 2001. Ongoing project preparation activities are expected to take 20 months to complete which is 4 months more than for completed project preparation.

42. On a regional basis, most of the ongoing project development activity (43 per cent) is in the Asia and Pacific region. Most of the ongoing project preparation is occurring in the refrigeration sector (US \$1.9 million).

PROJECT IMPLEMENTATION DELAYS

44. The Executive Committee has defined projects with implementation delays as projects where no disbursement had occurred 18 months after approval or projects that are expected to be completed 12 months later than forecast in the last progress report (decision 22/61).

45. The Secretariat identified 339 projects with implementation delays, 73 of which were classified with implementation delays last year. There are over twice as many projects with implementation delays this year as last year when there were 157 such projects. However, implementing agencies indicated that since 31 December 2000, some of these projects have been completed including: “Xinjiang Tianye foam project in China” (CPR/FOA/23/INV/229) completed in January 2001, “Luoyang refrigeration foam project in China” (CPR/FOA/23/INV/236) completed in January 2001, and “Misr refrigeration project in Egypt”, EGY/REF/12/INV/31 completed in March 2001. A list of the projects with implementation delays excluding these three projects is attached in Annex I. Per decision 23/4, the Sub-Committee on Monitoring, Evaluation, and Finance is requested to maintain a watching brief on these projects and the implementing agencies will be requested to report on these projects to the 35th Meeting of the Executive Committee.

46. A separate document addresses follow-up information on project implementation delays identified in last year’s progress report.

SECTOR PHASE OUT PROGRAMMES

47. The Executive Committee approved 8 sector plans through the end of 2000. Three of these are now related to methyl bromide phase-out. UNIDO has one methyl bromide sector phase out plan (Macedonia); UNDP has one (Malawi) and Germany has one (Jordan). Other sector plans include China solvent sector being implemented by UNDP, China’s tobacco sector being implemented by UNIDO, and three sector plans under World Bank implementation (China halon, China production, and India production).

48. Two of the methyl bromide sector plans (Macedonia and Malawi) were approved in December 2000. They were just being initiated at the time of the progress report.

49. Germany reported considerable phase-out success with soil solarization in the Jordan Valley and that there were four other alternatives with good chances of success for the upland.

50. UNDP indicated that contracts were signed with 16 enterprises to phase out ODS solvent to achieve the 2001 phase out targets in China.
51. UNIDO's tobacco sector project in China was approved in December 2000 at the time of the progress report.
52. The World Bank indicated that the Government of China reported that preliminary reports indicate that it exceeded its 2000 consumption target for the China halon sector annual programme. This issue is addressed in the comments on the World Bank's work programme.
53. The Secretariat is awaiting the verification report on the 2000 annual CFC production phase-out programme in China as of this writing 15 June 2001.
54. The Bank reported that the 2000 CFC production phase-out programme in India was satisfactorily implemented with the achievement of 2000 CFC production reduction and disbursement targets. ODS regulation and control rules were established along with a quota order for production quota licenses for CFC-producing enterprises.
55. Progress reporting on most sector phase out programmes is provided by the implementing agencies along with requests for funding of annual work programmes, in accordance with the decision of the Executive Committee governing the production sector agreements.

CLOSED AND TRANSFERRED PROJECTS

50. Table 9 presents a summary of closed and transferred projects. Closed projects are cancelled projects. Of the 118 cancelled projects, 45 were project preparation activities. The World Bank has the highest number of closed projects (62). Remaining balances for closed projects are the result of possible remaining bills against these projects. The Secretariat requests the implementing agencies to report on any balances from cancelled projects in the context of the agencies' reports on completed projects with balances.
51. Transferred projects are projects transferred from one agency to another. There are 14 transferred projects. Projects transferred through 1999 have been transferred from UNDP and the World Bank usually to UNEP. UNDP has transferred a project to German. UNIDO has received 2 transferred projects.

Table 9

CLOSED AND TRANSFERRED PROJECTS SUMMARY

Agency	Number of Projects	Total Funds Approved (US\$)	Adjustments	Approved Funding Plus Adjustments (US\$)	Funds Disbursed (US\$)	Balances (US\$)	Percent of Funds Disbursed	ODP to Be Phased Out	ODP Phased Out
Closed Projects									
UNDP	36	6,900,072	-3,901,715	2,998,357	1,272,432	1,725,925	42%	60	0
UNEP	0	0	0	0	0	0	0%	0	0
UNIDO	15	2,859,139	-1,645,160	1,213,979	462,917	751,062	38%	135	0
World Bank	62	20,576,403	-18,143,693	2,432,710	49,698	2,383,012	2%	1,154	154
Bilaterals	5	418,490	-378,490	40,000	0	40,000	0%	0	0
Total	118	30,754,104	-24,069,058	6,685,046	1,785,047	4,899,999	27%	1,349	154
Transferred Projects									
UNDP	8	590,450	-561,329	29,121	29,121	0	100%	0	0
UNEP	1	179,000	-179,000	0	0	0	0%	0	0
UNIDO	0	0	0	0	0	0	0%	0	0
World Bank	5	1,184,050	-1,184,050	0	0	0	0%	0	0
Bilaterals	0	0	0	0	0	0	0%	0	0
Total	14	1,953,500	-1,924,379	29,121	29,121	0	100%	0	0

IMPLEMENTATION PROGRESS AT THE COUNTRY LEVEL

52. The Secretariat reviewed the status of implementation on a country basis taking into account implementation delays as the time between proposed completion date and the latest planned completion date. An average delay based on the number of projects in the country was calculated. The countries with the longest average delay per project are those that are part of the Pacific Island Strategy under preparation by UNEP that is addressed in the Secretariat's comments on UNEP's progress report (UNEP/OzL.Pro/ExCom/34/12). The average delay is from 43 to 66 months for the following countries as specified Kiribati (66 months), Solomon Islands (66), Vanuatu (66), Papua New Guinea (45), Marshall Islands (44), and Tuvalu (44). The average delay per project for Mozambique is 42 months due primarily to changes in NOUs and various issues regarding a UNIDO investment project that is considered in the document Projects with Implementation Delays (UNEP/OzL.Pro/ExCom/34/8) for possible cancellation for not meeting the deadline established by the Committee. Maldives averaged delay of over three years is due to its institutional strengthening project that is now being implemented satisfactorily according to UNEP's progress report.

53. The following countries have average delays per project exceeding two years as indicated: Bahamas (32 months), Botswana (29), Egypt (29), Cameroon (27), Guyana (27), Central African Republic (25), Mauritius (25), and Bolivia (25). The Executive Committee may wish to note the average delay per project in these countries and urge them to take actions to expedite project implementation.

COMMENTS AND RECOMMENDATIONS OF THE FUND SECRETARIAT

Comments

55. The Secretariat reviewed the implementing agencies' progress reports and identified issues for the consideration of the Executive Committee.

Delayed submissions of required reports

56. At its 31st Meeting, the Committee considered adding a performance indicator for the timely submission of reports required by the Executive Committee, but the Committee decided to defer this consideration in the light of the discussions on strategic planning. The Secretariat recommends that such an indicator, or some other measure, is necessary to ensure the timely submission of these reports in advance of any final consideration of revised performance indicators.

Agency fee entry in progress report database

57. The Secretariat is proposing to include an additional column in the progress report databases to account for agency fees on a project by project basis.

58. As a result of not providing agency support costs per project, values in the progress reports can be misleading because in some cases they may include the agency fee and in other cases they may not. Having an agency cost per project should remedy this situation.

59. It should also be recalled that up to the 17th Meeting, the World Bank did not associate agency fees with project approvals as it received a total amount per year for all of its administrative activities. The amounts thus approved could be pro-rated on annual basis to those projects approved in that year to resolve this problem.

Recommendations

The Sub-Committee on Monitoring, Evaluation, and Finance may wish to consider recommending to the Executive Committee to:

1. Note the Consolidated Progress Report of the Multilateral Fund
2. Urge the following countries for which their ongoing projects are projected to be delayed over two years to take actions to expedite their projects' implementation: Kiribati, Solomon Islands, Vanuatu, Papua New Guinea, Marshall Islands, Tuvalu, Mozambique, Bahamas, Botswana, Egypt, Cameroon, Guyana, Central African Republic, Mauritius, and Bolivia.
3. Add a performance indicator for the timely submission of the progress report.
4. Add an entry for agency costs per project in the progress report data base.

5. Request the World Bank to provide the support cost per project for all the projects approved through the 16th Meeting by pro-rating the administrative costs approved for it through that meeting on an annual basis.

ANNEX I

PROJECTS WITH IMPLEMENTATION DELAYS

Code	Agency	Project Title	Reasons for delay
ALG/FOA/23/INV/25	UNIDO	Phasing out CFC-11 at La Mousse du Sud flexible polyurethane foam plant	12 Months Delays
ALG/FOA/25/INV/27	UNIDO	Phase out of CFC-11 in the manufacture of flexible polyurethane foam through the use of methylene chloride technology at Ets. Matelas Djurdjura	12 Months Delays
ALG/FOA/26/INV/29	UNIDO	Phase out of CFC-11 in the manufacture of flexible polyurethane foam through the use of methylene chloride technology at Ets. Maghreb Mousse	12 Months Delays
ALG/FOA/27/INV/33	UNIDO	Phasing out of CFC-11 by conversion to methylene chloride in the manufacture of flexible polyurethane foam at Matelas Atlas (Sam Atlas)	12 Months Delays
ALG/FOA/27/INV/34	UNIDO	Phasing out of CFC-11 by conversion to methylene chloride in the manufacture of flexible polyurethane foam at King's Matelas	12 Months Delays
ALG/FOA/28/INV/37	UNIDO	Phasing out of CFC-11 by conversion of methylene chloride in the manufacture of flexible polyurethane slabstock foam at Matelas Mondial	12 Months Delays
ALG/FOA/28/INV/39	UNIDO	Phasing out of CFC-11 by conversion of methylene chloride in the manufacture of flexible polyurethane slabstock foam at Orania Mousse Ameublement (OMA)	12 Months Delays
ALG/SEV/27/INS/32	UNEP	Renewal of institutional strengthening - Phase II	12 Months Delays
ANT/REF/26/TAS/05	Canada	Implementation of the RMP: Training the trainers in good refrigerant management practices	12 Months Delays
ANT/REF/26/TAS/06	Canada	Implementation of the RMP: National recovery and recycling	12 and 18 Months Delays
ANT/REF/26/TRA/04	Canada	Implementation of the RMP: Training of customs	12 Months Delays
ARG/FOA/15/INV/14	UNDP	CINTER S.R.L. Elimination of CFC use in the manufacture of sandwich polyurethane panels	12 months delays
ARG/FOA/18/INV/27	UNDP	Conversion to non-CFC technology in the manufacture of flexible foam (slabstock) at Nuvel Corp. S.A.	12 months delays
ARG/FOA/18/INV/30	UNDP	Conversion to non-CFC technology in the manufacture of flexible foam (slabstock) at Piero SAIC	12 months delays
ARG/FOA/18/INV/33	UNDP	Elimination of the use of CFC's in the manufacture of sandwich panels and spray foams at Montisol Argentina S.A. and Art Nouveau Puntana, S.A.	12 and 18 months delays
ARG/FOA/20/INV/47	UNIDO	Phasing out CFC-12 at Mallol Saic	12 Months Delays
ARG/FOA/20/INV/48	UNDP	Conversion to non-CFC technology in the manufacture of flexible foam (slabstocks) at Suavestar S.A.	12 months delays
ARG/FOA/22/INV/57	UNDP	Elimination of the use of CFCs in the manufacture of sandwich polyurethane panels and spray foams at Calofrig Asilaciones Jacobi S.A.I.C.	12 months delays
ARG/FOA/23/INV/61	UNDP	Elimination of the use of CFCs in the manufacture of sandwich polyurethane panels and spray foams at BONANO	12 months delays
ARG/FOA/25/INV/76	UNDP	Conversion to low index/additive technology in the manufacture of flexible boxfoam at Rozen S.R.L.	18 months delays
ARG/FUM/29/DEM/93	IBRD	Demonstration project for testing methyl bromide alternatives in post-harvest disinfestation for cotton and citrus (phase I)	12 months delays

Code	Agency	Project Title	Reasons for delay
ARG/HAL/26/TAS/80	IBRD	National halon management program to help eliminate the use of halon-1301 in new applications and to manage recovered halon-1301	12 months delays
ARG/REF/15/INV/16	IBRD	Conversion to non-CFC technology in the production of condensers for mobile air conditioning at Simon Cachan, S.A.	18 months Delays
ARG/REF/15/INV/19	IBRD	Elimination of CFC in two manufacturing plants of domestic refrigerators at Helametal S.A., and Helametal Catamarca S.A.	12 and 18 months delays
ARG/REF/18/INV/37	IBRD	Elimination of CFCs in domestic refrigerator production plant in Autosal, S.A.	12 and 18 months delays
ARG/REF/18/INV/38	IBRD	Elimination of CFCs in the manufacturing plant of domestic refrigerators of Briket, S.A.	12 and 18 months delays
ARG/REF/18/INV/39	IBRD	Elimination of CFC in the manufacturing plant of domestic refrigerators of Neba, S.A.	12 and 18 months delays
ARG/REF/19/INV/43	IBRD	Elimination of CFC in the manufacturing plant of domestic refrigerators at Adzen S.A. C.I.F.	12 months delays
ARG/REF/19/INV/44	IBRD	Elimination of CFCs in the manufacturing plants of domestic refrigerators of Frimetal, Rosario	12 and 18 months delays
ARG/REF/23/INV/66	UNDP	Elimination of the use of CFCs in the manufacture of display cabinets and polyurethane panels for cold stores and walk-in coolers at EUROFRIO	12 months delays
ARG/REF/23/INV/69	IBRD	Elimination of CFCs in the manufacturing plant of domestic refrigerators at Lobato San Luis S.A.	12 Months Delays
ARG/SEV/30/TAS/104	UNEP	Policy assistance for the design and implementation of an ODS import/export licensing system for Argentina	12 Months Delays
ARG/SOL/28/INV/91	IBRD	Conversion from MCF used as solvent to aqua based cleaning at Argelite La Rioja, SA; CIMCAM, SA; Grimoldi, SA; Heliodino SAIC; Integral Metalurgica, SA; Orbis Mertig SAIC; Trosh, SA Unisol, SA and Buffalo, S.A.	12 months delays
BAH/REF/26/TRA/05	UNEP	Implementation of the refrigerant management plan: Train the trainers programme in the refrigeration sector	12 Months Delays
BDI/REF/26/TRA/03	UNEP	Implementation of the refrigerant management plan: Training for customs officers	12 and 18 Months Delays
BDI/REF/26/TRA/04	UNEP	Implementation of the refrigerant management plan: Training technicians in good management practices	12 Months Delays
BEN/REF/32/TRA/08	Canada	Implementation of the RMP: Training of Custom officials	12 Months Delays
BEN/REF/32/TRA/11	Canada	Implementation of the RMP: Training of environmental inspectors and investigators	12 Months Delays
BGD/ARS/17/INV/05	UNDP	Conversion to CFC-free technology in the manufacture of aerosol products at Advanced Chemical Industries Ltd. (ACI)	12 and 18 months delays
BHA/REF/23/TRA/04	UNEP	Implementation of the refrigerant management plan: Training in monitoring and controlling of ODSs	12 Months Delays
BHA/REF/23/TRA/06	UNEP	Implementation of the refrigerant management plan: Training the trainers of technicians in the refrigeration sector	12 Months Delays
BHA/SEV/19/INS/02	UNEP	Institutional strengthening for the phase-out of ODSs under the Montreal Protocol	12 Months Delays
BHE/SEV/27/INS/02	UNIDO	Establishment of an Ozone Unit	12 Months Delays
BOL/REF/20/TAS/04	UNDP	Implementation of a national programme for recovery and recycling of refrigerant	12 months delays
BOL/REF/24/PRP/07	UNEP	Development of refrigerant management plan	12 Months Delays
BOL/SEV/26/INS/08	UNEP	Renewal of the institutional strengthening project	18 months delays

Code	Agency	Project Title	Reasons for delay
BOT/FUM/25/DEM/05	UNIDO	Three alternatives to the use of methyl bromide: non-soil cultivation techniques, bio-fumigation with solarization, and application of various mixtures of other chemicals in low doses in tomatoes and cucurbits	12 Months Delays
BOT/SEV/13/INS/02	UNEP	Institutional strengthening (establishment of the Ozone Office)	12 and 18 Months Delays
BRA/FOA/22/INV/65	UNDP	Conversion to CFC-free technology in the manufacture of polyethylene foam tubing at Polipex	12 and 18 months delays
BRA/FOA/23/INV/94	UNDP	Conversion to CFC-free technology in the manufacture of polyurethane foam at ESPUMATEC	12 months delays
BRA/FOA/23/INV/95	UNDP	Conversion to CFC-free technology in the manufacture of polyurethane foam at ZENIMONT	12 months delays
BRA/FOA/25/INV/102	UNDP	Conversion to Hexane and LCD technology in the manufacture of polyurethane foam at Herval	18 months delays
BRA/REF/20/INV/57	UNDP	Elimination of CFC-11 and CFC-12 in the manufacture of domestic refrigerators and freezers at Multibras, S.A.	12 months delays
BRA/REF/23/INV/83	UNIDO	Phasing out of CFC-12 by HFC-134a and CFC-11 by cyclopentane in the production of commercial refrigeration equipment at Refrigeracao Rubra	12 Months Delays
BRA/REF/23/INV/90	UNDP	Elimination of CFCs in the manufacture of refrigerated trucks and trailers at INCREAL Ltda.	12 months delays
BRU/REF/30/PRP/03	UNEP	Development of RMP	12 Months Delays
BZE/REF/29/TAS/03	Canada	Implementation of the RMP: Monitoring and control of ODS and ODS based equipment and training programme for customs and inspection officers	12 Months Delays
BZE/REF/29/TAS/04	Canada	Implementation of the RMP: Policy dialogue programme and regulatory framework for phasing out ODSs	12 Months Delays
BZE/REF/29/TRA/02	Canada	Implementation of the RMP: Training of trainers and refrigeration technicians in good servicing practices	12 Months Delays
CAF/REF/20/TAS/05	UNDP	Implementation of a National Programme for Recovery and Recycling of Refrigerant	12 and 18 months delays
CAF/SEV/26/INS/06	UNEP	Renewal of the institutional strengthening project	18 months delays
CHD/REF/29/TRA/06	UNEP	Refrigerant management plan: Training programme for customs officers	12 Months Delays
CHI/FUM/25/DEM/35	IBRD	Demonstration project for testing methyl bromide alternatives in soil treatment applications for tomatoes and peppers	12 months delays
CHI/MUS/19/INV/14	IBRD	Montreal Protocol implementation programme - phase II	18 months Delays
CHI/MUS/26/INV/37	IBRD	Montreal Protocol implementation program (Phase II, second tranche)	12 and 18 months delays
CMR/FOA/23/INV/10	UNIDO	Phasing out CFC-11 at Scimpos	12 Months Delays
CMR/FOA/23/INV/11	UNIDO	Phasing out CFC-11 at Sonopol	12 Months Delays
CMR/FUM/25/DEM/14	UNIDO	Two alternatives to the use of methyl bromide: non-soil cultivation techniques and application of various mixtures of other chemicals in low doses in tobacco	12 Months Delays
CMR/REF/24/PRP/12	UNIDO	Preparation of refrigerant management plan	12 Months Delays
COL/FOA/13/INV/10	UNDP	Elimination of the use of ODS in the polystyrene foams sector (Inaldes - Multidimensionales)	12 months delays
COL/FOA/26/INV/28	IBRD	Elimination of CFC-11 in the manufacture of rigid polyurethane foam through the use of HCFC-141b technology at Daniel J. Fernandez and Cia. Ltd.	12 and 18 months delays

Code	Agency	Project Title	Reasons for delay
COL/FOA/26/INV/29	IBRD	Elimination of CFC-11 in manufacture of rigid polyurethane foam through the use of HCFC-141b technology at Friotermica S.A.	12 months delays
COL/FOA/26/INV/30	IBRD	Elimination of CFC in manufacture of rigid polyurethane foam through the use of HCFC-141b technology at Indufrio	12 months delays
COL/FOA/26/INV/31	IBRD	Elimination of CFC-11 in the manufacture of rigid polyurethane foam through the use of HCFC-22 technology at Master Cooler and Cia Ltd.	12 months delays
COL/FUM/26/DEM/32	UNIDO	Demonstration project - alternatives to the use of methyl bromide in banana growing at Cenibanano	12 Months Delays
COL/REF/17/TRA/18	UNEP	Training programme in good practices in refrigeration	12 Months Delays
COL/REF/28/INV/44	IBRD	Replacement of CFC-11 foam blowing agent with HCFC-141b and CFC-12 refrigerant with HFC-134a in the manufacture of commercial refrigerators and polyurethane sandwich panels at Industrias de Refrigerac	12 months delays
COS/FUM/27/DEM/14	UNDP	Alternatives to methyl bromide for soil fumigation on Costa Rican melons	12 months delays
COS/FUM/27/DEM/15	UNDP	Alternatives to methyl bromide for soil fumigation on Costa Rican cut flowers	12 months delays
CPR/ARS/24/INV/244	IBRD	Umbrella project to complete CFC phaseout in general purpose aerosols at NCLI and Fujiang Light Industry Co.	12 and 18 months delays
CPR/FOA/13/INV/74	UNDP	Elimination of CFC-11 in the manufacture of rigid PUF products at Tianjin PUF plastics plant (combined proj.)	12 and 18 months delays
CPR/FOA/15/INV/86	IBRD	Conversion to CFC-free technology in manufacture of extruded polyethylene and polystyrene foam sheet at Zhengzhou Plastic Plant	12 and 18 months delays
CPR/FOA/18/INV/142	UNDP	Elimination of CFCs in the manufacture of integral skin and cold cured PUF moldings at Jiangxi Auto Engineering Plastic Plant	12 and 18 months delays
CPR/FOA/19/INV/157	IBRD	Conversion to CFC-free technology in the manufacture of flexible (slabstock) polyurethane foam at Qingyang Chemical Corp.	12 and 18 months delays
CPR/FOA/20/INV/179	IBRD	Conversion to CFC-free technology in the manufacture of flexibe (slabstock) polyurethane foam at Chengdu Plastics No. 7	12 months delays
CPR/FOA/23/INV/227	IBRD	Conversion of rigid and spray polyurethane foam manufacture from CFC-11 to HCFC-141b foam blowing agent at Yantai Moon Group Co. Ltd.	12 and 18 months delays
CPR/FOA/23/INV/228	UNDP	Elimination of the use of CFCs in the manufacture of sandwich polyurethane panels, pipes and spray foams at BAODING Oil Depot & Storage Engineering Company	12 months delays
CPR/FOA/23/INV/230	IBRD	Conversion of rigid and spray polyurethane foam manufacture from CFC-11 to HCFC-141b foam blowing agent at Shanghai General Machinery Company (SGMC)	12 and 18 months delays
CPR/FOA/24/INV/245	UNDP	Conversion to cyclopentane in the manufacture of heating pipes at Jixi City Thermal Power Company	12 and 18 months delays
CPR/FOA/25/INV/247	UNDP	Conversion to LCD technology int he manufacture of flexible (slabstock) polyurethane foam at Jinling Petrochemical Co. Plastics Factory	18 months delays
CPR/FOA/25/INV/254	UNDP	Conversion of rigid and spray polyurethane foam manufacture from CFC-11 to HCFC-141b foam blowing agent at Victory Petroleum Organization Bureau	12 months delays

Code	Agency	Project Title	Reasons for delay
CPR/FOA/26/INV/267	IBRD	Conversion of refrigerator manufacture from CFC-11 to pentane foam blowing agent in the production of PU insulation panels at Foshan Refrigeration Equipment General Factory	18 months Delays
CPR/FOA/28/INV/301	UNIDO	Elimination of CFC-12 in manufacturing of EPE foam packaging nets at 27 enterprises (Umbrella Project)	12 Months Delays
CPR/REF/16/INV/111	IBRD	Conversion of small open-type CFC-12 refrigeration compressor production to HCFC-22 at Anhui Provincial Refrigerating Machinery Factory (APRMF)	12 months delays
CPR/REF/17/INV/119	UNIDO	Conversion of domestic refrigerator and freezer factories to phase out CFC-12 and CFC-11 by hydrocarbon isobutane and cyclopentane at Hangzhou Xiling Holdings Co.	12 Months Delays
CPR/REF/19/INV/168	UNDP	Elimination of CFC 11 and 12 in the Manufacture of Domestic Freezers at HENAN FREEZER FACTORY	12 months delays
CPR/REF/22/INV/198	IBRD	Conversion of CFC-12 medium open-type refrigerating compressor to HCFC-22 compressor at Guangzhou Refrigerating Machinery Factory	12 and 18 months delays
CPR/REF/22/INV/200	IBRD	Conversion of CFC-12 small open-type refrigerating compressor to HCFC-22 refrigerating compressor at Subei Refrigeration Machinery Factory	12 and 18 months delays
CPR/REF/22/INV/208	IBRD	Conversion of CFC-12 medium open type refrigerating compressor at Wuhan New World Refrigeration Industrial Co. Ltd.	12 and 18 months delays
CPR/REF/22/INV/209	IBRD	Conversion of CFC-12 small open-type and semi-hermetic refrigerating compressor to HCFC-22 refrigerating compressor at Zhenjiang Refrigerating Equipment Factory (ZREF)	12 months delays
CPR/REF/22/INV/210	IBRD	Conversion of CFC-12 small and medium open type refrigerating compressor production at Zhejiang Chunhui Company (Group) (ZCC)	12 and 18 months delays
CPR/REF/22/INV/214	IBRD	Conversion of CFC-12 medium open type refrigerating compressor at Chongqing Bingyang Refrigerating Machine Co.	12 and 18 months delays
CPR/REF/22/INV/215	IBRD	Conversion of CFC-12 small open type refrigerating compressor production at Ningbo Refrigerating Machinery Factory	12 and 18 months delays
CPR/REF/23/INV/226	UNDP	Elimination of CFCs in the manufacture of domestic refrigerators at WANBAO Electrical Appliance Industries Co.	12 months delays
CPR/REF/23/INV/232	UNDP	Elimination of CFCs 11 and 12 in the manufacture of domestic freezers at Hongxiang Group, LAIZHOU Freezer Plant	12 months delays
CPR/REF/24/INV/242	UNDP	Conversion to cylopentane and R-134a in the manufacture of domestic freezers at Wanbao Freezer Industrial Corporation	12 months delays
CPR/REF/25/INV/249	UNDP	Conversion to cyclopentane and isobutane in the manufacture of domestic refrigerators at Hangzhou Household Electrical Appliance Industrial Corporation (HHEAIC)	12 months delays
CPR/SOL/19/INV/169	UNDP	Elimination of ODS (CFC-113) used in the production line at SHANGHAI SIXTH RADIO FACTORY	12 and 18 months delays
CPR/SOL/19/INV/171	UNDP	Elimination of the use of CFC-113 and Methyl Chloroform in the color picture tube cleaning processes at the Shanghai Novel CPT Corp Factory	12 and 18 months delays
CPR/SOL/20/INV/178	UNDP	Elimination of ODS (CFC 113) used in the production line at Shanghai Automation Instrumentation Factory	12 and 18 months delays
CPR/SOL/20/INV/186	UNDP	Elimination of ODS (CFC 113) used in the production line at Shanghai No 8 Radio Factory	12 and 18 months delays
CPR/SOL/22/INV/195	UNDP	Elimination of CFC-113 used in the production line at Shanghai Railway Communication Equipment Factory	12 and 18 months delays

Code	Agency	Project Title	Reasons for delay
CPR/SOL/23/INV/224	UNDP	Elimination of ODS (CFC-113) used in the production line at FUJIAN PUTIAN VIKAY Electronics Co. Ltd.	12 and 18 months delays
DMI/REF/26/TRA/02	UNEP	Implementation of the refrigerant management plan: Custom training	12 Months Delays
DMI/REF/26/TRA/03	UNEP	Implementation of the refrigerant management plan: Training of trainers in good refrigerant management practices	12 Months Delays
DOM/REF/25/TRA/14	UNEP	Implementation of the refrigerant management plan: Customs training	12 Months Delays
DRC/SEV/27/INS/02	UNEP	Creation of an Ozone Office	12 Months Delays
DRK/SOL/26/INV/11	UNIDO	Conversion of remaining metal cleaning processes from ODS solvents to vapour degreasing at Unsan Tools Factory (UTF)	12 Months Delays
DRK/SOL/28/INV/12	UNIDO	Conversion of metal cleaning processes from CTC solvent to TCE vapour degreasing at Ceramic Tools Factory (CTF)	12 Months Delays
ECU/FOA/26/INV/24	IBRD	Elimination of CFC-11 in the fabrication of flexible foams by replacement with methylene chloride at an automobile and furniture component manufacturing plant belonging to Elasto S.A.	12 months delays
ECU/FUM/26/DEM/23	IBRD	Demonstration project for testing methyl bromide alternatives in soil treatment for the flower growing industry	12 months delays
ECU/REF/26/INV/26	IBRD	Replacement of CFC-12 refrigerant with HFC-134a at a manufacturing plant of domestic refrigerators belonging to Ecuatoriana de Artefactos S.A. (ECASA)	12 months delays
EGY/FOA/09/INV/10	UNDP	Elimination of CFC-12 in the manufacture of extruded polystyrene foam at Al-Sharif Plastic Factories	12 and 18 months delays
EGY/FOA/12/INV/28	UNDP	Conversion to CFC free-technology at El Fateh	12 and 18 months delays
EGY/REF/20/INV/59	UNDP	Elimination of CFCs in the Manufacture of Commercial Refrigeration Equipment at Amiral	12 and 18 months delays
EGY/SOL/28/INV/79	UNIDO	Conversion of TCA used for the formulation of degreasing and contact cleaners and crack detectors to new formulations with special hydrocarbons and heavy chlorinated ester at Sien	12 Months Delays
ELS/REF/25/TAS/06	UNDP	Implementation of the refrigerant management plan: Monitoring of the activities included in the RMP	12 months delays
ELS/REF/25/TAS/09	UNDP	Implementation of the refrigerant management plan: Implementation of a national programme for recovery and recycling of refrigerants	12 months delays
ELS/REF/25/TRA/08	UNEP	Implementation of the refrigerant management plan: Customs training	12 Months Delays
FIJ/REF/29/TRA/06	UNEP	Refrigerant management plan: Train the trainer programme for refrigeration service technicians	12 Months Delays
FIJ/REF/29/TRA/07	UNEP	Refrigerant management plan: Training of custom officers, ODS inspectorate and NOU staff	12 Months Delays
GAB/REF/26/TRA/04	UNEP	Implementation of the refrigerant management plan: Train the trainers programme in the refrigeration sector	12 Months Delays
GAB/REF/26/TRA/05	UNEP	Implementation of the refrigerant management plan: Customs training	12 and 18 Months Delays
GAM/SEV/19/TRA/03	UNEP	Training of customs officers	12 and 18 Months Delays
GEO/FUM/30/TAS/07	Canada	Initiating early phase-out of methyl bromide through awareness-raising, policy development and demonstration/training activities	12 Months Delays
GEO/REF/23/TRA/05	UNEP	Implementation of the refrigerant management plan: Training of trainers in the refrigeration servicing sector	18 months delays

Code	Agency	Project Title	Reasons for delay
GEO/SEV/27/TAS/06	Canada	Promoting compliance with the Montreal Protocol in countries with economies in transition (CEITs)	12 Months Delays
GHA/REF/32/TAS/16	UNDP	Implementation of the RMP: Monitoring of the activities included in the RMP	12 months delays
GHA/REF/32/TRA/13	UNEP	Implementation of the RMP: Customs training programme	12 Months Delays
GLO/FUM/23/TAS/150	UNEP	Technical sourcebook of methyl bromide alternatives	12 Months Delays
GLO/HAL/12/TAS/56	UNEP	Halon bank management case study logbook	12 and 18 Months Delays
GLO/HAL/27/TAS/181	UNEP	Development of a handbook on standards and codes of good practice for halon sector	12 Months Delays
GLO/REF/19/TRA/97	UNEP	Training modules for national training courses on good practices in refrigeration	12 Months Delays
GLO/REF/22/PRP/134	UNIDO	Development of Refrigeration Management Plans	12 Months Delays
GLO/REF/24/TAS/159	UNDP	Global MAC project: Phase 3	12 months delays
GLO/SEV/16/TAS/76	UNEP	Update Technology Sourcebooks and quality review updated material	12 Months Delays
GLO/SEV/19/TAS/106	UNEP	Prepare an inventory and assessment of environmentally sound and economically viable technologies and know-how conducive to phase out of ODS	12 and 18 Months Delays
GLO/SEV/19/TAS/112	UNEP	Training modules on management of ODS phase-out in SMEs	12 and 18 Months Delays
GLO/SEV/19/TRA/109	UNEP	Prepare information papers and case studies	12 Months Delays
GLO/SEV/21/TAS/127	UNEP	Update existing technical brochure series to include 1994/95 TOC data	12 Months Delays
GLO/SEV/21/TAS/130	UNEP	Develop a handbook on the practical use of policy instruments	12 and 18 Months Delays
GLO/SEV/22/CPG/132	UNEP	Preparation of refrigerant management plans/country programmes for VLVC/LVC	12 Months Delays
GLO/SEV/23/TAS/153	UNEP	Translate and print three guidelines and training modules into Arabic, Chinese, French and Spanish	12 Months Delays
GLO/SEV/27/TAS/182	UNEP	Develop fact sheet describing win-win technology options relative to Kyoto and Montreal Protocols	12 Months Delays
GLO/SEV/27/TRA/180	Canada	Customs training manual	12 Months Delays
GLO/SEV/27/TRA/184	Finland	Customs training manual	12 Months Delays
GLO/SEV/29/TAS/198	UNEP	Complement for translation and printing of four guidelines and training modules into Arabic, Chinese, French and Spanish	12 Months Delays
GLO/SEV/30/TAS/206	UNEP	Organizing a global video competition on ozone layer protection	12 Months Delays
GRN/REF/30/TRA/03	UNEP	Implementation of the RMP: Train the trainer programme for refrigeration service technicians	12 Months Delays
GRN/REF/30/TRA/04	UNEP	Implementation of the RMP: Training of custom officers, ODS inspectorate and Ozone Unit staff	12 Months Delays
GUA/REF/21/TRA/13	UNEP	National train the trainer programme on refrigeration management plan and good practices in refrigeration	12 Months Delays
GUA/REF/27/TAS/19	UNEP	Implementation of the RMP: Code of good practices in refrigeration	12 Months Delays
GUA/REF/27/TRA/18	UNEP	Implementation of the RMP: Custom officers training programme	12 Months Delays
GUI/REF/30/TRA/06	UNEP	Implementation of the RMP: Training for customs officers	12 Months Delays
GUI/REF/30/TRA/07	UNEP	Implementation of the RMP: Train the trainer programme in the refrigeration servicing sector	12 Months Delays
GUY/REF/23/INV/05	UNIDO	Phasing out ODS at Guyana Refrigerator Ltd., Guyana (GRL)	12 Months Delays

Code	Agency	Project Title	Reasons for delay
GUY/REF/23/TRA/06	UNEP	Implementation of the refrigerant management plan: Training of trainers for good refrigeration servicing practices	12 Months Delays
GUY/REF/23/TRA/07	UNEP	Implementation of the refrigerant management plan: Training on monitoring and control of ODS and ODS using equipment	12 Months Delays
HON/REF/28/TAS/07	UNIDO	Refrigerant management plan: national recovery and recycling project	12 Months Delays
HON/SEV/20/INS/02	UNEP	Establishment of the Ozone Unit Cell for the institutional strengthening programme	12 Months Delays
IDS/ARS/22/INV/61	IBRD	Conversion and aerosol filling center at PT Candi Swadaya Sentosa	12 months delays
IDS/FOA/15/INV/20	IBRD	Elimination of CFC-11 in the manufacture of polyurethane foam sheet at Multi Karya Makmur	12 and 18 months delays
IDS/FOA/20/INV/44	UNDP	Elimination of CFCs in the manufacture of rigid PU foam sandwich panels at P.T. Alpine Cool	12 and 18 months delays
IDS/FOA/23/INV/65	UNDP	Conversion to CFC -free technology in the manufacture of rigid polyurethane foam (panels, blocks) at PT ANEKA COOL Citratama	12 months delays
IDS/FOA/23/INV/71	UNDP	Conversion to CFC-free technology in the manufacture of flexible cold cured moulded and integral skin PUF at PT ARCHIGRAMMA	12 and 18 months delays
IDS/FOA/23/INV/76	IBRD	Elimination of CFC-11 in the manufacture of flexible polyurethane foam (slabstock) at PT Sea Horse Maspion Indonesia	12 months delays
IDS/FOA/23/INV/77	IBRD	Flexible boxfoam. Technical assistance program for SMEs at Indonesian Foam Association (AFI)	12 months delays
IDS/FOA/23/INV/78	IBRD	Technical assistance programme for SMEs for flexible polyurethane foam at Indonesian Foam Association (AFI)	12 months delays
IDS/REF/25/INV/88	UNDP	Supply conversion project to CFC-free technology in the manufacture of commercial refrigeration equipment at PT Gaya Teknik	18 months delays
IDS/REF/25/INV/90	UNDP	Conversion project to CFC-free technology in the manufacture of commercial refrigeration equipment at PT Aneka Froze Citratama	18 months delays
IDS/REF/26/INV/104	UNDP	Bali Cool, Centrum Cool, Ever Cool. Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a in the manufacture of comm. refrigeration equipment.	18 months delays
IDS/REF/26/INV/105	UNDP	PT Algron. Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a and R-502 to R-404A technology in the manufacture of commercial refrigeration equipment.	18 months delays
IDS/REF/26/INV/99	UNDP	PT Tesaguna Sejati. Conversion from CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the manufacture of commercial refrigeration equipment.	18 months delays
IND/ARS/19/DEM/69	UNDP	Demonstration Project for Conversion of 5 Small Aerosol Filling Installations to Masnual Filling Equipment using HAP	12 and 18 months delays
IND/ARS/22/INV/114	IBRD	Accra Pack India Pvt. Ltd. aerosol conversion	12 and 18 months delays
IND/ARS/22/INV/137	IBRD	Attarwala and Co. Pvt. Ltd. aerosol conversion, Bombay	12 months delays
IND/FOA/20/INV/101	UNDP	Elimination of CFCs in the manufacture of EPE foam products at Vora Cork Industries	12 and 18 months delays
IND/FOA/22/INV/111	UNDP	Elimination of CFCs in the manufacture of rigid polyurethane foam chemical systems at Polymermann (Asia) P.Ltd.	12 months delays

Code	Agency	Project Title	Reasons for delay
IND/HAL/24/INV/163	UNDP	Conversion of halon-1211 fire extinguisher production and elimination of its consumption of virgin halon-1301 at Steelage Industries Limited Minimax Division/ C	12 and 18 months delays
IND/HAL/24/INV/170	UNDP	Conversion of production halon-1211 fire extinguishers at Atkins, New Delhi	18 months delays
IND/REF/19/INV/91	IBRD	Elimination of CFCs in the manufacture of commercial refrigeration equipment at Shakti Fabricators	12 months delays
IND/REF/19/INV/92	IBRD	Elimination of CFCs in the manufacture of commercial refrigeration equipment at Chandra Frig Co. P., Ltd.	12 and 18 months delays
IND/REF/20/INV/105	IBRD	Elimination of CFCs in the manufacture of commercial refrigeration equipment at Supercold Refrigeration Systems P. Ltd.	12 and 18 months delays
IND/REF/22/INV/123	IBRD	Elimination of CFCs in the manufacture of commercial refrigeration equipment at Hindustan Refrigeration Industries	12 months delays
IND/REF/22/INV/125	IBRD	Elimination of CFCs in the manufacture of domestic refrigerators at Maharaja International Ltd.	12 months delays
IND/REF/22/INV/126	IBRD	Conversion of domestic refrigerator manufacture to cyclopentane blowing agent and either R-600a or HCF-134a refrigerant at Voltas Ltd.	12 and 18 months delays
IND/REF/22/INV/134	IBRD	Conversion of refrigerator manufacture to cyclopentane foam blowing agent and to HCF-134a refrigerant at Videocon Appliances Ltd.	12 and 18 months delays
IND/REF/32/TAS/288	Germany	Preparation of a national strategy to reduce and eliminate the use of CFC refrigerants in the servicing sector	12 Months Delays
IRA/FOA/22/INV/20	UNIDO	Phasing out of CFC-11 from flexible slabstock foam manufacturing at Safoam Co.	12 Months Delays
IRA/FOA/22/INV/21	UNIDO	Phasing out of CFC-11 from flexible slabstock foam manufacturing at Urethane Systems Company (USC)	12 Months Delays
IRA/FOA/22/INV/22	UNIDO	Phasing out CFC-11 from flexible slabstock foam manufacturing at Shizar Co.	12 Months Delays
IRA/FOA/23/INV/29	UNIDO	Phasing out of CFC-11 from flexible slabstock foam manufacturing at Mashhad Foam	12 Months Delays
IRA/FOA/28/INV/50	UNIDO	Phasing out ODS in manufacturing of flexible PU slabstock foam through the use of liquid CO2 blowing technology at Bahman Plastic Co.	12 Months Delays
IRA/REF/23/INV/26	UNIDO	Phasing out ODS at Yakh Saran Co.	12 Months Delays
IRA/REF/23/TAS/31	France	Set up of a national program of recovery and recycling CFC 12 (pilot project in Teheran)	12 and 18 Months Delays
IRA/REF/24/INV/34	France	Conversion to non-CFC facilities of 4 companies producing cars and wagons with MAC umbrella project	12 Months Delays
IRA/SEV/23/INS/30	UNDP	Renewal of Institutional Strengthening -- phase 2	12 and 18 months delays
IRA/SEV/26/TAS/36	France	Small and Medium Enterprise study	12 Months Delays
IVC/REF/24/TAS/10	France	Implementation of Refrigerant Management Plan	12 Months Delays
JAM/FUM/26/DEM/10	UNIDO	Demonstration project - alternatives to the use of methyl bromide in structural and commodity fumigation	12 Months Delays
JAM/REF/27/TRA/12	Canada	Implementation of the RMP: Customs officers training programme	12 Months Delays
JOR/ARS/20/INV/26	IBRD	Aerosol conversion at Jordan Industrial Petrochemical Co. Ltd. (JIPCO)	12 months delays

Code	Agency	Project Title	Reasons for delay
JOR/FOA/15/INV/22	IBRD	Umbrella project for conversion to CFC-free technology at three flexible polyurethane foam factories at Arab Foam, Jordan Plastics, National Foam	12 and 18 months delays
JOR/FOA/22/INV/32	IBRD	Conversion to CFC-free technology in the manufacture of flexible slabstock PUF (box foam) at Baybars	12 months delays
JOR/REF/27/TAS/46	France	Technical assistance in air-conditioning	12 Months Delays
JOR/REF/28/TAS/50	UNIDO	Refrigerant management plan: national recovery and recycling project	12 Months Delays
KEN/FUM/24/DEM/17	UNIDO	Alternatives to the use of methyl bromide for soil fumigation in cut-flowers at Kenya Agricultural Research Institute - KARI	12 Months Delays
KEN/FUM/26/DEM/20	Canada	Methyl bromide replacement demonstration program	12 Months Delays
KEN/REF/10/TRA/05	UNEP	Support to a national workshop on refrigeration	12 Months Delays
KIR/SEV/17/CPG/01	UNEP	Country programme preparation	12 Months Delays
LAC/HAL/26/TAS/28	Canada	Development of a regional halon bank management plan for the English-speaking Caribbean	12 Months Delays
LIR/SEV/27/CPG/01	UNEP	Country programme preparation	12 Months Delays
MAL/ARS/18/INV/64	UNDP	Alloychem Malaysia Sdn., Bhd., aerosol conversion project	12 months delays
MAL/ARS/19/INV/85	UNDP	Umbrella Aerosol Small and Medium Industries project	12 months delays
MAL/FOA/19/INV/86	IBRD	Elimination of CFC-11 in the manufacture of polyurethane refrigerator panels at Penang Trading Co.	12 and 18 months delays
MAL/FOA/19/INV/87	IBRD	Elimination of CFC-11 in the manufacture of polyurethane cold-room insulation panels/truck container panels at Kejuruteraan Transfreeze Sdn Bhd	12 and 18 months delays
MAL/REF/18/INV/73	UNDP	Umbrella project for elimination of CFCs 11 and 12 in the manufacture of commercial refrigeration at 4 small enterprises: Lim Yew, Exquisite, Noblelane, FMC	12 months delays
MAL/REF/23/INV/103	UNDP	Conversion to CFC-free technology in the manufacture of polyurethane foam at KWANG TAI Refrigeration	12 months delays
MAR/SEV/10/INS/02	UNEP	Institutional strengthening for the phase-out of ozone depleting substances	12 and 18 Months Delays
MAS/SEV/21/CPG/01	UNEP	Country programme preparation	12 and 18 Months Delays
MDV/REF/30/PRP/03	UNEP	Development of RMP	12 Months Delays
MDV/SEV/12/INS/02	UNEP	Institutional strengthening for the phase-out of ODS controlled under the Montreal Protocol	12 Months Delays
MEX/FOA/20/INV/49	UNDP	Umbrella project 1 for conversion to CFC-free technology in the manufacture of polyurethane shoe soles (seven enterprises)	12 months delays
MEX/FOA/23/INV/73	UNDP	Conversion to CFC-free technology in the manufacture of polyurethane shoe soles at Group Project (ORCA)	12 months delays
MLI/REF/29/TRA/07	UNEP	Refrigerant management plan: Training programme for customs officers	12 Months Delays
MLI/REF/29/TRA/08	UNEP	Refrigerant management plan: Train the trainers programme in the refrigeration servicing sector	12 Months Delays
MOL/FUM/30/TAS/06	Canada	Initiating early phase-out of methyl bromide through awareness-raising, policy development and demonstration/training activities	12 Months Delays
MOR/FOA/22/INV/08	UNDP	Phase out of CFC in the manufacture of flexible foam (slabstock) at Richbond S.A.	12 months delays
MOR/FOA/22/INV/10	UNDP	Phase out of CFC in the manufacture of flexible foam (slabstock) at Dolidol	12 months delays
MOR/FOA/23/INV/12	UNDP	Phase out of CFC in the manufacture of flexible foam (slabstock) at Sodiflex and Tiznit Plastic S.A.	12 months delays

Code	Agency	Project Title	Reasons for delay
MOR/FOA/23/INV/13	UNDP	Phase out of CFC in the manufacture fo flexible foam (slabstock) at SALIDOR S.A.	12 months delays
MOR/FOA/23/INV/16	UNDP	Phase out of CFC in the manufacture of flexible foam (slabstock) at MOLEN Industrie S.A.	12 and 18 months delays
MOR/FOA/23/INV/19	UNDP	Phase out of CFC in the manufacture of flexible foam (slabstock) at MOUSSE D'OR S.A.	12 months delays
MOR/REF/27/PRP/32	UNEP	Preparation of a refrigerant management plan	12 Months Delays
MOR/SEV/19/INS/03	UNEP	Creation of Ozone Unit	12 Months Delays
MOZ/SEV/15/INS/03	UNEP	Institutional strengthening	12 Months Delays
NAM/REF/20/TRA/03	Finland	Implementation of a training programme for recovery and recycling of refrigerants	12 and 18 Months Delays
NEP/REF/28/TAS/06	UNEP	Refrigerant management plan: policy development and related information dissemination	12 Months Delays
NEP/REF/28/TRA/09	UNEP	Refrigerant management plan: training of trainers in refrigeration	12 Months Delays
NEP/REF/28/TRA/10	UNEP	Refrigerant management plan: training in monitoring and control of CFC and establishment of import/export licensing system	12 Months Delays
NER/REF/27/TAS/05	UNEP	Implementation of the RMP: Customs officers training programme	12 Months Delays
NIC/REF/24/PRP/04	UNIDO	Preparation of refrigerant management plan	12 Months Delays
NIC/REF/25/TAS/06	Finland	RMP Nicaragua	12 Months Delays
NIR/FOA/23/INV/25	UNDP	Conversion to CFC-free technology in the manufacture of flexible polyurethane foam at SAFA Foam Products (Nigeria) Ltd.	12 and 18 months delays
NIR/FOA/23/INV/26	UNDP	Elimination of CFCs in the manuyfacture of rigid PUF insulation products at Aluminium Manufacturing Company of Nigeria Plc (ALUMACO)	12 and 18 months delays
NIR/FOA/23/INV/28	UNDP	Conversion to CFC-free technology in the manufacture of flexible polyurethane foam at UGOCHUKWU Chemical Industries Ltd.	12 months delays
NIR/FOA/26/INV/37	UNDP	Bodefoam Industries. Phase-out of CFC-11 by conversion to MeCl in the manufacture of flexible polyurethane foam.	18 months delays
NIR/FOA/26/INV/39	UNDP	Pesaco Chemical Insdutries. Phase-out of CFC-11 by conversion to MeCl in the manufacture of flexible foam.	18 months delays
NIR/REF/26/INV/44	UNIDO	Replacement of refrigerant CFC-12 with HFC-134a and foam blowing agent CFC-11 with cyclopentane in the manufacture of domestic refrigeration appliances at Kolinton Technical Industries	12 Months Delays
NIR/SEV/09/INS/06	UNDP	Institutional Strengthening: Phase 1	12 and 18 months delays
PAK/FOA/17/INV/06	IBRD	Phaseout of CFC-11 in the manufacture of flexible PUF molded and integral skin at Master Group: (Master Enterprises Ltd., Durafoam Ltd., Khyber Plastic and Polymer Industries Ltd., Procon En)	12 and 18 months delays
PAK/FOA/23/INV/16	IBRD	Conversion to CFC-free technology in the manufacture of integral skin polyurethane foam at Synthetic Products Enterprises (Pvt) Ltd. (SPEL)	12 months delays
PAK/FOA/23/INV/20	IBRD	Umbrella project: Conversion to CFC-free technology in the manufacture of rigid polyurethane foam (thermoware)	12 months delays
PAK/FOA/23/INV/22	IBRD	Conversion to CFC-free technology in the manufacture of polyurethane foam (flexible slabstock, flexible moulded, rigid foam) at Diamond Group of Industries	12 months delays

Code	Agency	Project Title	Reasons for delay
PAK/FOA/25/INV/25	IBRD	Terminal umbrella: Conversion to HCFC-141b and water blown technology in the manufacture of rigid polyurethane foam (thermoware)	12 months delays
PAK/REF/19/INV/09	UNIDO	Phasing out ODS at the Chest Freezer Factory of Riaz Electric Co. Ltd.	12 Months Delays
PAK/REF/19/INV/10	UNIDO	Phasing out ODS at the refrigerator and chest freezer plants of Pak Elektron Ltd. (PEL)	12 Months Delays
PAK/REF/23/INV/17	UNIDO	Phasing out ODS at the freezer factory of Hirra Farooq's (Pvt) Ltd.	12 Months Delays
PAK/REF/23/INV/19	IBRD	Conversion to CFC-free technology in the manufacture of polyurethane foam (domestic refrigeration) at Cool Industries Ltd. (Waves)	12 months delays
PAK/REF/25/INV/28	IBRD	Elimination of CFC-11 and CFC-12 by converting to HCFC-141b and HFC134a in the manufacture of commercial refrigeration equipment at Shadman Electronic Industries P. Ltd.	12 months delays
PAK/REF/26/INV/31	IBRD	Phaseout of CFC-11 and CFC-12 by conversion to HCFC-141b and HFC-134a in the manufacture of domestic refrigeration equipment at Refrigerators Manufacturing Company Pakistan Ltd.	12 months delays
PAK/REF/27/PRP/32	UNIDO	Preparation of refrigerant management plan	12 Months Delays
PAK/SEV/14/INS/05	UNDP	Institutional Strengthening: Phase 1	12 months delays
PAK/SOL/22/INV/14	UNIDO	Conversion of ODS cleaning and coating processes from CFC-113 to trichloroethylene and IPA at Treet Corporation Ltd., Lahore	12 Months Delays
PAN/FOA/22/INV/09	UNDP	Elimination of CFCs in the manufacture of extruded polystyrene foam sheet at Productos Moldeados America S.R. Ltda. (Plasticos Modernos)	12 months delays
PAN/REF/29/TRA/12	Finland	RMP Panama: Customs training	12 Months Delays
PAR/REF/32/TAS/06	UNEP	Implementation of the RMP: Monitoring and control of ODS and ODS based equipment, and training of customs officers and other inspection officers	12 Months Delays
PER/REF/15/INV/06	UNDP	Eliminate CFC-11 and CFC-12 in the manufacture of domestic refrigerators at Industrias Lenche (INLENSA)	12 months delays
PER/REF/19/TAS/17	UNDP	Implementation of a National Programme for Recovery and Recycling of Refrigerant	12 months delays
PER/REF/21/TRA/21	UNEP	National train the trainer programme on refrigeration management plan and good practices in refrigeration	12 Months Delays
PHI/SEV/09/TAS/17	IBRD	Technical assistance for the financial institution	12 and 18 months delays
PNG/REF/21/PRP/03	UNEP	Assistance for formulation refrigeration management plan	12 Months Delays
PNG/SEV/19/INS/02	UNEP	Creation of an Ozone Unit	12 Months Delays
PRC/REF/20/TAS/04	UNDP	Implementation of a National Programme for Recovery and Recycling of Refrigerant	12 and 18 months delays
QAT/SEV/27/INS/02	UNIDO	Institutional Strengthening Project: Creation of the National Ozone Unit	18 Months Delays
ROM/SEV/17/INS/04	UNIDO	Creation of an Ozone Secretariat	12 and 18 Months Delays
SAM/REF/32/TRA/03	UNEP	Implementation of the RMP: Training of customs officials and NOU staff	12 Months Delays
SAM/REF/32/TRA/04	UNEP	Implementation of the RMP: Training of refrigeration service technicians	12 Months Delays

Code	Agency	Project Title	Reasons for delay
SAM/SEV/22/INS/02	UNEP	Establishment of the National Ozone Committee	12 Months Delays
SOI/SEV/17/CPG/01	UNEP	Country programme preparation	12 Months Delays
SRL/ARS/18/INV/07	UNDP	Conversion to CFC-free hydrocarbon aerosol propellant technology at International Cosmetic Ltd. (ICL)	12 months delays
SRL/REF/32/TAS/18	UNDP	Implementation of the RMP: Monitoring the activities included in the RMP	12 months delays
STK/SEV/21/INS/02	UNEP	Institutional strengthening	12 Months Delays
STV/REF/25/TRA/03	UNEP	Implementation of the refrigerant management plan: Monitoring and control of ODS and ODS based equipment	12 Months Delays
SUD/REF/19/INV/06	UNIDO	Phasing out of ODS at three small domestic refrigerator factories in Sudan (Coldair Refrigerator Factory, Modern Refrigerator + Metal furniture Co., Sheet Metal Industries Co. Refrigerator Factory)	12 Months Delays
SWA/SEV/15/INS/03	UNEP	Institutional strengthening	12 Months Delays
SYR/FOA/23/INV/25	UNIDO	Phasing out of CFC-11 from flexible slabstock foam manufacturing at Akal Factory	12 and 18 Months Delays
SYR/FOA/26/INV/32	UNIDO	Phasing out CFC-11 in manufacturing of flexible PU slabstock foam through the use of CO2 blowing technology at National Polyurethane Company (N.P.C.)	12 Months Delays
SYR/FUM/24/DEM/30	UNIDO	Alternatives to the use of methyl bromide for soil fumigation in horticulture and commodities fumigation	12 Months Delays
SYR/REF/29/TRA/47	UNEP	Refrigerant management plan: Training programme for custom officials	12 Months Delays
SYR/SEV/10/INS/03	UNIDO	Support to strengthening the General Commission for Environmental Affairs to implement Montreal Protocol related activities	12 Months Delays
THA/FOA/22/INV/63	UNDP	Conversion to CFC-free technology in the manufacture of rigid and integral skin polyurethane foam at Bangkok Foam Group	12 months delays
THA/FOA/23/INV/70	UNDP	Conversion to CFC-free technology in the manufacture of integral skin polyurethane foam at NOVOCHEM	12 months delays
THA/FOA/27/INV/109	IBRD	Conversion from CFC-11 to water blown and HCFC-141b technology in the manufacture of rigid foam (spray) at Bangkok Integrated Trading Co.	12 months delays
THA/FOA/28/INV/116	IBRD	Conversion to HCFC-141b technology in the manufacture of commercial refrigerator and display cabinets at Makassan Metal Works	12 months delays
THA/FOA/28/INV/130	IBRD	Conversion from CFC-11 to HCFC-141b technology in the manufacture of commercial refrigeration equipment at Arco Industry Co., Ltd	12 months delays
THA/HAL/29/INV/121	IBRD	Halon management programme, halon recovery, recycling and banking	12 months delays
THA/SEV/09/INS/09	UNDP	Institutional strengthening of the Ozone Layer Protection Unit: Phase 1	12 months delays
TRI/REF/23/TRA/07	UNEP	Implementation of the refrigerant management plan: Training the trainers of technicians in the refrigeration sector	12 Months Delays
TRI/REF/23/TRA/10	UNEP	Implementation of the refrigerant management plan: Training in monitoring and controlling of ODSs	12 Months Delays
TUN/FOA/23/INV/23	UNIDO	Phasing out CFC-11 at Sud Inter Mousse flexible polyurethane foam plant	12 Months Delays
TUN/FOA/25/INV/32	IBRD	Conversion to LCD technology in the manufacture of polyurethane flexible foam and HCFC-141b with water in polyurethane rigid foam at Sotim	18 months Delays

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TUN/FUM/24/DEM/29	UNIDO	Alternatives to the use of methyl bromide in horticulture at Société Méditerranéenne Fruitière	12 Months Delays
TUN/SEV/25/INS/31	IBRD	Phase out of ozone depleting substances (renewal of institutional strengthening)	12 months delays
TUR/FOA/23/INV/30	UNIDO	Phasing out CFC-11 at Isbir Termoset Plastic San. A.S., Ankara, Turkey	12 Months Delays
TUR/SEV/08/INS/06	IBRD	Institutional strengthening	18 months Delays
TUV/SEV/21/CPG/01	UNEP	Country programme preparation	12 and 18 Months Delays
UGA/SEV/13/INS/02	UNEP	Institutional strengthening (establishment of the ODS unit)	12 Months Delays
URT/REF/18/INV/06	UNIDO	Phasing out of CFCs at Tanzania Domestic Appliance Manufacturers Ltd.	12 Months Delays
URT/REF/22/TAS/08	UNDP	Implementation of a national programme for recovery and recycling of refrigerant	12 months delays
URT/SEV/20/INS/07	UNEP	Institutional strengthening for the phase out of ODS and the establishment of a National Ozone Office	12 Months Delays
URU/FOA/13/INV/09	UNDP	Conversion to CFC-free technology in the manufacture of flexible PUF at 5 plants	12 months delays
URU/FUM/25/DEM/28	UNIDO	Demonstration project: Alternatives to the use of methyl bromide as a soil fumigant in protected horticultural crops (cucumbers and peppers), seedbeds and nurseries (vegetables, tobacco and forestry)	12 Months Delays
URU/REF/27/TRA/29	Canada	Implementation of the RMP: Custom officers training programme	12 Months Delays
VAN/SEV/17/CPG/01	UNEP	Country programme preparation	12 Months Delays
VEN/FOA/25/INV/64	UNIDO	Phasing out CFC -11 with HCFC-141b at TECNOFRIGO in the production of rigid PU panels	12 Months Delays
VEN/FOA/28/INV/82	UNIDO	Phasing out CFC-12 at Fandec C.A. (EPSR Foam)	12 Months Delays
VEN/REF/17/INV/40	UNDP	Eliminate CFC-11 and CFC-12 in the manufacture of commercial refrigeration equipment at NUTAL	12 months delays
VEN/REF/22/TAS/58	UNDP	Implementation of a recovery and reclamation of refrigerants	12 months delays
VIE/ARS/18/INV/11	UNDP	Conversion to hydrocarbon aerosol propellant technology at Cosmetics Producing and Trading Company (CP & T)	12 months delays
VIE/FUM/24/DEM/20	UNIDO	Alternatives to the use of methyl bromide on stacked bags of rice, grain in silos and timber on a warehouse under tarps at Vietnam Fumigation Company	12 Months Delays
VIE/REF/20/DEM/13	UNDP	Demonstration project in CFC recycling and emissions reduction in the commercial refrigeration sector**	18 months delays
VIE/REF/20/DEM/14	Australia	Demonstration project CFC recycling and emissions reduction in the commercial refrigeration sector	12 and 18 Months Delays
VIE/REF/23/PRP/18	UNEP	Assistance for formulation of a refrigerant management plan	12 Months Delays
YEM/REF/27/PRP/05	UNEP	Preparation of a refrigerant management plan	12 Months Delays
ZIM/REF/20/INV/07	IBRD	Conversion of CFC-12 commercial refrigeration equipment production to HFC-134a and HCFC-22 refrigerant, and CFC-11 to HCFC-141b as the blowing agent for foam insulation at Commercial Refrigeration	12 and 18 months delays
