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EXECUTIVE COMMITTEE OF
THE MULTILATERAL FUND FOR THE
IMPLEMENTATION OF THE MONTREAL PROTOCOL
Twenty-eighth Meeting
Montreal, 14-16 July 1999

UNIDO PROGRESS REPORT

COMMENTS OF THE FUND SECRETARIAT

Status of Implementation

1. During the reporting period (1997-1998), UNIDO completed 88 projects, phased out almost 8,000 OPD tonnes, and disbursed US $35 million.

2. UNIDO has completed 57 per cent (128 projects) of the 226 investment projects approved for its implementation through 1998. It has phased out 65 per cent (14,890 tonnes) of the ODP to be phased out from its portfolio of approved projects (22,804 tonnes). UNIDO has disbursed 57 per cent (US $ 92 million) of the resources approved by the Fund for it through 1998 (US $ 161 million) and it plans to disburse 41 per cent (US $ 29 million) of the balance by the end of 1999.

3. UNIDO had a balance of US $ 1.1 million from unused project preparation funds at the end of 1998 and the Committee approved an additional US $ 963,000 for project preparation at its first meeting in 1999. UNIDO has completed 42 per cent of its non-investment projects.

Methyl bromide

4. The Secretariat analyzed the remarks on methyl bromide projects for UNIDO as UNIDO has the largest methyl bromide programme of all of the implementing agencies both in value and number of projects. The Secretariat could determine the stage of milestone accomplished for all but seven UNIDO's 23 demonstration projects. 16 have completed the initial stages of project implementation (agreements signed and bidding completed). Fourteen of the 16 projects have signed contracts for implementation. The two projects that have not reached this stage are as follows:

- Demonstration project - Alternatives to the use of methyl bromide in the cultivation of tomatoes, strawberries, tobacco, melons and cut flowers in Mexico (MEX/FUM/25/DEM/81) and
- 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) in Uruguay (URU/FUM/25/DEM/28).

5. The remarks in the progress report database clearly indicated that start-up activities have begun in country for demonstration projects in Brazil, China (People's Republic), Croatia, Guatemala and Morocco. Therefore, the progress report remarks indicated that of the 23 demonstration projects approved through 1998, UNIDO had begun start-up activities in five countries by the end of 1998.

6. UNIDO noted that it was having administrative problems that have caused a 10 month delay in the methyl bromide demonstration project in Jordan (JOR/FUM/25/DEM/40) that was approved in July 1998 in the amount of $385,000. The project has disbursed $7,530 of the $385,000 budget. UNIDO informed the Secretariat that some of the problems were related to identifying a suitable subcontractor for the execution of the tests and to logistical problems.

7. UNIDO has been able to complete project preparation for some demonstration projects very quickly as six project preparation projects from the 24th Meeting in March 1998 and two projects approved at the 25th Meeting in July 1998 were already listed as completed as at the end of December 1998.

Change in focus of demonstration projects

8. UNIDO informed the Secretariat that the methyl bromide alternative demonstration project in Jamaica (JAM/FUM/26/DEM/10) will have a change of focus from what was originally envisioned. No funds have been disbursed of the $102,850 approved for the project. UNIDO notes in its remarks that the project turned out to be used for a different crop so cancellation was suggested. UNIDO subsequently informed the Secretariat that the funds would be used for rice storage. The Committee may wish to consider canceling this project as the project description was inaccurate.

Implementation delays

9. UNIDO appended 24 projects with implementation delays to its progress report. UNIDO's first list includes 18 projects (one of which, the Syrian institutional strengthening project is included in both of the first and second lists). Most of the delays this year were attributed to negotiations on cost-sharing and counterpart clearance of terms of reference. Last year, most delays were attributed to higher bids than expected and the completion of counterpart activities.

10. UNIDO included two lists of projects with implementation delays. The second list includes 8 projects that were classified with implementation delays last year. Of this list, the two institutional strengthening projects are underway and 4 of the 5 investment projects were completed in December 1998 and phased out 1,328 ODP tonnes according to UNIDO's database.

Discrepancies in the number of projects with implementation delays

11. The Secretariat compared its list of implementation delays with the list appended to UNIDO's progress report. The Secretariat identified two investment projects, 37 project preparation projects, and three technical assistance projects that were not included in UNIDO's lists. The number of projects with implementation delays is important because implementing agencies must then continue to report on these projects to the next Executive Committee meeting.

12. The following investment projects were not included in UNIDO's list of projects with implementation delays:

- INDATEC refrigeration project in Mozambique approved in November 1995 (MOZ/REF/18/INV/04)
- Riaz Electric Company project in Pakistan approved in May 1996 (PAK/REF/19/INV/09)

13. UNIDO did not include project preparation in their lists of implementation delays. UNIDO has 37 ongoing project preparation projects that are classified as projects with implementation delays. Two of those

project preparation projects were approved at the 10th Meeting in June 1993 (Project preparation in India's solvent sector [IND/SOL/10/PRP/07] and Project preparation for phase out in the unorganized sector in India [IND/SEV/10/PRP/06]). The following six project preparation projects were approved at the 15th Meeting in December 1994:

- Project preparation in the foam sector in Turkey (TUR/FOA/15/PRP/11)
- Project preparation for phasing out ODS in SMEs in Indonesia (IDA/SEV/15/PRP/24)
- Project preparation for projects in commercial refrigeration, air-conditioning, foam and halon sectors in Jordan (JOR/SEV/15/PRP/21)
- Project preparation to establish a National Centre for recovery and recycling in Algeria (ALG/REF/15/PRP/07)
- Project preparation for the flexible foam sector in Syria (SYR/FOA/15/PRP/08)
- Project preparation to set up a national refrigerant recovery and recycling centre, national halon bank in Seychelles (SEY/SEV/15/PRP/03).

14. The following technical assistance projects are also classified as projects with implementation delays:

- Feasibility study for recovery/recycling of CFC refrigerants in India that was approved in June 1993 (IND/REF/10/TAS/05)
- Preparation of CFC phase out strategy for refrigeration and A/C industries and services that was approved in November 1993 in Nigeria (NIR/REF/11/TAS/07)
- Strategy for ODS phase out in refrigeration industry in Pakistan (PAK/REF/12/TAS/03)

Possible project cancellations

15. The Committee may wish to consider the following projects for cancellation following a report from UNIDO to be presented at the 28th Meeting:

- No funds have been disbursed for the $74,565 Alki S.A. aerosol project in Tunisia (TUN/ARS/22/INV/20) approved in May 1997. UNIDO discovered that the company merged with a larger company. UNIDO indicates that the project is in the process of cancellation.
- UNIDO informed the Fund Secretariat by fax that a project that was approved for it in 1999, after the reporting period for its progress report, should be considered for cancellation. The project was for project preparation funds to prepare an investment project in Brazil's aerosol sector (BRA/ARS/27/PRP/127). However, all CFC use in the aerosol sector was banned in 1998 in Brazil (except for medical purposes). The project was approved for US $30,000.

Customs problems

16. During 1998, UNIDO had different problems associated with customs clearance in various countries including inter alia, Nigeria. UNIDO is reporting that the situation in Nigeria remains unchanged despite effort. UNIDO currently has three investment projects that were all approved at the 26th Meeting and one technical assistance project in Nigeria with remaining balances totaling over US $1.2 million excluding agency fees:

- A.G. Leventis refrigeration project (NIR/REF/26/INV/30) approved for US $190,420
- New Ltd. refrigeration project (NIR/REF/26/INV/40) approved for US $361,770
- Kolinton Technical Industries refrigeration project (NIR/REF/26/INV/44) approved for US $674,348
- Preparation of CFC phase out strategy for refrigeration and A/C industries and services technical assistance project (NIR/REF/11/TAS/07) has a balance of US $25,886

17. Moreover, there are several projects anticipated in the 1999 business plans of the implementing agencies for Nigeria. The Committee may wish to consider if the issue of customs clearance should be resolved before additional projects are approved that might be subjected to these delays.

Adjustments

18. UNIDO notes in its Adjustments Table that it is returning US $998,605 to the Multilateral Fund in funds approved by the Executive Committee after the financial completion of 16 projects. Most of the requested adjustments are for project preparation accounts. Most of the funds (US $802,118 excluding agency fees), however, are attributed to the cancellation of the Barlan Metal foam project in Turkey (TUR/FOA/18/INV/18) that was reported cancelled at the 25th Meeting.

Completed projects with remaining balances

19. UNIDO has 63 completed projects with no estimated disbursements in 1999 and remaining balances totaling US $2,522,718 (excluding agency fees). It has 50 projects that were completed over one year ago but have remaining balances totaling US $2,286,751 (excluding agency fees). UNIDO has not estimated any disbursement for many of these projects.

20. UNIDO has several project preparation accounts with remaining balances for which UNIDO's comments indicate that there is no potential project or that funds are to be returned. The Secretariat presented this issue to UNIDO and UNIDO informed the Secretariat that it would "review the situation and settle the issue in the course of this year". The Committee may wish to request a report on the disposition of the following projects at its 28th Meeting:

- ARG/SEV/21/PRP/52 approved in February 1997 has a balance of about $8,000.
- BRA/SEV/21/PRP/63 approved in February 1997 has a balance of about $2,200.
- CPR/SEV/17/PRP/132 approved in July 1995 has a balance of about $400.
- CRO/FOA/21/PRP/03 approved in February 1997 has a balance of about $21,000.

- CUB/FUM/24/PRP/08 approved in March 1998 has a balance of about $7,000.
- Project preparation for Elasta foam enterprise in Uruguay (ECU/SEV/17/PRP/17)--negotiations have been ongoing for three years for the Elasta foam project preparation. No additional funds have been disbursed since 1995, the project is already 14 months late and the last two years, UNIDO has reported no progress. The project has a balance of US $9,252.
- GUA/FUM/21/PRP/12 approved in February 1997 has a balance of about $2,000.
- HON/FOA/21/PRP/03 – approved in February 1997 has a balance of $22,000. UNIDO reported that in 1997 it was waiting from a response from the ozone office to mount a mission. In 1998, UNIDO indicates that the ozone office is being contacted to find out about possible projects. That contact was supposed to have been made before requesting funding for this activity; however, 22 months since approval, the progress report reports that it is still in the initial stage of discovery. The project is now planned to be completed 18 months late.
- IVC/REF/24/PRP/11 – Only $7,903 of the $20,000 was disbursed but UNIDO states that it was determined that there was no potential project after a mission.
- NIC/REF/24/PRP/04 – Only $3,000 of the $30,000 approved for this project was disbursed, but Finland decided to prepare the RMP for Nicaragua. UNIDO states that the funds are to be returned.
- PAK/FUM/24/PRP/24 - $8,868 of the $30,000 was used for a mission that determined that the commodity for which the demonstration was planned was ineligible.

21. UNIDO did not provide a specific response for the remaining balances of these specific projects; however, it replied to a generic question about remaining balances from apparently completed projects by informing the Secretariat 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". UNIDO's requests for project preparation normally indicate that they have received an official request from the Government to prepare projects for specific enterprises. Other agencies request funds on the basis of sectors and/or countries. The problem with open-ended project preparation accounts is to determine when the project should be cancelled. As shown in the list of projects that follows, many projects were approved in 1994 and 1995 but have yet to be completed. The Committee may wish to offer a suggestion on how to determine when such projects should be completed.

- Project preparation for methyl bromide alternative in Algeria (ALG/FUM/22/PRP/24) approved at the 22nd Meeting in June 1995. UNIDO indicates that the project is in the process of being canceled due to the Committee's decision to have one demonstration project for Tunisia and Algeria.
- Project preparation in Guatemala (GUA/FUM/21/PRP/12) Viet Nam (VIE/FUM/22/PRP/16), and Zimbabwe (ZIM/FUM/22/PRP/11) that have a remaining balance and are listed as ongoing although the remarks in UNIDO's database indicate that the projects have been prepared and approved by the Executive Committee.
- GUI/FOA/21/PRP/04 approved in February 1997 has a balance of $9,000 and the remarks indicated that the two plants for which the funds were intended had already converted to MeCl.
- IDS/SEV/15/PRP/24 approved in December 1994 has a balance of about $29,000.
- IDS/SEV/21/PRP/54 approved in February 1997 has a balance of about $7,000.

- JOR/SEV/15/PRP/21 approved in December 1994 has a balance of about $6,000.
- KEN/FUM/23/PRP/15 approved in November 1997 has a balance of about $7,000.
- MAL/FOA/18/PRP/69 approved in November 1995 has a balance of about $1,000.
- MDS/SEV/18/PRP/02 approved in November 1995 has a balance of about $4,000.
- MOR/SEV/21/PRP/07 approved in February 1997 has a balance of about $4,000.
- PER/SOL/17/PRP/10 approved in July 1995 has a balance of about $12,000.
- SEN/FUM/25/PRP/11 approved in July 1998 has a balance of about $9,000.
- SYR/FUM/23/PRP/27 approved in November 1997 has a balance of about $7,000.
- TUN/SEV/21/PRP/18 approved in February 1997 has a balance of about $9,000.
- TUR/FOA/15/PRP/11 approved in December 1994 has a balance of about $2,000.
- YUG/SOL/23/PRP/05 approved in November 1997 has a balance of about $7,000.
- ZIM/FUM/22/PRP/11 approved in May 1997 has a balance of about $2,000.

Differences in data between the progress report and project completion reports

22. The Secretariat identified 29 projects whose dates of completion in the project completion reports were different from those in the progress reports. Dates were often more than one year different. Most of the reasons for the discrepancies seem to suggest a misunderstanding of the definition of phase-out. UNIDO indicated the following reasons for differences in the data:

- administrative reservations by the general contractor or subcontractor;
- additional activities beyond the scope of the project document were subsequently carried out by the counterpart;
- it may take up to one year to finalize the project completion report and obtain all of the hand-over protocols, certificates of completion, etc;
- it took additional time to achieve the required quality of the final products;

23. The Secretariat also identified 18 projects for which the ODP phased out in the progress report and the ODP phased out in the project completion were different. The progress report had a net of 559 ODP tonnes phased out more than the project completion reports. Several of the reasons for the differences indicated confusion over the definition of phase-out. UNIDO indicated that it would either amend the progress report and/or the project completion reports.

Continued use of CFCs despite project completion

24. The clarifications provided by UNIDO on the differences in ODP phased out between the progress report and the project completion report identified a project that had been completed, for which it appears that the enterprises continued to use CFCs after the project was completed:

25. The Hualing refrigeration project in China (CPR/REF/22/INV/204), UNIDO indicated that the company is only partially converted to HCFC-141b due to the high price of the new chemical. UNIDO indicated that it had little influence on the company in this regard, since the conversion from CFC-11 to HCFC-141b was not paid from the project. However, since US $553,528 of the total grant of US $764,108 was for operating costs, the disbursement of which might have some influence.

26. The Committee may wish to consider if funds can be provided to enterprises that continue to use ODS to be phased out as part of the overall project objectives, after the project has been completed.

RECOMMENDATIONS

The Executive Committee may wish to consider:

1. The overall status of the methyl bromide demonstration project that is primarily under UNIDO implementation.

2. Cancellation of the demonstration project for Jamaica (JAM/FUM/26/DEM/10).

3. Requesting UNIDO to provide reports on all of the projects with implementation delays that were identified by the Secretariat in accordance with the Committee's procedures concerning projects with implementation delays.

4. Cancellation of the following projects after hearing a status report from UNIDO:

   - Alki S.A. aerosol project in Tunisia (TUN/ARS/22/INV/20) and
   - Project preparation in Brazil's aerosol sector (BRA/ARS/27/PRP/127).

5. A status report on the customs clearance issue in Nigeria by UNIDO and deferring any future approval for Nigeria until the customs clearance issue is resolved.

6. For how long should remaining balances exist after project completion before the agencies should return the remaining balances to the Fund.

7. If any action should be taken for those beneficiaries that have continued to use CFCs after or total equipment replacement.

UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION

UNIDO Progress and Financial Report 1998

(Revised version - June 1999)

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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 ODPs (wherever applicable), approved funding and disbursement characteristics are presented in Table 1: "Annual Summary". As of 31 December 1998, UNIDO's cumulative 1993-1998 approved activities under the Multilateral Fund amount to US$ 160,646,705, 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 1998, UNIDO's cumulative disbursement for all projects (completed and ongoing) amounts to US$ 91,467,573 (excluding Agency Support Cost) (Table 1 "Annual Summary") corresponding to a delivery (implementation) rate of 57%. Out of this amount, US$ 86,249,853 relate to cumulative disbursement for investment projects and technical assistance projects (recovery and recycling projects) (Table 2, "Summary Data by Project Type" refers.

B. Interest

3. The interest earned and reported, split by years 1993-1998 amounts to US$ 14,268,229 and is show in the "Annual Summary", Table 1. The interest for 1998 amounts to US$ 4,403,236.

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

4. UNIDO's above-outlined cumulative (1993-1998) 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)	400,000	less than 1.00%
DEM (Demonstration projects)	7,872,810	4.90%
INS (Institutional strengthening)	1,147,103	less than 1.00%
INV (Investment projects)	144,679,535	90.06%
PRP (Project preparation)	4,514,508	2.81%
TAS (Technical Assistance)	2,023,953	1.26%
TRA (Training)	40,000	less than 1.00%
Total (excluding agency support cost)	**160,646,705**	**100.00%**

5. In 1998, UNIDO, following request of a number of countries, has maintained its leading role in the fumigants sector (methyl bromide) and has

advanced its intervention therein by being involved in the implementation of their demonstration projects in the use of alternatives to methyl bromide in the countries given in the following table.

Demonstration Projects

Country	Crops or commodities	Approval
Botswana	Non-cultivation techniques, bio-fumigation, solarization	July 1998
Cameroon	Tobacco seedbeds	July 1998
Colombia	Bananas	November 1998
Croatia	Tobacco	July 1998
Dominican Republic	Tomatoes, melons, tobacco, flowers	November 1998
Indonesia	Stored products (rice, coffee, corn)	November 1998
Jamaica	Tobacco	November 1998
Jordan	Cucumbers and tomatoes	July 1998
Kenya	Cut flowers	March 1998
Macedonia	Tobacco, tomatoes and cucumbers	November 1998
Mexico	Tomatoes, strawberries, melons and cut flowers	July 1998
Syria	Grain storage (rice, maize, tapioca, feed grains)	July 1998
Thailand	Rice, maize, tapioca, feed grains and pulses	July 1998
Tunisia	Palm dates (post harvest)	March 1998
Turkey	Tomatoes, cucumbers, flowers	July 1998
Uruguay	Cucumbers, peppers, seedbeds and nurseries	July 1998
Viet Nam	Stacked bags of rice, grain in silos and timber	March 1998

Further, in 1998 UNIDO started also with the implementation of investment projects (phase out) in the same sector, as shown below:

Country	Crops or commodities	ODP to be phased out	Approval
Cuba	Tobacco	48.00 tonnes	November 1998
Senegal	Peanut seed fumigation	0.7 tonnes	November 1998

Finally, a non-investment projects was approved for the Democratic People's Republic of Korea in 1998 with the following details:

Country	Scope	Approval
D.R. Korea	Awareness increase	July 1998

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

Type	US$	Percent
CPG (Country Programme Preparation)	325,318	less than 1.00%
DEM (Demonstration projects)	1,156,505	1.26%
INS (Institutional strengthening)	639,885	less than 1.00%
INV (Investment projects)	84,547,880	92.43%
PRP (Project preparation)	3,055,775	3.34%
TAS (Technical Assistance)	1,701,973	1.86%
TRA (Training)	40,237	less than 1.00%
Total (excluding agency support cost)	**91,467,573**	**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 was 57% as of 31 December 1998. UNIDO continued its concerted efforts throughout 1998 to accelerate project and programme delivery. At the same time, full attention was paid to quality aspects in project implementation. Furthermore, the Organization paid full attention t 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	6,732	4.38	3,095.20	13.85
Foams	24,430	15.91	6,214.00	27.81
Fumigants (demonstration and investment projects)	9,712	6.32	48.70	0.22
Halons	496	0.32	1,480.00	6.62
Refrigeration (including MACs and compressors)	104,535	68.08	10,670.40	47.76
Solvents	7,651	4.98	833.70	3.74

Totals	**153,556**	**100.00**	**22,342.00**	**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 14,095.40 tonnes with 2,587.10 tonnes in the aerosol sector, 3,247.30 ODP tonnes in the foam sector, 1,480 ODP tonnes in the halon sector, 6,213.80 ODP tonnes in the refrigeration sector - including MACs and compressors, 85.10 ODP tonnes in the recovery and recycling; and 357.40 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 partial phase out is a result of conversion activities in two projects in China and one project in Jordan resulting in additional 790 ODP tonnes.

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 1998) on a project-by-project basis amounts to 7,893.10 ODP tonnes. 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 6,958 ODP tonnes. In addition, 145.1 ODP tonnes were phased-out as a result of the completion of a number of technical assistance projects (recovery and recycling); these are listed in Table 4c entitled "Non-Investment Projects Completed since last Report". Further, 790 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 "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 forty-one non-investment projects (including project preparation), with an approved funding of US$ 2,460,440 were completed. Seventy-two percent of the funds were disbursed. Twelve of those projects were in Africa, 12 in Asia and the Pacific, nine in Europe and ten in the Latin

III. Global and Regional Project Highlights

A. Global Projects

15. A global project for development of refrigerant management plans in African countries (Togo, Burundi, Cameroon), approved at the 22nd ExCom was implemented. Specifically the draft RMP for Cameroon was finalized and the RMP for Togo was prepared but not yet finalized.

B. Regional Projects

16. The five technical assistance projects approved for the countries Benin, Burkina Faso, The Gambia, Guinea and Senegal under the regional project for preparation of a recovery and recycling project were implemented and completed in the reporting period resulting in the phase out of 85.10 ODP tonnes.

IV. Performance Indicators

A. Agency's Business Plan Performance Goals

A1. Investment Projects

Phase-out targets and achievement

17. According to UNIDO's Business Plan for 1998, UNIDO was supposed to phase out 6,845 ODP tonnes. However, the Executive Committee decided that the shortfall in phase-out from the 1997 Business Plans should be added to the implementing agencies' phase-out targets for 1998 from projects approved up to the end of 1997 (Decision 24/4a). Based on the modification by the Executive Committee the target for ODP phase-out for UNIDO including the shortfall from 1997 equals 7,688 ODP tonnes (MFS fax of 22 April 1999 to UNIDO refers). As mentioned earlier in this document, the ODP phase out during the reporting period (1 January - 31 December 1998) amounts to 7,893.10 tonnes. Accordingly, since UNIDO exceeded its revised target, the performance coefficient reads 103%.

Disbursement target and achievement

18. Based on the UNIDO Business Plan, the disbursement target for 1998 including 13 per cent agency support cost but excluding 15 per cent over-programming reads US$23,040,395. However, at its 24th meeting, the Executive Committee decided that the disbursement target for each implementing agency for 1998 should be 70% of the funds approved up to the end of 1997 for all funded projects (Decision 24/4b).

Based on the modifications by the Executive Committee, the target for disbursement for UNIDO, required for 1998, including agency support fees, reads US$ 28,942,753 (MFS fax of 22 April 1999 to UNIDO refers).

The amount of funds disbursed in 1998 is calculated as follows:

Type of project	**Funds disbursed as of 31 Dec 98 (US$)** *(Table 2 refers)*	**Funds disbursed as of 31 Dec 97 (US$)** *(Table 2 of PF Report for 1997 refers)*	**Funds disbursed in 1998** ***(difference)***
Investment projects	84,383,192	53,540,241	30,842,951
Demonstration projects	1,156,505	35,494	1,121,011
Recovery and Recycling (included under Technical Assistance)	1,385,610	567,016	818,614
Totals	**86,925,307**	**54,142,751**	**32,782,576**

The amount disbursed by UNIDO in 1998, including 13 per cent agency support cost reads US$ 37,044,311. It exceeds the target set by the ExCom and represent a performance coefficient of 128 per cent.

Speed of delivery indicators

In reviewing the investment projects completed since last report, Table 4 refers, an overall average speed to first disbursement of 9 months is observed against the target of 7 months in the 1998 Business Plan. However, an analysis of the overall average speed by year of approval for the same group of projects provides a different picture. Namely for approvals of 1997 the speed of first disbursement has improved considerably and is by far below the target:

Year of approval	**Speed of first disbursement (months from approval)**
1994	16.6 months
1995	12.0 months
1996	12.0 months
1997	4.9 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 11 months, Table 5: Cumulative Completed Investment Projects, down to an average of 8.6 months, Table 7: Cumulative Ongoing Investment Projects.

20. UNIDO had targeted in its 1998 Business Plan that the length of time from project approval to project completion (speed of ODS phase out) would be, on average, 18 months (for investment projects).

For the investment projects completed in 1998 - as per Table 4, an overall average speed of ODS phase-out of 27.9 months is observed. Analyzing the same data by the year of approval, then the speed of ODS phase out for approvals in 1997 is 18 months meeting exactly the target. For two investment projects approved in 1998 we observe an average speed of ODS phase out equal to 4 months being, by far, below the target of 18 months. The following table gives the speed of phase-out of the projects completed in1998 by year of approval:

Year of approval	**Speed of project completion (months from approval)**
1994	50 months
1995	38 months
1996	28 months
1997	18 months
1998	4 months

Details on the average speed of ODS phase-out for cumulative completed investment project can be obtained from Table 5.

21. The target cost of project preparation indicated in the 1998 Business Plan was, as a ratio, 0.03 (3 per cent). The disbursement incurred in 1998 for project preparation amounts to US$ 1,061,702 based on the following calculation:

	Funds disbursed for project preparation (US$)
Cumulative disbursement according to P&F Report of 1998 (Table 2)	3,055,775
Cumulative disbursement according to P&F Report of 1997 (Table 2)	1,994,073
Difference (disbursed in 1998)	**1,061,702**

In 1998 the Executive Committee approved for UNIDO investment projects for a value of US$ 25,258,055 (including agency support cost). This results in cost (expressed as a ratio) for project preparation of 0.04 as a ratio. However, three additional projects: two in the compressor sector in IRA and CPR, and one in the refrigeration sector in the Former Republic of Yugoslavia were prepared and submitted in the reporting year. These projects were deferred, for different reasons. The value of the three projects amounted to, at least, US$ 5.9 million, giving a total value of US$ 31.16 million. This would result in cost (expressed as a ratio) for project preparation of 0.03 which is equal with the target.

22. According to the 1998 Business Plan, the cost-effectiveness of project submissions for 1997 (excluding recovery and recycling, investment projects for LVCs and demonstration projects in the methyl bromide sector) was US$ 6.37/ODP kg. The cost-effectiveness of project submissions and approvals

(excluding recovery and recycling project, investment projects for LVCs and methyl bromide demonstration projects), taking into consideration the indirect phase out due to compressor projects is US$ 5.82/ODP kg and US$6.27/ODP kg, without taking into consideration the indirect phase out due to the (same) compressor projects. In both scenarios, the cost effectiveness value of project submissions is better than the target cost-effectiveness target.

23. According to the 1998 Business Plan, the cost-effectiveness of project submissions for LVCs was US$ 6.49/ODP kg. Only one project was, however, considered and approved with a cost effectiveness of US 13.5/ODP kg which is almost equal to the cost-effectiveness value estimated in the 1998 Business Plan for the same project.

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	**1998 UNIDO Business Plan and/or MFS fax of 22 April 1999**	**Progress and Financial Report (P&F) for 1998**	**P&F vs BP (remarks wherever applicable**
ODP phase out	7,688 ODP tonnes	7,893.10 ODP tonnes	103%
Speed of ODP phase out (average in months)	18 months	27.9 months (18 months for projects approved in 1997 and completed in 1998)	
Funds disbursed	US$ 28,942,753	US$ 37,044,311	128%
Speed of first disbursement (average in months)	7 months	9 months (5 months for approvals of 1997 completed in 1998)	
Cost of project preparation (as a ratio)	0.03	(a) 0.04 (b) 0.03	(a) Projects prepared and approved; (b) Projects prepared, submitted but deferred. (Para 21, pp.10 refers)
Cost-effectiveness of project submissions (average)	US$ 6.37/ODP kg	US$ 5.82 (with indirect phase out) US$6.27 (without indirect phase out)	
Cost effectiveness of investment projects for LVCs (average)	US$ 6.49/ODP kg	n. a.	Paragraph 23 refers.

A2. Non-investment Projects

25. A total of four project, three Country Programmes in Bosnia and Herzegovina, Qatar and Federal Republic of Yugoslavia (Serbia and Montenegro), as well as one Institutional Strengthening Project in Egypt - Phase II - were completed in 1998.

A fifth project, namely the Preparation of the Country Programme for Saudi Arabia could not be tackled since the project was not approved by the Executive Committee.

26. Speed of completion: The average time of non-investment projects completed in 1998 as per Table 4c is 8 months, which is below the target of 10 - 12 indicated in the 1998 Business Plan.

27. Disbursement: According to the Business Plan for 1998, the amount expected to be disbursed (target) was US$ 821,640. The amount disbursed in 1998 was US$ 970,057 (Table 2 refers), which is higher than the target.

28. The average speed of first disbursement of the non-investment projects completed in1998 (Table 4c) is 4months.

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

Performance Indicators: UNIDO targets and achievements in 1998

Performance indicator	1998 Business Plan and/or MFS fax of 22 April 1999	Progress and Financial Report (P&F)	P&F vs. BP (remarks wherever applicable)
Completed projects	Five projects - including the preparation of the Country Programme for Saudi Arabia, which was not approved	4 projects (3 Country Programmes and 1 institutional strengthening project	The planning figure was based on the assumption that the CP for Saudi Arabia would be approved.
Speed of completion (average	10 - 12 months	8 months	
Disbursement in 1998	US$ 0.821 million	US$ 0.97 million	118% of the target
Speed of first disbursement (average)	Not provided	4 months	

B. Cumulative completed investment projects

30. Since 1993, UNIDO's cumulative total number of completed projects has grown to 128, resulting in the phase out of 14,890.15 ODP tonnes (including partial phase from ongoing projects). Out of a total of US$ 84,091,048 of approved MF financing for completed projects, 82 per cent of the funds has been disbursed. The average number of months from approval to first disbursement has been eleven (11) months. The average number of months from approval to completion has been twenty-six (26) months. Cost effectiveness of completed project is US$ 5.87/kg (without the ODP phase out from partially completed projects), whereas the figures of the cost-effectiveness on a sectoral basis give an even more impressive picture, i.e., US$ 2/kg for projects in the aerosol sector and US$ 3.18/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

31. Since 1993, UNIDO's cumulative total number of completed non-investment projects, excluding the project preparation, reads 22. Out of a total of US$ 2,804,499 of approved MF financing, 90 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 projects

32. By the end of 1998, UNIDO's cumulative portfolio of investment projects contained 98 projects. Of the US$ 60.5 million approved budget, 26.4 per cent has already been disbursed. It takes an average of 8.6 months from approval to first disbursement. The Africa region had 26 ongoing projects, Asia and the Pacific 49 ongoing projects, Europe six ongoing projects and Latin America and the Caribbean 17 ongoing projects. Table 7 illustrates variations of implementation characteristics among regions and sectors for UNIDO ongoing investment projects. This table does not include TAS type of projects. All ongoing projects are object-sensitive and the disbursement of funds takes place during implementation.

E. Cumulative ongoing non-investment projects

33. End of 1998, UNIDO's cumulative portfolio of ongoing non-investment projects, excluding project preparation, contained 31 projects. These activities are spread as follows: 7 projects in Africa, 10 in Asia and the Pacific, 6 in Europe and 8 in Latin America and the Caribbean. Out of a total of US$ 8.9 million approved MF financing, 17% of funds has been disbursed. The average number of months from approval to first disbursement has been 2.72 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

34. 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 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 the time elapsing between project approval and first disbursement.

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

35. As of the end of 1998, UNIDO was active in terms of project preparation in the following countries:

AFRICA:
Algeria, Cameroon, Egypt, Guinea, Côte d'Ivoire, Morocco and Tunisia;
ASIA/PACIFIC:
P.R. of China, India, Indonesia, Iran, Jordan, Malaysia, Syria;
EUROPE:
Croatia, the F.Y.R. of Macedonia, Romania, Turkey and the F.R. of Yugoslavia;
AMERICA/CARIBBEAN:
Argentina, Brazil, Honduras, Nicaragua and Peru.

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

A. Meetings attended

36. UNIDO attended/participated at the following meetings:

1 Participation at the 7th Informal Advisory Group Meeting of Implementing Agencies, Paris, France, 8-9 January 1998

2 Participation on activity coordination and on preparation of guidelines and strategy to be adopted for the methyl bromide sector, Montreal, Canada, 1-7 February 1998.

3 Attend a conference on International Business Opportunities for Canadian Experts in ODS replacements, Vancouver, Canada, 19 March 1998.

4 Participation at the 24th Executive Committee Meeting for the Implementation of the MP as well as in the Sub-Committee on Project Review, Montreal, Canada, 23-27 March 1998.

5 Attend the 4th Workshop of the ODS Officers Network for Central America, Mexico and the Spanish Speaking Caribbean, Panama City, Panama, 30 March - 1 April 1998.

6 Attend the Regional Workshop on Control and Monitoring of ODS Consumption for Latin America, Panama City, Panama, 2 - 4 April 1998.

7 Participate at a meeting with NEPA to review ongoing activities and prepare new activities for 1999, as well as discuss issue of sectoral phase-out of tobacco sector and the involvement of UNIDO in the production sector, Beijing, China, 22-24 May 1998.

8 Participate in the workshop on Methyl Bromide alternatives in Mediterranean Countries, Rome, Italy, 25-29 May 1998

9 To attend the 3rd Regional ODS Officers meeting for ROWA countries, Beirut, Lebanon, 15-17 June 1998.

10 To initiate the preparation of a project in retrofitting of refrigeration systems in collaboration with the Canadian Expert as agreed with the Ozone Focal Point of Environment Canada, Havana, Cuba, 21-29 June 1998.

11 Participation at the 5th workshop of South American ODS Officers Network, as well as discuss various issues with Ozone Officer and counterparts on two ongoing projects, Buenos Aires, Argentina, 23-27 June 1998.

12 Attend the Meeting of the Implementation Committee, Geneva, Switzerland, 6 July 1998

13 Attend the 17th Meeting of the Open-Ended Working Group of the Parties to the Montreal Protocol, Geneva, Switzerland 7 - 9 July 1998.

14 Participation at the 25th Executive Committee Meeting for the Implementation of the MP as well as in the Sub-Committee on Project Review, Montreal, Canada, 27-31 July 1998.

15 Participate in the ODSONET/SEAP 1998 Meeting Officers Network, Singapore, 24-27 August 1998.

16 Participate in the Workshop on Progress Report and business Plan organized upon the recommendation of the 25th Executive Committee Meeting of the Multilateral Fund Secretariat, Montreal, Canada, 27-28 August 1998.

17 To attend the workshop on updating and policies on the China Country Programme, as well as discuss the draft agreement on joint implementation modalities between SEPA and UNIDO, Beijing, China, 15-18 September 1998.

18 Participate in the ODSONET/AF 2nd Joint Meeting of ODS Officers, Ouagadougou, Burkina Faso, 29 September - 1 October 1998.

19 To participate at a meeting to finalize investment projects, Montreal , Canada 7-10 October 1998.

20 To participate at the 2nd ODSONET/South Asia Network Meeting, Bangkok, Thailand, 21-23 October 1998.

21 To participate at the Earth Technology Forum, Washington, USA, 25-31 October 1998.

22 Participation at the 25th Executive Committee Meeting for the Implementation of the MP as well as in the Sub-Committee on Project Review, and the 10th Meeting of the Parties, Cairo, Egypt, 7-26 November 1998.

23 Participate at the 4th Ozone Officers Meeting, Doha, Qatar, 6-8 December 1998.

24 Attend a meeting in Iran to advice counterparts on issues related to CFC conversions, Tehran, Iran, 9-11 December 1998.

B. Implementing agency and other cooperation

37. Cooperation with UNDP: The cooperation and coordination between the two agencies is strengthened and the activities/division of labor in all regions continues.

38. Cooperation with UNEP: UNIDO is regularly attending regional workshops organized by UNEP.

39. Cooperation with the World Bank: The coordination of activities continues alongside the earlier established lines of good spirit and good cooperation.

40. 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.

41. 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 1999. This applies to the refrigeration and the methyl bromide sectors.

C. Adjustments

42. Table 10 summarizes adjustments to projects with undisbursed 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

43. 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 many delays, sometimes of over one year, which could have been otherwise avoided if all Article 5 countries complied with this stipulation.

44. With respect to the 1999 freeze target and, according to a rough analysis of the CFC consumption trend in Article 5 countries where UNIDO is active, it is reasonable to assert that these countries will be able to achieve the 1999 freeze, provided that all projects approved by the end of 1997 are completed, except for countries where no investment projects have been approved so far, such as Bosnia and Herzegovina and Qatar. UNIDO, for its part, will certainly put all its efforts to ensure completion of these project provided that external constraints such as the one indicated in the previous point are removed.

Tables

Table 1 Annual Summary

Table 2 Summary Data by Project Type

Table 3 ODP Phase-out by Sector, Region and Country - Ongoing Projects
Table 3a ODP Phase-out by Sector, Region and Country - Completed Projects
Table 3b Partial ODP Phase-out - By Sector, Country, Region

Table 4 Investment Projects Completed Since Last Report
Table 4a Completed Projects - ODP Phase-out
Table 4b Canceled/closed projects
Table 4c Non-Investment Projects Completed since last Report

Table 5 Cumulative Completed Investment Projects by Region, Sector and Implementation Characteristics

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

Table 7 Cumulative Ongoing Investment Projects by Region, Sector and Implementation Characteristics

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

Table 9 Active Project Preparation Accounts

Table 10 Adjustments

Year/ Implementation Characteristic	Number of Approvals	Number Completed	Per Cent Completed	ODP to be Phased Out	ODP Phased Out	Per Cent of ODP Phased Out	Approved Funding (US$)	Adjustment (US$)	Funds Disbursed (US$)	Per Cent of Funds Disbursed	Balance (US$)
Disbursement during Implementation											
1992	0	0	0.00%	0.00	0.00	0.00%	0	0	0	0.00%	
1993	20	16	80.00%	993.80	981.10	98.72%	5,601,270	5,788,993	10,632,651	93.35%	757,(
1994	52	45	86.54%	3163.10	3209.00	101.45%	31,434,516	(73,283)	28,923,164	92.23%	2,438,(
1995	65	45	69.23%	4486.50	3502.40	78.07%	25,716,623	(57,988)	18,262,986	71.18%	7,395,(
1996	49	38	77.55%	3360.00	2747.05	81.76%	20,408,498	0	11,719,565	57.42%	8,688,(
1997	133	60	45.11%	7221.26	3516.60	48.70%	43,809,669	170,000	17,747,165	40.35%	26,232,(
1998	89	19	21.35%	2783.70	609.20	21.88%	23,871,778	0	1,891,852	7.93%	21,979,(
1999	0	0	0.00%	0.00	0.00	0.00%	0	0	0	0.00%	
Subtotal	408	223	54.66%	22008.36	14565.35	66.18%	150,842,354	5,827,722	89,177,383	56.92%	67,492,(
Disbursement after Completion											
Retroactively Funded	7	6	85.71%	333.70	324.80	97.33%	2,829,526	0	1,650,305	58.32%	1,179,(
Time-sensitive Accounts	6	1	16.67%	0.00	0.00	0.00%	1,015,373	131,730	639,885	55.78%	507,(
GRAND TOTAL	**421**	**230**	**54.63%**	**22342.06**	**14890.15**	**66.65%**	**154,687,253**	**5,959,452**	**91,467,573**	**56.94%**	**69,179,**

Type	Number of Approvals	Number Completed	Percent Completed	Approved Funding (US$)	Adjustment (US$)	Funds Disbursed (US$)	Per Cent of Funds Disbursed	Balance US$	Planned Commitments in Current Year (US$)
Country Programme Preparation	5	5	100.00%	400,000	(31,441)	325,318	88.27%	43,241	22,000
Demonstration Projects	23	0	0.00%	7,975,660	0	1,156,505	14.50%	6,819,155	2,731,000
Institutional Strengthening Projects	6	2	33.33%	1,015,373	131,730	639,885	55.78%	507,218	135,700
Investment Projects	228	128	56.14%	138,610,555	5,800,960	84,383,192	58.43%	60,028,323	24,778,000
Project Preparation	140	80	57.14%	4,454,065	60,443	3,055,775	67.69%	1,458,733	762,800
Technical Assistance Projects	18	14	77.78%	2,191,600	(2,477)	1,866,661	85.27%	322,462	124,500
Training Projects	1	1	100.00%	40,000	237	40,237	100.00%	0	0
Other (Tobacco) Projects	0	0	0.00%	0	0	0	0.00%	0	0
SUB-TOTAL	**421**	**230**	**54.63%**	**154,687,253**	**5,959,452**	**91,467,573**	**56.94%**	**69,179,132**	**28,554,000**
Administrative Support				20,109,343	774,729	11,890,784		8,993,287	3,712,020
GRAND TOTAL	**421**	**230**	**54.63%**	**174,796,596**	**6,734,181**	**103,358,357**	**56.94%**	**78,172,419**	**32,266,020**

Status	Project Title	Region	Country	Sector	Mtg.	Type	No.	UNIDO Project No.	ODP to be Phased out			
									Aerosols	Foams	Halons	Refrig (includ a compr
ONG	Phasing out CFC-11 at La Mousse du Sud flexible polyurethane foam plant	AFR	ALG	FOA	23	INV		ALG/97/160		95.00		

ONG	Phase out of CFC-11 in the manufacture of flexible polyurethane foam through the use of methylene chloride technology at Ets. Matelas Djurdjura	AFR	ALG	FOA	25	INV		ALG/98/044		28.00
ONG	Replacement of CFC-11 and CFC-12 with hydrocarbons in the aerosol sector at Ets Djadir	AFR	ALG	ARS	25	INV		ALG/98/042	38.40	
ONG	Phase out of CFC-11 in the manufacture of flexible polyurethane foam through the use of methylene chloride technology at Ets. Maghreb Mousse	AFR	ALG	FOA	26	INV	29	ALG/98/093		24.00
ONG	Replacement of CFC-12 with HFC-134a for domestic refrigeration at Enapem	AFR	ALG	REF	26	INV	30	ALG/98/094		
ONG	Phasing out CFC-11 at Scimpos	AFR	CMR	FOA	23	INV		CMR/97/161		120.00
ONG	Phasing out CFC-11 at Sonopol	AFR	CMR	FOA	23	INV		CMR/97/158		130.00
ONG	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		EGY/96/038		
ONG	Phasing out CFCs at Parfumerie Gandour D.A.F.	AFR	IVC	ARS	20	INV	07	IVC/96/187	66.00	
ONG	Phasing out CFCs at Sicobel	AFR	IVC	ARS	20	INV	08	IVC/96/188	20.80	
ONG	Conversion of ODS cleaning processes from TCA to aqueous cleaning and cleaning in TCE at Kenyan Railways Central Workshop	AFR	KEN	SOL	23	INV		KEN/97/179		
ONG	Replacement of CFC-12 with HFC-134a for commercial refrigeration at Alom du Nord	AFR	MOR	REF	25	INV		MOR/98/049		
ONG	Replacement of CFC-12 with HFC-134a for commercial refrigeration at Batinox	AFR	MOR	REF	25	INV		MOR/98/050		
ONG	Replacement of CFC-12 with HFC-134a for commercial refrigeration at Smifam	AFR	MOR	REF	26	INV	27	MOR/98/096		
ONG	Phasing out of CFCs at INDATEC/Industria de aplicacoes technico-domesticas Ltd.	AFR	MOZ	REF	18	INV	04	MOZ/96/009		

ONG	Replacement of refrigerant CFC-12 with HFC-134a and foam blowing agent CFC-11 with cyclopentane in the manufacture of domestic refrigeration appliances at A.G. Leventis	AFR	NIR	REF	26	INV	30	NIR/98/098		
ONG	Replacement of refrigerant CFC-12 with HFC-134a and foam blowing agent CFC-11 with cyclopentane in the manufacture of domestic refrigeration appliances at New Ltd.	AFR	NIR	REF	26	INV	40	NIR/98/100		
ONG	Replacement of refrigerant CFC-12 with HFC-134a and foam blowing agent CFC-11 with cyclopentane in the manufacture of domestic refrigeration appliances at Kolinton Technical Industries	AFR	NIR	REF	26	INV	44	NIR/98/099		
ONG	Phase out of methyl bromide used in peanut seed fumigation in Novasen Ltd.	AFR	SEN	FUM	26	INV	12	SEN/98/110		
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	06	SUD/96/138		
ONG	Phasing out CFCs at CODIFA	AFR	TUN	ARS	22	INV		TUN/97/113	60.25	
ONG	Phasing out CFCs at Alki S.A.	AFR	TUN	ARS	22	INV		TUN/97/114	20.00	
ONG	Phasing out CFCs at Sogepar	AFR	TUN	ARS	22	INV		TUN/97/115	18.15	
ONG	Phasing out CFC-11 at Sud Inter Mousse flexible polyurethane foam plant	AFR	TUN	FOA	23	INV		TUN/97/170		102.00
ONG	Phasing out CFCs at Parhycos, Sfax, Tunisia	AFR	TUN	ARS	23	INV		TUN/97/173	10.00	
ONG	Phasing out of CFCs at Tanzania Domestic Appliance Manufacturers Ltd.	AFR	URT	REF	18	INV	06	URT/96/015		
	Subtotal Africa								233.60	499.00 -
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		CPR/95/127		
ONG	Conversion of compressor production for domestic refrigerators from CFC-12 to hydrocarbon refrigerant at Jiaxipera compressor factory	ASP	CPR	REF	18	INV		CPR/96/032		

ONG	Phasing out ODS at Hangzhou Huari Refrigerator Co.	ASP	CPR	REF	18	INV		CPR/96/042	
ONG	Phasing out ODS at the X'ian Yuan Dong Compressor Co., Xi'an	ASP	CPR	REF	19	INV		CPR/96/139	
ONG	Conversion of ODS precision cleaning processes from CFC-113 to aqueous cleaning at Jiaxipera compressor factory	ASP	CPR	SOL	22	INV		CPR/97/073	
ONG	Phasing out ODS at the refrigerator plant of Zerowatt Electric Appliances Group	ASP	CPR	REF	22	INV		CPR/97/091	
ONG	Conversion of ODS cleaning processes from CFC-113 to trichloroethylene at Hangli Refrigeration Ltd.	ASP	CPR	SOL	22	INV		CPR/97/075	
ONG	Phasing out ODS at the Yuhuan Compressor Factory in Kanmen Town in Yuhuan County, South East China	ASP	CPR	REF	23	INV		CPR/97/202	
ONG	Phasing out ODS at the refrigerator plant of Zhejiang Rongsheng Electric Co. Ltd., Zhejiang, Deqing Country	ASP	CPR	REF	23	INV		CPR/97/195	
ONG	Phasing out ODS at the Changshu Refrigerating Equipment Works (Baixue), Changsu	ASP	CPR	REF	23	INV		CPR/97/183	
ONG	Phasing out ODS at the refrigerator plant of Bole Electric Appliances Group	ASP	CPR	REF	23	INV		CPR/97/193	
ONG	Phasing out ODS at the freezer plant of Xing Xing Electric Appliances Industrial Co.	ASP	CPR	REF	23	INV		CPR/97/194	
ONG	Elimination of CFC-12 in manufacturing of EPE foam packaging nets at 25 enterprises (umbrella project)	ASP	CPR	FOA	25	INV		CPR/98/054	1,146.00
ONG	Phasing out ODS at the refrigerator plant of Hefei Hualing Electronic Co., Ltd.	ASP	CPR	REF	25	INV		CPR/98/047	
ONG	Conversion from CFC-12 to isobutane technologies and products at the compressor factory of the Hangli Refrigeration Ltd., in Hangzhou, China	ASP	CPR	REF	26	INV	256	CPR/98/108	

ONG	Replacement of CFC-11 with HCFC-141b foam blowing agent and CFC-12 with HFC-134a in the manufacture of domestic refrigerators/ freezers at the Beijing Freezing Equipment Factory.	ASP	CPR	REF	26	INV	259	CPR/98/109	
ONG	Conversion of metal cleaning processes from ODS solvent to vapour at Pyongyang September 18 Bearings Factory	ASP	DRK	SOL	26	INV	10	DRK/98/079	
ONG	Conversion of remaining metal cleaning processes from ODS solvents to vapour degreasing at Unsan Tools Factory (UTF)	ASP	DRK	SOL	26	INV	11	DRK/98/077	
ONG	Phasing out ODS at P.T. Jalur Sejuk	ASP	IDS	REF	22	INV		INS/97/106	
ONG	Conversion of precision cleaning and coating processes from ODS solvents to heat cleaning technologies and ODS free solvent coating at Malhotra Shaving Products Ltd.	ASP	IND	SOL	25	INV		IND/98/040	
ONG	Conversion of precision cleaning and coating processes from ODS to heat cleaning technologies and ODS free solvent coating at Lal Malhotra & Sons Ltd.	ASP	IND	SOL	26	INV	191	IND/98/078	
ONG	Phasing out of CFC-11 from flexible slabstock foam manufacturing at Safoam Co.	ASP	IRA	FOA	22	INV		IRA/97/085	120.00
ONG	Phasing out of CFC-11 from flexible slabstock foam manufacturing at Urethane Systems Company (USC)	ASP	IRA	FOA	22	INV		IRA/97/087	110.00
ONG	Phasing out CFC-11 from flexible slabstock foam manufacturing at Shizar Co.	ASP	IRA	FOA	22	INV		IRA/97/086	120.00
ONG	Phasing out ODS at Electro Steel Co.	ASP	IRA	REF	23	INV		IRA/97/196	
ONG	Phasing out ODS at Yakh Chavan Manufacturing Company	ASP	IRA	REF	23	INV		IRA/97/201	
ONG	Phasing out ODS at Yakh Saran Co.	ASP	IRA	REF	23	INV		IRA/97/199	
ONG	Phasing out ODS at Zagross II Co.	ASP	IRA	REF	23	INV		IRA/97/197	
ONG	Phasing out of CFC-11 from flexible slabstock foam manufacturing at Mashhad Foam	ASP	IRA	FOA	23	INV		IRA/97/165	90.00

ONG	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/98/087	
ONG	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/98/086	
ONG	Phasing out CFCs at the Ihsan & Tahseen Baalbaki Co.	ASP	JOR	REF	23	INV	35	JOR/97/191	
ONG	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	
ONG	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	
ONG	Phasing out of CFCs at Lebanese Modern Industrial and Trading Co.	ASP	LEB	REF	22	INV		LEB/97/084	
ONG	Replacement of CFC-11 foam blowing agent by HCFC-141b in the insulation of GRP fish boxes and flotation buoys at C.C. Chong Co.	ASP	MAL	FOA	26	INV	112	MAL/98/085	4.50
ONG	The replacement of CFC-11 foam blowing agent by HCFC-141b in the manufacture of insulation panels at Ming Soon Enterprise Sdn. Bhd.	ASP	MAL	FOA	26	INV	113	MAL/98/083	6.20
ONG	Phasing out ODS at the refrigerator and chest freezer plants of Pak Elektron Ltd. (PEL)	ASP	PAK	REF	19	INV		PAK/96/111	
ONG	Conversion of ODS coating processes from CFC-113 to trichloroethylene and IPA at Treet Corporation Ltd., Hyderabad	ASP	PAK	SOL	22	INV		PAK/97/077	
ONG	Conversion of ODS cleaning and coating processes from CFC-113 to trichloroethylene and IPA at Treet Corporation Ltd., Lahore	ASP	PAK	SOL	22	INV		PAK/97/076	

ONG	Phasing out ODS at the freezer factory of Hirra Farooq's (Pvt) Ltd.	ASP	PAK	REF	23	INV		PAK/97/203			
ONG	Phasing out ODS at the Chest Freezer Factory of Riaz Electric Co. Ltd.	ASP	PAK	REF	19	INV	09	PAK/96/110			
ONG	Phasing out CFCs at Laboratories Kosmeto	ASP	SYR	ARS	23	INV		SYR/97/171	59.90		
ONG	Phasing out CFCs at Dina Cosmetics	ASP	SYR	ARS	23	INV		SYR/97/172	70.00		
ONG	Phasing out of CFC-11 from flexible slabstock foam manufacturing at Akal Factory	ASP	SYR	FOA	23	INV		SYR/97/180		101.00	
ONG	Phasing out CFCs at Mariza Co.	ASP	SYR	ARS	25	INV		SYR/98/055	90.00		
ONG	Phasing out CFC-11 in manufacturing of flexible PU slabstock foam through the use of CO2 blowing technology at National Polyurethane Company (N.P.C.)	ASP	SYR	FOA	26	INV	32	SYR/98/092		96.00	
ONG	Phasing out CFC-11 in the manufacture of flexible PU slabstock foam through the use of methylene chloride as blowing agent at Chaar Bros Co.	ASP	SYR	FOA	26	INV	34	SYR/98/091		50.00	
ONG	Phasing out CFCs at Al-Fajer Co.	ASP	SYR	ARS	26	INV	36	SYR/98/095	44.00		
	Subtotal Asia								263.90	1,843.70	-
ONG	Phasing out CFCs at Pliva D.D.	EUR	CRO	ARS	22	INV	05	CRO/97/118	10.60		
ONG	Conversion of commercial refrigeration equipment to phase out CFC-12, HCFC-502 and CFC-11 at Technofrig S.A.	EUR	ROM	REF	19	INV	08	ROM/96/136			
ONG	Phasing out of CFC-11 at Urosan Kimiya Sanayii A.S.	EUR	TUR	FOA	20	INV		TUR/96/181		135.00	
ONG	Phasing out CFC-11 at Isbir Termoset Plastic San. A.S., Ankara, Turkey	EUR	TUR	FOA	23	INV		TUR/97/167		130.00	
ONG	Phasing out CFC-11 at Go-Ya Sungar Ltd. Sti.	EUR	TUR	FOA	23	INV		TUR/97/166		95.00	
ONG	Phasing out of CFC-11 in manufacturing of flexible polyurethane slabstock foam through the use of CO2 blowing technology at Serra Sunger	EUR	TUR	FOA	25	INV		TUR/98/056		86.00	
	Subtotal Europe								10.60	446.00	-
ONG	Phasing out CFC-12 at Mallol Saic	LAC	ARG	FOA	20	INV		ARG/96/176		36.50	

ONG	Phasing out of CFC-12 at Multiespuma Saic	LAC	ARG	FOA	20	INV		ARG/96/177	60.00
ONG	Phasing out of CFCs in the manufacturing plant of domestic refrigerators of Radio Victoria Catamarca, S.A.	LAC	ARG	REF	22	INV		ARG/97/102	
ONG	Elimination of CFCs in the manufacturing plant of domestic refrigerators of Frare S.A., Buenos Aires	LAC	ARG	REF	23	INV		ARG/97/185	
ONG	Elimination of CFCs in the manufacturing plant of domestic refrigerators of Bambi S.A., Santa Fe	LAC	ARG	REF	23	INV		ARG/97/184	
ONG	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		BRA/96/208	
ONG	Phasing out of CFC-12 by HFC-134a and CFC-11 by cyclopentane in the production of commercial refrigeration equipment at Refrigeracao Rubra	LAC	BRA	REF	23	INV		BRA/97/198	
ONG	Phasing out CFC-11 with cyclopentane at Crios Industrial Ltd. (suppliers of Eletrofrio Company)	LAC	BRA	FOA	25	INV		BRA/98/045	46.00
ONG	Phasing out CFC-12 with HFC-134a and CFC-11 with cyclopentane in the production of commercial refrigeration equipment at Panamante Refrigeracao	LAC	BRA	REF	25	INV		BRA/98/046	
ONG	Phasing out methyl bromide in the tobacco sector	LAC	CUB	FUM	26	INV	11	CUB/98/088	
ONG	Phasing out ODS at Guyana Refrigerator Ltd., Guyana (GRL)	LAC	GUY	REF	23	INV	05	GUY/97/204	
ONG	Phasing out of CFCs at Torrey S.A.	LAC	MEX	REF	23	INV		MEX/97/176	
ONG	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		MEX/98/048	

ONG	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	05	NIC/98/051			
ONG	Phasing out CFC-11 and CFC-12 withHCFC-141b and HFC-134a at INVITREL in the manufacture of commercial refrigeration equipment	LAC	VEN	REF	25	INV		VEN/98/052			
ONG	Phasing out CFC -11 with HCFC-141b at TECNOFRIGO in the production of rigid PU panels	LAC	VEN	FOA	25	INV		VEN/98/053		9.00	
ONG	Phasing out CFC-11 with HCFC-141b at Liderfrio in the production of rigid PU panels	LAC	VEN	FOA	26	INV	66	VEN/98/097		13.90	
	Subtotal Latin America and the Caribbean								-	165.40	-
	Grand Total								508.10	2,954.10	-

			Country							Aerosols	Foams	Halons	Refrigeration (including MA and compressors
COM	Investment project for phasing out CFCs at Entreprise nationale des Detergents (ENAD-Lames)	AFR	ALG	SOL	17	INV	10	ALG/95/123					
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 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 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				
COM	Phasing out CFCs at Ets. COPHYD	AFR	ALG	ARS	20	INV	19	ALG/96/193	15.00				
COM	Phasing out CFC-11 at Ets Leulmi Essaid flexible polyurethane foam plant	AFR	ALG	FOA	22	INV	21	ALG/97/081		28.00			
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	Replacement of CFC-12 with HFC 134a for commercial refrigeration at Enapat	AFR	ALG	REF	25	INV	26	ALG/98/043					9.
COM	Investment project for phasing out CFCs at Entreprise Nationale des Industries de l'Electromenager, ENIEM	AFR	ALG	REF	15	INV	09	ALG/95/025					425.
COM	Refrigerant recovery and recycling scheme	AFR	BEN	REF	22	TAS	04	BEN/97/093					
COM	Refrigerant recovery and recycling scheme	AFR	BKF	REF	22	TAS	05	BKF/97/094					

COM	Phase out of CFC at FAEM.SA	AFR	CMR	REF	13	INV	05	CMR/94/411		62.
COM	Phasing out of CFCs at Union Camerounaise d'Entreprise	AFR	CMR	REF	18	INV	07	CMR/96/006		115.
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.
COM	Phasing out ODS at the Electrostar for Refrigeration Co.	AFR	EGY	REF	13	INV	33	EGY/94/415		51.
COM	Phasing out ODS at the Kiriazi Refrigerators Manufacturing Co.	AFR	EGY	REF	13	INV	35	EGY/94/416		137.
COM	Phasing out ODS at Helwan Company for Metallic Appliances domestic refrigeration plant	AFR	EGY	REF	15	INV	38	EGY/95/038		7.
COM	Phasing out ODS at Super Bosh Factory domestic refrigeration plant	AFR	EGY	REF	15	INV	39	EGY/95/038		13.
COM	Phasing out ODS at Islamic Company for Industrialization (Siltal) domestic refrigeration plant	AFR	EGY	REF	15	INV	40	EGY/95/038		26.
COM	Phasing out ODS at Société Mondiale pour Refroidissement (Alaska) domestic refrigeration plant	AFR	EGY	REF	15	INV	41	EGY/95/038		55.
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.
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.
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		
COM	Conversion of cleaning processes from 1,1,1 TCA to aqueous cleaning at Siltal	AFR	EGY	SOL	18	INV	54	EGY/96/039		

COM	Conversion of cleaning processes from 1,1,1 TCA to aqueous cleaning at Technopol	AFR	EGY	SOL	19	INV	56	EGY/96/089			
COM	Conversion of cleaning processes from 1,1,1 TCA to cleaning in perchloroethylene at Abbasol	AFR	EGY	SOL	19	INV	57	EGY/96/088			
COM	Refrigeration recovery and recycling scheme	AFR	GAM	REF	22	TAS	05	GAM/97/095			
COM	Refrigerant recovery and recycling scheme	AFR	GUI	REF	22	TAS	05	GUI/97/096			
COM	Phasing out CFC-11 at F.I.M.A. flexible polyurethane foam plant	AFR	IVC	FOA	19	INV	06	IVC/96/118		53.10	
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	06	KEN/94/401			40.
COM	Phasing out of CFCs at Debo Industries Ltd. Nigeria	AFR	NIR	REF	18	INV	10	NIR/96/011			52.
COM	Phasing out of CFCs at Thermocool Eng. Co. Ltd.	AFR	NIR	REF	18	INV	11	NIR/96/010			82.
COM	Refrigerant recovery and recycling scheme	AFR	SEN	REF	22	TAS	08	SEN/97/098			
COM	Phasing out of CFCs at Sudanese Cosmetics and Household Products	AFR	SUD	ARS	18	INV	04	SUD/96/013	281.50		
COM	Phasing out of CFC-11 at Patra Foam Co. flexible polyurethane foam plant	AFR	SUD	FOA	19	INV	05	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 Cosmetiques	AFR	TUN	ARS	19	INV	15	TUN/96/127	29.00		
COM	Phasing out CFC-11 at Meublatex	AFR	TUN	FOA	19	INV	16	TUN/96/120		28.00	
COM	Umbrella project to phase out ODS at the six small refrigerator manufacturers	AFR	TUN	REF	19	INV	17	TUN/96/104			78.
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	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.
COM	Phasing out of CFCs at Mansoor Daya Chemicals Ltd.	AFR	URT	ARS	18	INV	05	URT/96/016	150.00			
COM	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				
FIN	CFC refrigerant recovery and reclaim project	AFR	ZIM	REF	17	TAS	04	ZIM/95/128				
		AFR Total							**1,009.60**	**611.40**	**-**	**1,341.**
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	Phasing out ODS at the compressor factory of the Huangshi Dongbei Refrigeration Co.	ASP	CPR	REF	19	INV	165	CPR/96/087				160.
COM	Phasing out ODS at the refrigerator plant of Aucma Electric Appliances Group Co.	ASP	CPR	REF	20	INV	173	CPR/96/184				708.
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				253.
COM	Phasing out ODS at the refrigeration plant of Hefei Meiling	ASP	CPR	REF	22	INV	196	CPR/97/078				849.
COM	Phasing out ODS at the Hualing refrigerator plant	ASP	CPR	REF	22	INV	204	CPR/97/092				280.
COM	Phasing out ODS at the Zel Tianjin Compressor Co., Ltd.	ASP	CPR	REF	22	INV	211	CPR/97/090				430.

COM	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		
COM	Conversion of metal cleaning processes from ODS solvents to vapour degreasing at Unsan Tools Factory (UTF)	ASP	DRK	SOL	23	INV	05	DRK/97/178		
COM	Phasing out CFC-11 at Hamhung Foam Factory, Hamgyong South Province	ASP	DRK	FOA	23	INV	06	DRK/97/162	35.00	
COM	Phasing out CFC-11 at Pyongyang Foam Plant	ASP	DRK	FOA	23	INV	07	DRK/97/157	83.00	
COM	Phasing out CFC-11 at Chongjin Foam Factory, Hamgyong North Province	ASP	DRK	FOA	23	INV	08	DRK/97/163	32.00	
COM	Phasing out of ODS at P.T. Air Tech. Co. Ltd.	ASP	IDS	REF	18	INV	35	INS/96/007		30.
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	Conversion of electronic cleaning processes from ODS solvents aqueous cleaning at ITI Mankapur	ASP	IND	SOL	13	INV	25	IND/94/423		
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		
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		

COM	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		
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-12 and CFC-11 (2nd group) at Movalled Home Appliances Co.	ASP	IRA	REF	18	INV	12	IRA/96/041		70.
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.
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.
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.
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.
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.
COM	Conversion of domestic refrigerator production facilities to phase-out CFC-11 and CFC-12	ASP	IRA	REF	11	INV	08	IRA/94/403 - Phase I and Phase II		757.

COM	ODS phase out at National Refrigeration Co. (NRC)	ASP	JOR	REF	13	INV	18	JOR/94/419			19.
COM	ODS phase out at Household Appliance Manufacturing Co. (HAMCO)	ASP	JOR	REF	13	INV	19	JOR/94/420			21.
COM	ODS phase out at Middle East Electrical Industries Co. Ltd.	ASP	JOR	REF	13	INV	20	JOR/94/418			23.
COM	Phasing out CFC at Abdin Industrial Est.Co.	ASP	JOR	REF	20	INV	29	JOR/96/194			21.
COM	Phasing out CFC-11 at Ets. Henri Abdallah P.F.M.	ASP	LEB	FOA	21	INV	18	LEB/97/020		16.60	
COM	Investment project for phasing out of CFCs at Cosmaline Industries s.a.al.	ASP	LEB	ARS	19	INV	05	LEB/96/122	87.70		
COM	Investment project for phasing out CFCs at Zeeni's Trading Agency	ASP	LEB	ARS	19	INV	06	LEB/96/123	212.00		
COM	Phasing out of CFC-11 at Nasri Karam and Sons	ASP	LEB	FOA	20	INV	09	LEB/96/178		22.00	
COM	Phasing out ODS at Summer Technologies Sdn. Bhd.	ASP	MAL	FOA	23	INV	100	MAL/97/187		12.10	
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	National CFC recovery and recycling scheme	ASP	PHI	REF	22	TAS	49	PHI/97/097			
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.
COM	Phasing out CFCs at Gaston Banna & Sons Co.	ASP	SYR	ARS	19	INV	13	SYR/96/121	104.00		
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 CFCs at Careesse Cosmetics	ASP	SYR	ARS	21	INV	16	SYR/97/016	185.00		
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 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 of CFCs at Al Hafez Refrigeration Co.	ASP	SYR	REF	13	INV	04	SYR/94/412				100.
COM	Investment project for phasing out CFC at Penguin (Syrian Batric Co.)	ASP	SYR	REF	15	INV	05	SYR/95/041				77.
COM	Phasing out CFC at Barada General Co. for Metallic Industry	ASP	SYR	REF	15	INV	09	SYR/95/042				97.
COM	Phasing out ODS at the Searefico and Searee industrial refrigeration plants of Seaprodex Co.	ASP	VIE	REF	15	INV	04	VIE/95/047				40.
		ASP Total							**847.50**	**1,768.70**	**1,480.00**	**4,328.**
COM	Phasing out CFC-11 at Oriolik Co. flexible polyurethane foam plant	EUR	CRO	FOA	22	INV	04	CRO/97/079		25.00		
COM	Phasing out of CFCs at the refrigerator plant of Frinko	EUR	MDN	REF	20	INV	03	MCD/96/179				104.
COM	Phasing out of CFC-11 from flexible slabstock foam manufacturing at Sileks Ad Co.	EUR	MDN	FOA	22	INV	05	MCD/97/083		280.00		
COM	Phasing out of CFC-11 from manufacturing of rigid PU sandwich panels at Sileks Ad Co.	EUR	MDN	FOA	22	INV	06	MCD/97/123		67.60		
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.
COM	Phasing out of CFCs at FARMEC SA	EUR	ROM	ARS	18	INV	05	ROM/96/012	730.00			
COM	Phase out ODS at the domestic refrigeration factory Arctic S.A.	EUR	ROM	REF	18	INV	06	ROM/96/033				206.
COM	Phasing out of CFC-11 at S.C. Spumotim S.A.	EUR	ROM	FOA	20	INV	09	ROM/96/180		30.00		

COM	Replacement of CFC-113 as solvent for dyaliser cleaning by water and steam at Hemomed Ltd.	EUR	YUG	SOL	26	INV	08	YUG/98/076				
		EUR Total							**730.00**	**402.60**	**-**	**384.**
FIN	Phase out of ODS at CELPACK S.A.	LAC	ARG	FOA	13	INV	10	ARG/94/413		135.00		
FIN	Investment project for phasing out of ODS at Bandex S.A.	LAC	ARG	FOA	13	INV	09	ARG/94/410		214.00		
COM	CFC-recovery, recycling and training in refrigeration	LAC	BAR	REF	18	INV	04	BAR/96/043				14.
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				89.
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 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				
COM	Phase out of 1,1,1 TCA at Teperman	LAC	BRA	SOL	20	INV	58	BRA/96/203				
COM	Elimination of 1,1,1 TCA used for autoparts cleaning at Brosol	LAC	BRA	SOL	20	INV	59	BRA/96/201				
COM	Elimination of 1,1,1 TCA used as solvent at Rodabras	LAC	BRA	SOL	20	INV	60	BRA/96/202				
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				
COM	Phasing out of CFCs at Criotec S.A.	LAC	MEX	REF	23	INV	67	MEX/97/175				16.
COM	Phasing out of CFCs at Nieto S.A.	LAC	MEX	REF	23	INV	70	MEX/97/174				24.
COM	Phasing out of CFCs at Vendo S.A.	LAC	MEX	REF	23	INV	74	MEX/97/177				16.
COM	Elimination of 1,1,1 trichloroethane at Faber Castell	LAC	PER	SOL	20	INV	18	PER/96/197				
COM	Elimination of 1,1,1 trichloroethane at Carbolan	LAC	PER	SOL	20	INV	19	PER/96/199				
COM	Elimination of 1,1,1 trichloroethane at Papeles Industriales	LAC	PER	SOL	20	INV	20	PER/96/200				
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		
		LAC Total							**-**	**464.60**	**-**	**160.**
		Grand Total							**2,587.10**	**3,247.30**	**1,480.00**	**6,213.**

Status	Project Title	Region	Cntry.	Sector	Mtg.	Type	No.	UNIDO Project Number	Foam			Refrigera n (includ MAC & Compres s
									Per proposal	Partially phased out	Phased out since last report	Per propos
COM	Phasing out ODS at Société Mondiale pour Refroidissement (Alaska) domestic refrigeration plant	AFR	EGY	REF	15	INV	41	EGY/95/038				5
COM	Phasing out ODS at International Co. for Refrigeration and Appliances (Iberna) domestic refrigeration plant	AFR	EGY	REF	15	INV	42	EGY/95/038				1
ONG	Phasing out ODS at three small domestic refrigerator factories in Sudan (Coldair Refrigeration Factory, Modern Refrigerator and Metal Furniture Co., Sheet Metal Industries Co. Refrigerator Factory	AFR	SUD	REF	19	INV	6	SUD/96/138				
ONG	Phasing out ODS at the refrigerator plant of Zerowatt Electric Appliances Group	ASP	CPR	REF	22	INV	207	CPR/97/091				42
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	600.00	
COM	Conversion of electronic cleaning processes for ODS solvents to non-clean and hydrocarbon cleaning technologies at ERL	ASP	IND	SOL	18	INV	65	IND/96/034				

	Bangalore											
COM	DBL project in Iran. Phasing out CFC-11 through conversiton 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	1200.00		240.00	
ONG	Phasing out CFCs at the Ihsan & Tahseen Baalbaki Co.	ASP	JOR	REF	23	INV	35	JOR/97/191				6(
	Totals								**2346.00**	**600.00**	**840.00**	**57(**

Project Title	UNIDO Project No.	ODP Phased Out	Date Approved	First Disbursement Date	Date Completed (Actual)	Date of Financial Completion	Approved Funding (US$)	Adjustmer (US$)
Phasing out CFC-11 in the manufacture of sandwich panels by discontinuous method at Prosider Berrahal	ALG/96/084	82.00	May-96	Jul-97	Dec-98		434,500	
Phasing out CFC-11 in the manufacture of sandwich panels at Batimetal Beni Mansour	ALG/96/085	110.00	May-96	Jul-97	Dec-98		496,650	
Phasing out CFCs at Etablissement Has Mohamed	ALG/96/191	22.50	Oct-96	Aug-97	Dec-98		82,018	
Phasing out CFCs at Vague de Fraicheur	ALG/96/189	51.40	Oct-96	Oct-97	Dec-98		164,623	
Phasing out CFCs at Ets. Wouroud	ALG/96/190	47.00	Oct-96	Oct-97	Dec-98		187,772	
Phasing out CFCs at Laboratoire Bendi	ALG/96/192	19.20	Oct-96	Oct-97	Dec-98		56,790	
Phasing out CFC-11 at Ets Leulmi Essaid flexible polyurethane foam plant	ALG/97/081	28.00	May-97	Jun-97	Dec-98		61,880	
Phasing out CFC-11 at Snam flexible polyurethane foam plant	ALG/97/080	32.00	May-97	Nov-97	Dec-98		88,360	
Phasing out CFC-11 at Sammo flexible polyurethane foam plant	ALG/97/082	24.00	May-97	Oct-97	Dec-98		98,770	
Replacement of CFC-12 with HFC 134a for commercial refrigeration at Enapat	ALG/98/043	9.20	Jul-98		Dec-98		139,932	
Phasing out of CFCs at Union Camerounaise d'Entreprise	CMR/96/006	115.10	Nov-95	Dec-96	Dec-98		1,321,400	

Phasing out ODS at Helwan Company for Metallic Appliances domestic refrigeration plant	EGY/95/038	7.50	Dec-94	Apr-96	Dec-98		644,239	
Phasing out ODS at Super Bosh Factory domestic refrigeration plant	EGY/95/038	13.00	Dec-94	Apr-96	Dec-98		760,066	
Phasing out ODS at Islamic Company for Industrialization (Siltal) domestic refrigeration plant	EGY/95/038	26.00	Dec-94	Apr-96	Dec-98		866,633	
Phasing out ODS at Société Mondiale pour Refroidissement (Alaska) domestic refrigeration plant	EGY/95/038	55.00	Dec-94	Apr-96	Dec-98		1,518,606	
Phasing out ODS at International Co. for Refrigeration and Appliances (Iberna) domestic refrigeration plant	EGY/95/038	19.00	Dec-94	Apr-96	Dec-98		852,738	
Phasing out ODS at El Nasr Company for Electric and Electronic Apparatus (Philips) domestic refrigeration plant	EGY/95/038	22.50	Dec-94	Apr-96	Dec-98		854,690	
Conversion of electronic cleaning processes from ODS solvents to non-ODS cleaning at 3 electronic companies	EGY/96/037	13.70	Nov-95	Oct-97	Oct-98	Nov-98	227,203	
Conversion of cleaning processes from 1,1,1 TCA to aqueous cleaning at Siltal	EGY/96/039	2.00	Nov-95	Nov-97	Oct-98		48,784	
Conversion of cleaning processes from 1,1,1 TCA to aqueous cleaning at Technopol	EGY/96/089	6.00	May-96	Jul-97	Dec-98		125,249	
Conversion of cleaning processes from 1,1,1 TCA to cleaning in perchloroethylene at Abbasol	EGY/96/088	8.00	May-96	Jan-98	Dec-98		154,544	
CFC-phase out project at Kenya Cold Storages Ltd. and subsidiary companies: Hall Equatorial, Premier Refrigeration and Engineering, Refrigeration Services	KEN/94/401	40.80	Nov-95	Dec-96	Dec-98		380,875	130,3
Phasing out of CFCs at Debo Industries Ltd. Nigeria	NIR/96/011	52.00	Nov-95	Dec-96	Dec-98		1,048,053	
Phasing out of CFCs at Thermocool Eng. Co. Ltd.	NIR/96/010	82.00	Nov-95	Jul-97	Dec-98		1,465,750	
Phasing out CFCs at Jasminal Laboratories	TUN/96/126	86.00	May-96	May-97	Dec-98		210,000	
Phasing out CFCs at Satem Parfums et Produits Cosmetiques	TUN/96/127	29.00	May-96	Apr-97	Dec-98		119,500	
Phasing out CFC-11 at Sotrapoc flexible polyurethane foam plant	TUN/97/168	20.00	Nov-97		Dec-98		90,037	
Phasing out CFC-11 at Polymousse flexible polyurethane foam plant	TUN/97/169	35.00	Nov-97	Jan-98	Dec-98		104,343	

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)	TUN/97/159	29.00	Nov-97	Jan-98	Dec-98	374,111	
Africa Sub Total		1086.90				12,978,116	130,3
Phasing out ODS at the compressor factory of the Huangshi Dongbei Refrigeration Co.	CPR/96/087	160.00	May-96	Dec-96	Dec-98	899,030	
Phasing out ODS at the refrigerator plant of Aucma Electric Appliances Group Co.	CPR/96/184	708.00	Oct-96	May-97	Dec-98	2,914,904	
Phasing out ODS at the Household Refrigerator Compressor Factory of the Guangzhou Wanbao Compressor Group	CPR/96/185	253.00	Oct-96	Apr-97	Dec-98	2,250,000	
Phasing out ODS at the refrigeration plant of Hefei Meiling	CPR/97/078	849.00	May-97	Oct-97	Dec-98	3,247,877	
Phasing out ODS at the Zel Tianjin Compressor Co., Ltd.	CPR/97/090	430.00	May-97	Dec-97	Dec-98	962,175	
Conversion of ODS precision cleaning processes from CFC-113 to aqueous cleaning at Huangshi Dongbei Refrigeration Co.	CPR/97/074	37.60	May-97	Jan-98	Dec-98	236,242	
Conversion of metal cleaning processes from ODS solvents to vapour degreasing at Unsan Tools Factory (UTF)	DRK/97/178	110.00	Nov-97		Dec-98	311,922	
Phasing out CFC-11 at Hamhung Foam Factory, Hamgyong South Province	DRK/97/162	35.00	Nov-97	Jan-98	Dec-98	102,680	
Phasing out CFC-11 at Pyongyang Foam Plant	DRK/97/157	83.00	Nov-97	Jan-98	Dec-98	103,570	
Phasing out CFC-11 at Chongjin Foam Factory, Hamgyong North Province	DRK/97/163	32.00	Nov-97		Dec-98	103,670	
Investment project for phasing out ODS at PT Naviri Kencana Perdana	INS/96/116	47.80	May-96	Dec-96	Dec-98	377,382	
Phasing out CFC-11 at PT Winnerfoam Abadi	INS/97/104	40.00	May-97	Sep-97	Dec-98	79,472	
Phasing out CFC-11 at Panca Duta foam industry	INS/97/105	45.00	May-97	Sep-97	Dec-98	86,955	
Phasing out CFC-11 at PT Elastino Satyajaya flexible polyurethane foam plant	INS/97/103	18.00	May-97	Sep-97	Dec-98	75,943	

Conversion of electronic cleaning processes for ODS solvents to non-clean and hydrocarbon cleaning technologies at ERL-Bangalore	IND/96/034	16.40	Nov-95	Dec-96	Dec-98	192,421
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	IRA/95/126	1200.00	Jul-95	Dec-95	Dec-98	2,571,250
Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group) at Movalled Home Appliances Co.	IRA/96/041	70.00	Nov-95	May-96	Dec-98	607,732
Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group) at Pars Machine Manufacturing Co.	IRA/96/041	62.00	Nov-95	May-96	Dec-98	608,605
Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group) at Lorestan Refrigerator Manufacturing Industries	IRA/96/041	94.00	Nov-95	May-96	Dec-98	615,018
Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group) at Gadook Industries, Co.	IRA/96/041	18.50	Nov-95	May-96	Dec-98	373,838
Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group) at Faritz, Iran	IRA/96/041	109.00	Nov-95	May-96	Dec-98	612,504
Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group) at Pars Monark Co.	IRA/96/041	18.50	Nov-95	May-96	Dec-98	369,939
ODS phase out at National Refrigeration Co. (NRC)	JOR/94/419	19.30	Jul-94	Apr-97	Dec-98	813,887
ODS phase out at Household Appliance Manufacturing Co. (HAMCO)	JOR/94/420	21.20	Jul-94	Apr-97	Dec-98	775,602
ODS phase out at Middle East Electrical Industries Co. Ltd.	JOR/94/418	23.00	Jul-94	Dec-94	Dec-98	883,153
Phasing out CFC-11 at Ets. Henri Abdallah P.F.M.	LEB/97/020	16.60	Feb-97	Jun-97	Dec-98	81,291
Phasing out of CFC-11 at Nasri Karam and Sons	LEB/96/178	22.00	Oct-96	Jul-97	Dec-98	100,109
Phasing out ODS at Summer Technologies Sdn. Bhd.	MAL/97/187	12.10	Nov-97	Dec-98	Dec-98	89,407
Phasing out ODS at Kean Chong Industries Sdn. Bhd	MAL/97/189	16.30	Nov-97	Dec-98	Dec-98	107,819

Phasing out ODS at Visdamax Sdn. Bhd	MAL/97/188	18.50	Nov-97	Jun-98	Dec-98	139,959
Phasing out of CFCs from Manufacturing of domestic and commercial refrigerators at Krayem Brothers Co.	SYR/96/014	89.00	Nov-95	Nov-96	Dec-98	1,071,575
Phasing out CFCs at Gaston Banna & Sons Co.	SYR/96/121	104.00	May-96	Jun-97	Dec-98	299,500
Phasing out CFC-11 at Dakkak Co. flexible polyurethane foam plant	SYR/96/119	17.00	May-96	Oct-96	Dec-98	96,553
Investment project for phasing out CFCs at Krayem Cold Stores Co.	SYR/96/086	65.00	May-96	Nov-96	Dec-98	644,600
Phasing out CFCs at Careesse Cosmetics	SYR/97/016	185.00	Feb-97	Jun-97	Dec-98	272,621
Phasing out CFC-11 at Abdul Karim Sbei	SYR/97/018	61.70	Feb-97	Jun-97	Dec-98	92,256
Phasing out CFC-11 at Walid and Nabil Rankousi Ltd.	SYR/97/019	38.70	Feb-97	Nov-98	Dec-98	86,782
Phasing out CFCs at Al Yaman	SYR/97/111	95.00	May-97	Nov-97	Dec-98	216,128
Phasing out CFCs at Ahmed Ali Harsho Sons Co.	SYR/97/110	45.00	May-97	Dec-97	Dec-98	175,328
Phasing out CFCs at Taki Eddin & Co.	SYR/97/112	118.80	May-97	Nov-97	Dec-98	244,203
Asia Sub Total		5405.00				23,893,902
Phasing out CFC-11 at Oriolik Co. flexible polyurethane foam plant	CRO/97/079	25.00	May-97	Aug-97	Nov-98	110,780
Phasing out of CFCs at the refrigerator plant of Frinko	MCD/96/179	104.00	Oct-96	Sep-97	Dec-98	1,081,724
Phasing out of CFC-11 from flexible slabstock foam manufacturing at Sileks Ad Co.	MCD/97/083	280.00	May-97	Dec-97	Dec-98	520,125
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	ROM/96/209	73.30	Oct-96	Sep-97	Dec-98	937,859
Phasing out of CFCs at FARMEC SA	ROM/96/012	730.00	Nov-95	Sep-96	Dec-98	895,880
Replacement of CFC-113 as solvent for dyaliser cleaning by water and steam at Hemomed Ltd.	YUG/98/076	54.60	Nov-98		Dec-98	608,729
Europe Sub Total		1266.90				4,155,097
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	BRA/95/125	89.00	Jul-95	Oct-96	Dec-98	460,339
Elimination of 1,1,1 TCA used for autoparts cleaning at Brosol	BRA/96/201	4.80	Oct-96		Dec-98	178,361

Elimination of 1,1,1 TCA used as solvent at Rodabras	BRA/96/202	4.20	Oct-96	Jan-98	Dec-98		151,577	
Phasing out of CFCs at Criotec S.A.	MEX/97/175	16.00	Nov-97	Jan-98	Dec-98		240,794	
Phasing out of CFCs at Nieto S.A.	MEX/97/174	24.60	Nov-97	Jan-98	Dec-98		353,976	
Phasing out of CFCs at Vendo S.A.	MEX/97/177	16.50	Nov-97		Dec-98		248,524	
Elimination of 1,1,1 trichloroethane at Faber Castell	PER/96/197	0.50	Oct-96	Jan-98	Sep-98		16,409	
Elimination of 1,1,1 trichloroethane at Carbolan	PER/96/199	0.40	Oct-96	Jan-98	Dec-98		31,457	
Elimination of 1,1,1 trichloroethane at Papeles Industriales	PER/96/200	0.50	Oct-96	Jan-98	Dec-98		47,953	
Phasing out ODS at Decocar	VEN/97/107	16.20	May-97	Dec-97	Dec-98		126,614	
Phasing out ODS at Veniber C.A.	VEN/97/108	21.60	May-97	Aug-97	Dec-98		164,592	
Phasing out ODS at Daniven C.A.	VEN/97/109	18.00	May-97	Jan-98	Dec-98		104,030	
Phasing out ODS at Industrias Todos C.A., Caracas	VEN/97/181	17.80	Nov-97	Jan-98	Dec-98		137,520	
Latin America and the Caribbean Sub Total		**230.10**					2,262,146	
Total All Regions		**7988.90**					**43,289,261**	**130,**
Adjustment 1: Partial phase out reported 1997 for	EGY/95/038	-58.00						
Adjustment 2: Partial phase out reported 1997 for	IND/96/034	-12.90						
Adjustment 3: Partial phase out reported 1997 for	IRA/95/126	-960.00						
All Regions - adjusted total		**6958.00**						
Agency Support Cost							**5,627,604**	**16,**
Grand Total		**6958.00**					**48,916,865**	**147,**

Project Title	Region	Country	Sector	Mtg.	Type	No.	UNIDO Project No.	ODP Phased Out	Approved Funding (US$)	Adjustment (US$)
Phasing out CFC-11 in the manufacture of sandwich panels by discontinuous method at Prosider Berrahal	AFR	ALG	FOA	19	INV		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		ALG/96/085	110.00	496,650	
Phasing out CFCs at Etablissement Has Mohamed	AFR	ALG	ARS	20	INV		ALG/96/191	22.50	82,018	
Phasing out CFCs at Vague de Fraicheur	AFR	ALG	ARS	20	INV		ALG/96/189	51.40	164,623	
Phasing out CFCs at Ets. Wouroud	AFR	ALG	ARS	20	INV		ALG/96/190	47.00	187,772	

Phasing out CFCs at Laboratoire Bendi	AFR	ALG	ARS	20	INV		ALG/96/192	19.20	56,790
Project formulation of investment projects in the aerosol, foam and refrigeration sectors	AFR	ALG	SEV	21	PRP		ALG/97/040	0.00	50,000
Phasing out CFC-11 at Ets Leulmi Essaid flexible polyurethane foam plant	AFR	ALG	FOA	22	INV		ALG/97/081	28.00	61,880
Phasing out CFC-11 at Snam flexible polyurethane foam plant	AFR	ALG	FOA	22	INV		ALG/97/080	32.00	88,360
Phasing out CFC-11 at Sammo flexible polyurethane foam plant	AFR	ALG	FOA	22	INV		ALG/97/082	24.00	98,770
Replacement of CFC-12 with HFC 134a for commercial refrigeration at Enapat	AFR	ALG	REF	25	INV		ALG/98/043	9.20	139,932
Refrigerant recovery and recycling scheme	AFR	BEN	REF	22	TAS	04	BEN/97/093	12.90	114,000
Refrigerant recovery and recycling scheme	AFR	BKF	REF	22	TAS	05	BKF/97/094	15.48	96,000
Preparation of a demonstration project (grain fumigation)	AFR	BOT	FUM	24	PRP	04	GLO/96/217	0.00	25,000
Preparation of demonstration project (tobacco, tomatoes, strawberries)	AFR	CMR	FUM	24	PRP		GLO/96/217	0.00	25,000
Phasing out of CFCs at Union Camerounaise d'Entreprise	AFR	CMR	REF	18	INV	07	CMR/96/006	115.10	1,321,400
Phasing out ODS at Helwan Company for Metallic Appliances domestic refrigeration plant	AFR	EGY	REF	15	INV		EGY/95/038	7.50	644,239
Phasing out ODS at Super Bosh Factory domestic refrigeration plant	AFR	EGY	REF	15	INV		EGY/95/038	13.00	760,066
Phasing out ODS at Islamic Company for Industrialization (Siltal) domestic refrigeration plant	AFR	EGY	REF	15	INV		EGY/95/038	26.00	866,633
Phasing out ODS at Société Mondiale pour Refroidissement (Alaska) domestic refrigeration plant	AFR	EGY	REF	15	INV		EGY/95/038	55.00	1,518,606
Phasing out ODS at International Co. for Refrigeration and Appliances (Iberna) domestic refrigeration plant	AFR	EGY	REF	15	INV		EGY/95/038	19.00	852,738
Phasing out ODS at El Nasr Company for Electric and Electronic Apparatus (Philips) domestic refrigeration plant	AFR	EGY	REF	15	INV		EGY/95/038	22.50	854,690
Conversion of electronic cleaning processes from ODS solvents to non-ODS cleaning at 3 electronic companies	AFR	EGY	SOL	18	INV		EGY/96/037	13.70	227,203
Conversion of cleaning processes from 1,1,1 TCA to aqueous cleaning at Siltal	AFR	EGY	SOL	18	INV		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		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		EGY/96/088	8.00	154,544	
Refrigeration recovery and recycling scheme	AFR	GAM	REF	22	TAS	05	GAM/97/095	7.70	68,000	
Refrigerant recovery and recycling scheme	AFR	GUI	REF	22	TAS	05	GUI/97/096	12.90	80,780	
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	06	KEN/94/401	40.80	380,875	130,354
Preparation of investment project in the commercial refrigeration sector for Allom du Nord and others	AFR	MOR	REF	24	PRP		MOR/98/013	0.00	15,000	
Phasing out of CFCs at Debo Industries Ltd. Nigeria	AFR	NIR	REF	18	INV		NIR/96/011	52.00	1,048,053	
Phasing out of CFCs at Thermocool Eng. Co. Ltd.	AFR	NIR	REF	18	INV		NIR/96/010	82.00	1,465,750	
Refrigerant recovery and recycling scheme	AFR	SEN	REF	22	TAS	08	SEN/97/098	36.12	136,250	
Preparation of Refrigerant Management Plan	AFR	SUD	REF	23	PRP	07	SUD/98/027	0.00	10,000	20,000
Phasing out CFCs at Jasminal Laboratories	AFR	TUN	ARS	19	INV		TUN/96/126	86.00	210,000	
Phasing out CFCs at Satem Parfums et Produits Cosmetiques	AFR	TUN	ARS	19	INV		TUN/96/127	29.00	119,500	
Phasing out CFC-11 at Sotrapoc flexible polyurethane foam plant	AFR	TUN	FOA	23	INV		TUN/97/168	20.00	90,037	
Phasing out CFC-11 at Polymousse flexible polyurethane foam plant	AFR	TUN	FOA	23	INV		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, Societe Moderne Refrigeration, Frigo Technique)	AFR	TUN	REF	23	INV		TUN/97/159	29.00	374,111	
Preparation of a refrigerant management plan	AFR	TUN	REF	24	PRP		TUN/98/014	0.00	30,000	
Africa Sub Totals								1172.00	13,628,146	150,354
Phasing out ODS at the compressor factory of the Huangshi Dongbei Refrigeration Co.	ASP	CPR	REF	19	INV		CPR/96/087	160.00	899,030	
Phasing out ODS at the refrigerator plant of Aucma Electric Appliances Group Co.	ASP	CPR	REF	20	INV		CPR/96/184	708.00	2,914,904	
Phasing out ODS at the Household Refrigerator Compressor Factory of the Guangzhou Wanbao Compressor Group	ASP	CPR	REF	20	INV		CPR/96/185	253.00	2,250,000	
Project preparation in the refrigeration (including compressors), solvents and methyl bromide sectors	ASP	CPR	SEV	21	PRP		CPR/97/050	0.00	182,140	
Phasing out ODS at the refrigeration plant of Hefei Meiling	ASP	CPR	REF	22	INV		CPR/97/078	849.00	3,247,877	

Phasing out ODS at the Zel Tianjin Compressor Co., Ltd.	ASP	CPR	REF	22	INV		CPR/97/090	430.00	962,175	
Conversion of ODS precision cleaning processes from CFC-113 to aqueous cleaning at Huangshi Dongbei Refrigeration Co.	ASP	CPR	SOL	22	INV		CPR/97/074	37.60	236,242	
Project formulation of investment projects in all sectors	ASP	DRK	SEV	21	PRP	03	DRK/97/044	0.00	70,000	
Preparation of a demonstration project in the methyl bromide sector	ASP	DRK	FUM	23	PRP	04	GLO/96/217	0.00	15,000	10,000
Conversion of metal cleaning processes from ODS solvents to vapour degreasing at Unsan Tools Factory (UTF)	ASP	DRK	SOL	23	INV	05	DRK/97/178	110.00	311,922	
Phasing out CFC-11 at Hamhung Foam Factory, Hamgyong South Province	ASP	DRK	FOA	23	INV	06	DRK/97/162	35.00	102,680	
Phasing out CFC-11 at Pyongyang Foam Plant	ASP	DRK	FOA	23	INV	07	DRK/97/157	83.00	103,570	
Phasing out CFC-11 at Chongjin Foam Factory, Hamgyong North Province	ASP	DRK	FOA	23	INV	08	DRK/97/163	32.00	103,670	
Investment project for phasing out ODS at PT Naviri Kencana Perdana	ASP	IDS	FOA	19	INV		INS/96/116	47.80	377,382	
Phasing out CFC-11 at PT Winnerfoam Abadi	ASP	IDS	FOA	22	INV		INS/97/104	40.00	79,472	
Phasing out CFC-11 at Panca Duta foam industry	ASP	IDS	FOA	22	INV		INS/97/105	45.00	86,955	
Phasing out CFC-11 at PT Elastino Satyajaya flexible polyurethane foam plant	ASP	IDS	FOA	22	INV		INS/97/103	18.00	75,943	
Preparation of a demonstration project in the methyl bromide sector (tobacco, tomatoes, pepper)	ASP	IDS	FUM	23	PRP		GLO/96/217	0.00	10,000	20,000
Conversion of electronic cleaning processes for ODS solvents to non-clean and hydrocarbon cleaning technologies at ERL-Bangalore	ASP	IND	SOL	18	INV		IND/96/034	16.40	192,421	
Preparation investment projects in the solvent (CFC 113) sector at Harbans Lal Mahotra & Sons Ltd. Calcutta	ASP	IND	SOL	24	PRP		IND/98/023	0.00	25,000	
Feasibility study for recovery/recycling of CFC refrigerants	ASP	IND	REF	10	TAS	05	IND/93/163	0.00	55,000	
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		IRA/95/126	1200.00	2,571,250	

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		IRA/96/041	70.00	607,732	
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		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 Industries	ASP	IRA	REF	18	INV		IRA/96/041	94.00	615,018	
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		IRA/96/041	18.50	373,838	
Conversion of domestic refrigerator production facilities to phase out CFC-12 and CFC-11 (2nd group) at Faritz, Iran	ASP	IRA	REF	18	INV		IRA/96/041	109.00	612,504	
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		IRA/96/041	18.50	369,939	
ODS phase out at National Refrigeration Co. (NRC)	ASP	JOR	REF	13	INV		JOR/94/419	19.30	813,887	
ODS phase out at Household Appliance Manufacturing Co. (HAMCO)	ASP	JOR	REF	13	INV		JOR/94/420	21.20	775,602	
ODS phase out at Middle East Electrical Industries Co. Ltd.	ASP	JOR	REF	13	INV		JOR/94/418	23.00	883,153	
Preparation of a demonstration project in the methyl bromide sector	ASP	JOR	FUM	23	PRP		GLO/96/217	0.00	10,000	15,000
Phasing out CFC-11 at Ets. Henri Abdallah P.F.M.	ASP	LEB	FOA	21	INV		LEB/97/020	16.60	81,291	
Phasing out of CFC-11 at Nasri Karam and Sons	ASP	LEB	FOA	20	INV	09	LEB/96/178	22.00	100,109	
Phasing out ODS at Summer Technologies Sdn. Bhd.	ASP	MAL	FOA	23	INV		MAL/97/187	12.10	89,407	
Phasing out ODS at Kean Chong Industries Sdn. Bhd	ASP	MAL	FOA	23	INV		MAL/97/189	16.30	107,819	
Phasing out ODS at Visdamax Sdn. Bhd	ASP	MAL	FOA	23	INV		MAL/97/188	18.50	139,959	
Preparation of investment projects in the foam sector (rigid polyurethane) for Chon Son, Ngui Soon, Ming Soon, Yon Tuck	ASP	MAL	FOA	24	PRP		MAL/98/024	0.00	20,000	
National CFC recovery and recycling scheme	ASP	PHI	REF	22	TAS		PHI/97/097	60.00	557,500	
Preparation of the Country Programme	ASP	QAT	SEV	21	CPG	01	QAT/97/062	0.00	80,000	
Phasing out of CFCs from Manufacturing of domestic and commercial refrigerators at Krayem Brothers Co.	ASP	SYR	REF	18	INV		SYR/96/014	89.00	1,071,575	

Phasing out CFCs at Gaston Banna & Sons Co.	ASP	SYR	ARS	19	INV		SYR/96/121	104.00	299,500	
Phasing out CFC-11 at Dakkak Co. flexible polyurethane foam plant	ASP	SYR	FOA	19	INV		SYR/96/119	17.00	96,553	
Investment project for phasing out CFCs at Krayem Cold Stores Co.	ASP	SYR	FOA	19	INV		SYR/96/086	65.00	644,600	
Phasing out CFCs at Careesse Cosmetics	ASP	SYR	ARS	21	INV		SYR/97/016	185.00	272,621	
Phasing out CFC-11 at Abdul Karim Sbei	ASP	SYR	FOA	21	INV		SYR/97/018	61.70	92,256	
Phasing out CFC-11 at Walid and Nabil Rankousi Ltd.	ASP	SYR	FOA	21	INV		SYR/97/019	38.70	86,782	
Project preparation in the flexible foam sector	ASP	SYR	FOA	21	PRP		SYR/97/042	0.00	10,000	
Phasing out CFCs at Al Yaman	ASP	SYR	ARS	22	INV		SYR/97/111	95.00	216,128	
Phasing out CFCs at Ahmed Ali Harsho Sons Co.	ASP	SYR	ARS	22	INV		SYR/97/110	45.00	175,328	
Phasing out CFCs at Taki Eddin & Co.	ASP	SYR	ARS	22	INV		SYR/97/112	118.80	244,203	
Preparation of at least three investment projects in the aerosol sector for phasing out ODS at three enterprises including Nweylati	ASP	SYR	ARS	23	PRP		SYR/97/200	0.00	10,000	15,00(
Project formulation in the methyl bromide sector	ASP	THA	FUM	22	PRP		GLO/96/217	0.00	8,000	
Asia and the Pacific Sub Totals								5465.00	24,946,542	60,00(
Country Programme Preparation	EUR	BHE	SEV	21	CPG	01	BIH/97/061	0.00	80,000	
Phasing out CFC-11 at Oriolik Co. flexible polyurethane foam plant	EUR	CRO	FOA	22	INV	04	CRO/97/079	25.00	110,780	
Preparation of a demonstration project (tobacco, tomatoes)	EUR	CRO	FUM	24	PRP	07	GLO/96/217	0.00	20,000	
Phasing out of CFCs at the refrigerator plant of Frinko	EUR	MDN	REF	20	INV	03	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	05	MCD/97/083	280.00	520,125	
Preparation of refrigerant management plan	EUR	MDN	REF	24	PRP	07	MCD/98/017	0.00	30,000	
Preparation of a demonstration project in methyl bromide (tobacco, pepper, tomatoes)	EUR	MDN	FUM	25	PRP	08	GLO/96/217	0.00	20,000	
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		ROM/96/209	73.30	937,859	
Phasing out of CFCs at FARMEC SA	EUR	ROM	ARS	18	INV	05	ROM/96/012	730.00	895,880	
Preparation of a demonstration project (flowers, tobacco)	EUR	TUR	FUM	24	PRP		GLO/96/217	0.00	25,000	

Preparation of investment projects in the foam sector (polyurethane) at Sungersan AS and Serra Sunger	EUR	TUR	FOA	24	PRP		TUR/98/169	0.00	15,000
Country Programme preparation	EUR	YUG	SEV	21	CPG	01	YUG/97/063	0.00	80,000
Preparation of an investment project in the refrigeration sector for phasing out ODS at Obod	EUR	YUG	REF	23	PRP	04	YUG/97/206	0.00	10,000
Preparation of a refrigerant management plan	EUR	YUG	REF	24	PRP	06	YUG/98/011	0.00	10,000
Replacement of CFC-113 as solvent for dyaliser cleaning by water and steam at Hemomed Ltd.	EUR	YUG	SOL	26	INV	08	YUG/98/076	54.60	608,729
Europe Sub Totals								1266.90	4,445,097
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		BRA/95/125	89.00	460,339
Elimination of 1,1,1 TCA used for autoparts cleaning at Brosol	LAC	BRA	SOL	20	INV		BRA/96/201	4.80	178,361
Elimination of 1,1,1 TCA used as solvent at Rodabras	LAC	BRA	SOL	20	INV		BRA/96/202	4.20	151,577
Project preparation in the commercial refrigeration sector (Tecpur, Crios, Panamante and others)	LAC	BRA	REF	24	PRP		BRA/98/032	0.00	50,000
Project formulation in the methyl bromide sector	LAC	COL	FUM	21	PRP		GLO/96/217	0.00	7,140
Preparation of a demonstration project (tobacco, curcubits, flowers, tomatoes)	LAC	DOM	FUM	25	PRP		GLO/96/217	0.00	30,000
Preparation of a refrigerant management plan	LAC	HON	REF	24	PRP	04	HON/98/019	0.00	30,000
Preparation of a phase out project (tobacco fumigation)	LAC	JAM	FUM	24	PRP	08	GLO/96/217	0.00	25,000
Project formulation of an investment project in the methyl bromide sector	LAC	MEX	FUM	22	PRP		GLO/96/217	0.00	20,000
Phasing out of CFCs at Criotec S.A.	LAC	MEX	REF	23	INV		MEX/97/175	16.00	240,794
Phasing out of CFCs at Nieto S.A.	LAC	MEX	REF	23	INV		MEX/97/174	24.60	353,976
Phasing out of CFCs at Vendo S.A.	LAC	MEX	REF	23	INV		MEX/97/177	16.50	248,524
Preparation of an investment project for phasing out ODS at several small enterprises in the commercial refrigeration	LAC	MEX	REF	23	PRP		MEX/97/190	0.00	20,000
Project formulation of investment projects in the refrigeration sector`	LAC	NIC	REF	21	PRP	02	NIC/97/038	0.00	50,000
Elimination of 1,1,1 trichloroethane at Faber Castell	LAC	PER	SOL	20	INV		PER/96/197	0.50	16,409
Elimination of 1,1,1 trichloroethane at Carbolan	LAC	PER	SOL	20	INV		PER/96/199	0.40	31,457
Elimination of 1,1,1 trichloroethane at Papeles Industriales	LAC	PER	SOL	20	INV		PER/96/200	0.50	47,953

Preparation of a demonstration project (tomatoes, cucumber, strawberries, flowers)	LAC	URU	FUM	24	PRP	GLO/96/217	0.00	25,000	
Phasing out ODS at Decocar	LAC	VEN	FOA	22	INV	VEN/97/107	16.20	126,614	
Phasing out ODS at Veniber C.A.	LAC	VEN	FOA	22	INV	VEN/97/108	21.60	164,592	
Phasing out ODS at Daniven C.A.	LAC	VEN	FOA	22	INV	VEN/97/109	18.00	104,030	
Phasing out ODS at Industrias Todos C.A., Caracas	LAC	VEN	FOA	23	INV	VEN/97/181	17.80	137,520	
Preparation of investment project in the foam sector (rigid polyurethane for Fanesi Barquisimeto	LAC	VEN	FOA	24	PRP	VEN/98/164	0.00	10,000	
Latin America and the Caribbean Sub totals							**230.10**	**2,529,286**	
Total All Regions							**8134.00**	**45,549,071**	**210,35**
Agency Support Cost								**5,921,379**	**27,34**
Grand Total								**51,470,450**	**237,70**

Project Title	Region	Country	Sector	Mtg.	Type	No.	UNIDO Project No.	ODP to be Phased Out per Proposal	ODP phased out	Approved Funding (US$)	Adjustment (US$)
Conversion to CFC-free technology in the manufacture of rigid polyurethane foam insulation panels at Barlan Metal	EUR	TUR	FOA	18	INV		TUR/96/017	462.00	0.00	804,050	
Total								**462.00**		**804,050**	
Agency Support Cost										**104,527**	
Grand Total										**908,577**	

Project Title	Region	Country	Sector	Mtg.	Type	No.	UNIDO Project No.	ODP Phased Out	Date Approved	First Disbursement Date	Date Completed (Actual)	Da Fin Co t
Project formulation of investment projects in the aerosol, foam and refrigeration sectors	AFR	ALG	SEV	21	PRP		ALG/97/040	0.00	Feb-97	May-97	Feb-98	

Refrigerant recovery and recycling scheme	AFR	BEN	REF	22	TAS	04	BEN/97/093	12.90	May-97	Aug-97	May-98
Refrigerant recovery and recycling scheme	AFR	BKF	REF	22	TAS	05	BKF/97/094	15.48	May-97	Aug-97	May-98
Preparation of a demonstration project (grain fumigation)	AFR	BOT	FUM	24	PRP	04	GLO/96/217	0.00	Mar-98	Apr-98	May-98
Preparation of demonstration project (tobacco, tomatoes, strawberries)	AFR	CMR	FUM	24	PRP		GLO/96/217	0.00	Mar-98	May-98	May-98
Institutional Strengthening project for the Montreal Protocol related activities (Phase II)	AFR	EGY	SEV	21	INS	61	EGY/96/048	0.00	Feb-97	May-97	Dec-98
Refrigeration recovery and recycling scheme	AFR	GAM	REF	22	TAS	05	GAM/97/095	7.70	May-97	Sep-97	May-98
Refrigerant recovery and recycling scheme	AFR	GUI	REF	22	TAS	05	GUI/97/096	12.90	May-97	Dec-97	May-98
Preparation of investment project in the commercial refrigeration sector for Allom du Nord and others	AFR	MOR	REF	24	PRP		MOR/98/013	0.00	Mar-98	Jul-98	May-98
Refrigerant recovery and recycling scheme	AFR	SEN	REF	22	TAS	08	SEN/97/098	36.12	May-97	Aug-97	May-98
Preparation of Refrigerant Management Plan	AFR	SUD	REF	23	PRP	07	SUD/98/027	0.00	Nov-97	Sep-98	Sep-98
Preparation of a refrigerant management plan	AFR	TUN	REF	24	PRP		TUN/98/014	0.00	Mar-98	Aug-98	Dec-98
Africa Sub Totals								**85.10**			
Project preparation in the refrigeration (including compressors), solvents and methyl bromide sectors	ASP	CPR	SEV	21	PRP		CPR/97/050	0.00	Feb-97	Jun-97	Feb-98
Project formulation of investment projects in all sectors	ASP	DRK	SEV	21	PRP	03	DRK/97/044	0.00	Feb-97	Jun-97	May-98
Preparation of a demonstration project in the methyl bromide sector	ASP	DRK	FUM	23	PRP	04	GLO/96/217	0.00	Nov-97	Jan-98	Jan-98

Preparation of a demonstration project in the methyl bromide sector (tobacco, tomatoes, pepper)	ASP	IDS	FUM	23	PRP		GLO/96/217	0.00	Nov-97	Jan-98	Sep-98
Preparation investment projects in the solvent (CFC 113) sector at Harbans Lal Mahotra & Sons Ltd. Calcutta	ASP	IND	SOL	24	PRP		IND/98/023	0.00	Mar-98	Jun-98	May-98
Preparation of a demonstration project in the methyl bromide sector	ASP	JOR	FUM	23	PRP		GLO/96/217	0.00	Nov-97	Jan-98	Mar-98
Preparation of investment projects in the foam sector (rigid polyurethane) for Chon Son, Ngui Soon, Ming Soon, Yon Tuck	ASP	MAL	FOA	24	PRP		MAL/98/024	0.00	Mar-98	Jun-98	Sep-98
National CFC recovery and recycling scheme	ASP	PHI	REF	22	TAS		PHI/97/097	60.00	May-97	Sep-97	Jun-98
Preparation of the Country Programme	ASP	QAT	SEV	21	CPG	01	QAT/97/062	0.00	Feb-97	Aug-97	Sep-98
Project preparation in the flexible foam sector	ASP	SYR	FOA	21	PRP		SYR/97/042	0.00	Feb-97	Oct-97	Dec-98
Preparation of at least three investment projects in the aerosol sector for phasing out ODS at three enterprises including Nweylati	ASP	SYR	ARS	23	PRP		SYR/97/200	0.00	Nov-97	Jun-98	May-98
Project formulation in the methyl bromide sector	ASP	THA	FUM	22	PRP		GLO/96/217	0.00	May-97	Jul-97	May-98
Asia and the Pacific Sub Totals								**60.00**			
Country Programme Preparation	EUR	BHE	SEV	21	CPG	01	BIH/97/061	0.00	Feb-97	Aug-97	Sep-98
Preparation of a demonstration project (tobacco, tomatoes)	EUR	CRO	FUM	24	PRP	07	GLO/96/217	0.00	Mar-98	May-98	May-98
Preparation of refrigerant management plan	EUR	MDN	REF	24	PRP	07	MCD/98/017	0.00	Mar-98	Jun-98	Sep-98
Preparation of a demonstration project in methyl bromide (tobacco, pepper, tomatoes)	EUR	MDN	FUM	25	PRP	08	GLO/96/217	0.00	Jul-98	Aug-98	Sep-98

Preparation of a demonstration project (flowers, tobacco)	EUR	TUR	FUM	24	PRP		GLO/96/217	0.00	Mar-98	Apr-98	May-98
Preparation of investment projects in the foam sector (polyurethane) at Sungersan AS and Serra Sunger	EUR	TUR	FOA	24	PRP		TUR/98/169	0.00	Mar-98	Jun-98	May-98
Country Programme preparation	EUR	YUG	SEV	21	CPG	01	YUG/97/063	0.00	Feb-97	Jun-97	Jun-98
Preparation of an investment project in the refrigeration sector for phasing out ODS at Obod	EUR	YUG	REF	23	PRP	04	YUG/97/206	0.00	Nov-97	Jul-98	Mar-98
Preparation of a refrigerant management plan	EUR	YUG	REF	24	PRP	06	YUG/98/011	0.00	Mar-98	Jun-98	Jun-98
Europe Sub Totals								**0.00**			
Project preparation in the commercial refrigeration sector (Tecpur, Crios, Panamante and others)	LAC	BRA	REF	24	PRP		BRA/98/032	0.00	Mar-98	Aug-98	May-98
Project formulation in the methyl bromide sector	LAC	COL	FUM	21	PRP		GLO/96/217	0.00	Feb-97	Jun-97	Jan-98
Preparation of a demonstration project (tobacco, curcubits, flowers, tomatoes)	LAC	DOM	FUM	25	PRP		GLO/96/217	0.00	Jul-98	Aug-98	Sep-98
Preparation of a refrigerant management plan	LAC	HON	REF	24	PRP	04	HON/98/019	0.00	Mar-98	Jun-98	Nov-98
Preparation of a phase out project (tobacco fumigation)	LAC	JAM	FUM	24	PRP	08	GLO/96/217	0.00	Mar-98	Apr-98	Sep-98
Project formulation of an investment project in the methyl bromide sector	LAC	MEX	FUM	22	PRP		GLO/96/217	0.00	May-97	Jul-97	May-98
Preparation of an investment project for phasing out ODS at several small enterprises in the commercial refrigeration	LAC	MEX	REF	23	PRP		MEX/97/190	0.00	Nov-97	Jun-98	May-98
Project formulation of investment projects in the refrigeration sector`	LAC	NIC	REF	21	PRP	02	NIC/97/038	0.00	Feb-97	Oct-97	May-98

Preparation of a demonstration project (tomatoes, cucumber, strawberries, flowers)	LAC	URU	FUM	24	PRP	GLO/96/217	0.00	Mar-98	May-98	May-98
Preparation of investment project in the foam sector (rigid polyurethane for Fanesi Barquisimeto	LAC	VEN	FOA	24	PRP	VEN/98/164	0.00	Mar-98	Sep-98	Sep-98
Latin America and the Caribbean Sub Totals							**0.00**			
Total All Regions							**145.10**			
Agency Support Cost										
Grand Total										

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	Overall Cost-Effectiveness to the Fund (US$/kg)
GRAND TOTAL	128	83,121,840	82.29%	11	26	6.00
Region						
Africa	46	31,065,164	86.64%	14	29	10.40
Asia & Pacific	54	42,326,664	81.12%	10	27	4.90
Europe	9	5,676,926	70.88%	9	19	3.61
Latin America and Caribbean	19	4,053,063	77.03%	10	21	6.30
Global	-	-	0.00%	-	-	-
Sector						
Aerosol	20	5,183,663	84.97%	11	25	2.00
Foam	39	10,358,416	81.73%	8	21	3.18
Group	-	-	0.00%	-	-	-
Halon	1	496,000	94.59%	11	25	0.34
Methyl Bromide	-	-	0.00%	-	-	-
Other	-	-	0.00%	-	-	-
Production	-	-	0.00%	-	-	-
Refrigeration	48	63,180,240	83.16%	13	33	10.23
Solvents	20	3,903,504	64.43%	16	23	11.39

Implementation Characteristics						
Agency Implementation	128	83,121,840	82.29%	11	26	6.00
National Implementation						
Time or Objective-Sensitive Accounts						
Time-Sensitive	-	-	0.00%	-	-	-
Object-Sensitive	128	83,121,840	82.29%	11	26	6.00
Disbursement Method						
During Implementation	122	80,422,336	83.01%	12	27	5.95
After Implementation	-	-	0.00%	-	-	-
Retroactive Funding	6	2,699,499	60.77%	6	13	8.33

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	22	2,804,499	89.99%	6.36	18.95
Region					
Africa	11	1,425,121	88.73%	5.63	19.54
Asia & Pacific	4	754,236	87.90%	5.00	18.50
Europe	4	288,559	90.18%	7.75	20.00
Latin America and Caribbean	1	165,170	99.71%	10.00	19.00
Global	2	1,717,413	100.00%	9.00	20.00
Sector					
Aerosol	0	-	0.00%	-	-
Foam	0	-	0.00%	-	-
Group	0	-	0.00%	-	-
Halon	0	-	0.00%	-	-
Methyl Bromide	0	-	0.00%	-	-
Other	9	955,870	94.25%	6.55	24.44
Production	0	-	0.00%	-	-
Refrigeration	13	1,848,629	87.78%	6.23	15.15

Solvents	0	-	0.00%	-	-
Type					
Country Programme Preparation	5	368,559	88.27%	7.40	19.80
Demonstration Projects	0	-	0.00%	-	-
Institutional Strengthening Projects	2	439,080	97.33%	3.50	32.00
Project Preparation	0	-	0.00%	-	-
Technical Assistance Projects	14	1,956,623	88.46%	6.64	17.85
Training Projects	1	40,237	100.00%	3.00	4.00
Implementation Characteristics					
Agency Implementation	22	2,804,499	89.99%	6.36	18.95
National Implementation					
Time or Objective-Sensitive Accounts					
Time-Sensitive	2	439,080	97.33%	3.50	32.00
Object-Sensitive	20	2,365,419	88.62%	6.65	17.65
Disbursement Method					
During Implementation	22	2,804,499	89.99%	6.36	18.95
After Implementation	0	-	0.00%	-	-
Retroactive Funding	0	-	0.00%	-	-

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	98	60,485,644	26.43%	8.64	28.28
Region					
Africa	26	6,184,724	23.86%	7.86	26.62
Asia & Pacific	49	44,413,936	29.24%	9.60	29.14
Europe	6	2,520,155	35.86%	8.20	29.83
Latin America and Caribbean	17	7,366,827	8.40%	7.33	27.76
Global	-	-	0.00%	-	-

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
Sector					
Aerosol	12	1,548,573	15.10%	10.29	25.92
Foam	25	13,267,515	20.50%	7.42	27.32
Group	-	-	0.00%	-	-
Halon	-	-	0.00%	-	-
Methyl Bromide	2	1,736,269	0.00%	2.00	35.50
Other	-	-	0.00%	-	-
Production	-	-	0.00%	-	-
Refrigeration	49	40,186,340	30.18%	8.69	29.35
Solvents	10	3,746,949	24.02%	10.00	26.80
Implementation Characteristics					
Agency Implementation	98	60,485,644	26.43%	8.64	28.28
National Implementation					
Time or Objective-Sensitive Accounts					
Time-Sensitive	-	-	0.00%	-	-
Object-Sensitive	98	60,485,644	26.43%	8.64	28.18
Disbursement Method					
During Implementation	97	60,355,616	26.47%	8.72	28.42
After Implementation	-	-	0.00%	-	-
Retroactive Funding	1	130,027	7.62%	4.00	14.00
GRAND TOTAL	31	8,916,183	16.88%	7.12	33.70
Region					
Africa	7	1,895,530	24.12%	6.71	31.57
Asia & Pacific	10	2,729,710	16.46%	7.30	40.40
Europe	6	1,335,243	8.82%	8.83	34.66
Latin America and Caribbean	8	2,955,700	16.26%	5.75	30.28
Global	-	-	0.00%	-	-

Sector					
Aerosol	-	-	0.00%	-	-
Foam	-	-	0.00%	-	-
Group	-	-	0.00%	-	-
Halon	-	-	0.00%	-	-
Methyl Bromide	24	8,003,160	14.45%	5.46	26.58
Other	4	708,023	30.02%	12.75	51.75
Production	-	-	0.00%	-	-
Refrigeration	3	205,000	66.28%	13.00	66.66
Solvents	-	-	0.00%	-	-
Type					
Country Programme Preparation	-	-	0.00%	-	-
Demonstration Projects	23	7,975,660	14.50%	5.39	26.69
Institutional Strengthening Projects	4	708,023	30.02%	12.75	51.75
Project Preparation	-	-	0.00%	-	-
Technical Assistance Projects	4	232,500	58.44%	11.50	56.00
Training Projects	-	-	0.00%	-	-
Implementation Characteristics					
Agency Implementation	31	8,916,183	16.88%	7.12	33.70
National Implementation	-	-	0.00%	-	-
Time or Objective-Sensitive Accounts					
Time-Sensitive	4	708,023	30.02%	12.75	51.75
Object-Sensitive	27	8,208,160	15.74%	6.29	31.03
Disbursement Method					
During Implementation	31	8,916,183	16.88%	7.12	33.70
After Implementation	-	-	0.00%	-	-
Retroactive Funding	-	-	0.00%	-	-

Region	Country	Sector	Mtg.	Type	No.	Project Title	Unido Project No.	First Disbursement Date	Approved Funding (US$)	Adjustments (US$)	Funds Disbursed (US$)	Per I Dis

AFR	ALG	REF	15	PRP	07	Project formulation for establishment of a National Centre for recovery and recycling CFC-11, CFC-12 and CFC-502	ALG/95/028	Nov-98	25,000	-	5,841
AFR	ALG	SEV	17	PRP		Project formulation for phasing out ODS in small- and medium-scale industries	ALG/95/130	Mar-96	50,000	-	35,403
AFR	ALG	FUM	22	PRP		Project formulation in the methyl bromide sector	GLO/96/217	Aug-97	8,000	-	4,200
AFR	CMR	SEV	21	PRP	08	Project formulation of investment projects in the foam and refrigeration sectors	CMR/97/036	Apr-97	50,000	-	10,424
AFR	CMR	REF	24	PRP		Preparation of refrigerant management plan	CMR/98/021	Apr-98	30,000	-	-
AFR	EGY	SOL	21	PRP		Project preparation in the solvent sector	EGY/97/068	Jul-97	15,000	-	8,291
AFR	GUI	FOA	21	PRP	04	Project formulation of investment projects in the foam sector	GUI/97/035	Sep-97	20,000	-	11,000
AFR	IVC	REF	16	PRP	04	Project formulation for the ODS phase-out in the refrigeration sector	IVC/95/068	May-95	15,000	-	13,630
AFR	IVC	REF	24	PRP		Preparation of an investment project in the domestic refrigeration (hydrocarbon) sector for Serti	IVC/98/162	Sep-98	20,000	-	7,903
AFR	KEN	FUM	23	PRP		Preparation of a demonstration project in the methyl bromide sector	GLO/96/217	Jan-98	10,000	15,000	17,650
AFR	MOR	SEV	21	PRP	07	Project formulation of investment projects in domestic refrigeration and methyl bromide sectors	MOR/97/046	Jun-97	22,150	-	17,163
AFR	SEN	FUM	25	PRP		Preparation of a demonstration project (tobacco, peanuts)	GLO/96/217	Aug-98	30,000	-	21,180
AFR	SEY	SEV	15	PRP	03	Preparation of a project proposal for setting up a national refrigerant recovery and recycling centre, National Halon Bank	SEY/95/074	Jun-95	15,000	-	4,147

AFR	TUN	SEV	21	PRP	Project formulation in the aerosol, foam, solvents and methyl bromide sectors	TUN/97/047	Sep-97	27,150	-	18,393
AFR	ZIM	FUM	22	PRP	Project formulation in the methyl bromide sector	GLO/96/217	Jun-97	8,000	-	5,648
					Africa Sub Totals			345,300	15,000	180,873
ASP	CPR	SEV	17	PRP	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/95/134	Sep-95	100,000	-	99,649
ASP	CPR	REF	18	PRP	Formulation of investment projects in the refrigeration sector with particular attention to domestic refrigeration and compressor manufacturing	CPR/96/028	Apr-96	55,000	-	54,999
ASP	CPR	OTH	18	PRP	Formulation of investment projects in the tobacco sector	CPR/96/053	Mar-97	50,000	-	27,620
ASP	CPR	OTH	24	PRP	Preparation of a sectoral strategy in the tobacco sector	CPR/98/167	Sep-98	200,000	-	66,321
ASP	CPR	FOA	24	PRP	Preparation of investment projects (50 companies) in the foam sector (polysterene/polyethylene)	CPR/98/168	Jun-98	100,000	-	38,383
ASP	IDS	SEV	15	PRP	Project formulation for phasing out ODS in small and medium scale industries	INS/95/013	Mar-95	80,000	-	51,374
ASP	IDS	SEV	21	PRP	Project formulation of investment projects in the aerosol and foam sectors	INS/97/037	Apr-97	20,000	-	13,126
ASP	IDS	SEV	23	PRP	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	3,543

ASP	IND	SOL	10	PRP	07	Project formulation for the conversion of electronic cleaning processes from CFC-113/alcohol blended and 1,1,1 trichlorethane to non-CFC cleaning	IND/93/162	Oct-94	74,000	-	73,544
ASP	IND	SEV	10	PRP	06	Project formulation for phasing out ODS in the unorganized sector	IND/93/164	May-94	55,000	-	49,715
ASP	IND	REF	23	PRP		Preparation of an investment project for phasing out ODS in the refrigeration sector (project under identification	IND/97/208	Jun-98	25,000	25,000	14,177
ASP	IRA	FUM	23	PRP		Preparation of a demonstration project in the methyl bromide sector	GLO/96/217	Mar-98	10,000	15,000	17,650
ASP	IRA	FOA	23	PRP		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	-	1,000
ASP	JOR	SEV	15	PRP		Preparatory assistance for investment projects in commercial refrigeration, air-conditioning, foam and halon sectors	JOR/95/009	Feb-95	50,000	-	43,513
ASP	JOR	REF	24	PRP		Preparation of refrigerant management plan	JOR/98/018	Jul-98	30,000	-	6,214
ASP	MAL	FOA	18	PRP		Preparation of an investment project in the foam sector	MAL/96/020	Jun-96	40,000	-	38,724
ASP	PAK	FUM	24	PRP		Preparation of demonstration project (tobacco, tomatoes, strawberries)	GLO/96/217	Apr-98	30,000	-	8,868
ASP	SYR	FUM	23	PRP		Preparation of a demonstration project in the methyl bromide sector	GLO/96/217	Feb-98	10,000	15,000	17,650
ASP	SYR	FOA	15	PRP	08	Preparation of investment projects for phasing out of CFC-11 from the sub sector of flexible foams manufacturing	SYR/95/006	Feb-95	20,000	-	17,640
ASP	SYR	REF	18	PRP		Preparation of an investment project in recovery and recycling sector	SYR/96/025	Sep-98	15,000	-	2,000
ASP	SYR	FOA	24	PRP		Preparation of investment projects for NPD in Damascus and others in rigid foam sector	SYR/98/163	Sep-98	15,000	-	2,000

ASP	VIE	FUM	22	PRP		Project formulation in the methyl bromide sector	GLO/96/217	Jun-97	8,000	-	5,648
						Asia and the Pacific Sub Totals			1,007,000	65,000	653,358
EUR	CRO	FOA	21	PRP	03	Project formulation of investment projects in the foam sector	CRO/97/041	Apr-97	30,000	-	9,284
EUR	CRO	REF	24	PRP	06	Preparation of a refrigerant management plan	CRO/98/020	Sep-98	30,000	-	10,160
EUR	MDN	SEV	18	PRP	02	Preparation of projects in the refrigeration, aerosol and foam sector	MCD/96/021	Jan-96	30,000	-	26,283
EUR	ROM	FUM	23	PRP		Preparation of a demonstration project in the methyl bromide sector	GLO/96/217	Feb-98	10,000	-	7,060
EUR	ROM	REF	18	PRP	07	Preparation of investment projects in the domestic and commercial refrigeration sector	ROM/96/029	Mar-96	20,000	-	19,162
EUR	ROM	FOA	23	PRP		Preparation of an investment project in the foam sector for phasing out ODS at Romcarbon	ROM/97/211	Sep-98	10,000	10,000	4,526
EUR	ROM	REF	24	PRP		Preparation of a refrigerant management plan	ROM/98/015	Sep-98	30,000	-	5,226
EUR	TUR	FOA	15	PRP		Preparation of investment projects in ODS phase out in the foam sector	TUR/95/037	Mar-95	50,000	-	48,375
EUR	TUR	FOA	24	PRP		Preparation of investment project in the rigid foam sub sector	TUR/98/170	Sep-98	15,000	-	4,281
EUR	YUG	SOL	23	PRP	05	Preparation of an investment project in the solvent sector for phasing out ODS at Hemofarm	YUG/97/205	Sep-98	10,000	-	3,167
						Europe Sub Totals			235,000	10,000	137,524
GLO	GLO	SEV	26	PRP	175	Project preparation advance	GLO/99/003		169,000	-	-
GLO	GLO	REF	22	PRP		Development of Refrigeration Management Plans	RAF/97/088	Sep-97	60,000	-	40,597
						Global Sub Totals			229,000	-	40,597
LAC	ARG	SEV	21	PRP		Project preparation in the refrigeration and methyl bromide sectors	ARG/97/045	Apr-97	32,140	-	23,516
LAC	BRA	SEV	21	PRP		Project preparation in the refrigeration and methyl bromide sectors	BRA/97/089	Aug-97	57,140	-	54,940

LAC	CUB	REF	24	PRP	07	Preparation of an investment project (hospitals) in the commercial refrigeration sector	CUB/98/010	Jun-98	50,000	-	21,990
LAC	CUB	FUM	24	PRP	08	Preparation of a phase out project (tobacco)	GLO/96/217	Apr-98	20,000	-	14,120
LAC	ECU	SEV	17	PRP		Preparation of an investment project in a plant (Elasta) for the production of polyurethane flexible foam for automotive industry	ECU/95/136	Oct-95	15,000	-	5,748
LAC	GUA	FUM	21	PRP		Project formulation of investment projects in the methyl bromide sector	GLO/96/217	May-97	7,140	-	5,041
LAC	HON	FOA	21	PRP	03	Project formulation of investment projects in the foam sector	HON/97/043	Apr-98	30,000	-	8,569
LAC	NIC	REF	24	PRP	04	Preparation of refrigerant management plan	NIC/98/016	Sep-98	30,000	-	3,000
LAC	PER	SOL	17	PRP		Project preparation assistance in solvent sector	PER/95/138	Apr-96	30,000	-	18,070
						Latin America and the Caribbean Sub Totals			271,420	-	154,994
						Totals All Regions			**2,087,720**	**90,000**	**1,167,346**
						Agency Support Cost			**271,404**	**11,700**	**151,755**
						Grand Total			**2,359,124**	**101,700**	**1,319,101**

Project Title	Requested Adjustment (US$)	Remarks(*)	Approved Funding (US$)	Adjust-ment (US$)	Funds Disbursed (US$)	Per Cent of Funds Disbursed	Balance (US$)	Planned Commitm. in Current Year	Region	Country
Phasing out CFCs at Ets. COPHYD	(1,373)	UNIDO financial closure Oct 98.	53,024	-	51,651	97.41%	1,373	-	AFR	ALG
Preparation of an investment project for the phase-out of CFC-11 in the manufacture of sandwich panels at Prosider (Annaba-Algeria)	(1,621)	UNIDO financial closure Apr 98.	25,000	-	23,379	93.52%	1,621	-	AFR	ALG
Preparation of an investment project for CFC phase-out in the production of rigid foam at Batimetal	(4,278)	UNIDO financial closure Apr 98.	25,000	-	20,722	82.89%	4,278	-	AFR	ALG
Identification and preparation of projects in the solvents and aerosols sectors	(961)	UNIDO financial closure Dec 98.	15,000	-	14,039	93.59%	961	-	AFR	KEN
Preparation of investment projects in the refrigeration, aerosol and foam sectors	(5,513)	UNIDO financial closure May 98.	50,000	-	44,487	88.97%	5,513	-	AFR	SUD
Preparation of investment projects in the aerosol, foam, domestic refrigeration and solvent sectors	(1,742)	UNIDO financial closure Dec 98.	30,000	-	28,258	94.19%	1,742	-	AFR	TUN
Phasing out of CFCs at Mansoor Daya Chemicals Ltd.	(2,796)	UNIDO financial closure Dec 98.	417,163	-	414,367	99.33%	2,796	-	AFR	URT

Preparation of training and certification programmes for refrigeration technicians and preparation of investment projects for the refrigeration sector	(5,746)	UNIDO financial closure Apr 98.	82,100	-	76,354	93.00%	5,746	-	AFR	ZAM
Preparation of investment projects in the refrigeration, air conditioning and recovery/recycling	(526)	UNIDO financial closure May 98.	40,000	-	39,474	98.69%	526	-	AFR	ZIM
Africa Sub Totals	**(24,556)**		**737,287**	**-**	**712,731**	**96.67%**	**24,556**	**-**		
Conversion of electronic cleaning processes from ODS solvents to semi-aqueous cleaning and no-clean soldering technologies at ITI, Bangalore	(978)	UNIDO financial closure Dec 98.	107,954	-	106,976	99.09%	978	-	ASP	IND
Feasibility study for recovery/recycling of CFC refrigerants	(42,939)	UNIDO financial closure 10 Dec 98.	55,000	-	12,061	21.93%	42,939	-	ASP	IND
Preparation of an investment project in the aerosol sector	(785)	UNIDO financial closure Nov 98.	25,000	-	24,215	96.86%	785	-	ASP	SYR
Asia and the Pacific Sub Totals	**(44,702)**		**187,954**	**-**	**143,252**	**76.22%**	**44,702**	**-**		
Conversion to CFC-free technology in the manufacture of rigid polyurethane foam insulation panels at Barlan Metal	(802,118)	UNIDO cancellation Sep 97.	804,050	-	1,932	0.24%	802,118	-	EUR	TUR
Europe Sub Totals	**(802,118)**		**804,050**	**-**	**1,932**	**0.24%**	**802,118**	**-**		
Conversion of ODS cleaning processes from 1,1,1 TCA to aqueous cleaning and using trichlorethane at Elgin Maquinas SA	(6,288)	UNIDO financial closure 14 Dec 98.	156,567	-	150,279	95.98%	6,288	-	LAC	BRA
Preparation of investment projects for elimination of CFCs in the polymer foams manufacturing	(5,375)	UNIDO financial closure Aug 98.	150,000	-	144,625	96.42%	5,375	-	LAC	BRA
ODS phase out at a domestic refrigeration plant (Guyana Refrigeration Ltd.)	(682)	UNIDO financial closure May 98.	15,000	-	14,318	95.45%	682	-	LAC	GUY
Latin America and the Caribbean Sub Totals	**(12,345)**		**321,567**	**-**	**309,222**	**96.16%**	**12,345**	**-**		
Total All Regions	**(883,721)**		**2,050,858**	**-**	**1,167,137**	**56.91%**	**883,721**	**-**		
Administrative Support Cost	**(114,884)**		**266,612**	**-**	**151,728**	**56.91%**	**114,884**	**-**		

Grand Total	**(998,605)**		**2,317,470**	**-**	**1,318,865**	**56.91%**	**998,605**	**-**

(*) The remark "UNIDO financial closure" indicates the financial closure of project accounts by UNIDO Financial Services, after all project activities have been finalized and all financial issues pertaining to the project have been settled.

Country Development and Institutional Strengthening Highlights

(Total value/total disbursement indicated is excluding agency support cost. Details on a project-by-project basis are included in Annex II. Country problems which have led to implementation delays have been reported to the MFS and the ExCom on a regular basis. The most serious ones are described in Annex 1B).

Algeria

Five investment projects were approved for a total value of US$ 634,171, to phase out 112.40 ODP tonnes. Eight investment projects were completed, 425.30 ODP tonnes were phased out. Total 1998 disbursement: US$ 1,710,321.

Argentina

No new projects were approved or completed. Serious delays in implementation were reported to MFS and the ExCom and are described in detail in Annex 1B. Total 1998 disbursement: US$ 237,423.

Barbados

Completion of one ongoing project is planned for 1999. Funds disbursed: US$ 7,640.

Benin

One technical assistance (TAS) project was completed. ODP phased out: 12.90 tonnes. Funds disbursed: US$ 56,652.

Botswana

One demonstration project was approved and is under implementation. Total value US$ 146,300. Total 1998 disbursement was US$ 24,350

Bosnia and Herzegovina

Country Programme finalized and submitted to 26th ExCom for approval. Total 1998 disbursement for the country was US$ 32,505.

Brazil

Two investment projects were approved for a total value of US$ 734,472, to phase out 80.30 ODP tonnes. Three projects were completed; 98 ODP tonnes were phased out. Total 1998 disbursement was US$ 1,085,488.

Burkina Faso

One TAS project phased out 15.48 ODP tonnes. In-service training planned for April 1999.

Cameroon

One demonstration project was approved for a value of US$ 160,600. One project was completed, 115.10 ODP tonnes were phased out. Total 1998 disbursement was US$ 849,526.

China

Four investment projects were approved for a value of US$ 6,416,401 to phase out 1,264.10 ODP tonnes. Six projects were completed, 3,197.60 ODP tonnes were phased out. Total 1998 disbursement was US$ 13,269,124.

Colombia

One demonstration project was approved for a value of US$ 123,200. Total 1998 disbursement was US$ 5,041.

Cote d'Ivoire

Two investment projects are under implementation, which will phase out 86.80 ODP tonnes. Total disbursement for the country during 1998 was US$ 111,511.

Croatia

One demonstration project was approved for a value of US$ 288,200. One project was completed, which phased out 25 ODP tonnes. Total 1998 disbursement was US$ 163,360.

Cuba

One investment project in the fumigants (methyl bromide) sector was approved for a value of US$ 1,673,324, to phase out 48 ODP tonnes. Total 1998 disbursement was US$ 36,110.

Dominican Republic

One demonstration project was approved for a value of US$ 324,500. Total 1998 disbursement was US$ 21,180.

DR Korea

Two investment projects were approved for a value of US$ 1,571,181, to phase out 289 ODP tonnes. Four projects were completed, which phased out 260 ODP tonnes. Total 1998 disbursement was US$ 273,868.

Egypt

Ten project were completed, which phased out 114.70 ODP tonnes. Total 1998 disbursement was US$ 1,445,721.

Institutional Strengthening project for the Montreal Protocol related activities. Funding: US$ 175,630; total disbursed: US$ 163,905; 1998 disbursement: US$ 93,812 (included in total disbursement above). Implementation proceeding satisfactorily. Subcontract with Ozone Unit to cover operational costs and staff incentives was signed. Phase II is ending in February 1999. Approval of Phase III has been requested.

Gambia

One project was completed, which phased out 7.70 ODP tonnes. Total 1998 disbursement was US$ 51,322.

Guatemala

One demonstration project is under implementation. Funds disbursed amounted to US$ 141,428.

Guinea

One project was completed which phased out 12.90 ODP tonnes. Funds disbursed amounted to US$ 44,955.

Guyana

One project in the refrigeration sector is under implementation. 1998 disbursement was US$ 95,644.

Honduras

Refrigerant Management Plan was prepared. Will be submitted for ExCom approval in 1999. Total 1998 disbursement for the country was US$ 24,284.

India

Two investment projects were approved, for a value of US$ 564,011, to phase out 29.60 ODP tonnes. One project was completed which phased out 16.40 ODP tonnes in total, 3.5 ODP tonnes during the reporting period. Total country disbursement in 1998 was US$ 145,326.

Indonesia

One demonstration project was approved for a value of US$ 332,200. Four project were completed which phased out 150.80 ODP tonnes. Total 1998 disbursement was US$ 512,555.

Iran

Two investment projects were approved, for a value of US$ 981,837, to phase out 79.50 ODP tonnes. Seven projects were completed, which phased out 612 ODP tonnes. Total disbursement for the country during 1998 was US$ 2,331,928.

Jamaica

One demonstration project was approved for a value of US$ 102,850. Total disbursement for the country during 1998 was US$ 17,650.

Jordan

One demonstration project and two investment projects were approved for a value of US$ 1,026,997. The investment projects will phase out 50.80 ODP tonnes. Three projects were completed which phased out 82.10 ODP tonnes. Total disbursement for the country during 1998 was US$ 1,441,490.

Kenya

One demonstration project was approved for US$ 328,900. One investment project was completed which phased out 40.80 ODP tonnes. Total disbursement for the country during 1998 was US$ 526,907.

Lebanon

Two investment projects were completed, phasing out 38.60 ODP tonnes. Total disbursement for the country during 1998 was US$ 675,741.

Malaysia

Two investment projects were approved for a total of US$ 83,382 to phase out 10.70 ODP tonnes. Three projects were completed which phased out 46.90 ODP tonnes. Total disbursement for the country during 1998 was US$ 228,784.

Macedonia

One demonstration project was approved for US$ 259,600. Two projects were completed which phased out 384 ODP tonnes. Total disbursement for the country during 1998 was US$ 954,291.

Creation of an Ozone Secretariat. Funding: US$ 152,900; total disbursed: US$ 84,105; 1998 disbursement: US $71,214 (included in total 1998 disbursement above). Implementation proceeding satisfactorily, without problems and according to schedule. Subcontract with Ozone Unit to cover operational costs, staff incentives and awareness training was signed.

Mexico

One demonstration project and one investment project were approved for US$ 1,188,789. Investment project will phase out 50.60 ODP tonnes. Three projects were completed which phased out 57.10 ODP tonnes. Total disbursement for the country during 1998 was US$ 634,761.

Morocco

Two investment projects were approved at a total value of US$ 194,669, to phase out 17.10 ODP tonnes. Total disbursement for the country during 1998 was US$ 225,351.

Mozambique

One investment project is under implementation. Total disbursement during 1998 was US$ 62,575.

Nicaragua

One investment project was approved for US$ 130,027, to phase out 9.60 ODP tonnes. Total disbursement for the country during 1998 was US$ 25,724.

Nigeria

Three investment projects were approved for a total of US$ 1,226,538, to phase out 79.50 ODP tonnes. Two projects were completed which phased out 134 ODP tonnes. Total disbursement for the country during 1998 was US$ 572,341.

Pakistan

Five investment projects are under implementation. Total disbursement for the country during 1998 was US$ 679,147.

Peru

Three projects in the solvent sector were completed, phasing out 1.40 ODP tonnes. Total disbursement for the country during 1998 was US$ 71,592.

Philippines

One technical assistance (TAS) project was completed, phasing out 60 ODP tonnes. Total disbursement for the country during 1998 was US$ 471,310.

Romania

Two investment projects were completed, phasing out 803.30 ODP tonnes. Total disbursement for the country during 1998 was US$ 973,915.

Creation of an Ozone Secretariat. Funding: US$ 168,443; total disbursed: US$ 23,219; 1998 disbursement: US$ 23,209 (included in 1998 disbursement above). During the first half of 1998 implementation slowed down. Despite several reminders, the statements of expenditure for the first half of 1998 were not received by September 1998, thus delaying the issuance of the second subcontract. In the meantime, work programme for 1999 has been prepared including inputs for national experts and the subcontract for activities for the first half of 1999 issued. *Annex 1B provides detailed information on the delays of this project.*

Senegal

One investment project in the fumigants (methyl bromide) sector was approved for US$ 62,945, to phase out 0.70 ODP tonnes. One technical assistance project was completed, which phased out 36.12 ODP tonnes. Total disbursement for the country during 1998 was US$ 144,346.

Sudan

One investment project is ongoing. The conversion of one of the recipient companies was achieved. The equipment for the other two companies was purchased and delivered. These companies are no longer operational. ExCom's guidance on the handling of the equipment purchased - but not installed - is awaited. Total disbursement for the country during 1998 was US$ 143,770.

Syria

One demonstration project and four investment projects were approved, for a total of US$ 1,529,653. ODP to be phased out: 280 tonnes. Ten projects were completed and achieved a phase out of 819.20 ODP tonnes. Total disbursement for the country during 1998 was US$ 1,575,825.

Support to strengthening the General Commission for Environmental Affairs to implement Montreal Protocol related activities. Funding: US$ 235,180; total disbursed: US$ 103,388. After lengthy delays (MFS and ExCom have been regularly informed), the project is now progressing at a speedier pace. Nominations for national experts received. One national expert was recruited to monitor the implementation of UNIDO projects in the country, which will include monitoring of equipment destruction and assistance to companies in customs formalities. Approval of Phase II, included in UNIDO Work Programme, has been deferred to either 28th or 29th ExCom.

Thailand

One demonstration project was approved for US$ 280,500. Total disbursement for the country during 1998 was US$ 5,648.

Tunisia

One demonstration project was approved for US$ 301,730. Five investment projects were completed which phased out 199 ODP tonnes. Total disbursement for the country during 1998 was US$ 465,713.

Turkey

One demonstration project and one investment projects were approved for a total of US$ 768,958. ODP to be phased out 86 ODP tonnes. Total disbursement for the country during 1998 was US$ 826,602.

Tanzania

One investment project is under implementation and expected to be completed by the end of 1999. Total disbursement for the country during 1998 was US$ 67,568.

Uruguay

One demonstration project was approved for US$ 299,200. Total disbursement for the country during 1998 was US$ 24,150.

Venezuela

Three investment projects were approved for a total value of US$ 598,890, to phase out 69.30 ODP tonnes. Four projects were completed which phased out 73.60 ODP tonnes. Total disbursement for the country during 1998 was US$ 379,884.

Viet Nam

One demonstration project was approved for US$ 411,180. There has been a delay in start up of the project owing to the adaptation of the fumigants warehouse by the counterpart. Total disbursement for the country during 1998 was US$ 75,489.

Yugoslavia

One investment project in the solvent sector was approved for US$ 608,729, to phase out 54.60 ODP tonnes. These were phased out. Documentation for retroactive payment was prepared and payment is to be effected in the first quarter of 1999. Total disbursement for the country during 1998 was US$ 48,485.

Creation of Ozone Secretariat. Funding: US$151,500; total disbursed: US$ 1,819 (included in total 1998 disbursement above). Implementation started in October. Manager of Ozone Unit attended the 26th ExCom in Cairo. Subcontract prepared and signed, will start in January 1999.

Zimbabwe

One demonstration project is under implementation. Total disbursement for the country during 1998 was US$ 112,568.

Country Development Highlights

Country	Number of projects formulated and approved by ExCom	Type	Amount approved	ODP to be phased out	Number completed - reporting period	ODP phased out - reporting period	Disbursements during 1998 (All projects)
Algeria	5	INV	634,171	112.40	8	425.30	1,710,321
Argentina	0	-	-	-	0	-	237,423
Barbados	0	-	-	-	0	-	7,640
Benin	0	-	-	-	1	12.90	56,652
Bosnia & Herzegovina	0	-	-	-	0	-	32,505
Burkina Faso	0	-	-	-	1	15.48	63,575
Botswana	1	DEM	146,300	-	0	-	24,350
Brazil	2	INV	734,472	80.30	3	98.00	1,085,488
Cameroon	1	DEM	160,600	-	1	115.10	849,526
Colombia	1	DEM	123,200	-	0	-	5,041
China	4	INV	6,416,401	1,264.10	6	3,197.60	13,269,124
Croatia	1	DEM	288,200	-	1	25.00	163,360
Cuba	1	INV	1,673,324	48.00	0	-	36,110
Dominican Republic	1	DEM	324,500	-	0	-	21,180
D.P.R. Korea	2	INV	1,571,181	289.00	4	260.00	273,868
Ecuador							-
Egypt					10	114.70	1,445,721
Gambia					1	7.70	51,322
Global							28,297
Guatemala							141,428
Guinea					1	12.90	44,955
Guyana							95,644
Honduras							24,284
Indonesia	1	DEM	332,200	-	4	150.80	512,555
India	2	INV	564,011	29.60	1	3.50	147,326
Iran	2	INV	981,837	79.50	7	612.00	2,331,928
Cote d'Ivoire							111,511
Jamaica	1	DEM	102,850	-			17,650

Jordan	3	1 DEM, 2 INV	1,026,997	50.80	3	82.10	1,441,490
Kenya	1	DEM	328,900	-	1	40.80	526,907
Lebanon					2	38.60	675,741
Malaysia	2	INV	83,382	10.70	3	46.90	228,784
Macedonia	1	DEM	259,600	-	2	384.00	954,291
Mexico	2	1 DEM, 1 INV	1,188,789	50.60	3	57.10	634,761
Morocco	3	INV	194,669	17.10			225,351
Mozambique							62,575
Nicaragua	1	INV	130,027	9.60			25,724
Nigeria	3	INV	1,226,538	79.50	2	134.00	572,341
Pakistan							679,147
Peru					3	1.40	71,592
Philippines					1	60.00	471,310
Qatar							50,641
Romania					2	803.30	973,915
Senegal	1	INV	62,945	0.70	1	36.12	144,346
Seychelles							-
Sudan							143,770
Swaziland							-
Syria	5	1 DEM, 4 INV	1,529,653	280.00	10	819.20	1,575,825
Thailand	1	DEM	280,500	-			5,648
Tunisia	1	DEM	301,730	-	5	199.00	465,713
Turkey	2	1 DEM, 1 INV	768,958	86.00			826,602
United Rep. of Tanzania							67,568
Uruguay	1	DEM	299,200	-			24,150
Venezuela	3	INV	598,890	69.30	4	73.60	379,884
Viet Nam	1	DEM	411,180	-			75,489
Yugoslavia	2	1 INS, 1 INV	760,229	54.60	1	54.60	48,485
Zambia							-
Zimbabwe							112,568

	58	0	23,505,434	2611.8	92	7,881.70	34,253,402
Information on a project by project basis is provided in Annex 2.							
Country problems which have led to implementation delays have been reported to the MFS and the ExCom on a regular basis. The most serious ones are described in Annex 1B.							

Project Title	Region	Cntry	Sctr.	Mtg.	Type	No.	UNIDO Project No.	Date of completion per Proposal	Planned Date of Completion	Remarks
Phasing out CFC-12 at Mallol Saic	LAC	ARG	FOA	20	INV	47	ARG/96/176	Apr-98	Jun-00	Delay in implementation stems from se due to installation of butane tank. Tl awarded a plot to the company ir building works are planned to start M last for about nine months. Timefra therefore adjusted to take this into sharing by recipient company be
Phasing out of CFC-12 at Multiespuma Saic	LAC	ARG	FOA	20	INV	49	ARG/96/177	Apr-98	Jun-00	Delay was caused by economic difficu company. Project purchased import during 1998, i.e., high and low pressure anti-fire pumps, safety devices. A final layout of the factory i
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	Jul-97	Dec-99	All equipment is on site. There differences between UNIDO and the Deadline for completion is the end of 3rd
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	Nov-97	Dec-99	International bidding process machinery center and grinding mach Technological line will be modernized. forecast includes 104 ODP tonnes of indi
Phasing out ODS at Hangzhou Huari Refrigerator Co.	ASP	CPR	REF	18	INV	147	CPR/96/042	Nov-97	Dec-99	All major equipment is on site. There differences between UNIDO and the Deadline for completion is the end of 3rd

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	Nov-96	Jul-99	International bidding carried out. Sol technical problems. Equipment being Specifications for degreasing machine Initial delay was due to the required cost company and their initial decision on typ
Phasing out of CFC-11 from flexible slabstock foam manufacturing at Safoam Co.	ASP	IRA	FOA	22	INV	20	IRA/97/085	Jun-98	Nov-00	Negotiations on cost-sharing still be critical financial situation in the c
Phasing out of CFC-11 from flexible slabstock foam manufacturing at Urethane Systems Company (USC)	ASP	IRA	FOA	22	INV	21	IRA/97/087	Jun-98	Nov-00	Negotiations on cost-sharing still be critical financial situation in the c
Phasing out CFC-11 from flexible slabstock foam manufacturing at Shizar Co.	ASP	IRA	FOA	22	INV	22	IRA/97/086	Jun-98	Nov-00	Negotiations on cost-sharing still be critical financial situation in the c
Phasing out of CFC-11 from flexible slabstock foam manufacturing at Mashhad Foam	ASP	IRA	FOA	23	INV	29	IRA/97/165	Dec-98	Nov-00	Negotiations on cost-sharing still be critical financial situation in the c
Phasing out CFCs at Parfumerie Gandour D.A.F.	AFR	IVC	ARS	20	INV	7	IVC/96/187	Oct-97	Dec-99	Long delay in receiving counterpart's c TOR, subsequently delayed interna Subcontract established. Gandour and discussed the requirements for civil cor (a new production plant had to be bui delivery was scheduled for end 1998 plant would be ready. Equipmer confronted with cus
Phasing out CFCs at Sicobel	AFR	IVC	ARS	20	INV	8	IVC/96/188	Oct-97	Dec-99	Long delay in receiving counterpart's c TOR, subsequently delayed interna Subcontract established. Equipmer confronted with cus
Phasing out of CFCs at Lebanese Modern Industrial and Trading Co.	ASP	LEB	REF	22	INV	19	LEB/97/084	Nov-98	Dec-99	Evaluation of offers took place in Fe awarded to Lematik (GER). Equi expected 2n

Phasing out ODS at the refrigerator and chest freezer plants of Pak Elektron Ltd. (PEL)	ASP	PAK	REF	19	INV	10	PAK/96/111	Nov-97	Dec-99	Updated work plan received and conve
Support to strengthening the General Commission for Environmental Affairs to implement Montreal Protocol related activities	ASP	SYR	SEV	10	INS	3	SYR/93/148	Jun-96	Oct-99	After lengthy delays, the project is now p speedier pace. Nominations for r received. One national expert w altogether 4 months over a perio monitor the implementation of UNIDO country, which will include monitorin destruction and assistance to compar
Phasing out of CFC-11 from flexible slabstock foam manufacturing at Akal Factory	ASP	SYR	FOA	23	INV	25	SYR/97/180	Dec-98	Jun-00	TOR finalized. International biddin b
Phasing out of CFC-11 at Urosan Kimiya Sanayii A.S.	EUR	TUR	FOA	20	INV	22	TUR/96/181	Oct-97	Apr-99	Equipment supplier selected. Purchas Equipment in the process of l
Phasing out of CFCs at Tanzania Domestic Appliance Manufacturers Ltd.	AFR	URT	REF	18	INV	6	URT/96/015	Mar-97	Dec-99	Sample refrigerators were shipped to Perros (ITA) and were received beg Commissioning and start up/ODS ph take plac

Projects with Implementation Delays per UNEP/OZL.PRO/EX/COM/26/5

1. KEN/REF/11/INV/6 CFC-phase out project at Kenya Cold Storages Ltd. and subsidiary companies

Initial reasons for delay *(as per Progress and Financial Report 1997)*:

The delay between date of approval (Nov. 1993) and first disbursement (December 1996) was due to the fact that a revised project document was approved by the 18th ExCom in November 1995. Following this approval and related increase of funding the first disbursement occurred finally in December 1996 only.

Despite our request to the Ozone Office Nairobi and the involvement of the UNIDO Country Director as well as the UNDP Resident Representative, we have still not been able (after one year) to obtain release of the equipment by the customs authorities at Mombasa harbour without having to pay taxes/duties. This means further that (a) storage charges are being requested, (b) the supplier's guarantee for the equipment has meanwhile expired.

Progress *(status as at mid-September 1998):*

While the Ministry of Environmental Conservation informed the Multilateral Fund in July 1998 of the release of the shipment for this project, and also about the exemption from customs and other duties/taxes, the equipment is still todate at the customs storage. The reason given by the customs is that some inconsistencies exist between the shipping documentation of the supplier and the identification numbers indicated by the Ministry of Finance to the Customs authorities.

Progress ***(status as at end December 1998):***

According to information received from the counterpart end November 1998, the new documents from the Ministry of Finance to the customs authorities are ready and the customs clearance is in progress.

Additional explanations for delays previously encountered :

We have contacted our Representative in Nairobi and have asked him to find out the present status of equipment clearance. We will revert in due course.

2. NIR/REF/18/INV/11 Phasing out CFCs at Thermocool

Initial reasons for delay *(as per Progress and Financial Report 1997)*:

Following international bidding in July 1996 and receipt of offers in December 1996, Budget limitations necessitated lengthy discussions in order to finalize the equipment list (only reached in May 1997) and purchase thereof; delivery is due during the first quarter of 1998.

Progress *(status as at mid-September 1998):*

Due to the customs clearance problems faced in Nigeria in connection with a previous project, UNIDO has decided to withhold the delivery until the problem is solved in order to avoid damages to equipment and losses. Meanwhile the Government has taken action recently to clear the goods for the company Debo and it is hoped now that the same procedure will be ensured for the equipment destined for Thermocool.

Progress *(status as at end December 1998):*

In fact the waver on accrued demurrage of the imported equipment has been obtained only on 11 November 1998. Instruction has been given to the general contractor to ship the equipments. The shipment took place on 18 December 1998.

Additional explanations for delays previously encountered :

As pointed out in the status as at mid-September 1998 in connection with a previous project having encountered customs clearance problems, the Government of Nigeria, in coordination with UNDP, UNIDO and the Ozone Office, has taken all necessary steps to smooth future operations in Nigeria, starting with the project Thermocool and the newly approved projects. Instructions were given to the relevant institutions in order to lift all costs related to customs duties and associated taxes for import.

As stated in the progress status as at end December 1998, shipment for Thermocool took place in December 1998 and the equipment has arrived in Nigeria.

3. SYR/SEV/10/INS/3 Support to strengthening the General Commission for environmental Affairs to implement Montreal Protocol related activities

Initial reasons for delay *(as per Progress and Financial Report 1997)*:

This project was approved by the 13th ExCom in July 1994 and has in its implementation considerably slowed down since one year. The main problems encountered by UNIDO are the following: long delays in receipt of final statements of expenditures which would allow UNIDO to close timely the accounts of the project every year; despite repeated requests, no nominations have been received for national consultants foreseen by UNIDO, which means that the total allotment of US$ 73,219 foreseen for this purpose in the project has not at all been used yet by the Syrian Ozone Office. According to the Ozone Office, they have difficulties to identify suitable candidates. We did point out to the Ozone Office on several occasions that this may prove non-conducive to getting the approval of Phase II which has actually been included in UNIDO's 1998 Business Plan.

Progress *(status as at mid-September 1998):*

The latest indication received through UNIDO's Field Representative in August 1998 was that the Ozone Officer would like to adjust inputs of the project to better meet the current requirements. UNIDO has contacted the Ozone Officer and requested clarification and details.

Progress *(status as at end December 1998):*

Nominations for national experts have been received meanwhile. One national expert has been recruited for altogether 4 man-months over a period of one year to monitor the implementation of UNIDO projects in the country. This task includes: -problem solving related to conversion of their compressor, domestic refrigerator and freezer plants, - installation, commissioning and start-up of new equipment and redesign of modes, - assistance to companies in customs formalities, - monitor destruction of obsolete equipment replaced by the projects.

Additional explanations for delays previously encountered:

This progress of the project was discussed over the phone between the MFS and UNIDO (status as at December 1998) and the MFS recognized that the project has made progress as compared to the status as at mid-September 1998.

4. IRA/FOA/17/INV/11 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

Initial reasons for delay *(as per Progress and Financial Report 1997)*:

Delays occurred due to high investment requirements at the counterpart's site for production of equipment, site preparation and safety aspects for the entire plant. Receipt of equipment procured by UNIDO occurred in December 1997.

Progress *(status as at mid-September 1998):*

Equipment was delivered, however conversion process at two factories is not fully completed yet due to delays in the sites preparation.

Progress *(status as at end December):*

Although equipment was delivered by Cannon in accordance with the contract conditions, the project sites are not fully prepared yet due to the necessity to change the design and placement of penthane tanks from overground to underground, as well as due to the necessity to relocate two production lines in accordance with the safety requirements. A UNIDO mission was fielded to Iran in December 1998 and a meeting was held with participation of Government representatives, Enterprises'and Cannon representatives. Measures were agreed upon to overcome difficulties and expedite project implementation.

Additional explanations for delays previously encountered:

In December 1998 a UNIDO mission was carried out to the project and the following was agreed upon:

In respect to safety aspects, and specifically the following points in the report provided by TÜV, it was agreed on the following:

- *Underground tank instead of overground tank for USC Company, whereby the engineering would be provided by Cannon and drawings to be provided by the technology supplier (Cannon) by end December 1998.*
- *As to the free-standing electrical heating systems within the explosion hazard zones, these are to be replaced by an explosion-proof heating system and it was agreed to use a hot air system.*

- *Instead of the planned complete enclosure of the conveyor, the TÜV experts recommended the installation of an edge exhaust system along the panel path which will directly extract the pentane gas escaping while the foam rises. Calculations are under preparation by the technology supplier.*
- *Dust equipment: The technology supplier will check the issue of explosion in the existing fan (fan should be explosion proof).*
- *Installation of equipment would start for the three companies located in Tehran by end of March and end of April for the companies located outside of Tehran.*

5. ROM/SEV/17/INS/4 - Creation of Ozone Secretariat

Initial reasons for delay *(as per Progress and Financial Report 1997)*:

The Government of Romania was not fully clear about UNIDO's rules and procedures which lead to protracted negotiations, while in the meantime the Government set up changed following elections. Mid-1997, following a request of the external auditors, the procedure for implementation of this type of projects had to be changed, which meant that the project document under negotiation with the Romanian Government needed adaptations and resubmission to the Government. Signature of the project document was actually done on 3 October 1997 in Bucharest. As of that date, the implementation proceeds according to schedule.

Progress *(status as at mid-September 1998):*

It seems that the project implementation is slowing down. Despite several requests, UNIDO has not received the final statements of expenditures for the first subcontract between the Ozone Office and UNIDO for the period of January to June 1998. According to UNIDO's financial procedure a new subcontract can only be issued for the second half of 1998 if accounts for the first subcontract have been closed.

Progress *(status as at end December 1998):*

Despite several requests, UNIDO only received incomplete final statements of expenditures for the first subcontract between the Ozone Office and UNIDO for the period of January to June 1998. (According to UNIDO's financial procedure a new subcontract can only be issued for the second half of 1998 if accounts for the first subcontract have been closed.) A visit of the Manager of the Ozone Unit and the Ministry of Environment is being arranged for mid-January 1999 in order to discuss and clarify any pending issues for a smooth operation of the project.

Nominations for six national experts have been provided by the Ozone Unit, the Terms of Reference for their respective services are under preparation.

Additional explanations for delays previously encountered:

The Delegation consisting of the counsellor of the Ministry of Environment and the Manager of the Ozone Unit visited UNIDO HQ for three days consultations and working sessions with the UNIDO management team of the project to discuss and clarify bottlenecks that have caused delays in the implementation of the project. The Manager of the Ozone Unit has submitted to UNIDO all invoices relating to items of expenditure and disbursement, authorized under the subcontract for the year 1998, such as purchase of equipment for the Ozone Unit, project travel, incentive payments to staff of the Ozone Unit, communication costs. Based on those documents of evidence and the draft progress report the scope for the work programme for 1999 was set, including inputs for national experts, and accordingly the subcontract for activities of the first half year of 1999 is issued.

6. ARG/FOA/20/INV/47 Phasing out CFC-12 at Mallol Saic

Initial reasons for delay *(as per Progress and Financial Report 1997):*

A delay is expected due to the fact that the counterpart will move to a new site pending a decision by the Municipality of Moron.

Progress *(status as at mid-September 1998):*

Equipment order can only be placed upon receipt of confirmation from either Ozone Officer or company management that the Municipality of Moron has awarded the land required to build the new factory on.

Progress *(status as at end December 1998):*

Equipment order can only be placed upon receipt of confirmation from either Ozone Officer or company management that the Municipality of Moron has awarded the land required to build the new factory on. The President of the company has confirmed in writing end October 1998 that the land has been awarded. The building works will start in March 1999 and are expected to take approx. nine months. Therefore, the time frame of the project implementation has to be adjusted, taking the new project realities into full account.

Additional explanations for delays previously encountered:

When the factory and the authorities of Argentina decided to apply for a grant of the Multilateral Fund, and following the approval and preparatory work for the conversion, it turned out that the Municipality of Moron could not agree for security and safety reasons that a butane tank is installed at the premises of the present factory buildings (located in a residential area). This led to the subsequent decision that a new plot of land will be awarded by the Municipality of Moron to the company Mallol, which actually happened in October 1998.

Regarding the timetable for the building works we have requested our Field Representative to look further into the matter and report to us soonest. We shall revert in due course.

7. BRA/SOL/20/INV/59 - Brosol

Initial reasons for delay *(as per Progress and Financial Report 1997)*:

Two factors account for the slow implementation of this project: (1) A management change which necessitated during 1996 negotiations of the conversion approved upon request of the previous management. (2) Despite our requests to the company and also to PROZON, the equipment and material specifications have still not been received by UNIDO.

Progress *(status as at mid-September 1998):*

It seems that the company was sold to a Canadian enterprise. UNIDO is trying to get confirmation of this information from the new owner or the Ozone Officer and/or to consider jointly the cancellation of this project. No feed-back has been received so far neither from the Ozone Officer nor from the company.

Progress *(status as at end December 1998):*

It seems that the company was sold to a Canadian enterprise. UNIDO is trying to get confirmation of this information from the new owner or the Ozone Officer. No feed-back has been received so far neither from the Ozone Officer nor from the company. When confirmation of the ownership change has been received, then the project situation should be reviewed jointly with the Ozone Officer in light of the new (foreign and Article 2) ownership status.

Additional explanations for delays previously encountered:

It is obvious from the status as at end December 1998 that no further progress or change of situation can be reported.