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EXECUTIVE COMMITTEE OF
THE MULTILATERAL FUND FOR THE
IMPLEMENTATION OF THE MONTREAL PROTOCOL
Thirty-first Meeting
Geneva, 5-7 July 2000

PROGRESS REPORT OF UNIDO

This document includes:

- The Comments and Recommendations of the Fund Secretariat
- The Annual Progress Report on UNIDO Implemented Montreal Protocol Operations (January - December 1999)

COMMENTS OF THE FUND SECRETARIAT

Status of Implementation

1. During the reporting period (1998-1999), UNIDO completed 36 projects, phased out 2,646 OPD tonnes, and disbursed about US \$18 million.
2. Cumulatively, UNIDO has completed 56 per cent (161 projects) of the 289 investment projects approved for its implementation through 1999. It has phased out 69 per cent (17,109 tonnes) of the ODP to be phased out from its portfolio of approved projects (24,863 tonnes), and has disbursed 62 per cent (US \$121 million) of the resources approved by the Fund for it through 1999 (US \$196 million).
3. UNIDO had a balance of US \$1.2 million from unused project preparation funds at the end of 1999 and the Committee approved an additional US \$865,000 for project preparation at its first meeting in 2000. UNIDO has completed 37 per cent of its non-investment projects.

Project implementation delays

4. There are 26 projects with implementation delays excluding project preparation (25 projects) and taking into consideration the decisions of the Executive Committee to remove projects from the list of projects with implementation delays due to the removal of the impediments causing the delays as indicated in the Consolidated Progress Report. 7 of the 26 projects with implementation delays were classified as having implementation delays last year. According to the procedures for project cancellation (Decision 26/2), a report on these projects will be provided to the 32nd Meeting to determine if there is any progress toward removing the impediments causing the implementation delays.
5. A review of the remarks in UNIDO's progress report database identified two projects for which it provided additional clarifications about the status of their implementation:
 - (a) The remarks indicate that UNIDO is having difficulty in implementing the Ets. Matelas Djurdjura foam project in Algeria (ALG/FOA/25/INV/27). The project is expected to be completed 16 months late although the equipment has been delivered to the plant and 44 per cent of the approved funds have already been disbursed. The remarks indicate that the "counterpart was reluctant to modify his installations and he does not allow the contractor to enter the factory to install the equipment". The remarks also state that there is more work to be done by both the contractor and the counterpart. The Secretariat asked UNIDO what could be done to facilitate project implementation. UNIDO responded that "All documentation related to the project has been resubmitted to the company. Their comments/approval are awaited". However, UNIDO did not indicate what could be done to facilitate project implementation when the beneficiary was reluctant to

modify his installation and does not allow the contractor to enter the factory to install the equipment.

- (b) The Chest Freezer project (PAK/REF/19/INV/09) is expected to be completed 37 months late. This project was previously classified as having implementation delays. Already US \$374,914 has been disbursed from the US \$822,987 approved for this project. The remarks indicate that the company was given a deadline to complete its project by December 2000. UNIDO indicated that the beneficiary for the Chest Freezer project, Riaz is “not keen for the conversion, although the foaming machine was delivered to the site”. UNIDO plans a visit to the company in June/July 2000 to discuss these issues.

6. The Sub-Committee on Monitoring, Evaluation, and Finance may wish to consider reports from UNIDO on these two projects at the meeting.

Apparent overruns

7. UNIDO has 11 projects listed in its progress report database with negative balances totalling US \$60,099 as shown in the following table by project number and balance. Overruns are not allowed per Decision 17/22. UNIDO indicated that financial completion was initiated for these projects and the projects will be financially closed without overruns.

Project Number	Balance (US \$)
ALG/FOA/26/INV/29	-9,780
BKF/REF/22/TAS/05	-612
CPR/SOL/22/INV/203	-17,756
EGY/SOL/18/INV/53	-95
EGY/SOL/19/INV/56	-515
GLO/SEV/26/PRP/175	-30,232
GUI/REF/22/TAS/05	-312
IND/SEV/10/PRP/06	-547
SEN/REF/22/TAS/08	-211
TUN/REF/24/PRP/30	-14
TUR/FOA/24/PRP/37	-25
Total	-60,099

Project preparation

8. UNIDO has 25 project preparation activities that would be classified as projects with implementation delays because these 25 activities are expected to be completed over 12 months

late. All of these activities were approved before April 1998. All of them are expected to be completed during the year 2000. Annex I contains a list of these activities.

9. UNIDO also has 53 project preparation activities that have remaining balances of US \$290,983. Most of these activities were completed before 1999. Annex II contains a list of these activities.

10. The Secretariat raised the issue of project preparation delays and remaining balances from completed projects last year. UNIDO indicated that “the reason for keeping project preparation projects ongoing is that UNIDO uses the remaining funds to prepare projects in the country/sector for which the funds were approved [as] reflected in the business plan column surplus, thus saving the Multilateral Fund time, work and money”.

11. The Sub-Committee on Monitoring, Evaluation, and Finance may wish to consider if funds for project preparation may be used by the agency for purposes other than for what it was specifically intended and whether such accounts could be considered open-ended despite the timeframe for which the original approval was given.

Possible cancellation

12. UNIDO indicated that the Refrigeracao Rubra refrigeration project in Brazil (BRA/REF/23/INV/83) is being cancelled although 40 per cent of the approved project funds were disbursed through December 1999. The remarks indicate that since the company was facing financial difficulties, the company decided to convert on its own. UNIDO indicated that although all of the equipment was purchased, it found out about the company’s financial difficulties before the equipment was sent to the beneficiary and stopped the delivery of the equipment. After receiving clarifications on the issue with the beneficiary and the Government, the contract was cancelled and then implementation was suspended. UNIDO stated that the contractor would have to be paid of the expenditures incurred (engineering, site visits, manufacture of site specific equipment, etc) and UNIDO would negotiate a settlement and then initiate financial completion of the project.

13. The Sub-Committee on Monitoring, Evaluation and Finance may wish to note the cancellation of this project after hearing a report on the status of negotiations to settle any remaining expenditures.

14. UNIDO has already disbursed US \$367,988 of the US \$581,515 approved for a refrigeration project in Mozambique (MOZ/REF/18/INV/04) and now it is recommending project cancellation due to no response from the enterprise or the Government. UNIDO has approached a subcontractor to negotiate terms of contract cancellation.

15. The Sub-Committee on Monitoring, Evaluation and Finance may wish to consider canceling this project after hearing a report on the status of negotiations from UNIDO.

16. The project at Tanzania Domestic Appliance Manufacturers (URT/REF/18/INV/06) is expected to be completed 42 months late. This project was previously classified as having an implementation delay. Already, US \$235,857 has been disbursed of the US \$592,790 project. Despite the purchase of the equipment, the counterpart has not confirmed that the equipment can be installed and UNIDO indicated that cancellation is being considered. UNIDO has requested the Ozone Office to intervene to obtain a letter of commitment from the beneficiary, endorsed by the Government, to continue the implementation of the project. UNIDO set a deadline of mid-June for a response.

17. The Sub-Committee on Monitoring, Evaluation and Finance may wish to consider the possibility of cancellation of this project after hearing a report on the outcome of the deadline to receive a letter of commitment.

Completed projects with balances

18. Annex III contains a list of projects that were completed over one year ago (through December 1998). According to Decision 28/7, any remaining balances should be returned. UNIDO returned some funds to the 30th Meeting for some of these projects, but those listed in Annex III still contain un-obligated balances totalling US \$2,014,068. UNIDO indicated that it would prepare a report for the 31st Meeting on these activities.

RECOMMENDATIONS

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

1. Possible actions for the Ets. Matelas Djurdjura foam project in Algeria (ALG/FOA/25/INV/27) and the Chest Freezer project in Pakistan project (PAK/REF/19/INV/09) where the beneficiaries are delaying project implementation.
2. Note that the projects with negative balances will be financially closed without overruns for the projects with negative balances included in UNIDO's progress report database.
3. Recommendations on the use of project preparation activities for activities not included in the original proposal and whether project preparation accounts should be considered open-ended.
4. Possible cancellations for Refrigeracao Rubra refrigeration project in Brazil (BRA/REF/23/INV/83), the refrigeration project in Mozambique (MOZ/REF/18/INV/04), and the project at Tanzania Domestic Appliance

Manufacturers (URT/REF/18/INV/06) after receiving a report from UNIDO on these projects.

5. Note that US \$2,014,068 is currently un-obligated (un-encumbered) from projects completed over one year ago and encourage UNIDO to financially complete these projects so that any unneeded balances may be returned to the Fund for re-programming.

Annex I

PROJECT PREPARATION ACTIVITIES WITH IMPLEMENTATION DELAYS

Code	Project Title	Balance (US \$)	Planned Date of Completion
ALG/FUM/22/PRP/24	Project formulation in the methyl bromide sector in Algeria	3,800	Jan-00
BRA/REF/24/PRP/97	Project preparation in the commercial refrigeration sector (Tecpur, Crios, Panamante and others) in Brazil	17,177	Jun-00
CMR/REF/24/PRP/12	Preparation of refrigerant management plan in Cameroon	6,912	Dec-00
CPR/FOA/24/PRP/240	Preparation of investment projects (50 companies) in the foam sector (polysterene/polyethylene) in China	2,466	Sep-00
CUB/REF/24/PRP/07	Preparation of an investment project (hospitals) in the commercial refrigeration sector in Cuba	7,468	Jun-00
DRK/SEV/21/PRP/03	Project formulation of investment projects in all sectors in Korea, DPR	14,156	Dec-00
EGY/SOL/21/PRP/62	Project preparation in the solvent sector in Egypt	1,982	Dec-00
GLO/REF/22/PRP/134	Development of Refrigeration Management Plans (Global)	30,565	Jun-00
GUI/FOA/21/PRP/04	Project formulation of investment projects in the foam sector in Guinea	9,000	Dec-00
HON/FOA/21/PRP/03	Project formulation of investment projects in the foam sector in Honduras	21,431	Jun-00
IDS/SEV/15/PRP/24	Project formulation for phasing out ODS in small and medium scale industries in Indonesia	4,312	May-00
IDS/SEV/21/PRP/54	Project formulation of investment projects in the aerosol and foam sectors in Indonesia	6,593	Jun-00
IDS/SEV/23/PRP/64	Preparation of an investment project for phasing out ODS at three enterprises including the companies Nirwana and P.T. Success in Indonesia	10,950	Aug-00
IND/REF/23/PRP/159	Preparation of an investment project for phasing out ODS in the refrigeration sector (project under identification in India	27,410	Jun-00
IND/SOL/24/PRP/162	Preparation investment projects in the solvent (CFC 113) sector at Harbans Lal Mahotra & Sons Ltd. Calcutta in India	2,927	Dec-00
IRA/FOA/23/PRP/27	Preparation of an investment project in the foam sector for phasing out ODS at three enterprises including Bahaman Plastic in Iran	2,573	Dec-00
JOR/SEV/15/PRP/21	Preparatory assistance for investment projects in commercial refrigeration, air-conditioning, foam and halon sectors in Jordan	2,305	Jun-00
MDN/SEV/18/PRP/02	Preparation of projects in the refrigeration, aerosol and foam sector in Macedonia	3,717	Dec-00
NIC/REF/24/PRP/04	Preparation of refrigerant management plan in Nicaragua	29,989	Aug-00
ROM/FOA/23/PRP/13	Preparation of an investment project in the foam sector in Romania	8,951	Dec-00
SYR/ARS/23/PRP/26	Preparation of at least three investment projects in the aerosol sector for phasing out ODS at three enterprises including Nweylati in Syria	19,743	Dec-00
SYR/FOA/15/PRP/08	Preparation of investment projects for phasing out of CFC-11 from the sub sector of flexible foams manufacturing in Syria	2,360	Jun-00
SYR/FOA/21/PRP/19	Project preparation in the flexible foam sector in Syria	7,435	Sep-00

Code	Project Title	Balance (US \$)	Planned Date of Completion
TUR/FOA/15/PRP/11	Preparation of investment projects in ODS phase out in the foam sector in Turkey	70	May-00
YUG/SOL/23/PRP/05	Preparation of an investment project in the solvent sector for phasing out ODS at Hemofarm in Yugoslavia	2,599	Dec-00

Annex II

COMPLETED PROJECT PREPARATION ACTIVITIES WITH BALANCES

Project Title	Project Number	Date Completed (Actual)	Approved Funding (US \$)	Funds Disbursed (US \$)	Balance (US \$)
Preparation of an investment project for phasing out ODS at several small enterprises in the commercial refrigeration	MEX/REF/23/PRP/75	Nov-99	20,000	19,894	106
Preparation of investment projects in the foam sector (rigid polyurethane) for Chon Son, Ngui Soon, Ming Soon, Yon Tuck	MAL/FOA/24/PRP/110	Sep-98	20,000	19,764	236
Project formulation of investment projects in the halon sector in the 3 fire equipment factories (Xiangshan, Xiangshan No. 1 and Dalian Jinzhou) and in domestic refrigeration sectors and solvents	CPR/SEV/17/PRP/132	Dec-98	100,000	99,649	351
Project formulation for the conversion of electronic cleaning processes from CFC-113/alcohol blended and 1,1,1 trichlorethane to non-CFC cleaning	IND/SOL/10/PRP/07	Dec-98	74,000	73,550	450
Preparation of investment projects	MEX/SEV/18/PRP/44	Jan-99	50,000	49,445	555
Preparation of investment projects in the commercial refrigeration sector	JOR/REF/27/PRP/45	Dec-99	5,000	4,300	700
Project formulation of investment projects in the foam sector	CRO/FOA/21/PRP/03	Dec-99	30,000	29,268	732
Project preparation in the refrigeration and methyl bromide sectors	BRA/SEV/21/PRP/63	Jun-99	57,140	56,333	807
Preparation of investment projects in the domestic and commercial refrigeration sector	ROM/REF/18/PRP/07	Mar-99	20,000	19,162	838
Project formulation of investment projects in the foam sector	VEN/FOA/21/PRP/51	Dec-98	30,000	29,028	972
Project formulation in the aerosol, foam, solvents and methyl bromide sectors	TUN/SEV/21/PRP/18	May-99	27,150	26,088	1,062
Preparation of a refrigerant management plan	ROM/REF/24/PRP/14	Apr-99	30,000	28,911	1,089
Preparation of a recovery and recycling projects in Benin, Botswana, Burkina Faso, Gambia, Guinea, Namibia and Senegal	AFR/REF/17/PRP/12	Sep-97	45,000	43,811	1,189
Project formulation for phasing out ODS in small- and medium-scale industries	ALG/SEV/17/PRP/11	Dec-99	50,000	48,514	1,486
Project formulation for phase out of ODS in the refrigeration sector (Weather-mate and OPACO Ltd.)	LEB/REF/16/PRP/03	Dec-97	15,000	13,482	1,518

Project Title	Project Number	Date Completed (Actual)	Approved Funding (US \$)	Funds Disbursed (US \$)	Balance (US \$)
Project formulation of investment projects in domestic refrigeration and methyl bromide sectors	MOR/SEV/21/PRP/07	Sep-99	22,150	20,615	1,535
Project formulation in the methyl bromide sector	COL/FUM/21/PRP/23	Jan-98	7,140	5,499	1,641
Project formulation of demonstration project in the methyl bromide sector	GUA/FUM/21/PRP/12	Jan-99	7,140	5,499	1,641
Project formulation in the methyl bromide sector	THA/FUM/22/PRP/65	May-98	8,000	6,161	1,839
Project formulation in the methyl bromide sector	VIE/FUM/22/PRP/16	Jan-99	8,000	6,161	1,839
Project formulation in the methyl bromide sector	ZIM/FUM/22/PRP/11	Jan-99	8,000	6,161	1,839
Preparation of a demonstration project in the methyl bromide sector	ROM/FUM/23/PRP/12	Mar-99	10,000	7,702	2,298
Preparation of refrigerant management plan	JOR/REF/24/PRP/39	May-99	30,000	26,548	3,452
Preparation of Refrigerant Management Plan	SUD/REF/23/PRP/07	Dec-98	30,000	26,132	3,868
Preparation of investment project in the commercial refrigeration sector for Allom du Nord and others	MOR/REF/24/PRP/20	Sep-99	15,000	10,893	4,107
Preparation of refrigerant management plan	MDN/REF/24/PRP/07	Sep-98	30,000	25,498	4,502
Preparation of a demonstration project (tobacco, tomatoes)	CRO/FUM/24/PRP/07	May-98	20,000	15,404	4,596
Preparation of a phase out project (tobacco)	CUB/FUM/24/PRP/08	Jan-99	20,000	15,404	4,596
Preparation of a demonstration project in methyl bromide (tobacco, pepper, tomatoes)	MDN/FUM/25/PRP/08	Sep-98	20,000	15,404	4,596
Preparation of a demonstration project in the methyl bromide sector	MEX/FUM/22/PRP/58	May-98	20,000	15,404	4,596
Project preparation in the refrigeration (including compressors), solvents and methyl bromide sectors	CPR/SEV/21/PRP/190	Dec-99	182,140	177,388	4,752
Preparation of a demonstration project (grain fumigation)	BOT/FUM/24/PRP/04	May-98	25,000	19,254	5,746
Preparation of demonstration project (tobacco, tomatoes, strawberries)	CMR/FUM/24/PRP/13	May-98	25,000	19,254	5,746
Preparation of a demonstration project in the methyl bromide sector	DRK/FUM/23/PRP/04	Jan-98	25,000	19,254	5,746
Preparation of a demonstration project in the methyl bromide sector	IRA/FUM/23/PRP/33	Jan-99	25,000	19,254	5,746
Preparation of a phase out project (tobacco fumigation)	JAM/FUM/24/PRP/08	Sep-98	25,000	19,254	5,746
Preparation of a demonstration project in the methyl bromide sector	JOR/FUM/23/PRP/36	Mar-98	25,000	19,254	5,746
Preparation of a demonstration project in the methyl bromide sector	KEN/FUM/23/PRP/15	Jan-99	25,000	19,254	5,746

Project Title	Project Number	Date Completed (Actual)	Approved Funding (US \$)	Funds Disbursed (US \$)	Balance (US \$)
Preparation of a demonstration project in the methyl bromide sector	SYR/FUM/23/PRP/27	Jan-99	25,000	19,254	5,746
Preparation of a demonstration project (flowers, tobacco)	TUR/FUM/24/PRP/36	May-98	25,000	19,254	5,746
Preparation of a demonstration project (tomatoes, cucumber, strawberries, flowers)	URU/FUM/24/PRP/26	May-98	25,000	19,254	5,746
Preparation of a demonstration project (tobacco, cucurbits, flowers, tomatoes)	DOM/FUM/25/PRP/18	Sep-98	30,000	23,105	6,895
Preparation of a demonstration project in the methyl bromide sector (tobacco, tomatoes, pepper)	IDS/FUM/23/PRP/69	Sep-98	30,000	23,105	6,895
Preparation of a demonstration project (tobacco, peanuts)	SEN/FUM/25/PRP/11	Jan-99	30,000	23,105	6,895
Preparation of a refrigerant management plan	HON/REF/24/PRP/04	Nov-98	30,000	22,713	7,287
Project formulation of investment projects in the aerosol, foam and refrigeration sectors	ALG/SEV/21/PRP/20	Feb-98	50,000	41,634	8,366
Project formulation for establishment of a National Centre for recovery and recycling CFC-11, CFC-12 and CFC-502	ALG/REF/15/PRP/07	Dec-99	25,000	14,986	10,014
Project preparation assistance in solvent sector	PER/SOL/17/PRP/10	Dec-99	30,000	19,890	10,110
Preparation of a project proposal for setting up a national refrigerant recovery and recycling centre, National Halon Bank	SEY/REF/15/PRP/03	Jan-98	15,000	4,147	10,853
Preparation of an investment project in the domestic refrigeration (hydrocarbon) sector for Serti	IVC/REF/24/PRP/11	Oct-99	20,000	9,068	10,932
Formulation of investment projects in the tobacco sector	CPR/OTH/18/PRP/144	Dec-99	50,000	33,641	16,359
Project formulation of investment projects in the refrigeration sector	NIC/REF/21/PRP/02	May-98	50,000	21,947	28,053
Preparation of a sectoral strategy in the tobacco sector	CPR/OTH/24/PRP/237	Nov-99	200,000	152,924	47,076
Total			1,820,860	1,529,877	290,983

Annex III

PROJECT BALANCES FROM PROJECTS COMPLETED THROUGH 1998

Code	Balance	Funds returned to 30 th Mtg.	Un-obligated in 30 th Mtg. Report	Code	Balance	Funds returned to 30 th Mtg.	Un-obligated-- 30 th Mtg. Report
ALG/ARS/18/INV/12	4,822	0	4,822	IRA/REF/18/INV/15	47,938	0	1,980
ALG/ARS/20/INV/15	18	0	18	IRA/REF/18/INV/16	78,543	0	3,278
ALG/ARS/20/INV/16	34,623	0	7,124	IRA/REF/18/INV/17	47,438	0	1,950
ALG/ARS/20/INV/18	31,190	0	90	IVC/FOA/19/INV/06	3,993	0	3,993
ALG/FOA/19/INV/13	4,500	0	4,500	JOR/REF/13/INV/18	1,319	0	1,319
ALG/FOA/19/INV/14	100,603	0	2,603	JOR/REF/13/INV/20	3,514	0	713
ALG/FOA/22/INV/22	26,833	0	3,493	KEN/ARS/19/INV/11	445	0	445
ALG/FOA/22/INV/23	32,868	0	4,572	KEN/REF/11/INV/06	75,510	0	12,953
ALG/REF/15/INV/09	191,972	0	185,056	LEB/REF/16/PRP/03	1,518	0	1,518
ALG/REF/25/INV/26	17,132	0	17,132	MAL/FOA/24/PRP/110	236	0	236
ALG/SOL/17/INV/10	12,779	0	12,779	MDN/FOA/22/INV/05	127,182	0	30,640
BEN/REF/22/TAS/04	2,620	0	620	MDN/FOA/22/INV/06	22,088	0	22,088
BOT/FUM/24/PRP/04	5,746	5,239	3	MDN/REF/20/INV/03	28,421	0	26,151
BRA/SOL/20/INV/58	152,176	0	152,176	NIC/REF/21/PRP/02	28,053	0	22,553
BRA/SOL/20/INV/61	39,057	0	9,673	NIR/REF/18/INV/10	357,719	0	61,914
CMR/FUM/24/PRP/13	5,746	5,239	3	NIR/REF/18/INV/11	473,849	0	28,529
CMR/REF/18/INV/07	279,388	0	144,621	PER/SOL/20/INV/18	4,845	0	4,845
CPR/HAL/15/INV/10	18,309	0	18,309	PER/SOL/20/INV/19	7,345	0	7,345
CPR/REF/20/INV/173	510,618	0	82,769	PER/SOL/20/INV/20	1,031	0	1,031
CPR/REF/22/INV/196	691,829	0	241,786	PHI/REF/22/TAS/49	12,380	0	711
DRK/FOA/23/INV/06	11,946	0	2,352	ROM/ARS/18/INV/05	33,354	0	29,536
DRK/FOA/23/INV/07	11,328	0	2,928	ROM/REF/20/INV/10	3,138	0	3,138
DRK/FOA/23/INV/08	5,882	0	282	SYR/ARS/21/INV/16	4,121	0	1,653
DRK/SOL/23/INV/05	40,322	0	136	SYR/ARS/22/INV/21	4,083	0	4,083
EGY/FOA/10/INV/16	339	0	339	SYR/ARS/22/INV/22	10,231	0	7,763
EGY/REF/15/INV/38	40,863	0	30,038	SYR/FOA/19/INV/14	4,162	0	662
EGY/REF/15/INV/39	48,210	0	35,437	SYR/FOA/19/INV/15	10,235	0	10,235
EGY/REF/15/INV/40	54,969	0	40,404	SYR/REF/13/INV/04	117,852	0	117,852
EGY/REF/15/INV/41	96,323	0	70,803	SYR/REF/15/INV/05	87,565	0	87,565
EGY/REF/15/INV/42	54,088	0	39,763	SYR/REF/15/INV/09	178,978	0	117,643
EGY/REF/15/INV/43	54,212	0	39,850	SYR/REF/18/INV/11	22,328	0	23,328
GAM/REF/22/TAS/05	9,000	0	50	TUN/ARS/19/INV/14	51,708	0	458
IDS/FOA/22/INV/57	2,051	0	673	TUN/FOA/23/INV/24	10,772	0	1,837
IND/SOL/13/INV/25	1,913	0	1,913	TUN/FOA/23/INV/26	2,029	0	2,029
IRA/FOA/17/INV/11	577,938	0	57,195	TUN/REF/19/INV/17	130,822	0	130,882
IRA/REF/18/INV/12	77,931	0	3,215	TUN/REF/23/INV/27	56,674	0	1,824
IRA/REF/18/INV/13	78,043	0	3,248	VEN/FOA/22/INV/54	22,984	0	22,984
IRA/REF/18/INV/14	78,865	0	3,287	VEN/FOA/22/INV/56	7,973	0	7,973
TOTAL					5,489,398	10,478	2,014,008



UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION

UNIDO Progress and Financial Report 1999

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 - C. Adjustments
 - D. Other issues
- Tables 1 to 10
- Annex I Country development including (whenever applicable) institutional strengthening units' highlights
- Annex II Data base (Completed, Ongoing, Adjustments and Canceled projects)

I. Projects Approvals and Disbursements

A. Annual summary data

1. Important annual data, such as number of approvals, corresponding ODP (wherever applicable), approved funding, adjustment and disbursement characteristics are presented in Table 1: "Annual Summary". As of 31 December 1999, UNIDO's cumulative 1993-1999 approved activities under the Multilateral Fund amount to US\$ 195,836,662, excluding Agency Support Cost, and are contained in the attached database printout (Annex II). In the printout, the data (projects) are sorted by regions and within each region the corresponding completed, financially completed, ongoing and closed (canceled) projects are lined up.

2. As of 31 December 1999, UNIDO's cumulative disbursement for all projects (completed and ongoing) amounts to US\$ 121,105,109 (excluding Agency Support Cost) (Table 1 "Annual Summary"), corresponding to a delivery (implementation) rate of 61.84%. Out of this amount, US\$ 115,345,209 relate to cumulative disbursement for investment projects, technical assistance projects (recovery and recycling projects) and demonstration projects (Table 2, "Summary Data by Project Type") refers. This amount represents 75.5% of the value^(*) of approvals as of December 1998 (Executive Committee's decision 27/2 refers).

(*) Value of approved investment, R + R and demonstration (methyl bromide) projects through 1998 for UNIDO reads: US\$ 153,556,000 (Reference: 1999 Business Plan of UNIDO, Doc. UNEP/OzL.Pro/ExCom/27/9, Table 1).

B. Interest

3. The interest earned and reported, split by years 1993-1999 amounts to US\$ 18,128,364 and is shown in the "Annual Summary", Table 1. The interest for 1999 amounts to US\$ 3,844,716.

C. Summary data by type (CPG, DEM, INS, INV, PRP, TAS, TRA)

4. UNIDO's above-outlined cumulative (1993-1999) approved technical assistance activities under the Multilateral Fund, and in Annex II lined up, are split in the following types:

Type	US\$	Percent
CPG (Country Programme Preparation)	528,559	less than 1.0%
DEM (Demonstration projects including phase-out projects in the methyl bromide)	7,975,660	4.07%
INS (Institutional strengthening)	1,500,553	less than 1.0%
INV (Investment projects)	175,691,266	89.71%
PRP (Project preparation)	5,450,025	2.78%
TAS (Technical Assistance)	3,977,082	2.03%
TRA (Training)	713,517	less than 1.0%
Total (excluding agency support cost)	195,836,662	100.00%

5. Also in 1999, UNIDO has maintained its leading role in the fumigants sector (methyl bromide) and has advanced with the implementation of demonstration projects in the use of alternatives to methyl bromide in several countries. Specifically, the demonstration projects in the countries China and Guatemala were completed in December 1999. At the same period of time significant progress was reported in all other ongoing projects for a variety of crops resulting in valuable results and useful lessons for the implementation of phase-out projects in the same sector (more details follow in the coming paragraph). The following table provides for all demonstration projects according to countries/regions.

Demonstration Projects

Country	Project Title/Crop or Commodities
Botswana	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 curcubits
Cameroon	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
Kenya	Alternatives to the use of methyl bromide for soil fumigation in cut-flowers at Kenya Agricultural Research Institute - KARI
Morocco	Demonstration project - four alternatives to the use of methyl bromide: steam pasteurization, non-soil cultivation, solarization and low-dose chemicals in combination with an integrated pesticide management system
Tunisia	Alternatives to the use of methyl bromide in horticulture at Société Méditerranéenne Fruitière
Zimbabwe	Demonstration project - Two alternatives to the use of methyl bromide in the production of tobacco drought-resistant seedlings: non-soil cultivation and low-dose chemicals
China	Demonstration project on alternatives to the use of methyl bromide in soil fumigation
Indonesia	Demonstration project - alternatives to the use of methyl bromide in store products (rice, coffee and corn)
Jordan	Three alternatives to the use of methyl bromide: steam pasteurization, non-soil cultivation and optimal use of soil fumigants in combination with an integrated pest management
Syria	Alternatives to the use of methyl bromide for soil fumigation in horticulture and commodities fumigation
Thailand	Demonstration project - Alternatives to the use of methyl bromide in grain storage (rice, maize, tapioca, feed grains and pulses)
Vietnam	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
Croatia	Two alternatives to the use of methyl bromide in tobacco production; namely: solarization plus bio-fumigation, the use of low-dose chemicals, and non-soil cultivation, in combination with an integrated pest management programme
Macedonia	Demonstration project - three alternatives to the use of methyl bromide:

	non-soil cultivation, biofumigation and low dose chemicals in tobacco and horticultural production
Turkey	Demonstration project: Alternatives to the use of methyl bromide as a soil fumigant in protected horticulture (tomatoes and cucumbers) and ornamental (carnations) crops
Argentina	Demonstration Project: Open and closed circuit non-soil cultivation as main alternatives to the use of methyl bromide in tomato, cut flowers and strawberry production
Brazil	Demonstration project: three alternatives to the use of methyl bromide: non-soil cultivation, solarization and low-dose chemicals
Columbia	Demonstration project - alternatives to the use of methyl bromide in banana growing at Cenibanano
Dominican Republic	Demonstration project: alternatives to the use of methyl bromide: soil pasteurization (steam), non soil cultivation, solarization with biofumigation and low dose chemicals all in combination with IPM system
Guatemala	Demonstration project: four alternatives to the use of methyl bromide: steam pasteurization, non-soil cultivation, solarization, and low-dose chemicals in combination with an IPM system
Jamaica	Demonstration project - alternatives to the use of methyl bromide in structural and commodity fumigation
Mexico	Demonstration project - Alternatives to the use of methyl bromide in the cultivation of tomatoes, strawberries, tobacco, melons and cut flowers
Uruguay	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)

Further, in 1999 UNIDO continued with the implementation of investment projects (phase out) in the same sector, as shown below:

Country	Crops or commodities	ODP to be phased out
Senegal	Peanut seed fumigation	0.7 tonnes
Iran	Non critical, non essential use of methyl bromide for post harvest treatment	12.40 tonnes
Brazil	Phasing out methyl bromide in the entire tobacco sector	84.4 tonnes
Cuba	Phasing out methyl bromide in the tobacco sector	48 tonnes

Finally, a non-investment project (awareness increase) was approved for Venezuela in 1999 with the following details:

Country	Title
Venezuela	Workshop on alternatives to methyl bromide in tobacco cultivation

The project was implemented and completed in the same year. Also a non-investment project (awareness increase) for the Democratic People's Republic of Korea was completed in 1999.

6. Disbursements by activity type in US\$ and as percentage of activity allocations are as follows:

Type	US\$	Percent
CPG (Country Programme Preparation)	372,498	less than 1.0%
DEM (Demonstration projects)	3,195,526	2.64%
INS (Institutional strengthening)	813,102	less than 1.0%
INV (Investment projects)	110,564,267	91.30%
PRP (Project preparation)	3,996,329	3.30%
TAS (Technical Assistance)	2,104,628	1.74%
TRA (Training)	58,759	less than 1.0%
Total (excluding agency support cost)	121,105,109	100.00%

7. The Table 2, entitled "Summary of Data by Project Type", shows approvals, adjustments and disbursements by type of project/activity.

8. UNIDO's overall disbursement rate (excluding agency support costs) was 61.84% as of 31 December 1999. UNIDO continued its concerted efforts throughout 1999 to accelerate project and programme delivery. Also the Organization advanced in the preparation of two strategy projects in China, one strategy plan of ODS phase-out from production of extruded polyethylene and polystyrene foams sub-sector, and a phase-out strategy for the tobacco sector; at the same time, full attention was paid to quality aspects in project implementation. Furthermore, the Organization accorded high priority to its approvals portfolio.

D. Sector Phase-out by Country

9. The sectoral disaggregation of approved UNIDO investment activities (investment and demonstration projects only) and the ODP tonnes to be phased out with direct impact are as follows:

Sector	US\$ (000)	Percent	ODP tonnes	Percent
Aerosols	7,090	3.88	3,207.20	12.90
Foams	40,366	22.1	8,589.70	34.55
Fumigants (demonstration and investment projects)	12,317	6.74	145.00	0.58
Halons	496	0.25	1,110.00	4.46
Refrigeration (including MACs and compressors as well as R + R)	113,870	62.3	10,923.00	43.93
Solvents	8,640	4.73	888.90	3.58
Totals	182,779	100.00	24,863.20	100.00

10. Information on funded ODP phase-out by region/country for ongoing projects is given in Table 3 entitled "ODP Phase-out by Sector, Region and Country - Ongoing Projects".

11. A table of sectors by country/region for which phase-out has been effected is attached as Table 3a entitled "ODP Phase-out by Sector, Region and Country - Completed Projects". Based on the completed projects, UNIDO has eliminated 17,108.85 tonnes with 2,804.05 tonnes in the aerosol sector, 4,204.3 ODP tonnes in the foam sector, 1,480 ODP tonnes in the halon sector, 7,912.3 ODP tonnes in the refrigeration sector - including MACs and compressors, 223.8 ODP tonnes in the recovery and recycling; and 484.4 ODP tonnes in the solvents sector. Partial ODP phase out is reported in Table 3b entitled "Partial ODP Phase-out by Sector, Region Country". The phase-out figures in the foam and refrigeration sectors include the corresponding partial phase-out values reported. The partial phase out is a result of conversion activities in five projects in China and one in Sudan resulting in 1,242.25 ODP tonnes which are part of the 17,108.85 ODP tonnes phased out in total as of 31 December 1999.

12. The data by Region is contained in the aforementioned Table 3 entitled "ODP Phase-out by Sector, Region and Country - Ongoing Projects".

II. Project Completion since Last Report

A. ODP phased out since last report

13. The ODP phased out in the reporting period (1 January - 31 December 1999) on a project-by-project basis amounts to 3,090.5 ODP tonnes. This result is obtained from Tables 3b and 4. Specifically, in Table 4 entitled "Investment Projects Completed since last Report", all investment projects completed since last report are listed resulting in the elimination of 2,453 ODP tonnes. In addition, 637.50 ODP tonnes were eliminated as the result of partial phase-out; these projects are listed on Table 3b entitled "Partial ODP Phase-out - By Sector, Country, Region". Table 4a entitled "Completed Projects - ODP Phase out" shows the total of completed investment and non-investment projects during the reporting period; and Table 4b gives information on canceled/closed projects.

B. Non-investment project completions since last report

14. Since the last report six non-investment projects (excluding project preparation but including RMPs), with an approved funding of US\$ 377,500 were completed. 71.4 percent of the funds were disbursed. Four of those projects were in Asia and the Pacific, one in Europe and one in the Latin American region. Details are shown on Table 4c entitled "Non-Investment Projects Completed since last Report".

III. Global and Regional Project Highlights

A. Global Projects

15. In 1999, the draft RMP for Cameroon, prepared under a global project for development of refrigerant management plans in African countries (Togo, Burundi, Cameroon) approved at the 22nd ExCom, was forwarded to the Ozone Authority of the country for clarifications and its subsequent finalization.

B. Regional Projects

16. No specific regional activities were carried out in the reporting period.

IV. Performance Indicators

A. Agency's Business Plan Performance Goals

A1. Investment Projects Disbursement target and achievement

17. The target for disbursement for UNIDO, required for 1999, excluding agency support fees, reads US\$ 27,612,000.

The amount of funds disbursed in 1999 is calculated as follows:

Type of project	Funds disbursed as of 31 Dec. 1999 (US\$) <i>(Table 2 refers)</i>	Funds disbursed as of 31 Dec. 1998 (US\$) <i>(Table 2 of PF Report for 1998 refers)</i>	Funds disbursed in 1999 (US\$) (difference)
Investment projects	110,564,267	84,383,192	26,181,075
Demonstration projects	3,195,526	1,156,505	2,039,021
Recovery and Recycling (included under Technical Assistance)	1,585,416	1,385,610	199,806
Totals	115,345,209	86,925,307	28,419,902

The amount disbursed by UNIDO in 1999, excluding agency support cost, reads US\$ 28,419,902. It exceeds the target set and represents a performance coefficient of 103 per cent.

Phase-out target and achievement

18. Originally in the UNIDO Business Plan for 1999, the target of ODP to be phased out was set at 5,875.21 ODP tonnes. Following the decision of the 28th Meeting of the Executive Committee, the indirect phase-out of compressors has been removed from the 1999 target; also a portion of 205 ODP tonnes was advanced (target exceeded) and phased-out in 1998 (UNIDO's P + F Report of 1998 refers). In light of this, the target of ODP to be phased-out was set at 5,422.21 ODP tonnes (UNIDO's Business Plan for 2000, page 6 refers). To achieve that goal the discharge of a number of planned efforts was required and as the review of the disbursement situation demonstrates (para. 17 above refers) major required activities were put in place and no negligence occurred. However, not all parties involved proved to be in full compliance with the scheduling of the phase-out exercise. The situation resulted in a phase-out volume of 3,090.5 ODP tonnes which correspond to 57 per cent of the set target.

Distribution of projects among countries

19. According to the Business Plan 1999 the investment and demonstration projects to be formulated in 1999 were supposed to be distributed among 30 countries including three countries in Latin America (El Salvador, Honduras and Nicaragua) for a regional project (demonstration type like project in the same region in the methyl bromide sector). However, in four countries, namely,

Cote d'Ivoire, Zambia, Yugoslavia (projects formulation were planned also under the contingency list of the BP) and Yemen the foreseen activities could not be carried out (no project formulation could be finalized) for reasons given below. These reasons were beyond the control of the Organization:

- a) two projects in the methyl bromide sector for the two countries Cote d'Ivoire and Zambia were not formulated pending, by both countries, the ratification for the Copenhagen Amendment (decisions 27/46 and 27/48 refer);
- b) all formulations foreseen for Yugoslavia were deferred (decision 27/57);
- c) the project in the aerosol sector for Yemen was not formulated since the ODS consumption figure for the sector indicated in the Country Programme needed thorough review and updating by an independent consultant.

Instead and for compensation purposes, projects were formulated in the countries, Egypt, Korea DPR, Lebanon and Nigeria which were not foreseen in the main submissions table (Table 5a) of the 1999 UNIDO Business Plan.

Further the project formulation activities in the countries Cameroon and Cuba were advanced but not finalized for the following reasons:

- a) the project in Cuba being of innovative and pilot type, required additional consultations among Government of Cuba, the implementing agency and potential bilateral donors;
- b) the R + R project in Cameroon being part of a RMP could not be put forward for consideration by the Executive Committee pending clarification of some elements in the RMP; for that purpose national experts have been recruited in the mean time.

Finally in the Philippines, it was reported to UNIDO that the Country Programme has been updated in the course of 1999. In this context also the consumption data for the aerosol sector was subject of a thorough review.

20. Satisfactory project completion reports

The target set in the 1999 UNIDO Business Plan reads 80%. This was reconfirmed in the 2000 UNIDO Business Plan (Decision 30/17). Also, Decision 27/2 foresees a target of 100% for all implementing agencies. In the case of the project completion reports of UNIDO projects, out of 136 due for submission, a number of 113 has been settled corresponding to an overall ratio (in percent) of 83.1%. In this connection, it is possible to differentiate between the years 1997 and 1998 as follows:

- 1) For projects competed through 1997, forty two (42) project completion reports (PCRs) had to be prepared. With the exception of two projects in the aerosol sector (decision 30/12 refers) for which the PCRs are pending, PCRs for all other forty projects were prepared and submitted. This corresponds to a submission rate of 95.2%.
- 2) For projects competed in 1998, seventy three (73) PCRs out of ninety four (94) were prepared and submitted. This corresponds to a rate of 78%.

Speed of delivery indicators

21. In reviewing the investment projects report, an overall average speed to first disbursement of 9.9 months is observed. However, an analysis of the overall average speed by year of approval provides a different picture which reveals an improved profile. Particularly, for approvals of 1998 and 1999 the speed of first disbursement has improved considerably and is close or even below the target:

Year of approval	Speed of first disbursement (months from approval)
1993	19.67 months
1994	15.26 months
1995	11.88 months
1996	11.44 months
1997	9.00 months
1998	7.54 months
1999	5.95 months

In reviewing the investment projects completed since last report, Table 4 refers, an overall average speed of 8.6 months is observed. Also for this group of projects, an analysis of average speed by year of approval provides a different, namely, improved picture as follows:

Year of approval	Speed of first disbursement (months from approval)
1995	25.00 months
1996	7.00 months
1997	8.50 months
1998	4.00 months

Further details on the speed of first disbursement for investment project can be obtained from Tables 5 and 7 for cumulative completed and cumulative ongoing projects. An overall improvement is observed in the speed of the first disbursement (from an average of 10.95 months, *Table 5: Cumulative Completed Demonstration, Investment and R + R Projects*, down to an average of 8.25 months, *Table 7: Cumulative Ongoing Demonstration, Investment and R + R Projects*).

Cost of project preparation

22. The target cost of project preparation indicated in the 1999 Business Plan was, as a ratio, 0.02 (2 per cent). The disbursement incurred in 1999 for project preparation amounts to US\$ 831,821 based on the following calculation:

	Funds disbursed for project preparation (US\$)
Cumulative disbursement according to P&F Report of 1999 (Table 2)	3,996,329
Cumulative disbursement according to P&F Report of 1998 (Table 2)	3,055,775
Amount disbursed in 1999 (including RMPs)	940,554
Less difference disbursed for RMPs	108,733
Amount disbursed in 1999	831,821

- 1) The investment projects prepared in 1999 for the same year of planning amount to a value of US\$ 46,692,900 to phase-out a value of 5,036 ODP tonnes. This results in a cost, as a ratio, of project preparation for projects prepared in and/or for 1999, equal to 0.018 which is less than the set target.
- 2) The investment projects prepared and submitted in and/or for 1999 amount to a value of US\$ 37,734,075 to phase-out 4,698 ODP tonnes. The cost of project preparation is, calculated as a ratio, 0.02, equal to the set target.

Cost effectiveness

23. According to the 1999 Business Plan, the cost-effectiveness target of project submissions for 1999 (excluding aerosols and demonstration projects in the methyl bromide sector) was US\$ 6.12/ODP kg. The cost-effectiveness of project submissions and approvals (excluding aerosols and methyl bromide projects) in 1999, is US\$ 7.8/ODP.

24. For ease of reference, the above outlined observations regarding the performance indicators are summarized in the following table:

Performance indicators: UNIDO targets and achievements in 1998

Performance indicators	Targets UNIDO Business Plan 1999	Achievements (Progress and Financial Report (P&F) for 1999)	P&F vs BP (remarks wherever applicable)
ODP phase out	5,422 ODP tonnes	3,090.5 ODP tonnes	57%
Funds disbursed	US\$ 27,612,000	US\$ 28,419,902	103%
Satisfactory project completion reports	a) 100% b) 80%	83.1% (average)	a) ExCom decision 27/2 refers b) UNIDO BPs for 1999 and 2000 refer (target set by UNIDO exceeded)
Distribution of projects among countries	30	a) 27 b) 29	a) Number of countries where project formulations and submissions/approvals were accomplished b) Number of countries where only project formulation (advanced stage) was carried out
Speed of first disbursement (average in months)	7 months	a) 9.9 months b) 5.95 months for approvals of 1999	a) Average for all projects b) For projects approved in 1999
Cost of project preparation (as a ratio)	0.02	a) 0.018 b) 0.02	a) Projects prepared in 1999 b) Projects approved in 1999
Cost-effectiveness ^(*) of project submissions (average excluding aerosols and methyl bromide)	US\$ 6.12/ODP kg	US\$ 7.78/kg ODP	If we deduct the approved projects under TAS then the C.E. improves to US\$ 7.6/kg ODP
Approvals in ODP tonnes ^(*)	3,445.3	4,056	118% (target exceeded)
Approvals in US\$ ^(*)	21,112,867	31,656,370	150% (target exceeded)

^(*) Excludes approvals in the aerosol and methyl bromide sector (Reference: UNIDO 1999 Business Plan).

A2. Non-investment Projects

Projects completed

25. A total of three projects, one training project in Venezuela, one awareness project in Korea, DPR and a strategy study in the tobacco sector in China were completed in 1999.

Speed of completion

26. The average time of non-investment projects completed in 1999 as per Table 4c is 9 months, which is below the target of 10 indicated in the 1999 Business Plan. Details on the average number of months from approvals to completion for completed and ongoing projects can be obtained from Tables 6 and 8 respectively. The average completion time of all non-investment projects is 19.5 months.

Disbursement

27. According to the Business Plan for 1999, the amount expected to be disbursed (target) was US\$ 746,000. The amount disbursed in 1999 was US\$ 424,000 (Table 2 refers). The low disbursement figure is largely attributable to the fact that a number of agreements for institutional strengthening projects had a rather slow development/progress.

Speed of first disbursement

28. The average speed of first disbursement of the non-investment projects completed in 1999 is 6.0 months. For all projects approved (completed and ongoing ones) the speed of first disbursement by year of approval can be obtained from the following table:

Year of approval Speed of first disbursement (months from approval)

1993	8.89 months
1994	11.67 months
1995	17.00 months
1996	6.00 months
1997	1.50 months
1998	7.00 months
1999	5.63 months
Grand average	7.6 months

29. For ease of reference, the above outlined observations regarding performance indicators for non-investment projects are summarized in the following table:

Performance Indicators: UNIDO targets and achievements in 1999

Performance indicator	Target 1999 Business Plan	Achievement Progress and Financial Report (P&F)	P&F vs. BP (remarks wherever applicable)
Completed projects	Three projects	Two projects (1 training, 1 TAS), and one strategy study (PRP-project)	
Speed of completion (average)	10 months	a) 9 months b) 19.5 months	a) For projects (1 training and TAS) completed in 1999 b) For all completed non-investment projects
Disbursement in 1999	US\$ 0.746million	US\$ 0.424 million	Para. 27 refers
Speed of first disbursement (average)	5 months	a) 7.6 months b) 6 months	a) Average for all projects b) Average for projects completed in 1999

Non-weighted indicators

30. The following non-weighted indicators for non investment projects were subject to review:

- (1) Appropriate and timely policies initiated by countries either as a result of networking, training, information exchange, CP development and/or institutional strengthening.

1999 Target	1999 Achievements
<p>Goal 1: To have initiated and advanced the preparation of at least 1 national plan on alternatives to methyl bromide</p> <p>Goal 2: In at least one country, to have prepared and introduced at least one package of legislative and administrative measures supporting ODS phase out including import licence for ODSs, sector-specific bans on ODS use and sanctions upon enterprises not complying with ODS phase out schedules</p> <p>Goal 3: At least in one country, to have set up a working group on applicable standards in relation to the international standards regarding the ODS phase out programme</p>	<p>Achievement 1 (goal met, even exceeded): 1 national plan was initiated and advanced in Macedonia</p> <p>Achievement 2 (goal met, even exceeded): 2 countries: Macedonia and Romania</p> <p>Achievement 3 (goal met, even exceeded): Countries: Macedonia and Romania</p>

(2) Reduction in ODS consumption over and above that was effected by investment projects

1999 Target	1999 Achievements
<p>Goal 1: In one country at least, to have completed the conversion of non-ODS substances of enterprises in the domestic refrigeration and solvent sectors</p> <p>Goal 2: To have met the 1999 freeze target in at least four countries</p>	<p>Achievement 1(goal met, even exceeded): 3 countries in the domestic refrigeration (Egypt, Macedonia and Romania); 1 country in the solvent sector (Macedonia); in 1 country (Egypt) the conversion in the solvent sector was completed; with the exception of 2 projects having been already identified</p> <p>Achievement 2 (goal met): Freeze target has been met in Macedonia, Romania, Egypt and Syria</p>

B. Cumulative completed investment, demonstration and recovery and recycling projects

31. Since 1993, UNIDO's cumulative total number of completed projects has grown to 175, resulting in the phase out of 17,108.85 ODP tonnes (including partial phase-out from ongoing projects). Out of a total of US\$ 109,415,050 of approved MF financing for completed projects, 86.24 per cent of the funds has been disbursed. The average number of months from approval to first disbursement has been less than eleven (10.95) months. The average number of months from approval to completion has been less than twenty six (25.92) months. Cost effectiveness of completed project is US\$ 6.9/kg (without the ODP phase out from partially completed projects), whereas the figures of the cost-effectiveness on a sectoral basis are related with lower values, i.e., US\$ 2.05/kg for projects in the aerosol sector and US\$ 3.26/kg for projects in the foam sector. Table 5 illustrates in more detail the above-outlined situation, presenting information both on regional and sectoral basis. The vast

majority of completed investment projects have been implemented with disbursements of funds during implementation.

C. Cumulative completed non-investment projects

32. Since 1993, UNIDO's cumulative total number of completed non-investment projects, excluding the project preparation and RMPs, reads 18. Out of a total of US\$ 1,422,597 of approved MF financing, 96.79 per cent of funds have been disbursed. Except for two projects in Egypt (Institutional Strengthening) all UNIDO completed non-investment projects are object-sensitive. The disbursement took place during the implementation for all the completed projects. Table 6 provides details according to geographic region and sectors.

D. Cumulative ongoing investment, demonstration and recovery and recycling projects

33. By the end of 1999, UNIDO's cumulative portfolio of investment, demonstration and recovery and recycling projects contained 154 projects. Of the US\$ 78,014,641 million approved budget, 27.03 per cent has already been disbursed. It takes an average of 8.25 months from approval to first disbursement. The Africa region had 41 ongoing projects, Asia and the Pacific 65 ongoing projects, Europe 15 ongoing projects and Latin America and the Caribbean 33 ongoing projects. Table 7 illustrates variations of implementation characteristics among regions and sectors for UNIDO ongoing investment projects. All ongoing projects are object-sensitive and the disbursement of funds takes place during implementation.

E. Cumulative ongoing non-investment projects

34. End of 1999, UNIDO's cumulative portfolio of ongoing non-investment projects, excluding project preparation and RMPs, contained 23 projects. Out of a total of US\$ 1,899,753 million approved funding about 20.35% of funds has been disbursed. The average number of months from approval to first disbursement has been about 8 months (8.36 months). Table 8 illustrates details presenting the projects according to regions, sectors and types.

Table 9 presents a list of ongoing project preparation projects.

V. Status of Agreements and Project Preparation by Country

A. Agreements to be signed/executed/finalized and when they will be ready for disbursing

35. As soon as a project is approved by the Executive Committee and after having notified the respective authorities, UNIDO embarks on the implementation stage. In doing so, prior to the start up of any activity, the Organization, in equal, secures officially from the recipient company/companies/concerned authorities validity/confirmation of basic project data, such as actual ODS consumption, percentage of exports and their structure, ownership situation. Upon receipt, UNIDO prepares and finalizes with the recipients and the Ozone Authorities the agreement of cooperation which includes also detailed Terms of Reference (TOR) for services to be rendered under the project both by the international technology and/or equipment suppliers and the counterpart. These TOR, which are based on the project document, are the background of the competitive bidding and include an elaborate work programme and division of responsibilities. The above illustrated preparatory

work explains , for investment, demonstration and recovery and recycling projects, the time elapsing between project approval and first disbursement.

B. Project preparation by country, approved amount and amounts disbursed

36. As of the end of 1999, UNIDO was active in terms of project preparation in the following countries:

AFRICA:

Algeria, Cameroon, Egypt, Cote d'Ivoire^(*), Guinea, Sudan, Morocco, Tunisia and Zambia^(*);

ASIA/PACIFIC:

P.R. of China, Korea - DRK, India, Indonesia, Iran, Jordan, Lebanon, Malaysia, Pakistan, Philippines, Syria and Yemen;

EUROPE:

The F.Y.R. of Macedonia, Romania, Turkey and Yugoslavia;

^(*) Project demonstration not carried out pending the ratification of the Copenhagen Amendment.

AMERICA/CARIBBEAN:

Argentina, Brazil, Cuba, El Salvador, Guatemala, Honduras, Mexico, Nicaragua and Venezuela.

VI. Administrative Issues (Operational, Policy, Financial and Other Issues)

A. Meetings attended

37. UNIDO attended/participated at the following meetings:

1. Participate in the 8th Informal Advisory Group Meeting of Implementing Agencies, Paris, France, 14 - 15 January 1999.
2. Participate in a Inter Agency Coordination Meeting to discuss projects submitted to the 27th Executive Committee Meeting, Montreal, Canada, 18 - 22 February 1999.
3. Participate in the Technology Transfer Workshop and the Regional Network of Ozone Officers in South East Asia and Pacific, Bangkok, Thailand, 1 - 5 March 1999.
4. Participate in the 27th Executive Committee Meeting for the Implementation of the Montreal Protocol as well as the Sub-Committee on Project Review, Montreal, Canada, 22 - 26 March 1999.
5. Participate in the 5th ODSNET/AF/E Main Meeting for English Speaking African Countries, Maseru, Lesotho, 12 - 15 April 1999.
6. Attend the Workshop of the ODS Officers Network for Central America, Mexico and the Spanish Speaking Caribbean, Mexico City, Mexico, 6 - 8 May 1999.
7. Attend the Main Meeting of the ODS Officers Network for French-Speaking African countries, Lome, Togo, 4 - 7 May 1999.
8. Participate in the ODSNET/South Asia Network Meeting, Kathmandu, Nepal, 16 - 21 May 1999.
9. Attend the Joint IPCC/TEAP Expert Meeting on Options for the Limitation of HFC and PFC emissions, Petten, The Netherlands, 26 - 28 May 1999.
10. Participate in a Inter Agency Coordination Meeting to discuss projects submitted to the 28th Executive Committee Meeting, Montreal, Canada, 8 - 9 June 1999.
11. Participate in the workshop on Methyl Bromide alternatives, Montreal, Canada, 9 - 10 June 1999.
12. Attend the 22nd Meeting of the Implementation Committee under the non compliance procedure for the Montreal Protocol, Geneva, Switzerland, 14 June 1999.

13. Attend the 19th Meeting of the Open-Ended Working Group of the Parties to the Montreal Protocol, Geneva, Switzerland 15 - 18 June 1999.
14. Participate in the 28th Executive Committee Meeting for the Implementation of the Montreal Protocol, the Sub-Committee on Project Review, the Sub-Committee on Monitoring and evaluation and the Inter Agency Meeting, Montreal, Canada, 12 - 19 July 1999.
15. Participate in a Seminar Refrigerant (CFC) Recycling and Recovery Technology Practice, Linz, Austria, 21 July 1999.
16. Participate in the Main Meeting of the South Asia and Pacific Network of ODS officers and the EPSON Regional Ozone Symposium, Sydney, Australia, 11 - 15 October 1999.
17. Participate in a Inter Agency Coordination Meeting to discuss projects submitted to the 29th Executive Committee Meeting, Montreal, Canada, 18- 19 October 1999.
18. Attend the international workshop on methyl bromide alternatives, Guatemala City, Guatemala, 25 - 27 October 1999.
19. Participate in the workshop on methyl bromide alternatives, Beijing, China, 8 - 9 November 1999.
20. Participate in the 6th Meeting of ODSNET/West Asia Network Meeting, Abu Dhabi, United Arab Emirates, 9 - 10 November 1999.
21. Participation at the 29th Executive Committee Meeting for the Implementation of the MP, the 8th Meeting of the Sub-Committee on Project Review, the 9th Meeting to the Sub-Committee on Monitoring, Evaluation and Finance, 11th Meeting of the Parties to the MP on Substances that deplete the Ozone Layer, Conference of the Parties to the Vienna Convention for the Protection of the Ozone Layer, Implementation Committee under the non-compliance procedure for the MP, Beijing, China, 21 November - 3 December 1999.
22. Participate in the 3rd International workshop on Alternatives for methyl bromide in southern member states, European Commission, , Heraklion, Greece, 7 - 12 December 1999.
23. Participate in a UNEP workshop on policy development to phase-out methyl bromide in African Countries, Dakar, Senegal, 14 - 16 December 1999.

B. Implementing agency and other cooperation

38. Cooperation with UNDP: The cooperation and coordination between the two agencies is strengthened and the activities/division of labor in all regions continues.
39. Cooperation with UNEP: UNIDO is regularly attending regional workshops organized by UNEP. Furthermore, UNIDO and UNEP entered into the process of preparing a MOU aiming

at disseminating in a systematic approval, the results of the demonstration projects in the methyl bromide sector.

40. Cooperation with the World Bank: The coordination of activities continues alongside the earlier established lines of good spirit and good cooperation.
41. Participation in Inter Agency Meeting: UNIDO participated in all major Inter-Agency Coordination meetings organized by either the Multilateral Fund Secretariat or by any of the other implementing agencies.
42. Cooperation with bilateral, specifically Canada, France, Germany and Japan has been strengthened during the reporting period. As a result, projects are considered jointly for the year 2000. This applies to the refrigeration and the methyl bromide sectors. Specifically in the methyl bromide one project for Morocco funded by France was approved at a value of US\$ 1,006,652 to phase out 102 ODP tonnes in the cut flowers and banana production.

C. Adjustments

43. Tables 10 and 10a summarize adjustments to projects with un-disbursed balances not yet considered at the Executive Committee level, it gives indication of the balance of unutilized project funds (original allotment less actual project disbursements) which is automatically added to the contribution account of the Multilateral Fund and is included in the uncommitted funds to be found on the Donor Statement which is regularly submitted to the Treasurer and to the MFS.

D. Other issues

44. Despite the recommendation from the Executive Committee to urge Article 5 countries to exempt customs fees for investment projects, we keep on seeing some countries requesting duties and taxes (e.g., VAT) and customs clearance fees for equipment. We have witnessed a number of delays, sometimes of over one year, which could have been otherwise avoided if all Article 5 countries complied with this stipulation.

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Table 3a: ODP Phased out by Sector, Region and Country - Completed Projects

Status	Project Title	Region	Country	Sector	Mtg.	Type	No.	UNIDO Project No.	Aerosols	Foams	Halons	Refrigeration (incl. MAC and compressors)	Solvents	Several (R + R)	Fumigants
COM	Phasing out of CFCs at Entreprise Nationale des Detergents (ENAD)	AFR	ALG	ARS	18	INV	12	ALG/96/005	150.00						
COM	Phasing out CFCs at Etablissement Has Mohamed	AFR	ALG	ARS	20	INV	15	ALG/96/191	22.50						
COM	Phasing out CFCs at Vague de Fraicheur	AFR	ALG	ARS	20	INV	16	ALG/96/189	51.40						
COM	Phasing out CFCs at Ets. Wouroud	AFR	ALG	ARS	20	INV	17	ALG/96/190	47.00						
COM	Phasing out CFCs at Laboratoire Bendi	AFR	ALG	ARS	20	INV	18	ALG/96/192	19.20						
FIN	Phasing out CFCs at Ets. COPHYD	AFR	ALG	ARS	20	INV	19	ALG/96/193	15.00						
COM	Phasing out CFC-11 in the manufacture of sandwich panels by discontinuous method at Prosider Berrahal	AFR	ALG	FOA	19	INV	13	ALG/96/084		82.00					
COM	Phasing out CFC-11 in the manufacture of sandwich panels at Batimetal Beni Mansour	AFR	ALG	FOA	19	INV	14	ALG/96/085		110.00					
COM	Phasing out CFC-11 at Snam flexible polyurethane foam plant	AFR	ALG	FOA	22	INV	22	ALG/97/080		32.00					
COM	Phasing out CFC-11 at Sammo flexible polyurethane foam plant	AFR	ALG	FOA	22	INV	23	ALG/97/082		24.00					
COM	Investment project for phasing out CFCs at Entreprise Nationale des Industries de l'Electromenager, ENIEM	AFR	ALG	REF	15	INV	9	ALG/95/025				425.00			
COM	Replacement of CFC-12 with HFC 134a for commercial refrigeration at Enapat	AFR	ALG	REF	25	INV	26	ALG/98/043				9.20			
COM	Replacement of CFC-12 with HFC-134a for domestic refrigeration at Enapem	AFR	ALG	REF	26	INV	30	ALG/98/094				12.80			
COM	Investment project for phasing out CFCs at Entreprise nationale des Detergents (ENAD-Lames)	AFR	ALG	SOL	17	INV	10	ALG/95/123					5.60		
COM	Refrigerant recovery and recycling scheme	AFR	BEN	REF	22	TAS	4	BEN/97/093						12.90	
COM	Refrigerant recovery and recycling scheme	AFR	BKF	REF	22	TAS	5	BKF/97/094						15.48	
COM	Phase out of CFC at FAEM.SA	AFR	CMR	REF	13	INV	5	CMR/94/411				62.00			
COM	Phasing out of CFCs at Union Camerounaise d'Entreprise	AFR	CMR	REF	18	INV	7	CMR/96/006				115.10			
COM	Elimination of CFC-12 in the manufacture of extruded polystyrene foam at (ADVECHEMS)	AFR	EGY	FOA	10	INV	16	EGY/93/138		183.30					
COM	Phasing out ODS at the refrigerator plants of Delta Industrial Co.	AFR	EGY	REF	13	INV	32	EGY/94/417				117.00			

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Table 3a: ODP Phased out by Sector, Region and Country - Completed Projects

Status	Project Title	Region	Country	Sector	Mtg.	Type	No.	UNIDO Project No.	Aerosols	Foams	Halons	Refrigeration (incl. MAC and compressors)	Solvents	Several (R + R)	Fumigants
COM	Phasing out ODS at the Electrostar for Refrigeration Co.	AFR	EGY	REF	13	INV	33	EGY/94/415				51.00			
COM	Phasing out ODS at the Kiriazi Refrigerators Manufacturing Co.	AFR	EGY	REF	13	INV	35	EGY/94/416				137.00			
COM	Phasing out ODS at Helwan Company for Metallic Appliances domestic refrigeration plant	AFR	EGY	REF	15	INV	38	EGY/95/038				7.50			
COM	Phasing out ODS at Super Bosh Factory domestic refrigeration plant	AFR	EGY	REF	15	INV	39	EGY/95/038				13.00			
COM	Phasing out ODS at Islamic Company for Industrialization (Siltal) domestic refrigeration plant	AFR	EGY	REF	15	INV	40	EGY/95/038				26.00			
COM	Phasing out ODS at Société Mondiale pour Refroidissement (Alaska) domestic refrigeration plant	AFR	EGY	REF	15	INV	41	EGY/95/038				55.00			
COM	Phasing out ODS at International Co. for Refrigeration and Appliances (Iberna) domestic refrigeration plant	AFR	EGY	REF	15	INV	42	EGY/95/038				19.00			
COM	Phasing out ODS at El Nasr Company for Electric and Electronic Apparatus (Philips) domestic refrigeration plant	AFR	EGY	REF	15	INV	43	EGY/95/038				22.50			
COM	Conversion of cleaning processes from CFC-113 and 1,1,1 TCA to semi-aqueous cleaning at Arab International Optronics	AFR	EGY	SOL	18	INV	53	EGY/96/038					2.10		
COM	Conversion of cleaning processes from 1,1,1 TCA to aqueous cleaning at Siltal	AFR	EGY	SOL	18	INV	54	EGY/96/039					2.00		
COM	Conversion of cleaning processes from 1,1,1 TCA to aqueous cleaning at Technopol	AFR	EGY	SOL	19	INV	56	EGY/96/089					6.00		
FIN	Conversion of electronic cleaning processes from ODS solvents to non-ODS cleaning at 3 electronic companies	AFR	EGY	SOL	18	INV	52	EGY/96/037					13.70		
FIN	Conversion of cleaning processes from 1,1,1 TCA to cleaning in perchloroethylene at Abbasol	AFR	EGY	SOL	19	INV	57	EGY/96/088					8.00		
COM	Refrigeration recovery and recycling scheme	AFR	GAM	REF	22	TAS	5	GAM/97/095						7.70	
COM	Refrigerant recovery and recycling scheme	AFR	GUI	REF	22	TAS	4	GUI/97/096						12.90	
COM	Phasing out CFCs at Parfumerie Gandour D.A.F.	AFR	IVC	ARS	20	INV	7	IVC/96/187	66.00						
COM	Phasing out CFCs at Sicobel	AFR	IVC	ARS	20	INV	8	IVC/96/188	20.80						
COM	Phasing out CFC-11 at F.I.M.A. flexible polyurethane foam plant	AFR	IVC	FOA	19	INV	6	IVC/96/118		53.10					

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Table 3a: ODP Phased out by Sector, Region and Country - Completed Projects

Status	Project Title	Region	Country	Sector	Mtg.	Type	No.	UNIDO Project No.	Aerosols	Foams	Halons	Refrigeration (incl. MAC and compressors)	Solvents	Several (R + R)	Fumigants
COM	Phase out CFCs at Aesthetics Ltd.	AFR	KEN	ARS	19	INV	10	KEN/96/124	107.00						
COM	Phasing out CFCs at Mirage Industries Ltd.	AFR	KEN	ARS	19	INV	11	KEN/96/125	51.00						
COM	CFC-phase out project at Kenya Cold Storages Ltd. and subsidiary companies: Hall Equatorial, Premier Refrigeration and Engineering, Refrigeration Services	AFR	KEN	REF	11	INV	6	KEN/94/401				40.80			
COM	Conversion of ODS cleaning processes from TCA to aqueous cleaning and cleaning in TCE at Kenyan Railways Central Workshop	AFR	KEN	SOL	23	INV	14	KEN/97/179					6.00		
COM	Conversion of HCFC-141b technology (rigid foam) and HFC-134a (refrigeration) in the manufacture of domestic refrigerators and freezers at Manar	AFR	MOR	REF	29	INV	33	MOR/00/				38.60			
COM	Phasing out of CFCs at Debo Industries Ltd. Nigeria	AFR	NIR	REF	18	INV	10	NIR/96/011				52.00			
COM	Phasing out of CFCs at Thermocool Eng. Co. Ltd.	AFR	NIR	REF	18	INV	11	NIR/96/010				82.00			
COM	Refrigerant recovery and recycling scheme	AFR	SEN	REF	22	TAS	8	SEN/97/098						36.12	
COM	Phasing out of CFCs at Sudanese Cosmetics and Household Products	AFR	SUD	ARS	18	INV	4	SUD/96/013	281.50						
COM	Phasing out of CFC-11 at Patra Foam Co. flexible polyurethane foam plant	AFR	SUD	FOA	19	INV	5	SUD/96/117		16.00					
COM	Phasing out CFCs at Jasminal Laboratories	AFR	TUN	ARS	19	INV	14	TUN/96/126	86.00						
COM	Phasing out CFCs at Satem Parfums et Produits Cosmétiques	AFR	TUN	ARS	19	INV	15	TUN/96/127	29.00						
COM	Phasing out CFCs at CODIFA	AFR	TUN	ARS	22	INV	19	TUN/97/113	60.25						
COM	Phasing out CFCs at Parhycos, Sfax, Tunisia	AFR	TUN	ARS	23	INV	25	TUN/97/173	10.00						
COM	Phasing out CFC-11 at Meublalex	AFR	TUN	FOA	19	INV	16	TUN/96/120		28.00					
COM	Phasing out CFC-11 at Sotrapoc flexible polyurethane foam plant	AFR	TUN	FOA	23	INV	24	TUN/97/168		20.00					
COM	Phasing out CFC-11 at Polymousse flexible polyurethane foam plant	AFR	TUN	FOA	23	INV	26	TUN/97/169		35.00					
COM	Umbrella project to phase out ODS at the six small refrigerator manufacturers	AFR	TUN	REF	19	INV	17	TUN/96/104				78.50			

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Table 3a: ODP Phased out by Sector, Region and Country - Completed Projects

Status	Project Title	Region	Country	Sector	Mtg.	Type	No.	UNIDO Project No.	Aerosols	Foams	Halons	Refrigeration (incl. MAC and compressors)	Solvents	Several (R + R)	Fumigants
COM	Terminal umbrella project to phase out ODS at 7 manufacturers of commercial and domestic refrigerators (Chahed Refrigeration, Sogima, Sotiem, Rei, Frigo BAF, Societe Moderne Refrigeration, Frigo Technique)	AFR	TUN	REF	23	INV	27	TUN/97/159				29.00			
FIN	Phasing out of CFCs at Mansoor Daya Chemicals Ltd.	AFR	URT	ARS	18	INV	5	URT/96/016	150.00						
FIN	Preparation of training and certification programmes for refrigeration technicians and preparation of investment projects for the refrigeration sector	AFR	ZAM	REF	15	TAS	3	ZAM/96/046						17.70	
FIN	CFC refrigerant recovery and reclaim project	AFR	ZIM	REF	17	TAS	4	ZIM/95/128						47.00	
	Total Africa								1,166.65	583.40	-	1,393.00	43.40	149.80	-
COM	Demonstration project on alternatives to the use of methyl bromide in soil fumigation	ASP	CPR	FUM	22	DEM	201	CPR/97/125							-
COM	Conversion from halon 1211 to ABC dry powder and foam water spray at Nanjing Fire Fighting Equipment Factory	ASP	CPR	HAL	15	INV	104	CPR/95/040			1,480.00				
COM	Conversion of compressor production for domestic refrigerators from CFC-12 to hydrocarbon refrigerant at Jiaxipera compressor factory	ASP	CPR	REF	18	INV	145	CPR/96/032				96.00			
COM	Phasing out ODS at Hangzhou Huari Refrigerator Co.	ASP	CPR	REF	18	INV	147	CPR/96/042				338.00			
COM	Phasing out ODS at the X'ian Yuan Dong Compressor Co., Xi'an	ASP	CPR	REF	19	INV	164	CPR/96/139				-			
COM	Phasing out ODS at the compressor factory of the Huangshi Dongbei Refrigeration Co.	ASP	CPR	REF	19	INV	165	CPR/96/087				60.00			
COM	Phasing out ODS at the refrigerator plant of Aucma Electric Appliances Group Co.	ASP	CPR	REF	20	INV	173	CPR/96/184				708.00			
COM	Phasing out ODS at the refrigeration plant of Hefei Meiling	ASP	CPR	REF	22	INV	196	CPR/97/078				849.00			
COM	Phasing out ODS at the Hualing refrigerator plant	ASP	CPR	REF	22	INV	204	CPR/97/092				280.00			
COM	Phasing out ODS at the refrigerator plant of Zerowatt Electric Appliances Group	ASP	CPR	REF	22	INV	207	CPR/97/091				423.00			
COM	Phasing out ODS at the Zel Tianjin Compressor Co., Ltd.	ASP	CPR	REF	22	INV	211	CPR/97/090				30.00			
COM	Phasing out ODS at the refrigerator plant of Bole Electric Appliances Group	ASP	CPR	REF	23	INV	222	CPR/97/193				132.00			

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Table 3a: ODP Phased out by Sector, Region and Country - Completed Projects

Status	Project Title	Region	Country	Sector	Mtg.	Type	No.	UNIDO Project No.	Aerosols	Foams	Halons	Refrigeration (incl. MAC and compressors)	Solvents	Several (R + R)	Fumigants
COM	Phasing out ODS at the freezer plant of Xing Xing Electric Appliances Industrial Co.	ASP	CPR	REF	23	INV	223	CPR/97/194				348.00			
COM	Phasing out ODS at the Household Refrigerator Compressor Factory of the Guangzhou Wanbao Compressor Group	ASP	CPR	REF	20	INV	185	CPR/96/185				3.00			
COM	Conversion of ODS precision cleaning processes from CFC-113 to aqueous cleaning at Jiaxipera compressor factory	ASP	CPR	SOL	22	INV	203	CPR/97/073					76.00		
COM	Conversion of ODS cleaning processes from CFC-113 to trichloroethylene at Hangli Refrigeration Ltd.	ASP	CPR	SOL	22	INV	212	CPR/97/075					28.80		
FIN	Conversion of ODS precision cleaning processes from CFC-113 to aqueous cleaning at Huangshi Dongbei Refrigeration Co.	ASP	CPR	SOL	22	INV	213	CPR/97/074					37.60		
COM	Phasing out CFC-11 at Hamhung Foam Factory, Hamgyong South Province	ASP	DRK	FOA	23	INV	6	DRK/97/162		35.00					
COM	Phasing out CFC-11 at Pyongyang Foam Plant	ASP	DRK	FOA	23	INV	7	DRK/97/157		83.00					
COM	Phasing out CFC-11 at Chongjin Foam Factory, Hamgyong North Province	ASP	DRK	FOA	23	INV	8	DRK/97/163		32.00					
COM	Conversion of metal cleaning processes from ODS solvents to vapour degreasing at Unsan Tools Factory (UTF)	ASP	DRK	SOL	23	INV	5	DRK/97/178					110.00		
COM	Investment project for phasing out ODS at PT Naviri Kencana Perdana	ASP	IDS	FOA	19	INV	43	INS/96/116		47.80					
COM	Phasing out CFC-11 at PT Winnerfoam Abadi	ASP	IDS	FOA	22	INV	56	INS/97/104		40.00					
COM	Phasing out CFC-11 at Panca Duta foam industry	ASP	IDS	FOA	22	INV	57	INS/97/105		45.00					
COM	Phasing out CFC-11 at PT Elastino Satyajaya flexible polyurethane foam plant	ASP	IDS	FOA	22	INV	58	INS/97/103		18.00					
COM	Phasing out ODS at P.T. Jalur Sejuk	ASP	IDS	REF	22	INV	59	INS/97/106				30.85			
FIN	Phasing out of ODS at P.T. Air Tech. Co. Ltd.	ASP	IDS	REF	18	INV	35	INS/96/007				30.10			
COM	Conversion of electronic cleaning processes from ODS solvents aqueous cleaning at ITI Mankapur	ASP	IND	SOL	13	INV	25	IND/94/423					48.80		
COM	Conversion of electronic cleaning processes for ODS solvents to non-clean and hydrocarbon cleaning technologies at ERL-Bangalore	ASP	IND	SOL	18	INV	65	IND/96/034					16.40		

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FIN	Conversion of electronic cleaning processes from ODS solvents to no-clean and aqueous photo resist developing and stripping technologies at ITI Palakkad	ASP	IND	SOL	18	INV	66	IND/96/035					15.00		
FIN	Conversion of electronic cleaning processes from ODS solvents to semi-aqueous cleaning and no-clean soldering technologies at ITI, Bangalore	ASP	IND	SOL	19	INV	95	IND/96/083					7.00		
COM	DBL project Iran. Phasing out CFC-11 through conversion of rigid PU-foam manufactured with the technique of continuous lamination at Fabis, Iran Steel, Mammoth Tehran, F.M., and Urethane Systems	ASP	IRA	FOA	17	INV	11	IRA/95/126		1,200.00					
COM	Conversion of domestic refrigerator production facilities to phase-out CFC-11 and CFC-12	ASP	IRA	REF	11	INV	8	IRA/94/403 - Phase I and Phase II				757.00			
COM	Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group) at Movalled Home Appliances Co.	ASP	IRA	REF	18	INV	12	IRA/96/041				70.00			
COM	Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group) at Pars Machine Manufacturing Co.	ASP	IRA	REF	18	INV	13	IRA/96/041				62.00			
COM	Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group) at Lorestan Refrigerator Manufacturing Industries	ASP	IRA	REF	18	INV	14	IRA/96/041				94.00			
COM	Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group) at Gadook Industries, Co.	ASP	IRA	REF	18	INV	15	IRA/96/041				18.50			
COM	Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group) at Faritz, Iran	ASP	IRA	REF	18	INV	16	IRA/96/041				109.00			
COM	Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group) at Pars Monark Co.	ASP	IRA	REF	18	INV	17	IRA/96/041				18.50			
COM	Phasing out ODS at Electro Steel Co.	ASP	IRA	REF	23	INV	24	IRA/97/196				120.00			
COM	Phasing out ODS at Yakh Chavan Manufacturing Company	ASP	IRA	REF	23	INV	25	IRA/97/201				41.80			

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Table 3a: ODP Phased out by Sector, Region and Country - Completed Projects

Status	Project Title	Region	Country	Sector	Mtg.	Type	No.	UNIDO Project No.	Aerosols	Foams	Halons	Refrigeration (incl. MAC and compressors)	Solvents	Several (R + R)	Fumigants
COM	Phasing out ODS at Zagross II Co.	ASP	IRA	REF	23	INV	28	IRA/97/197				34.00			
COM	Replacement of CFC-11 foam blowing agent with HCFC-141b and CFC-12 refrigerant with HCFC-134a in manufacture of commercial refrigeration equipment at Sobouhi Refrigeration	ASP	IRA	REF	26	INV	35	IRA/98/086				30.40			
COM	Replacement of CFC-11 foam blowing agent with HCFC-141b in manufacture of commercial refrigeration equipment at Yazd Arg Metal, Yazd Sardin and Shervin Electric	ASP	IRA	REF	26	INV	37	IRA/98/087				62.20			
COM	ODS phase out at National Refrigeration Co. (NRC)	ASP	JOR	REF	13	INV	18	JOR/94/419				19.30			
COM	ODS phase out at Household Appliance Manufacturing Co. (HAMCO)	ASP	JOR	REF	13	INV	19	JOR/94/420				21.20			
COM	ODS phase out at Middle East Electrical Industries Co. Ltd.	ASP	JOR	REF	13	INV	20	JOR/94/418				23.00			
COM	Phasing out CFC at Abdin Industrial Est. Co.	ASP	JOR	REF	20	INV	29	JOR/96/194				21.50			
COM	Phasing out CFCs at the Ihsan & Tahseen Baalbaki Co.	ASP	JOR	REF	23	INV	35	JOR/97/191				66.50			
COM	Replacement of CFC-11 foam blowing agent with HCFC-141b and CFC-12 refrigerant with HCFC-134a in manufacture of commercial refrigeration equipment at six Jordanian companies	ASP	JOR	REF	26	INV	42	JOR/98/090				25.10			
COM	Replacement of CFC-11 foam blowing agent with HCFC-141b and CFC-12 refrigerant with HFC-134a in manufacture of commercial refrigeration equipment at Maurice al-Deek Co.	ASP	JOR	REF	26	INV	43	JOR/98/089				25.70			
COM	Investment project for phasing out CFCs at Zeeni's Trading Agency	ASP	LEB	ARS	19	INV	6	LEB/96/123	212.00						
FIN	Investment project for phasing out of CFCs at Cosmaline Industries s.a.al.	ASP	LEB	ARS	19	INV	5	LEB/96/122	87.70						
COM	Phasing out of CFC-11 at Nasri Karam and Sons	ASP	LEB	FOA	20	INV	9	LEB/96/178		22.00					
COM	Phasing out CFC-11 at Ets. Henri Abdallah P.F.M.	ASP	LEB	FOA	21	INV	18	LEB/97/020		16.60					
COM	Phasing out of CFCs at Lebanese Modern Industrial and Trading Co.	ASP	LEB	REF	22	INV	19	LEB/97/084				135.00			
COM	Phasing out ODS at Summer Technologies Sdn. Bhd.	ASP	MAL	FOA	23	INV	100	MAL/97/187		12.10					

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Table 3a: ODP Phased out by Sector, Region and Country - Completed Projects

Status	Project Title	Region	Country	Sector	Mtg.	Type	No.	UNIDO Project No.	Aerosols	Foams	Halons	Refrigeration (incl. MAC and compressors)	Solvents	Several (R + R)	Fumigants
COM	Phasing out ODS at Kean Chong Industries Sdn. Bhd	ASP	MAL	FOA	23	INV	101	MAL/97/189		16.30					
COM	Phasing out ODS at Visdamax Sdn. Bhd	ASP	MAL	FOA	23	INV	102	MAL/97/188		18.50					
COM	Conversion of ODS coating processes from CFC-113 to trichloroethylene and IPA at Treet Corporation Ltd., Hyderabad	ASP	PAK	SOL	22	INV	13	PAK/97/077					18.90		
COM	National CFC recovery and recycling scheme	ASP	PHI	REF	22	TAS	49	PHI/97/097						60.00	
COM	Phasing out CFCs at Gaston Banna & Sons Co.	ASP	SYR	ARS	19	INV	13	SYR/96/121	104.00						
COM	Phasing out CFCs at Careesse Cosmetics	ASP	SYR	ARS	21	INV	16	SYR/97/016	185.00						
COM	Phasing out CFCs at Al Yaman	ASP	SYR	ARS	22	INV	20	SYR/97/111	95.00						
COM	Phasing out CFCs at Ahmed Ali Harsho Sons Co.	ASP	SYR	ARS	22	INV	21	SYR/97/110	45.00						
COM	Phasing out CFCs at Taki Eddin & Co.	ASP	SYR	ARS	22	INV	22	SYR/97/112	118.80						
COM	Phasing out CFCs at Laboratories Kosmeto	ASP	SYR	ARS	23	INV	23	SYR/97/171	59.90						
COM	Phasing out CFC-11 at Dakkak Co. flexible polyurethane foam plant	ASP	SYR	FOA	19	INV	14	SYR/96/119		17.00					
COM	Investment project for phasing out CFCs at Krayem Cold Stores Co.	ASP	SYR	FOA	19	INV	15	SYR/96/086		65.00					
COM	Phasing out CFC-11 at Abdul Karim Sbei	ASP	SYR	FOA	21	INV	17	SYR/97/018		61.70					
COM	Phasing out CFC-11 at Walid and Nabil Rankousi Ltd.	ASP	SYR	FOA	21	INV	18	SYR/97/019		38.70					
COM	Phasing out of CFCs at Al Hafez Refrigeration Co.	ASP	SYR	REF	13	INV	4	SYR/94/412				100.70			
COM	Investment project for phasing out CFC at Penguin (Syrian Batric Co.)	ASP	SYR	REF	15	INV	5	SYR/95/041				77.30			
COM	Phasing out CFC at Barada General Co. for Metallic Industry	ASP	SYR	REF	15	INV	9	SYR/95/042				97.00			
COM	Phasing out of CFCs from Manufacturing of domestic and commercial refrigerators at Krayem Brothers Co.	ASP	SYR	REF	18	INV	11	SYR/96/014				89.00			
COM	Phasing out ODS at the Searefco and Searee industrial refrigeration plants of Seaprodex Co.	ASP	VIE	REF	15	INV	4	VIE/95/047				40.00			
	Total Asia and the Pacific								907.40	1,768.70	1,480.00	5,486.65	358.50	60.00	-
COM	Phasing out CFC-11 at Oriolik Co. flexible polyurethane foam plant	EUR	CRO	FOA	22	INV	4	CRO/97/079		25.00					
COM	Phasing out of CFC-11 from flexible slabstock foam manufacturing at Sileks Ad Co.	EUR	MDN	FOA	22	INV	5	MCD/97/083		280.00					

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Table 3a: ODP Phased out by Sector, Region and Country - Completed Projects

Status	Project Title	Region	Country	Sector	Mtg.	Type	No.	UNIDO Project No.	Aerosols	Foams	Halons	Refrigeration (incl. MAC and compressors)	Solvents	Several (R + R)	Fumigants
COM	Phasing out of CFC-11 from manufacturing of rigid PU sandwich panels at Sileks Ad Co.	EUR	MDN	FOA	22	INV	6	MCD/97/123		67.60					
COM	Phasing out of CFCs at the refrigerator plant of Frinko	EUR	MDN	REF	20	INV	3	MCD/96/179				104.00			
COM	Phasing out of CFCs at FARMEC SA	EUR	ROM	ARS	18	INV	5	ROM/96/012	730.00						
COM	Phasing out of CFC-11 at S.C. Spumotim S.A.	EUR	ROM	FOA	20	INV	9	ROM/96/180		30.00					
COM	Phase out ODS at the domestic refrigeration factory Arctic S.A.	EUR	ROM	REF	18	INV	6	ROM/96/033				206.70			
COM	Phasing out CFC-11 and CFC-12 in the production of domestic refrigerators and replacing them by cyclopentane and HFC-134a at Ratmil, Uzine Mecanica Sadu	EUR	ROM	REF	20	INV	10	ROM/96/209				73.30			
COM	Phasing out of CFC-11 at Urosan Kimiya Sanayii A.S.	EUR	TUR	FOA	20	INV	22	TUR/96/181		135.00					
FIN	Replacement of CFC-113 as solvent for dialyser cleaning by water and steam at Hemomed Ltd.	EUR	YUG	SOL	26	INV	8	YUG/98/076					54.60		
	Total Europe								730.00	537.60	-	384.00	54.60	-	-
FIN	Investment project for phasing out of ODS at Bandex S.A.	LAC	ARG	FOA	13	INV	9	ARG/94/410		214.00					
FIN	Phase out of ODS at CELPACK S.A.	LAC	ARG	FOA	13	INV	10	ARG/94/413		135.00					
COM	Elimination of CFCs in the manufacturing plant of domestic refrigerators of Bambi S.A., Santa Fe	LAC	ARG	REF	23	INV	67	ARG/97/184				30.60			
COM	CFC-recovery, recycling and training in refrigeration	LAC	BAR	REF	18	TAS	4	BAR/96/043						14.00	
COM	Investment project for phasing out of ODS at Frisokar Equipamentos Plasticos Ltd.	LAC	BRA	FOA	17	INV	26	BRA/95/124		42.00					
COM	Conversion of the assembly of refrigeration compressors to phase out CFC-12 and CFC/HCFC-502 by using HFC-134a and R-404a at Elgin Maquinas SA	LAC	BRA	REF	17	INV	20	BRA/95/125				-			
COM	Phasing out of CFC-12 by HFC-134a as refrigerant and CFC-11 by cyclopentane as foam blowing agent in commercial refrigeration equipment for supermarkets at Eletrofrio S/A	LAC	BRA	REF	20	INV	54	BRA/96/208				47.00			
COM	Phase out of 1,1,1 TCA at Teperman	LAC	BRA	SOL	20	INV	58	BRA/96/203					6.40		
COM	Elimination of 1,1,1 TCA used as solvent at Rodabras	LAC	BRA	SOL	20	INV	60	BRA/96/202					4.20		

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Table 3a: ODP Phased out by Sector, Region and Country - Completed Projects

Status	Project Title	Region	Country	Sector	Mtg.	Type	No.	UNIDO Project No.	Aerosols	Foams	Halons	Refrigeration (incl. MAC and compressors)	Solvents	Several (R + R)	Fumigants	
COM	Elimination of 1,1,1 TCA used for the formulation of tapping fluids at Tapmatic	LAC	BRA	SOL	20	INV	61	BRA/96/204					9.90			
FIN	Conversion of ODS cleaning processes from 1,1,1 TCA to aqueous cleaning and using trichlorethane at Elgin Maquinas SA	LAC	BRA	SOL	18	INV	39	BRA/96/040					6.00			
COM	Demonstration project: four alternatives to the use of methyl bromide: steam pasteurization, non-soil cultivation, solarization, and low-dose chemicals in combination with an IPM system	LAC	GUA	FUM	22	DEM	15	GUA/97/128							-	
COM	Phasing out of CFCs at Torrey S.A.	LAC	MEX	REF	23	INV	68	MEX/97/176				15.10				
COM	Phasing out of CFC-11 and CFC-12 with HCFC-141b and HFC 134a at Plasticos Tecnicos Mexicanos (PTM) in the manufacture of commercial refrigeration equipment	LAC	MEX	REF	25	INV	85	MEX/98/048				50.60				
FIN	Phasing out of CFCs at Criotec S.A.	LAC	MEX	REF	23	INV	67	MEX/97/175				16.00				
FIN	Phasing out of CFCs at Nieto S.A.	LAC	MEX	REF	23	INV	70	MEX/97/174				24.60				
FIN	Phasing out of CFCs at Vendo S.A.	LAC	MEX	REF	23	INV	74	MEX/97/177				16.50				
COM	Phasing out of CFC-11 and CFC-12 with HCFC-141b and HFC 134a at Fogel S.A. in the manufacture of commercial refrigeration equipment	LAC	NIC	REF	25	INV	5	NIC/98/051				9.60				
COM	Elimination of 1,1,1 trichloroethane at Faber Castell	LAC	PER	SOL	20	INV	18	PER/96/197					0.50			
COM	Elimination of 1,1,1 trichloroethane at Carbolan	LAC	PER	SOL	20	INV	19	PER/96/199					0.40			
COM	Elimination of 1,1,1 trichloroethane at Papeles Industriales	LAC	PER	SOL	20	INV	20	PER/96/200					0.50			
COM	Phasing out ODS at Decocar	LAC	VEN	FOA	22	INV	54	VEN/97/107		16.20						
COM	Phasing out ODS at Veniber C.A.	LAC	VEN	FOA	22	INV	56	VEN/97/108		21.60						
COM	Phasing out ODS at Daniven C.A.	LAC	VEN	FOA	22	INV	57	VEN/97/109		18.00						
COM	Phasing out ODS at Industrias Todos C.A., Caracas	LAC	VEN	FOA	23	INV	61	VEN/97/181		17.80						
COM	Phasing out CFC-11 and CFC-12 with HCFC-141b and HFC-134a at INVITREL in the manufacture of commercial refrigeration equipment	LAC	VEN	REF	25	INV	63	VEN/98/052				46.40				
	Total Latin America and the Caribbean								-	464.60	-	256.40	27.90	14.00	-	
	Total All Region								2,804.05	3,354.30	1,480.00	7,520.05	484.40	223.80	-	15,866.60

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TABLE 3b: Partial ODP Phase-out - By Sector, Region, Country

Status	Project Title	Region	Cntry.	Sector	Mtg.	Type	No.	UNIDO Project No.	Foam			Refrigeration (including MAC & compressors)			Solvents		
									Per proposal	Partially phased out	Phased out since last report	Per proposal	Partially phased out	Phased out since last report	Per proposal	Partially phased out	Phased out since last report
ONG	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)	AFR	SUD	REF	19	INV	6	SUD/96/138				7.30	4.75	0.00			
ONG	Elimination of CFC-12 in manufacturing of EPE foam packaging nets at 25 enterprises (umbrella project)	ASP	CPR	FOA	25	INV	248	CPR/98/054	1146.00	600.00	0.00						
ONG	Elimination of CFC-12 in manufacturing of EPE foam packaging nets at 27 enterprises (Umbrella Project)	ASP	CPR	FOA	28	INV	301	CPR/99/076	825.70	250.00	250.00						
ONG	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.	ASP	CPR	REF	17	INV	119	CPR/95/127				360.00	60.00	60.00			
ONG	Phasing out ODS at the Changshu Refrigerating Equipment Works (Baixue), Changsu	ASP	CPR	REF	23	INV	221	CPR/97/183				425.70	300.00	300.00			
ONG	Phasing out ODS at the refrigerator plant of Zhejiang Rongsheng Electric Co. Ltd., Zhejiang, Deqing Country	ASP	CPR	REF	23	INV	220	CPR/97/195				177.80	27.50	27.50			
	Totals								1971.70	850.00	250.00	970.80	392.25	387.50	0.00	0.00	0.00

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Table 4: Investment and Demonstration Projects Completed since Last Report

Project Title	Region	Country	Sector	Mtg.	Type	No.	UNIDO Project No.	ODP Phased Out	Date approved	First Disbursement Date	Date of Financial Completion	Date Completed (Actual)	Approved Funding (US\$)	Adjustment (US\$)	Funds Disbursed (US\$)	Balance (US\$)	Estimated disbursements in Current Year (US\$)
Replacement of CFC-12 with HFC-134a for domestic	AFR	ALG	REF	26	INV	30	ALG/98/094	12.80	Nov-98	Jun-99		Dec-99	167,332	-	124,518	203,827	40,000
Conversion of cleaning processes from CFC-113 and 1,1,1-TA to semi-aqueous	AFR	EGY	SOL	18	INV	53	EGY/96/038	2.10	Nov-95	Aug-99		Dec-99	48,533	-	48,628	85,028	-
Phasing out CFCs at Parfumerie Gandour D.A.F.	AFR	IVC	ARS	20	INV	7	IVC/96/187	66.00	Oct-96	Jun-97		Dec-99	106,061	-	71,621	142,556	33,000
Phasing out CFCs at Sicobel	AFR	IVC	ARS	20	INV	8	IVC/96/18	20.80	Oct-96	Jun-97		Dec-99	59,171	-	45,482	95,666	10,000
Conversion of ODS cleaning processes from TCA to aqueous cleaning and	AFR	KEN	SOL	23	INV	14	KEN/97/179	6.00	Nov-97	Aug-98		Dec-99	205,524	-	191,927	242,019	10,000
Conversion of HCFC-141b technology (rigid foam) and HFC-134a (refrigeration) in the manufacture of domestic	AFR	MOR	REF	29	INV	33	MOR/00/	38.60	Nov-99			Dec-99	434,183	0	-	470,678	430,000
Phasing out CFCs at CODIFA	AFR	TUN	ARS	22	INV	19	TUN/97/11	60.25	May-97	Sep-97		Dec-99	179,986	-	119,029	216,481	30,000
Phasing out CFCs at	AFR	TUN	ARS	23	INV	25	TUN/97/17	10.00	Nov-97	Apr-99		Dec-99	41,195	-	36,161	77,690	-
Total Africa								216.55					1,241,985	-	637,366	1,533,945	553,000
Conversion of compressor production for domestic refrigerators from CFC-12 to hydrocarbon refrigerant	ASP	CPR	REF	18	INV	145	CPR/96/032	96.00	Nov-95	Dec-96		Dec-99	1,490,000	-	1,089,299	1,526,495	400,000
Phasing out ODS at Hangzhou Huari Refrigerator Co.	ASP	CPR	REF	18	INV	147	CPR/96/042	338.00	Nov-95	Dec-96		Dec-99	2,827,911	-	2,284,784	2,864,406	500,000
Phasing out ODS at the X'ian Yuan Dong Compressor Demonstration project on alternatives to the use of	ASP	CPR	REF	19	INV	164	CPR/96/139	-	May-96	Dec-96		Jun-99	1,599,000	-	1,590,615	1,635,312	-
Conversion of ODS precision cleaning processes from CFC-113 to aqueous cleaning at	ASP	CPR	FUM	22	DEM	201	CPR/97/125	-	May-97	Sep-97		Dec-99	443,300	-	386,254	479,795	40,000
Phasing out ODS at the refrigerator plant of	ASP	CPR	SOL	22	INV	203	CPR/97/073	76.00	May-97	Oct-98		May-99	308,604	-	326,360	344,885	-
Conversion of ODS cleaning processes from CFC-113 to tri-chloroethylene at Hangli	ASP	CPR	REF	22	INV	207	CPR/97/091	423.00	May-97	Oct-97		Dec-99	2,394,178	-	1,715,601	2,430,673	690,000
Phasing out ODS at the refrigerator plant of Bole	ASP	CPR	SOL	22	INV	212	CPR/97/075	28.80	May-97	Jun-98		Dec-99	217,762	-	195,930	254,257	21,000
Phasing out ODS at the freezer plant of Xing Xing	ASP	CPR	REF	23	INV	222	CPR/97/193	132.00	Nov-97	Sep-98		Dec-99	1,469,029	-	676,589	1,505,524	440,000
Phasing out ODS at P.T.	ASP	CPR	REF	23	INV	223	CPR/97/194	348.00	Nov-97	Sep-98		Dec-99	3,346,941	-	2,128,883	3,383,436	800,000
Phasing out ODS at Electro	ASP	IDS	REF	22	INV	59	INS/97/10	30.85	May-97	Sep-97		Jun-99	171,470	-	165,314	207,782	-
Phasing out ODS at Yakh	ASP	IRA	REF	23	INV	24	IRA/97/19	120.00	Nov-97	Jun-98		Dec-99	898,159	-	541,965	934,654	350,000
Chavan Manufacturing	ASP	IRA	REF	23	INV	25	IRA/97/201	41.80	Nov-97	Jun-98		Dec-99	527,802	-	353,356	564,297	-
Phasing out ODS at Zagross IT Co.	ASP	IRA	REF	23	INV	28	IRA/97/197	34.00	Nov-97	Jun-98		Dec-99	444,858	-	294,864	481,353	120,000

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Table 4: Investment and Demonstration Projects Completed since Last Report

Project Title	Region	Cntry	Sector	Mtg.	Type	No.	UNIDO Project No.	ODP Phased Out	Date approved	First Disbursement Date	Date of Financial Completion	Date Completed (Actual)	Approved Funding (US\$)	Adjustment (US\$)	Funds Disbursed (US\$)	Balance (US\$)	Estimated disbursements in Current Year (US\$)
Replacement of CFC-11 foam blowing agent with HCFC-141b and CFC-12 refrigerant with HCFC-134a in	ASP	IRA	REF	26	INV	35	IRA/98/086	30.40	Nov-98	Jan-99		Dec-99	237,847	-	144,448	274,342	90,000
Replacement of CFC-11 foam blowing agent with HCFC-141b in manufacture of	ASP	IRA	REF	26	INV	37	IRA/98/087	62.20	Nov-98	Jan-99		Dec-99	743,990	-	59,744	780,485	500,000
Phasing out CFCs at the Ihsan & Tahseen Baalbaki	ASP	JOR	REF	23	INV	35	JOR/97/191	66.50	Nov-97	Jun-98		Jun-99	545,103	-	525,582	581,415	10,000
Replacement of CFC-11 foam blowing agent with HCFC-141b and CFC-12 refrigerant with HCFC-134a in	ASP	JOR	REF	26	INV	42	JOR/98/090	25.10	Nov-98	Apr-99		Dec-99	305,764	-	293,148	342,259	10,000
Replacement of CFC-11 foam blowing agent with HCFC-141b and CFC-12 refrigerant with HFC-134a in	ASP	JOR	REF	26	INV	43	JOR/98/089	25.70	Nov-98	Mar-99		Dec-99	336,233	-	324,325	372,728	10,000
Phasing out of CFCs at Lebanese Modern Industrial	ASP	LEB	REF	22	INV	19	LEB/97/084	135.00	May-97	Aug-97		Dec-99	1,313,121	-	999,325	1,349,616	200,000
Conversion of ODS coating processes from CFC-113 to tri-chloroethylene and IPA	ASP	PAK	SOL	22	INV	13	PAK/97/077	18.90	May-97	Oct-97		Dec-99	321,172	-	187,691	357,667	100,000
Phasing out CFCs at	ASP	SYR	ARS	23	INV	23	SYR/97/17	59.90	Nov-97	Oct-98		Oct-99	175,062	-	148,434	211,496	20,000
Total Asia and the Pacific								2,092.15					20,117,306	-	14,432,511	20,882,877	4,301,000
Phasing out of CFC-11 at Urosan Kimiya Sanavii A.S.	EUR	TUR	FOA	20	INV	22	TUR/96/181	135.00	Oct-96	Feb-97		Dec-99	643,500	-	507,669	679,995	120,000
Total Europe								135.00					643,500	-	507,669	679,995	120,000
Elimination of CFCs in the manufacturing plant of domestic refrigerators of	LAC	ARG	REF	23	INV	67	ARG/97/184	30.60	Nov-97	Jul-98		Dec-99	515,258	-	242,425	551,753	250,000
Phasing out of CFC-12 by HFC-134a as refrigerant and CFC-11 by cyclopentane as foam blowing agent in	LAC	BRA	REF	20	INV	54	BRA/96/208	47.00	Oct-96	Jul-97		Dec-99	610,650	-	498,252	647,145	-
Demonstration project: four alternatives to the use of methyl bromide: steam pasteurization, non-	LAC	GUA	FUM	22	DEM	15	GUA/97/128	-	May-97	Sep-97		Dec-99	440,000	-	298,506	476,495	90,000
Phasing out of CFCs at	LAC	MEX	REF	23	INV	68	MEX/97/17	15.10	Nov-97	Jun-98		Dec-99	228,165	-	139,634	264,660	-
Phasing out of CFC-11 and CFC-12 with HCFC-141b and HFC 134a at Plasticos Tecnicos Mexicanos (PTM) in	LAC	MEX	REF	25	INV	85	MEX/98/048	50.60	Jul-98	Nov-98		Dec-99	398,439	-	73,621	434,934	320,000

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Table 4: Investment and Demonstration Projects Completed since Last Report

Project Title	Region	Cntry	Sector	Mtg.	Type	No.	UNIDO Project No.	ODP Phased Out	Date approved	First Disbursement Date	Date of Financial Completion	Date Completed (Actual)	Approved Funding (US\$)	Adjustment (US\$)	Funds Disbursed (US\$)	Balance (US\$)	Estimated disbursements in Current Year (US\$)
Phasing out of CFC-11 and CFC-12 with HCFC-141b and HFC 134a at Fogel S.A. in the manufacture of	LAC	NIC	REF	25	INV	5	NIC/98/051	9.60	Jul-98	Oct-98		Dec-99	130,027	-	125,338	166,522	-
Phasing out CFC-11 and CFC-12 with HCFC-141b and HFC-134a at INVITREL in the manufacture of commercial	LAC	VEN	REF	25	INV	63	VEN/98/052	46.40	Jul-98	Dec-98		Dec-99	419,094	-	72,878	455,589	340,000
Total Latin America and the								199.30					2,741,633	-	1,450,654	2,997,098	1,000,000
Total All Regions								2,643.00					24,744,424	-	17,028,200	26,093,915	5,974,000
Adjustment 1: partial phase	ASP	CPR	REF	22	INV	###	CPR/97/09	(160.00)									
Adjustment 2: partial phase	ASP	JOR	REF	23	INV	###	JOR/97/19	(30.00)									
Adjusted Total - All								2,453.00									

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Table 4a: Completed Projects - ODP Phase out

Project Title	Region	Country	Sector	Mtg.	Type	No.	UNIDO Project	ODP phased	Approved Funding	Adjustment (US\$)
Preparation of a recovery and recycling projects in Benin, Botswana, Burkina Faso, Gambia,	AFR	AFR	REF	17	PRP	12	RAF/95/139	-	45,000	-
Preparatory assistance for phase out of ODS in the domestic refrigeration. production at ENIEM	AFR	ALG	SEV	12	PRP	3	ALG/94/406	-	25,000	(713)
Preparatory assistance for phase out of ODS in the aerosol production and solvent conversion at	AFR	ALG	SEV	12	PRP	4	ALG/94/409	-	25,000	(5,081)
Preparation of an investment project for the phase-out of CFC-11 in the manufacture of	AFR	ALG	FOA	15	PRP	6	ALG/95/027	-	25,000	(1,621)
Project formulation for establishment of a National Centre for recovery and recycling CFC-	AFR	ALG	REF	15	PRP	7	ALG/95/028	-	25,000	-
Preparation of an investment project for CFC phase-out in the production of rigid foam at	AFR	ALG	FOA	15	PRP	8	ALG/95/026	-	25,000	(4,278)
Investment project for phasing out CFCs at Entreprise Nationale des Industries de	AFR	ALG	REF	15	INV	9	ALG/95/025	425.00	6,589,550	-
Investment project for phasing out CFCs at Entreprise nationale des Detergents (ENAD-Lames)	AFR	ALG	SOL	17	INV	10	ALG/95/123	5.60	109,900	-
Project formulation for phasing out ODS in small and medium-scale industries	AFR	ALG	SEV	17	PRP	11	ALG/95/130	-	50,000	-
Phasing out of CFCs at Entreprise Nationale des	AFR	ALG	ARS	18	INV	12	ALG/96/005	150.00	614,850	-
Phasing out CFC-11 in the manufacture of sandwich panels by discontinuous method at	AFR	ALG	FOA	19	INV	13	ALG/96/084	82.00	434,500	-
Phasing out CFC-11 in the manufacture of sandwich panels at Batimetal Beni Mansour	AFR	ALG	FOA	19	INV	14	ALG/96/085	110.00	496,650	-
Phasing out CFCs at Etablissement Has Mohamed	AFR	ALG	ARS	20	INV	15	ALG/96/191	22.50	82,018	-
Phasing out CFCs at Vague de Fraicheur	AFR	ALG	ARS	20	INV	16	ALG/96/189	51.40	164,623	-
Phasing out CFCs at Ets. Wouroud	AFR	ALG	ARS	20	INV	17	ALG/96/190	47.00	187,772	-
Phasing out CFCs at Laboratoire Bendi	AFR	ALG	ARS	20	INV	18	ALG/96/192	19.20	56,790	-
Phasing out CFCs at Ets. COPHYD	AFR	ALG	ARS	20	INV	19	ALG/96/193	15.00	53,024	(1,373)
Project formulation of investment projects in the aerosol, foam and refrigeration sectors	AFR	ALG	SEV	21	PRP	20	ALG/97/040	-	50,000	-
Phasing out CFC-11 at Snam flexible polyurethane	AFR	ALG	FOA	22	INV	22	ALG/97/080	32.00	88,360	-
Phasing out CFC-11 at Sammo flexible	AFR	ALG	FOA	22	INV	23	ALG/97/082	24.00	98,770	-
Replacement of CFC-12 with HFC 134a for commercial refrigeration at Enapat	AFR	ALG	REF	25	INV	26	ALG/98/043	9.20	139,932	-
Replacement of CFC-12 with HFC-134a for domestic refrigeration at Enapem	AFR	ALG	REF	26	INV	30	ALG/98/094	12.80	167,332	-
Refrigerant recovery and recycling scheme	AFR	BEN	REF	22	TAS	4	BEN/97/093	12.90	114,000	-
Refrigerant recovery and recycling scheme	AFR	BKF	REF	22	TAS	5	BKF/97/094	15.48	96,000	-
Preparation of a demonstration project (grain	AFR	BOT	FUM	24	PRP	4	GLO/96/217	-	25,000	-
Preparation of an investment project proposal for phase out of CFCs at FAEM, Cameroun	AFR	CMR	REF	11	PRP	4	CMR/94/018	-	20,000	(2,074)

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Table 4a: Completed Projects - ODP Phase out

Project Title	Region	Country	Sector	Mtg.	Type	No.	UNIDO Project	ODP phased	Approved Funding	Adjustment (US\$)
Phase out of CFC at FAEM.SA	AFR	CMR	REF	13	INV	5	CMR/94/411	62.00	1,935,860	-
Preparation of project for phasing out CFC-11 in the manufacture of domestic refrigerators, freezers and air-conditioners at Union	AFR	CMR	REF	15	PRP	6	CMR/95/022	-	25,000	-
Phasing out of CFCs at Union Camerounaise	AFR	CMR	REF	18	INV	7	CMR/96/006	115.10	1,321,400	-
Preparation of demonstration project (tobacco,	AFR	CMR	FUM	24	PRP	13	GLO/96/217	-	25,000	-
Preparatory assistance for elimination of CFCs in manufacturing foams at Advechems and El Fateh	AFR	EGY	REF	9	TAS	11	EGY/93/094	-	50,000	(9,354)
Institutional strengthening unit for the Montreal Protocol related activities	AFR	EGY	SEV	10	INS	14	EGY/93/149	-	263,450	-
Elimination of CFC-12 in the manufacture of extruded polystyrene foam at (ADVECHEMS)	AFR	EGY	FOA	10	INV	16	EGY/93/138	183.30	904,000	-
Phasing out ODS at the refrigerator plants of	AFR	EGY	REF	13	INV	32	EGY/94/417	117.00	2,611,986	-
Phasing out ODS at the Electrostar for	AFR	EGY	REF	13	INV	33	EGY/94/415	51.00	1,450,585	-
Preparatory assistance for phase out of ODS in production of household refrigeration at	AFR	EGY	REF	13	PRP	34	EGY/94/414	-	15,000	3,364
Phasing out ODS at the Kiriazi Refrigerators	AFR	EGY	REF	13	INV	35	EGY/94/416	137.00	1,643,040	-
Phasing out ODS at Helwan Company for Metallic Appliances domestic refrigeration plant	AFR	EGY	REF	15	INV	38	EGY/95/038	7.50	644,239	-
Phasing out ODS at Super Bosh Factory domestic	AFR	EGY	REF	15	INV	39	EGY/95/038	13.00	760,066	-
Phasing out ODS at Islamic Company for Industrialization (Siltal) domestic	AFR	EGY	REF	15	INV	40	EGY/95/038	26.00	866,633	-
Phasing out ODS at Société Mondiale pour Refroidissement (Alaska) domestic refrigeration	AFR	EGY	REF	15	INV	41	EGY/95/038	55.00	1,518,606	-
Phasing out ODS at International Co. for Refrigeration and Appliances (Iberna) domestic	AFR	EGY	REF	15	INV	42	EGY/95/038	19.00	852,738	-
Phasing out ODS at El Nasr Company for Electric and Electronic Apparatus (Philips) domestic	AFR	EGY	REF	15	INV	43	EGY/95/038	22.50	854,690	-
Conversion of electronic cleaning processes from ODS solvents to non-ODS cleaning at 3 electronic	AFR	EGY	SOL	18	INV	52	EGY/96/037	13.70	227,203	-
Conversion of cleaning processes from CFC-113 and 1,1,1 TCA to semi-aqueous cleaning at Arab	AFR	EGY	SOL	18	INV	53	EGY/96/038	2.10	48,533	-
Conversion of cleaning processes from 1,1,1 TCA to aqueous cleaning at Siltal	AFR	EGY	SOL	18	INV	54	EGY/96/039	2.00	48,784	-
Conversion of cleaning processes from 1,1,1 TCA to aqueous cleaning at Technopol	AFR	EGY	SOL	19	INV	56	EGY/96/089	6.00	125,249	-
Conversion of cleaning processes from 1,1,1 TCA to cleaning in perchloroethylene at Abbasol	AFR	EGY	SOL	19	INV	57	EGY/96/088	8.00	154,544	-
Institutional strengthening project for the Montreal Protocol related activities (Phase II)	AFR	EGY	SEV	21	INS	61	EGY/96/048	-	43,900	131,730
Preparatory assistance for phase out of ODS in the production of household refrigerators at	AFR	EGY	REF	9	TAS	63	EGY/93/121	-	50,000	6,602
Refrigeration recovery and recycling scheme	AFR	GAM	REF	22	TAS	5	GAM/97/095	7.70	68,000	-

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Table 4a: Completed Projects - ODP Phase out

Project Title	Region	Country	Sector	Mtg.	Type	No.	UNIDO Project	ODP phased	Approved Funding	Adjustment (US\$)
Refrigerant recovery and recycling scheme	AFR	GUI	REF	22	TAS	4	GUI/97/096	12.90	80,780	-
ODS phase-out of a foam producing plant (Fabrique Ivoirienne de mousse et amablement)	AFR	IVC	SEV	17	PRP	5	IVC/95/133	-	10,000	(403)
Phasing out CFC-11 at F.I.M.A. flexible	AFR	IVC	FOA	19	INV	6	IVC/96/118	53.10	85,087	-
Phasing out CFCs at Parfumerie Gandour D.A.F.	AFR	IVC	ARS	20	INV	7	IVC/96/187	66.00	106,061	-
Phasing out CFCs at Sicobel	AFR	IVC	ARS	20	INV	8	IVC/96/188	20.80	59,171	-
Preparation of an investment project in the domestic refrigeration (hydrocarbon) sector for CFC-phase out project at Kenya Cold Storages Ltd. and subsidiary companies: Hall Equatorial, Premier Refrigeration and Engineering.	AFR	IVC	REF	24	PRP	11	IVC/98/162	-	20,000	-
Identification and preparation of projects in the solvents and aerosols sectors	AFR	KEN	REF	11	INV	6	KEN/94/401	40.80	380,875	130,354
Phase out CFCs at Aesthetics Ltd.	AFR	KEN	SEV	17	PRP	7	KEN/95/137	-	15,000	(961)
Phasing out CFCs at Mirage Industries Ltd.	AFR	KEN	ARS	19	INV	10	KEN/96/124	107.00	55,000	-
Conversion of ODS cleaning processes from TCA to aqueous cleaning and cleaning in TCE at Kenyan	AFR	KEN	ARS	19	INV	11	KEN/96/125	51.00	47,250	-
Preparation of a demonstration project in the Project formulation of investment projects in domestic refrigeration and methyl bromide	AFR	KEN	SOL	23	INV	14	KEN/97/179	6.00	205,524	-
Preparation of investment project in the commercial refrigeration sector for Allom du	AFR	MOR	FUM	21	PRP	15	GLO/96/217	-	10,000	15,000
Conversion of HCFC-141b technology (rigid foam) and HFC-134a (refrigeration) in the manufacture of domestic refrigerators and freezers at Manar	AFR	MOR	SEV	21	PRP	7	MOR/97/046	-	22,150	-
Preparation of projects in commercial	AFR	MOR	REF	24	PRP	20	MOR/98/013	-	15,000	-
Preparation of CFC phase out strategy for refrigeration and A/C industries and services	AFR	MOR	REF	29	INV	33	MOR/00/	38.60	434,183	0
Phasing out of CFCs at Debo Industries Ltd.	AFR	MOZ	REF	15	PRP	2	MOZ/95/044	-	15,000	(1,718)
Phasing out of CFCs at Thermocool Eng. Co. Ltd.	AFR	NIR	REF	11	TAS	7	NIR/94/408	-	100,000	-
Preparation of an investment project in the foam	AFR	NIR	REF	18	INV	10	NIR/96/011	52.00	1,048,053	-
Refrigerant recovery and recycling scheme	AFR	NIR	REF	18	INV	11	NIR/96/010	82.00	1,465,750	-
Preparation of a demonstration project (tobacco,	AFR	SEN	FOA	18	PRP	5	SEN/96/023	-	10,000	(559)
Preparation of a project proposal for setting up a national refrigerant recovery and recycling	AFR	SEN	REF	22	TAS	8	SEN/97/098	36.12	136,250	-
Preparation of investment projects in the refrigeration, aerosol and foam sectors	AFR	SEN	FUM	25	PRP	11	GLO/96/217	-	30,000	-
Preparation of investment projects in the refrigeration, aerosol and foam sectors	AFR	SEY	SEV	15	PRP	3	SEY/95/074	-	15,000	-
Phasing out of CFCs at Sudanese Cosmetics and	AFR	SUD	SEV	14	PRP	3	SUD/95/035	-	50,000	(5,513)
Phasing out of CFC-11 at Patra Foam Co. flexible polyurethane foam plant	AFR	SUD	ARS	18	INV	4	SUD/96/013	281.50	497,613	-
Preparation of Refrigerant Management Plan	AFR	SUD	FOA	19	INV	5	SUD/96/117	16.00	72,227	-
Preparatory assistance for phase out of ODS in the domestic refrigeration production at	AFR	SUD	REF	23	PRP	7	SUD/98/027	-	10,000	20,000
	AFR	SWA	REF	15	PRP	2	SWA/95/014	-	25,000	(13,327)

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Table 4a: Completed Projects - ODP Phase out

Project Title	Region	Country	Sector	Mtg .	Type	No.	UNIDO Project	ODP phased	Approved Funding	Adjustment (US\$)
Preparation of investment projects in the aerosol, foam, domestic refrigeration and	AFR	TUN	SEV	17	PRP	13	TUN/95/140	-	30,000	(1,742)
Phasing out CFCs at Jasminal Laboratories	AFR	TUN	ARS	19	INV	14	TUN/96/126	86.00	210,000	-
Phasing out CFCs at Satem Parfums et Produits	AFR	TUN	ARS	19	INV	15	TUN/96/127	29.00	119,500	-
Phasing out CFC-11 at Meublatex	AFR	TUN	FOA	19	INV	16	TUN/96/120	28.00	105,000	-
Umbrella project to phase out ODS at the six small refrigerator manufacturers	AFR	TUN	REF	19	INV	17	TUN/96/104	78.50	764,557	-
Project formulation in the aerosol, foam, solvents and methyl bromide sectors	AFR	TUN	SEV	21	PRP	18	TUN/97/047	-	27,150	-
Phasing out CFCs at CODIFA	AFR	TUN	ARS	22	INV	19	TUN/97/113	60.25	179,986	-
Phasing out CFC-11 at Sotrapoc flexible	AFR	TUN	FOA	23	INV	24	TUN/97/168	20.00	90,037	-
Phasing out CFCs at Parhycos, Sfax, Tunisia	AFR	TUN	ARS	23	INV	25	TUN/97/173	10.00	41,195	-
Phasing out CFC-11 at Polymousse flexible	AFR	TUN	FOA	23	INV	26	TUN/97/169	35.00	104,343	-
Terminal umbrella project to phase out ODS at 7 manufacturers of commercial and domestic refrigerators (Chahed Refrigeration, Sogima, Sotiem Rei Frigo BAF So iete Moderne	AFR	TUN	REF	23	INV	27	TUN/97/159	29.00	374,111	-
Preparation of a refrigerant management plan	AFR	TUN	REF	24	PRP	30	TUN/98/014	-	30,000	-
Preparatory assistance for phase out of ODS in the domestic refrigeration. production	AFR	URT	REF	15	PRP	2	URT/95/033	-	10,000	(67)
Preparation of investment project in aerosol	AFR	URT	ARS	15	PRP	3	URT/95/020	-	10,000	(1,471)
Phasing out of CFCs at Mansoor Daya Chemicals	AFR	URT	ARS	18	INV	5	URT/96/016	150.00	417,163	(2,796)
Preparation of training and certification programmes for refrigeration technicians and preparation of investment projects for the	AFR	ZAM	REF	15	TAS	3	ZAM/96/046	17.70	82,100	(5,746)
Preparation of investment projects in the refrigeration, air conditioning and	AFR	ZIM	SEV	14	PRP	3	ZIM/95/036	-	40,000	(526)
CFC refrigerant recovery and reclaim project	AFR	ZIM	REF	17	TAS	4	ZIM/95/128	47.00	312,300	(637)
Project formulation in the methyl bromide sector	AFR	ZIM	FUM	22	PRP	11	GLO/96/217	-	8,000	-
Total Africa								3,336.25	34,293,993	247,090
Elimination of ODS used in the production of compressors for household refrigerators at	ASP	CPR	SEV	9	PRP	28	CPR/94/405	-	36,000	4,294
Conversion from halon 1211 to ABC dry powder and foam water spray at Nanjing Fire Fighting	ASP	CPR	HAL	15	INV	104	CPR/95/040	#####	496,000	-
Conversion of domestic refrigerator and freezer factories to phase out CFC-12 and CFC-11 at	ASP	CPR	REF	15	PRP	105	CPR/95/039	-	25,000	(9,013)
Project formulation of investment projects in the halon sector in the 3 fire equipment factories (Xiangshan, Xiangshan No. 1 and Dalian	ASP	CPR	SEV	17	PRP	132	CPR/95/134	-	100,000	-
Workshop on domestic and commercial refrigerator compressor conversion	ASP	CPR	REF	17	TRA	133	CPR/95/141	-	40,000	237
Formulation of investment projects in the	ASP	CPR	OTH	18	PRP	144	CPR/96/053	-	50,000	-

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Table 4a: Completed Projects - ODP Phase out

Project Title	Region	Country	Sector	Mtg.	Type	No.	UNIDO Project	ODP phased	Approved Funding	Adjustment (US\$)
Conversion of compressor production for domestic refrigerators from CFC-12 to hydrocarbon	ASP	CPR	REF	18	INV	145	CPR/96/032	96.00	1,490,000	-
Phasing out ODS at Hangzhou Huari Refrigerator	ASP	CPR	REF	18	INV	147	CPR/96/042	338.00	2,827,911	-
Formulation of investment projects in the refrigeration sector with particular attention to domestic refrigeration and compressor	ASP	CPR	REF	18	PRP	151	CPR/96/028	-	55,000	-
Phasing out ODS at the X'ian Yuan Dong	ASP	CPR	REF	19	INV	164	CPR/96/139	-	1,599,000	-
Phasing out ODS at the compressor factory of the Huangshi Dongbei Refrigeration Co.	ASP	CPR	REF	19	INV	165	CPR/96/087	60.00	899,030	-
Phasing out ODS at the refrigerator plant of Aucma Electric Appliances Group Co.	ASP	CPR	REF	20	INV	173	CPR/96/184	708.00	2,914,904	-
Project preparation in the refrigeration (including compressors), solvents and methyl	ASP	CPR	SEV	21	PRP	190	CPR/97/050	-	182,140	-
Preparatory assistance for phase out of ODS in tobacco expansion in China	ASP	CPR	OTH	9	TAS	193	CPR/93/107	-	72,000	4,499
Substituting halon in fire fighting equipment at	ASP	CPR	HAL	9	PRP	194	CPR/94/404	-	36,000	(6,972)
Phasing out ODS at the refrigeration plant of	ASP	CPR	REF	22	INV	196	CPR/97/078	849.00	3,247,877	-
Demonstration project on alternatives to the use of methyl bromide in soil fumigation	ASP	CPR	FUM	22	DEM	201	CPR/97/125	-	443,300	-
Conversion of ODS precision cleaning processes from CFC-113 to aqueous cleaning at Jiaxipera	ASP	CPR	SOL	22	INV	203	CPR/97/073	76.00	308,604	-
Phasing out ODS at the Hualing refrigerator	ASP	CPR	REF	22	INV	204	CPR/97/092	280.00	879,788	-
Phasing out ODS at the refrigerator plant of Zerowatt Electric Appliances Group	ASP	CPR	REF	22	INV	207	CPR/97/091	423.00	2,394,178	-
Phasing out ODS at the Zel Tianjin Compressor	ASP	CPR	REF	22	INV	211	CPR/97/090	30.00	962,175	-
Conversion of ODS cleaning processes from CFC-113 to trichloroethylene at Hangli Refrigeration	ASP	CPR	SOL	22	INV	212	CPR/97/075	28.80	217,762	-
Conversion of ODS precision cleaning processes from CFC-113 to aqueous cleaning at Huangshi	ASP	CPR	SOL	22	INV	213	CPR/97/074	37.60	236,242	-
Phasing out ODS at the refrigerator plant of Bole Electric Appliances Group	ASP	CPR	REF	23	INV	222	CPR/97/193	132.00	1,469,029	-
Phasing out ODS at the freezer plant of Xing Xing Electric Appliances Industrial Co.	ASP	CPR	REF	23	INV	223	CPR/97/194	348.00	3,346,941	-
Preparation of a sectoral strategy in the	ASP	CPR	OTH	24	PRP	237	CPR/98/167	-	200,000	-
Phasing out ODS at the Household Refrigerator Compressor Factory of the Guangzhou Wanbao	ASP	CPR	REF	20	INV	.	CPR/96/185	3.00	2,250,000	-
Preparation of a demonstration project in the	ASP	DRK	FUM	23	PRP	4	GLO/96/217	-	15,000	10,000
Conversion of metal cleaning processes from ODS solvents to vapour degreasing at Unsan Tools	ASP	DRK	SOL	23	INV	5	DRK/97/178	110.00	311,922	-
Phasing out CFC-11 at Hamhung Foam Factory, Hamgyong South Province	ASP	DRK	FOA	23	INV	6	DRK/97/162	35.00	102,680	-
Phasing out CFC-11 at Pyongyang Foam Plant	ASP	DRK	FOA	23	INV	7	DRK/97/157	83.00	103,570	-

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Table 4a: Completed Projects - ODP Phase out

Project Title	Region	Country	Sector	Mtg.	Type	No.	UNIDO Project	ODP phased	Approved Funding	Adjustment (US\$)
Phasing out CFC-11 at Chongjin Foam Factory, Hamgyong North Province	ASP	DRK	FOA	23	INV	8	DRK/97/163	32.00	103,670	-
Non-investment project: promotion and information transfer of alternatives to the use of methyl bromide in the preparation of seedbeds	ASP	DRK	FUM	25	TAS	9	DRK/98/063	-	27,500	-
Phasing out of ODS at P.T. Air Tech. Co. Ltd.	ASP	IDS	REF	18	INV	35	INS/96/007	30.10	409,850	-
Investment project for phasing out ODS at PT	ASP	IDS	FOA	19	INV	43	INS/96/116	47.80	377,382	-
Phasing out CFC-11 at PT Winnerfoam Abadi	ASP	IDS	FOA	22	INV	56	INS/97/104	40.00	79,472	-
Phasing out CFC-11 at Panca Duta foam industry	ASP	IDS	FOA	22	INV	57	INS/97/105	45.00	86,955	-
Phasing out CFC-11 at PT Elastino Satyajaya flexible polyurethane foam plant	ASP	IDS	FOA	22	INV	58	INS/97/103	18.00	75,943	-
Phasing out ODS at P.T. Jalur Sejuk	ASP	IDS	REF	22	INV	59	INS/97/106	30.85	171,470	-
Preparation of a demonstration project in the methyl bromide sector (tobacco, tomatoes,	ASP	IDS	FUM	23	PRP	69	GLO/96/217	-	10,000	20,000
Feasibility study for recovery/recycling of CFC	ASP	IND	REF	10	TAS	5	IND/93/163	-	55,000	(42,939)
Project formulation for phasing out ODS in the	ASP	IND	SEV	10	PRP	6	IND/93/164	-	55,000	-
Project formulation for the conversion of electronic cleaning processes from CFC-	ASP	IND	SOL	10	PRP	7	IND/93/162	-	74,000	-
113/alcohol blended and 1.1.1 trichlorethane to Conversion of electronic cleaning processes from	ASP	IND	SOL	13	INV	25	IND/94/423	48.80	610,160	-
ODS solvents aqueous cleaning at ITI Mankapur	ASP	IND	SOL	18	INV	65	IND/96/034	16.40	192,421	-
Conversion of electronic cleaning processes for ODS solvents to non-clean and hydrocarbon	ASP	IND	SOL	18	INV	66	IND/96/035	15.00	235,744	5,652
Conversion of electronic cleaning processes from ODS solvents to no-clean and aqueous photo	ASP	IND	SOL	19	INV	95	IND/96/083	7.00	107,954	(978)
resist developing and stripping technologies at Conversion of electronic cleaning processes from	ASP	IND	SOL	19	INV	95	IND/96/083	7.00	107,954	(978)
ODS solvents to semi-aqueous cleaning and no-clean soldering technologies at ITI, Bangalore	ASP	IRA	REF	9	PRP	7	IRA/93/093	-	50,000	13,633
Preparatory assistance for phase out of ODS in domestic refrigeration industry	ASP	IRA	REF	11	INV	8	IRA/94/403	757.00	3,228,395	5,677,995
Conversion of domestic refrigerator production facilities to phase-out CFC-11 and CFC-12	ASP	IRA	REF	11	INV	8	IRA/94/403 - Phase I and Phase			
Preparation of investment project for phase-out of CFC-11 and CFC-12 in the commercial and small	ASP	IRA	REF	15	PRP	9	IRA/95/021	-	50,000	-
Preparation of investment projects in the foam	ASP	IRA	SEV	17	PRP	10	IRA/96/132	-	32,065	698
DBL project Iran.	ASP	IRA	FOA	17	INV	11	IRA/95/126	1,200.00	2,571,250	-
Phasing out CFC-11 through conversion of rigid PU-foam manufactured with the technique of	ASP	IRA	REF	18	INV	12	IRA/96/041	70.00	607,732	-
continuous lamination at Eabis Iran Steel Conversion of domestic refrigerator production	ASP	IRA	REF	18	INV	12	IRA/96/041	70.00	607,732	-
facilities to phase out CFC-12 and CFC-11 (2nd	ASP	IRA	REF	18	INV	12	IRA/96/041	70.00	607,732	-

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Table 4a: Completed Projects - ODP Phase out

Project Title	Region	Country	Sector	Mtg.	Type	No.	UNIDO Project	ODP phased	Approved Funding	Adjustment (US\$)
Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group)	ASP	IRA	REF	18	INV	13	IRA/96/041	62.00	608,605	-
Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group) at Lorestan Refrigerator Manufacturing	ASP	IRA	REF	18	INV	14	IRA/96/041	94.00	615,018	-
Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group)	ASP	IRA	REF	18	INV	15	IRA/96/041	18.50	373,838	-
Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group)	ASP	IRA	REF	18	INV	16	IRA/96/041	109.00	612,504	-
Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group)	ASP	IRA	REF	18	INV	17	IRA/96/041	18.50	369,939	-
Project formulation in the commercial refrigeration sector (remaining enterprises),	ASP	IRA	SEV	21	PRP	19	IRA/97/032	-	50,000	-
Phasing out ODS at Electro Steel Co.	ASP	IRA	REF	23	INV	24	IRA/97/196	120.00	898,159	-
Phasing out ODS at Yakh Chavan Manufacturing	ASP	IRA	REF	23	INV	25	IRA/97/201	41.80	527,802	-
Phasing out ODS at Zagross II Co.	ASP	IRA	REF	23	INV	28	IRA/97/197	34.00	444,858	-
Preparation of a demonstration project in the	ASP	IRA	FUM	23	PRP	33	GLO/96/217	-	10,000	15,000
Replacement of CFC-11 foam blowing agent with HCFC-141b and CFC-12 refrigerant with HCFC-134a in manufacture of commercial refrigeration	ASP	IRA	REF	26	INV	35	IRA/98/086	30.40	237,847	-
Replacement of CFC-11 foam blowing agent with HCFC-141b in manufacture of commercial	ASP	IRA	REF	26	INV	37	IRA/98/087	62.20	743,990	-
refrigeration equipment at Yazd Arg Metal. Yazd	ASP	JOR	REF	10	PRP	16	JOR/93/142	-	90,000	(15,049)
Preparation of investment project for phase out of ODS in selected industries in the	ASP	JOR	REF	13	INV	18	JOR/94/419	19.30	813,887	-
ODS phase out at National Refrigeration Co.	ASP	JOR	REF	13	INV	19	JOR/94/420	21.20	775,602	-
ODS phase out at Household Appliance	ASP	JOR	REF	13	INV	20	JOR/94/418	23.00	883,153	-
ODS phase out at Middle East Electrical	ASP	JOR	REF	20	INV	29	JOR/96/194	21.50	116,928	-
Phasing out CFC at Abdin Industrial Est.Co.	ASP	JOR	REF	23	INV	35	JOR/97/191	66.50	545,103	-
Phasing out CFCs at the Ihsan & Tahseen Baalbaki	ASP	JOR	FUM	23	PRP	36	GLO/96/217	-	10,000	15,000
Preparation of a demonstration project in the	ASP	JOR	REF	24	PRP	39	JOR/98/018	-	30,000	-
Preparation of refrigerant management plan	ASP	JOR	REF	26	INV	42	JOR/98/090	25.10	305,764	-
Replacement of CFC-11 foam blowing agent with HCFC-141b and CFC-12 refrigerant with HCFC-134a in manufacture of commercial refrigeration	ASP	JOR	REF	26	INV	43	JOR/98/089	25.70	336,233	-
Replacement of CFC-11 foam blowing agent with HCFC-141b and CFC-12 refrigerant with HFC-134a in manufacture of commercial refrigeration	ASP	JOR	REF	27	PRP	45	JOR/99/054	-	5,000	-
Preparation of investment projects in the commercial refrigeration sector	ASP	LEB	ARS	16	PRP	2	LEB/95/070	-	15,000	(8,794)
Project formulation for phase out of ODS in aerosol sector (Cosmaline Industries S.A.)										

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Table 4a: Completed Projects - ODP Phase out

Project Title	Region	Country	Sector	Mtg.	Type	No.	UNIDO Project	ODP phased	Approved Funding	Adjustment (US\$)
Project formulation for phase out of ODS in the refrigeration sector (Weather-mate and OPACO	ASP	LEB	REF	16	PRP	3	LEB/95/072	-	15,000	-
Project formulation for the phase out of ODS in the foam sector in 2 plants (Ets. Henri Abdallah	ASP	LEB	FOA	16	PRP	4	LEB/95/071	-	20,000	(7,378)
Investment project for phasing out of CFCs at Cosmaline Industries s.a.al.	ASP	LEB	ARS	19	INV	5	LEB/96/122	87.70	212,500	-
Investment project for phasing out CFCs at	ASP	LEB	ARS	19	INV	6	LEB/96/123	212.00	361,900	-
Phasing out of CFC-11 at Nasri Karam and Sons	ASP	LEB	FOA	20	INV	9	LEB/96/178	22.00	100,109	-
Phasing out CFC-11 at Ets. Henri Abdallah P.F.M.	ASP	LEB	FOA	21	INV	18	LEB/97/020	16.60	81,291	-
Phasing out of CFCs at Lebanese Modern	ASP	LEB	REF	22	INV	19	LEB/97/084	135.00	1,313,121	-
Preparation of an investment project in the foam	ASP	MAL	FOA	18	PRP	69	MAL/96/020	-	40,000	-
Phasing out ODS at Summer Technologies Sdn. Bhd.	ASP	MAL	FOA	23	INV	100	MAL/97/187	12.10	89,407	-
Phasing out ODS at Kean Chong Industries Sdn.	ASP	MAL	FOA	23	INV	101	MAL/97/189	16.30	107,819	-
Phasing out ODS at Visdamax Sdn. Bhd	ASP	MAL	FOA	23	INV	102	MAL/97/188	18.50	139,959	-
Preparation of investment projects in the foam sector (rigid polyurethane) for Chon Son, Ngui	ASP	MAL	FOA	24	PRP	110	MAL/98/024	-	20,000	-
Strategy for ODS phase out in refrigeration	ASP	PAK	REF	12	TAS	3	PAK/95/043	-	50,000	-
Conversion of ODS coating processes from CFC-113 to trichloroethylene and IPA at Treet	ASP	PAK	SOL	22	INV	13	PAK/97/077	18.90	321,172	-
Preparation of a recovery and recycling project in the refrigeration sector	ASP	PHI	REF	18	PRP	40	PHI/96/031	-	15,000	543
National CFC recovery and recycling scheme	ASP	PHI	REF	22	TAS	49	PHI/97/097	60.00	557,500	-
Preparation of the Country Programme	ASP	QAT	SEV	21	CPG	1	QAT/97/062	-	80,000	-
Preparatory assistance for phase out of ODS in the domestic refrigeration industry	ASP	SYR	SEV	9	PRP	2	SYR/93/118	-	35,000	(60)
Phasing out of CFCs at Al Hafez Refrigeration	ASP	SYR	REF	13	INV	4	SYR/94/412	100.70	2,883,277	-
Investment project for phasing out CFC at	ASP	SYR	REF	15	INV	5	SYR/95/041	77.30	1,719,900	-
Preparation of investment project for phasing out CFC in manufacturing of refrigerators at	ASP	SYR	REF	15	PRP	6	SYR/95/008	-	15,000	(734)
Preparation of investment project for phasing out CFC-11 from the manufacturing of pre-fabricated sandwich panels at Kravem Cold Stores	ASP	SYR	FOA	15	PRP	7	SYR/95/007	-	15,000	(1,426)
Phasing out CFC at Barada General Co. for	ASP	SYR	REF	15	INV	9	SYR/95/042	97.00	989,650	-
Preparation of an investment project in the	ASP	SYR	ARS	18	PRP	10	SYR/96/024	-	25,000	(785)
Phasing out of CFCs from Manufacturing of domestic and commercial refrigerators at Kravem	ASP	SYR	REF	18	INV	11	SYR/96/014	89.00	1,071,575	-
Phasing out CFCs at Gaston Banna & Sons Co.	ASP	SYR	ARS	19	INV	13	SYR/96/121	104.00	299,500	-
Phasing out CFC-11 at Dakkak Co. flexible	ASP	SYR	FOA	19	INV	14	SYR/96/119	17.00	96,553	-
Investment project for phasing out CFCs at	ASP	SYR	FOA	19	INV	15	SYR/96/086	65.00	644,600	-
Phasing out CFCs at Careesse Cosmetics	ASP	SYR	ARS	21	INV	16	SYR/97/016	185.00	272,621	-
Phasing out CFC-11 at Abdul Karim Sbei	ASP	SYR	FOA	21	INV	17	SYR/97/018	61.70	92,256	-
Phasing out CFC-11 at Walid and Nabil Rankousi	ASP	SYR	FOA	21	INV	18	SYR/97/019	38.70	86,782	-
Phasing out CFCs at Al Yaman	ASP	SYR	ARS	22	INV	20	SYR/97/111	95.00	216,128	-

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Table 4a: Completed Projects - ODP Phase out

Project Title	Region	Country	Sector	Mtg .	Type	No.	UNIDO Project	ODP phased	Approved Funding	Adjustment (US\$)
Phasing out CFCs at Ahmed Ali Harsho Sons Co.	ASP	SYR	ARS	22	INV	21	SYR/97/110	45.00	175,328	-
Phasing out CFCs at Taki Eddin & Co.	ASP	SYR	ARS	22	INV	22	SYR/97/112	118.80	244,203	-
Phasing out CFCs at Laboratories Kosmeto	ASP	SYR	ARS	23	INV	23	SYR/97/171	59.90	175,062	-
Preparation of a demonstration project in the	ASP	SYR	FUM	23	PRP	27	GLO/96/217	-	10,000	15,000
Project formulation in the methyl bromide sector	ASP	THA	FUM	22	PRP	65	GLO/96/217	-	8,000	-
Phasing out ODS at the Searefico and Searee industrial refrigeration plants of Seaprodex Co.	ASP	VIE	REF	15	INV	4	VIE/95/047	40.00	497,070	-
Preparation of project proposals for the reduction of refrigerant emission and establishment of collection and reclaiming	ASP	VIE	REF	15	PRP	5	VIE/95/012	-	15,000	(14,776)
Preparation of investment project for reduction of refrigerant emissions and conversion of food processing and other industrial refrigeration	ASP	VIE	REF	15	PRP	6	VIE/95/011	-	20,000	(11,182)
Project formulation in the methyl bromide sector	ASP	VIE	FUM	22	PRP	16	GLO/96/217	-	8,000	-
Total Asia and the Pacific								10,061.25	59,083,529	5,662,465
Country Programme Preparation	EUR	BHE	SEV	21	CPG	1	BIH/97/061	-	80,000	-
Project formulation of investment projects in	EUR	CRO	FOA	21	PRP	3	CRO/97/041	-	30,000	-
Phasing out CFC-11 at Oriolik Co. flexible	EUR	CRO	FOA	22	INV	4	CRO/97/079	25.00	110,780	-
Preparation of a refrigerant management plan	EUR	CRO	REF	24	PRP	6	CRO/98/020	-	30,000	-
Preparation of a demonstration project (tobacco,	EUR	CRO	FUM	24	PRP	7	GLO/96/217	-	20,000	-
Preparation of a Country Programme	EUR	MDN	SEV	15	CPG	1	MCD/95/034	-	80,000	(7,895)
Phasing out of CFCs at the refrigerator plant of	EUR	MDN	REF	20	INV	3	MCD/96/179	104.00	1,081,724	-
Phasing out of CFC-11 from flexible slabstock foam manufacturing at Sileks Ad Co.	EUR	MDN	FOA	22	INV	5	MCD/97/083	280.00	520,125	-
Phasing out of CFC-11 from manufacturing of rigid PU sandwich panels at Sileks Ad Co.	EUR	MDN	FOA	22	INV	6	MCD/97/123	67.60	284,236	-
Preparation of refrigerant management plan	EUR	MDN	REF	24	PRP	7	MCD/98/017	-	30,000	-
Preparation of a demonstration project in methyl bromide (tobacco, pepper, tomatoes)	EUR	MDN	FUM	25	PRP	8	GLO/96/217	-	20,000	-
Preparation of Country Programme	EUR	ROM	SEV	11	CPG	1	ROM/94/422	-	80,000	(23,546)
Preparation of investment project for phasing out CFC-11 at refrigerator plant at mechanical	EUR	ROM	REF	15	PRP	2	ROM/95/010	-	50,000	(4,978)
Preparatory assistance for phase out of ODS at Spumotim flexible foam plant	EUR	ROM	FOA	16	PRP	3	ROM/95/073	-	15,000	132
Phasing out of CFCs at FARMEC SA	EUR	ROM	ARS	18	INV	5	ROM/96/012	730.00	895,880	-
Phase out ODS at the domestic refrigeration	EUR	ROM	REF	18	INV	6	ROM/96/033	206.70	1,095,300	-
Preparation of investment projects in the domestic and commercial refrigeration sector	EUR	ROM	REF	18	PRP	7	ROM/96/029	-	20,000	-
Phasing out of CFC-11 at S.C. Spumotim S.A.	EUR	ROM	FOA	20	INV	9	ROM/96/180	30.00	142,293	-

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Table 4a: Completed Projects - ODP Phase out

Project Title	Region	Country	Sector	Mtg.	Type	No.	UNIDO Project	ODP phased	Approved Funding	Adjustment (US\$)
Phasing out CFC-11 and CFC-12 in the production of domestic refrigerators and replacing them by cyclopentane and HFC-134a at Ratmil, Uzine	EUR	ROM	REF	20	INV	10	ROM/96/209	73.30	937,859	-
Preparation of a demonstration project in the	EUR	ROM	FUM	23	PRP	12	GLO/96/217	-	10,000	-
Preparation of a refrigerant management plan	EUR	ROM	REF	24	PRP	14	ROM/98/015	-	30,000	-
Phasing out of CFC-11 at Urosan Kimiya Sanayii	EUR	TUR	FOA	20	INV	22	TUR/96/181	135.00	643,500	-
Preparation of a demonstration project (flowers,	EUR	TUR	FUM	24	PRP	36	GLO/96/217	-	25,000	-
Preparation of investment projects in the foam sector (polyurethane) at Sungersan AS and Serra	EUR	TUR	FOA	24	PRP	37	TUR/98/169	-	15,000	-
Country Programme preparation	EUR	YUG	SEV	21	CPG	1	YUG/97/063	-	80,000	-
Preparation of an investment project in the refrigeration sector for phasing out ODS at Obod	EUR	YUG	REF	23	PRP	4	YUG/97/206	-	10,000	-
Preparation of a refrigerant management plan	EUR	YUG	REF	24	PRP	6	YUG/98/011	-	10,000	-
Replacement of CFC-113 as solvent for dyaliser cleaning by water and steam at Hemomed Ltd.	EUR	YUG	SOL	26	INV	8	YUG/98/076	54.60	608,729	-
Total Europe								1,706.20	6,955,426	(36,287)
Strategy for phasing out of ODS in low ODS-	GLO	GLO	REF	11	TAS	46	GLO/94/407	-	100,000	(319)
Joint UNIDO/UNEP preparation of country	GLO	GLO	SEV	12	TAS	62	GLO/94/421	-	75,000	(3,268)
Project preparation advance	GLO	GLO	SEV	26	PRP	175	GLO/99/003	-	169,000	(169,000)
Total Global								-	344,000	(172,587)
Preparatory assistance for phase out of ODS in the foam production at BANDEX, CELPACK &	LAC	ARG	FOA	11	PRP	5	ARG/94/010	-	35,000	8,990
Investment project for phasing out of ODS at	LAC	ARG	FOA	13	INV	9	ARG/94/410	214.00	517,630	(1,375)
Phase out of ODS at CELPACK S.A.	LAC	ARG	FOA	13	INV	10	ARG/94/413	135.00	503,094	377
Preparation of an investment project in the foam	LAC	ARG	FOA	18	PRP	32	ARG/96/018	-	20,000	(523)
Elimination of CFCs in the manufacturing plant of domestic refrigerators of Bambi S.A., Santa	LAC	ARG	REF	23	INV	67	ARG/97/184	30.60	515,258	-
Preparation of project for retrofitting in all ice-making systems, icebin compressor systems,	LAC	BAR	REF	15	PRP	2	BAR/95/075	-	10,000	-
CFC-recovery, recycling and training in	LAC	BAR	REF	18	TAS	4	BAR/96/043	14.00	165,170	-
Preparation of investment projects for	LAC	BRA	FOA	9	PRP	8	BRA/93/095	-	150,000	(5,375)
elimination of CFCs in the polymer foams										
Conversion of the assembly of refrigeration compressors to phase out CFC-12 and CFC/HCFC-502 by using HFC-134a and R-404a at Elgin Maquinas	LAC	BRA	REF	17	INV	20	BRA/95/125	-	460,339	-
Preparation of investment project in a plant (Elgin) consuming 60 metric tons of TCA used as a degreasing agent in the production of	LAC	BRA	SOL	17	PRP	23	BRA/95/132	-	15,000	-
Investment project for phasing out of ODS at Frisokar Equipamentos Plasticos Ltd.	LAC	BRA	FOA	17	INV	26	BRA/95/124	42.00	267,948	-

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Table 4a: Completed Projects - ODP Phase out

Project Title	Region	Country	Sector	Mtg.	Type	No.	UNIDO Project	ODP phased	Approved Funding	Adjustment (US\$)
Conversion of ODS cleaning processes from 1,1,1 TCA to aqueous cleaning and using trichlorethane	LAC	BRA	SOL	18	INV	39	BRA/96/040	6.00	156,567	(6,288)
Formulation of two investment projects in the commercial and domestic refrigerator sector	LAC	BRA	REF	18	PRP	40	BRA/96/030	-	50,000	87
Phasing out of CFC-12 by HFC-134a as refrigerant and CFC-11 by cyclopentane as foam blowing agent in commercial refrigeration equipment for	LAC	BRA	REF	20	INV	54	BRA/96/208	47.00	610,650	-
Phase out of 1,1,1 TCA at Teperman	LAC	BRA	SOL	20	INV	58	BRA/96/203	6.40	152,176	-
Elimination of 1,1,1 TCA used as solvent at	LAC	BRA	SOL	20	INV	60	BRA/96/202	4.20	151,577	-
Elimination of 1,1,1 TCA used for the formulation of tapping fluids at Tapmatic	LAC	BRA	SOL	20	INV	61	BRA/96/204	9.90	194,500	-
Project preparation in the refrigeration and	LAC	BRA	SEV	21	PRP	63	BRA/97/089	-	57,140	-
Project formulation in the methyl bromide sector	LAC	COL	FUM	21	PRP	23	GLO/96/217	-	7,140	-
Preparation of a phase out project (tobacco)	LAC	CUB	FUM	24	PRP	8	GLO/96/217	-	20,000	-
Preparation of a demonstration project (tobacco, curcubits, flowers, tomatoes)	LAC	DOM	FUM	25	PRP	18	GLO/96/217	-	30,000	-
Project formulation of demonstration project in the methyl bromide sector	LAC	GUA	FUM	21	PRP	12	GLO/96/217	-	7,140	-
Demonstration project: four alternatives to the use of methyl bromide: steam pasteurization, non-soil cultivation, solarization, and low-dose	LAC	GUA	FUM	22	DEM	15	GUA/97/128	-	440,000	-
ODS phase out at a domestic refrigeration plant (Guyana Refrigeration Ltd.)	LAC	GUY	REF	17	PRP	2	GUY/96/044	-	15,000	(682)
Preparation of a refrigerant management plan	LAC	HON	REF	24	PRP	4	HON/98/019	-	30,000	-
Preparation of a phase out project (tobacco)	LAC	JAM	FUM	24	PRP	8	GLO/96/217	-	25,000	-
Preparation of investment projects	LAC	MEX	SEV	18	PRP	44	MEX/96/022	-	50,000	-
Preparation of a demonstration project in the	LAC	MEX	FUM	22	PRP	58	GLO/96/217	-	20,000	-
Phasing out of CFCs at Criotec S.A.	LAC	MEX	REF	23	INV	67	MEX/97/175	16.00	240,794	-
Phasing out of CFCs at Torrey S.A.	LAC	MEX	REF	23	INV	68	MEX/97/176	15.10	228,165	-
Phasing out of CFCs at Nieto S.A.	LAC	MEX	REF	23	INV	70	MEX/97/174	24.60	353,976	-
Phasing out of CFCs at Vendo S.A.	LAC	MEX	REF	23	INV	74	MEX/97/177	16.50	248,524	-
Preparation of an investment project for phasing out ODS at several small enterprises in the	LAC	MEX	REF	23	PRP	75	MEX/97/190	-	20,000	-
Phasing out of CFC-11 and CFC-12 with HCFC-141b and HFC 134a at Plasticos Tecnicos Mexicanos (PTM) in the manufacture of commercial	LAC	MEX	REF	25	INV	85	MEX/98/048	50.60	398,439	-
Project formulation of investment projects in	LAC	NIC	REF	21	PRP	2	NIC/97/038	-	50,000	-
Phasing out of CFC-11 and CFC-12 with HCFC-141b and HFC 134a at Fogel S.A. in the manufacture of	LAC	NIC	REF	25	INV	5	NIC/98/051	9.60	130,027	-
Project preparation assistance in solvent sector	LAC	PER	SOL	17	PRP	10	PER/95/138	-	30,000	-
Elimination of 1,1,1 trichloroethane at Faber	LAC	PER	SOL	20	INV	18	PER/96/197	0.50	16,409	-
Elimination of 1,1,1 trichloroethane at Carbolan	LAC	PER	SOL	20	INV	19	PER/96/199	0.40	31,457	-

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Table 4a: Completed Projects - ODP Phase out

Project Title	Region	Country	Sector	Mtg.	Type	No.	UNIDO Project	ODP phased	Approved Funding	Adjustment (US\$)
Elimination of 1,1,1 trichloroethane at Papeles	LAC	PER	SOL	20	INV	20	PER/96/200	0.50	47,953	-
Preparation of a demonstration project (tomatoes, cucumber, strawberries, flowers)	LAC	URU	FUM	24	PRP	26	GLO/96/217	-	25,000	-
Project formulation of investment projects in	LAC	VEN	FOA	21	PRP	51	VEN/97/039	-	30,000	-
Phasing out ODS at Decocar	LAC	VEN	FOA	22	INV	54	VEN/97/107	16.20	126,614	-
Phasing out ODS at Veniber C.A.	LAC	VEN	FOA	22	INV	56	VEN/97/108	21.60	164,592	-
Phasing out ODS at Daniven C.A.	LAC	VEN	FOA	22	INV	57	VEN/97/109	18.00	104,030	-
Phasing out ODS at Industrias Todos C.A.,	LAC	VEN	FOA	23	INV	61	VEN/97/181	17.80	137,520	-
Preparation of investment project in the foam sector (rigid polyurethane for Fanesi	LAC	VEN	FOA	24	PRP	62	VEN/98/164	-	10,000	-
Phasing out CFC-11 and CFC-12 with HCFC-141b and HFC-134a at INVITREL in the manufacture of	LAC	VEN	REF	25	INV	63	VEN/98/052	46.40	419,094	-
Workshop on alternatives to methyl bromide in	LAC	VEN	FUM	27	TRA	67	VEN/99/029	-	40,000	-
Total Latin America and the Caribbean								762.90	7,528,923	(4,789)
Total All Regions								15,866.60	108,205,871	5,695,892

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Table 4b: Canceled/closed Projects

Project Title	Region	Cntry	Sector	Mtg.	Type	No.	UNIDO Project No.	ODP to be Phased Out per Proposal	ODP Phased Out	Approved Funding (US\$)	Adjustment
Phasing out CFC-11 at Ets Leulmi Essaid flexible polyurethane foam plant	AFR	ALG	FOA	22	INV	21	ALG/97/081	28.00	-	61,880	-
Project formulation of investment projects in the foam and refrigeration sectors	AFR	CMR	SEV	21	PRP	8	CMR/97/036	-	-	50,000	-
Project formulation for the ODS phase-out in the refrigeration sector	AFR	IVC	REF	16	PRP	4	IVC/95/068	-	-	15,000	-
Phasing out CFCs at Alki S.A.	AFR	TUN	ARS	22	INV	20	TUN/97/114	20.00	-	74,565	-
Conversion of commercial refrigeration equipment to phase out CFC-12, HCFC-502 and CFC-11 at Technofrig S.A.	EUR	ROM	REF	19	INV	8	ROM/96/136	20.00	-	297,768	-
Elimination of 1,1,1 TCA used for autoparts cleaning at Brosol	LAC	BRA	SOL	20	INV	59	BRA/96/201	4.80	-	178,361	(178,361)
Project preparation in the aerosol sector	LAC	BRA	ARS	27	PRP	127	BRA/99/038	-	-	30,000	(30,000)
Preparation of an investment project in a plant (Elasta) for the production of polyurethane flexible foam for automotive industry	LAC	ECU	SEV	17	PRP	17	ECU/95/136	-	-	15,000	-
Total										722,574	(208,361)
Agency Support Cost										93,935	(27,087)
Grand Total										816,509	(235,448)

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Table 4c: Non-investment Projects Completed since Last Report

Project Title	Region	Cntry	Sector	Mtg	Type	No	UNIDO Project No.	ODP phased out	Date approved	First Disbursement Date	Date Completed (Actual)	Date of Financial Completion	Approved Funding (US\$)	Adjustment (US\$)	Funds Disbursed (US\$)	Per Cent of Funds Disbursed	Balance (US\$)	Estimated Disbursement in Current Year (US\$)
Formulation of investment projects in the tobacco sector	ASP	CPR	OTH	18	PRP	144	CPR/96/053	-	Nov-95	Mar-97	Dec-99		50,000	-	33,641	67.28%	16,359	-
Preparation of a sectoral strategy in the tobacco sector	ASP	CPR	OTH	24	PRP	237	CPR/98/167	-	Mar-98	Sep-98	Nov-99		200,000	-	152,924	76.46%	47,076	30,000
Non-investment project: promotion and information transfer of alternatives to the use of methyl bromide in the preparation of seedbeds for the cultivation of rice and maize	ASP	DRK	FUM	25	TAS	9	DRK/98/063	-	Jul-98	Mar-99	Nov-99		27,500	-	14,300	52.00%	13,200	-
Preparation of refrigerant management plan	ASP	JOR	REF	24	PRP	39	JOR/98/018	-	Mar-98	Jul-98	May-99		30,000	-	26,548	88.49%	3,452	-
Asia sub total								-					307,500	-	227,413		80,087	30,000
Preparation of a refrigerant management plan	EUR	CRO	REF	24	PRP	6	CRO/98/020	-	Mar-98	Sep-98	Feb-99	Sep-99	30,000	-	30,000	100.00%	-	-
Europe sub total								-					30,000	-	30,000		-	-
Workshop on alternatives to methyl bromide in tobacco cultivation	LAC	VEN	FUM	27	TRA	67	VEN/99/029	-	Mar-99	Jul-99	Nov-99		40,000	-	12,126	30.32%	27,874	-
Latin America and the Caribbean sub total								-					40,000	-	12,126		27,874	-
Total all regions								-					377,500	-	269,539		107,961	30,000

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Table 5						
Cumulative Completed Demonstration, Investment and R&R Projects by Region, Sector and Implementation Characteristics						
Item	Number of Approvals	Approved Funds plus Adjustment	Per Cent of Funds Disbursed	Average Number of Months from Approval to First Disbursement	Average Number of Months from Approval to	Overall Cost-Effectiveness to the Fund (US\$/kg)
GRAND TOTAL	175	109,415,050	86.24%	10.95	25.92	6.90
Region						
Africa	63	33,318,914	90.12%	12.90	27.15	9.99
Asia & Pacific	76	63,000,493	84.42%	9.53	27.02	6.26
Europe	10	6,320,426	93.67%	7.70	21.10	3.70
Latin America and Caribbean	26	6,775,217	77.13%	11.72	21.92	8.88
Global	-	-	0.00%	-	-	-
Sector						
Aerosol	25	5,740,969	93.53%	10.36	26.04	2.05
Foam	39	10,940,036	89.16%	9.28	21.05	3.26
Group	-	-	0.00%	-	-	-
Halon	1	496,000	100.00%	10.00	24.00	0.34
Methyl Bromide	2	883,300	77.52%	5.00	32.00	-
Other	-	-	0.00%	-	-	-
Production	-	-	0.00%	-	-	-
Refrigeration	84	86,535,273	85.13%	10.23	28.94	11.17
Solvents	24	4,819,472	91.43%	17.57	24.09	9.95
Implementation Characteristics						
Agency Implementation	175	109,415,050	86.24%	10.95	25.92	6.90
National Implementation	-	-	0.00%	-	-	-
Time or Objective-Sensitive Accounts						
Time-Sensitive	-	-	0.00%	-	-	-
Object-Sensitive	175	109,415,050	86.24%	10.95	25.92	6.90
Disbursement Method						
During Implementation	167	106,151,341	86.42%	11.03	26.69	6.85
After Implementation	-	-	0.00%	-	-	-
Retroactive Funding	8	3,263,709	80.37%	8.67	11.50	8.75

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Table 6: Cumulative Completed Non-investment Projects by Region, Sector, Type and Implementation Characteristics

Item	Number of Approvals	Approved Funds plus Adjustment	Per Cent of Funds Disbursed	Average Number of Months from Approval to First Disbursement	Average Number of Months from Approval to Completion
GRAND TOTAL	18	1,422,597	96.79%	7.72	28.00
Region					
Africa	5	636,328	99.69%	6.40	33.40
Asia & Pacific	6	286,297	95.28%	8.83	31.83
Europe	4	320,000	90.17%	7.50	21.00
Latin America and Caribbean	1	40,000	30.32%	5.00	9.00
Global	2	171,413	100.00%	9.50	29.50
Sector					
Aerosol	-	-	0.00%	-	-
Foam	-	-	0.00%	-	-
Group	8	879,371	99.74%	6.38	24.75
Halon	-	-	0.00%	-	-
Methyl Bromide	2	67,500	39.15%	6.50	13.00
Other	1	76,499	100.00%	800.00	39.00
Production	-	-	0.00%	-	-
Refrigeration	7	399,227	99.42%	9.57	35.29
Solvents	-	-	0.00%	-	-
Type					
Country Programme	5	368,559	99.39%	7.20	21.00
Demonstration projects	-	-	0.00%	-	-
Institutional Strengthening	2	439,080	100.00%	3.00	32.00
Project Preparation	-	-	0.00%	-	-
Technical Assistance Projects	9	534,721	97.10%	9.78	36.00
Training Projects	2	80,237	65.26%	4.50	7.00
Implementation Characteristics					
Agency Implementation	18	1,422,597	96.79%	7.72	28.00
National Implementation	-	-	0.00%	-	-
Time or Objective-Sensitive Accounts					
Time-Sensitive	2	439,080	100.00%	3.00	32.00
Object-Sensitive	16	983,517	95.36%	8.31	27.88
Disbursement Method					
During Implementation	18	1,422,597	96.79%	7.72	28.00
After Implementation	-	-	0.00%	-	-
Retroactive Funding	-	-	0.00%	-	-

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Table 7					
Cumulative Ongoing Demonstration, Investment and R&R Projects by Region, Sector and Implementation Characteristics					
Item	Number of Approvals	Approved Funds plus Adjustment	Per Cent of Funds Disbursed	Average Number of Months from Approval to First	Average Number of Months from Approval to Estimated
GRAND TOTAL	154	78,014,641	27.03%	8.25	29.91
Region					
Africa	41	9,769,602	33.77%	8.48	27.72
Asia & Pacific	65	49,356,018	28.23%	7.77	31.57
Europe	15	5,364,853	17.10%	8.27	29.07
Latin America and Caribbean	33	13,524,168	21.71%	8.91	29.37
Global	-	-	0.00%	-	-
Sector					
Aerosol	11	1,345,779	40.40%	12.33	24.11
Foam	51	28,988,529	27.21%	8.36	29.60
Group	-	-	0.00%	-	-
Halon	-	-	0.00%	-	-
Methyl Bromide	25	11,433,767	26.39%	6.64	33.22
Other	-	-	0.00%	-	-
Production	-	-	0.00%	-	-
Refrigeration	57	32,617,259	28.13%	8.55	30.49
Solvents	10	3,629,307	12.75%	8.00	25.70
Implementation Characteristics					
Agency Implementation	154	78,014,641	27.03%	8.25	29.91
National Implementation	-	-	0.00%	-	-
Time or Objective-Sensitive Accounts					
Time-Sensitive	-	-	0.00%	-	-
Object-Sensitive	154	78,014,641	27.03%	8.25	29.91
Disbursement Method					
During Implementation	154	78,014,641	27.03%	8.25	29.91
After Implementation	-	-	0.00%	-	-
Retroactive Funding	-	-	0.00%	-	-

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Table 8: Cumulative Ongoing Non-investment Projects by Region, Sector, Type and Implementation Characteristics

Item	Number of Approvals	Approved Funds plus Adjustment	Per Cent of Funds Disbursed	Average Number of Month from Approval to First Disbursement	Average Number of Month from Approval to Completion
GRAND TOTAL	23	1,899,753	20.35%	8.36	31.78
Region					
Africa	4	363,250	10.69%	7.50	24.75
Asia & Pacific	7	536,880	26.03%	10.00	33.14
Europe	10	891,373	23.34%	8.38	34.60
Latin America and Caribbean	2	108,250	0.00%		27.00
Global	-	-	0.00%	-	-
Sector					
Aerosol	-	-	0.00%	-	-
Foam	-	-	0.00%	-	-
Group	9	1,221,473	0.00%	11.17	41.89
Halon	1	25,000	0.00%	-	13.00
Methyl Bromide	-	-	0.00%	-	-
Other	-	-	0.00%	-	-
Production	-	-	0.00%	-	-
Refrigeration	13	653,280	0.98%	5.00	26.23
Solvents	-	-	0.00%	-	-
Type					
Country Programme Preparation	2	160,000	3.87%	8.00	17.50
Demonstration Projects					
Institutional Strengthening	7	1,061,473	35.24%	11.80	48.86
Project Preparation					
Technical Assistance Projects	2	45,000	0.00%		20.00
Training Projects	12	633,280	1.01%	5.00	26.17
Implementation Characteristics					
Agency Implementation	23	1,899,753	20.35%	8.36	31.78
National Implementation	-	-	0.00%	-	-
Time or Objective-Sensitive Accounts					
Time-Sensitive	7	1,061,473	35.24%	11.80	48.86
Object-Sensitive	16	838,280	1.50%	5.50	24.31
Disbursement Method					
During Implementation	23	1,899,753	20.35%	8.36	31.78
After Implementation	-	-	0.00%	-	-
Retroactive Funding	-	-	0.00%	-	-

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Table 9: Active Project Preparation Accounts

Region	Project Number					Project Title	Unido Project No.	First Disbursement Date	Approved Funding (US\$)	Adjustments (US\$)	Funds Disbursed (US\$)	Per Cent of Funds Disbursed	Balance (US\$)	Estimated Disbursements in Current Year (US\$)
AFR	ALG	ARS	27	PRP	36	Project preparation in the aerosol sector	ALG/99/047	May-99	15,000	0	8,037	53.58%	6,963	0
AFR	ALG	FOA	27	PRP	31	Project preparation in the foam sector (flexible)	ALG/99/059	Jun-99	18,000	0	6,725	37.36%	11,275	0
AFR	ALG	FUM	22	PRP	24	Project formulation in the methyl bromide sector	ALG/99/013	Jul-97	8,000	0	4,200	52.50%	3,800	0
AFR	ALG	REF	27	PRP	35	Project preparation in the commercial refrigeration sector	ALG/99/131		15,000	0	0	0.00%	15,000	10,000
AFR	CMR	REF	24	PRP	12	Preparation of refrigerant management plan	CMR/98/021	Feb-99	30,000	0	23,088	76.96%	6,912	5,000
AFR	EGY	SOL	21	PRP	62	Project preparation in the solvent sector	EGY/97/068	Jul-97	15,000	0	13,018	86.79%	1,982	1,900
AFR	EGY	SOL	27	PRP	72	Project preparation in the solvent sector (TCA)	EGY/99/024	May-99	15,000	0	3,179	21.19%	11,821	10,000
AFR	GUI	FOA	21	PRP	3	Project formulation of investment projects in the foam sector	GUI/97/035	Sep-97	20,000	0	11,000	55.00%	9,000	0
AFR	IVC	FUM	27	PRP	13	Preparation of a project for stored commodities (cocoa beans)	IVC/99/		25,000	0	0	0.00%	25,000	0
AFR	MOR	ARS	27	PRP	31	Preparation of investment project in the aerosol sector	MOR/99/039	Oct-99	20,000	0	12,042	60.21%	7,958	0
AFR	MOR	FUM	27	PRP	28	Preparation of investment project in the fumigants/methyl bromide sector (bananas)	MOR/99/026	Jun-99	15,000	0	5,820	38.80%	9,180	9,000
AFR	MOR	FUM	27	PRP	29	Preparation of investment project in the fumigants/methyl bromide sector (flowers)	MOR/99/027	Jun-99	15,000	0	3,528	23.52%	11,472	11,000
AFR	MOR	REF	27	PRP	30	Preparation of investment project in the commercial refrigeration sector	MOR/99/137		7,000	0	0	0.00%	7,000	5,000
AFR	SUD	ARS	27	PRP	8	Preparation of investment project in the aerosol sector	SUD/99/036	May-99	25,000	0	10,450	41.80%	14,550	0
AFR	ZAM	FUM	27	PRP	9	Preparation of a demonstration project (tobacco, flowers)	ZAM/99/030		30,000	0	0	0.00%	30,000	0

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Region	Project Number					Project Title	Unido Project No.	First Disbursement Date	Approved Funding (US\$)	Adjustments (US\$)	Funds Disbursed (US\$)	Per Cent of Funds Disbursed	Balance (US\$)	Estimated Disbursements in Current Year (US\$)
ASP	CPR	FOA	24	PRP	240	Preparation of investment projects (50 companies) in the foam sector (polysterene/polyethylene)	CPR/98/168	Jun-98	100,000	0	97,534	97.53%	2,466	2,000
ASP	CPR	FOA	27	PRP	283	Preparation of investment project in the foam sector (rigid polyurethane)	CPR/99/018	Sep-99	50,000	0	33,296	66.59%	16,704	15,000
ASP	CPR	SEV	21	PRP	190	Project preparation in the refrigeration (including compressors), solvents and methyl bromide sectors	CPR/97/050	Jun-97	182,140	0	177,388	97.39%	4,752	0
ASP	DRK	SEV	21	PRP	3	Project formulation of investment projects in all sectors	DRK/97/044	Jun-97	70,000	0	55,844	79.78%	14,156	0
ASP	IDS	FOA	27	PRP	109	Preparation of investment project in the foam sector (flexible)	INS/99/056	Oct-99	50,000	0	1,252	2.50%	48,748	0
ASP	IDS	SEV	15	PRP	24	Project formulation for phasing out ODS in small and medium scale industries	INS/95/013	Mar-95	80,000	0	75,688	94.61%	4,312	1,800
ASP	IDS	SEV	21	PRP	54	Project formulation of investment projects in the aerosol and foam sectors	INS/97/037	Apr-97	20,000	0	13,407	67.04%	6,593	0
ASP	IDS	SEV	23	PRP	64	Preparation of an investment project for phasing out ODS at three enterprises including the companies Nirwana and P.T. Success	INS/97/210	Sep-98	10,000	10,000	9,050	45.25%	950	9,900
ASP	IND	REF	23	PRP	159	Preparation of an investment project for phasing out ODS in the refrigeration sector (project under	IND/97/208	Jun-98	25,000	25,000	22,590	45.18%	2,410	0
ASP	IND	SOL	24	PRP	162	Preparation investment projects in the solvent (CFC 113) sector at Harbans Lal Mahotra & Sons Ltd.	IND/98/023	Jun-98	25,000	0	22,073	88.29%	2,927	0
ASP	IND	SOL	27	PRP	195	Preparation of investment project in the solvent sector	IND/99/025	Nov-99	10,000	0	4,131	41.31%	5,869	0
ASP	IRA	FOA	23	PRP	27	Preparation of an investment project in the foam sector for phasing out ODS at three enterprises including Bahaman Plastic	IRA/97/164	Sep-98	10,000	0	7,427	74.27%	2,573	2,000

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ASP	IRA	FOA	27	PRP	39	Preparation of investment project in the foam sector (flexible	IRA/99/035	Nov-99	18,000	0	4,055	22.53%	13,945	10,000
ASP	IRA	REF	27	PRP	38	Preparation of investment projects in the commercial refrigeration sector	IRA/99/019	May-99	20,000	0	13,833	69.17%	6,167	2,000
ASP	JOR	SEV	15	PRP	21	Preparatory assistance for investment projects in commercial refrigeration, air-conditioning, foam	JOR/95/009	Feb-95	50,000	0	47,695	95.39%	2,305	0
ASP	LEB	REF	16	PRP	3	Project formulation for phase out of ODS in the refrigeration sector (Weather-mate and OPACO Ltd.)	LEB/95/072	Aug-97	15,000	0	13,482	89.88%	1,518	1,500
ASP	MAL	FOA	27	PRP	118	Preparation of three investment projects in the foam sector (rigid polyurethane)	MAL/99/057	Jun-99	25,000	0	8,295	33.18%	16,705	10,000
ASP	PAK	FUM	24	PRP	24	Preparation of demonstration project (tobacco, tomatoes, strawberries)	PAK/99/014	Dec-98	30,000	0	8,868	29.56%	21,132	0
ASP	PAK	REF	27	PRP	32	Preparation of refrigerant management plan	PAK/99/061		30,000	0	0	0.00%	30,000	20,000
ASP	PHI	ARS	27	PRP	58	Preparation of investment project in the aerosol sector	PHI/99/040		25,000	0	0	0.00%	25,000	0
ASP	SYR	ARS	23	PRP	26	Preparation of at least three investment projects in the aerosol sector for phasing out ODS at three enterprises including Nweylati	SYR/97/200	Jun-98	10,000	15,000	5,257	21.03%	4,743	0
ASP	SYR	ARS	27	PRP	44	Project preparation of investment projects in the aerosol sector	SYR/99/041		8,000	0	0	0.00%	8,000	0
ASP	SYR	FOA	15	PRP	8	Preparation of investment projects for phasing out of CFC-11 from the sub sector of flexible foams	SYR/95/006	Feb-95	20000	0	17,640	88.20%	2,360	2,000
ASP	SYR	FOA	21	PRP	19	Project preparation in the flexible foam sector	SYR/97/042	Oct-97	10,000	0	2,565	25.65%	7,435	5,000
ASP	SYR	FOA	24	PRP	29	Preparation of investment projects for NPD in Damascus and others in rigid foam sector	SYR/98/163	Sep-98	15,000	0	5,321	35.47%	9,679	0

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ASP	SYR	REF	18	PRP	12	Preparation of an investment project in recovery and recycling sector	SYR/96/025	Sep-98	15,000	0	2,000	13.33%	13,000	0
ASP	SYR	REF	27	PRP	40	Project preparation of investment projects in the domestic refrigeration sector	SYR/99/015	May-99	20,000	0	7,260	36.30%	12,740	13,000
ASP	YEM	ARS	27	PRP	4	Preparation of project in the aerosol sector	YEM/99/042	Aug-99	20,000	0	4,867	24.34%	15,133	0
ASP	YEM	FOA	27	PRP	3	Preparation of project in the foam sector	YEM/99/058		20,000	0	0	0.00%	20,000	0
EUR	MDN	SEV	18	PRP	2	Preparation of projects in the refrigeration, aerosol and foam	MCD/96/021	Jan-96	30,000	0	26,283	87.61%	3,717	3,500
EUR	ROM	FOA	23	PRP	13	Preparation of an investment project in the foam sector	ROM/97/211	Sep-98	10,000	10,000	11,049	55.25%	-1,049	0
EUR	ROM	REF	24	PRP	14	Preparation of a refrigerant management plan	ROM/98/015	Sep-98	30,000	0	28,911	96.37%	1,089	0
EUR	TUR	FOA	15	PRP	11	Preparation of investment projects in ODS phase out in the foam sector	TUR/95/037	Mar-95	50,000	0	49,930	99.86%	70	0
EUR	TUR	FOA	24	PRP	35	Preparation of investment project in the rigid foam sub sector	TUR/98/170	Sep-98	15,000	0	5,006	33.37%	9,994	5,000
EUR	YUG	SOL	23	PRP	5	Preparation of an investment project in the solvent sector for phasing out ODS at Hemofarm	YUG/97/205	Sep-98	10,000	0	7,401	74.01%	2,599	0
GLO	GLO	REF	22	PRP	134	Development of Refrigeration Management Plans	RAF/97/088	Sep-97	60,000	0	29,435	49.06%	30,565	0
GLO	GLO	SEV	29	PRP	189	Project preparation advance for 2000	GLO/00/		170,000	0	0	0.00%	170,000	0
LAC	ARG	FOA	27	PRP	84	Project preparation in the foam sector (general)	ARG/99/046	Jun-99	40,000	0	20,203	50.51%	19,797	15,000
LAC	ARG	FUM	27	PRP	89	Formulation of investment project in the methyl bromide sector (strawberries, tomatoes)	ARG/99/022	May-99	40,000	0	31,955	79.89%	8,045	4,000
LAC	ARG	FUM	27	PRP	85	Formulation of investment project in the methyl bromide sector (flowers)	ARG/99/033	Jul-99	40,000	0	19,878	49.70%	20,122	10,000
LAC	ARG	SEV	21	PRP	52	Project preparation in the refrigeration and methyl bromide	ARG/97/045	Apr-97	32,140	0	27,246	84.77%	4,894	0

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Region	Project Number					Project Title	Unido Project No.	First Disbursement Date	Approved Funding (US\$)	Adjustments (US\$)	Funds Disbursed (US\$)	Per Cent of Funds Disbursed	Balance (US\$)	Estimated Disbursements in Current Year (US\$)
LAC	BRA	FOA	27	PRP	126	Project preparation in the foam sector (general)	BRA/99/055	Nov-99	50,000	0	845	1.69%	49,155	35,000
LAC	BRA	FUM	27	PRP	131	Project preparation in the fumigant/methyl bromide sector (tobacco)	BRA/99/023	Jul-99	50,000	0	35,995	71.99%	14,005	10,000
LAC	BRA	REF	24	PRP	97	Project preparation in the commercial refrigeration sector (Tecpur, Crios, Panamante and	BRA/98/032	Aug-98	50,000	0	32,823	65.65%	17,177	0
LAC	BRA	REF	27	PRP	119	Project preparation in the commercial refrigeration sector for	BRA/99/062	Dec-99	40,000	0	2	0.01%	39,998	30,000
LAC	CUB	REF	24	PRP	7	Preparation of an investment project (hospitals) in the commercial refrigeration sector	CUB/98/010	Jun-98	50,000	0	42,532	85.06%	7,468	0
LAC	GUA	FUM	29	PRP	21	Project preparation for the phase out of 800 tonnes in the methyl bromide sector (melon)	GUA/00/		45,000	0	0	0.00%	45,000	0
LAC	HON	FOA	21	PRP	3	Project formulation of investment projects in the foam sector	HON/97/043	Apr-98	30,000	0	8,569	28.56%	21,431	0
LAC	LAC	FUM	27	PRP	31	Preparation of a demonstration project for broccoli, cucurbits, tobacco, seed beds, grain fumigation in El Salvador, Honduras and	RLA/99/028	Jun-99	40,000	0	9,077	22.69%	30,923	20,000
LAC	MEX	REF	27	PRP	88	Preparation of investment project in the commercial refrigeration sector	MEX/99/065		15,000	0	0	0.00%	15,000	5,000
LAC	NIC	REF	24	PRP	4	Preparation of refrigerant management plan	NIC/98/016	Sep-98	30,000	0	11	0.04%	29,989	0
LAC	VEN	FOA	27	PRP	70	Preparation of investment project in the foam sector (integral skin)	VEN/99/048	Aug-99	20,000	0	5,552	27.76%	14,448	10,000
LAC	VEN	FOA	27	PRP	68	Preparation of investment project in the foam sector (rigid polyurethane)	VEN/99/049	Nov-99	10,000	0	4,532	45.32%	5,468	5,000
LAC	VEN	FOA	27	PRP	72	Preparation of investment project in the foam sector (polystyrene/polyethylene)	VEN/99/051	May-99	20,000	0	14,125	70.63%	5,875	5,000

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Region	Project Number					Project Title	Unido Project No.	First Disbursement Date	Approved Funding (US\$)	Adjustments (US\$)	Funds Disbursed (US\$)	Per Cent of Funds Disbursed	Balance (US\$)	Estimated Disbursements in Current Year (US\$)
LAC	VEN	REF	27	PRP	75	Preparation of investment projects in the refrigeration/MACS and compressor sector	VEN/99/063	Dec-99	20,000	0	21	0.11%	19,979	0
LAC	VEN	REF	27	PRP	71	Preparation of investment projects in the commercial refrigeration sector	VEN/99/064	Sep-99	25,000	0	12,510	50.04%	12,490	0
						SUB-TOTAL			2,278,280	60,000	1,185,796	50.71%	1,092,484	303,600
						ADMINISTRATIVE SUPPORT			296,176	7,800	154,153	50.71%	142,023	39,468
						GRAND TOTAL			2,574,456	67,800	1,339,949	50.71%	1,234,507	343,068

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Country	No. of projects approved in 1999	Type	Amount approved	ODP to be phased out	No. of projects - all types - completed during 1999	ODP phased out in 1999	Disbursements during 1998 (All projects)
Algeria	6	INV	578,538	117.10	3	12.80	676,002
Argentina	3	INV	338,689	57.20	1	30.60	951,313
Benin	-	-	-	-	-	-	52,391
Bosnia & Herzegovina	1	INS	110,000	-	-	-	21,950
Botswana	-	-	-	-	-	-	19,015
Brazil	3	INV	3,462,747	251.40	2	47.00	609,318
Burkina Faso	-	-	-	-	-	-	31,044
Cameroon	-	-	-	-	-	-	641,751
China	4	INV	15,765,241	2,399.60	12	1,919.30	13,525,265
Colombia	-	-	-	-	-	-	25,499
Croatia	3	1 TAS, 2 TRA	398,160	15.00	2	-	169,276
Cuba	-	-	-	-	1	-	527,787
D.P.R. Korea	1	INV	206,657	19.80	1	-	411,904
Dominican Republic	-	-	-	-	-	-	105,885
Egypt	2	1 INS, 1 INV	406,435	9.00	1	2.10	636,350
Gambia	-	-	-	-	2	-	5,357
Global	-	-	-	-	-	-	19,070
Guatemala	-	-	-	-	2	-	148,568
Guinea	-	-	-	-	-	-	32,497
Guyana	-	-	-	-	-	-	272,712
Honduras	3	1 TAS, 2 TRA	354,150	14.20	-	-	6,998
Indonesia	2	INV	420,514	54.40	1	30.85	185,102
India	3	INV	545,861	31.20	1	-	40,182
Iran	10	INV	3,587,756	272.60	7	288.40	1,103,272
Cote d'Ivoire	-	-	-	-	3	86.80	63,942
Jamaica	-	-	-	-	-	-	1,604
Jordan	7	3 INV, 2 TAS, 2 TRA	1,218,117	98.80	5	87.30	1,371,800
Kenya	-	-	-	-	2	6.00	144,583
Latin America (region)	-	-	-	-	-	-	9,077
Lebanon	1	INV	258,006	18.50	1	135.00	473,741
Libya	1	CPG	80,000	-	-	-	6,198
Malaysia	4	INV	360,058	46.10	1	-	186,774
Macedonia	3	1 TAS, 2 TRA	327,224	13.50	-	-	130,521
Mexico	-	-	-	-	3	65.70	559,380
Morocco	5	INV	1,088,428	72.50	3	38.60	244,911
Mozambique	-	-	-	-	-	-	186,118
Nicaragua	-	-	-	-	1	9.60	117,481
Nigeria	5	INV	769,856	57.00	-	-	477,012
Oman	1	CPG	80,000	-	-	-	-
Pakistan	-	-	-	-	1	18.90	423,706

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Country	No. of projects approved in 1999	Type	Amount approved	ODP to be phased out	No. of projects - all types - completed during 1999	ODP phased out in 1999	Disbursements during 1998 (All projects)
Peru	-	-	-	-	1	-	18,860
Philippines	-	-	-	-	-	-	64,010
Qatar	1	INS	68,450	-	-	-	14,905
Romania	4	1 INV, 1 TAS, 2 TRA	983,452	182.40	2	-	799,074
Senegal	-	-	-	-	1	-	13,445
Sudan	4	1 INV, 1 TAS, 2 TRA	589,968	95.10	-	-	25,252
Syria	2	INV	463,391	34.30	2	59.90	1,644,781
Thailand	-	-	-	-	-	-	44,767
Tunisia	1	INV	76,127	29.80	3	70.25	703,536
Turkey	3	INV	1,225,492	182.80	2	135.00	367,692
Tanzania	-	-	-	-	-	-	54,793
Uruguay	-	-	-	-	-	-	75,314
Venezuela	8	7 INV, 1 TRA	1,602,515	157.60	2	46.40	427,350
Viet Nam	1	TAS	25,000	-	1	-	47,799
Yemen	-	-	-	-	-	-	4,867
Yugoslavia	-	-	-	-	1	-	630,509
Zimbabwe	-	-	-	-	1	-	85,226

ANNEX II

DATABASE

(The UNIDO's database was included in the Consolidated Report that is available on the Secretariat's website (www.UNMFS.org). It is also available upon request.