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Executive Committee of
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Nineteenth Meeting
Montreal, 8-10 May 1996

UNDP PROGRESS REPORT

**EXECUTIVE COMMITTEE OF THE MULTILATERAL
FUND FOR IMPLEMENTATION OF THE
MONTREAL PROTOCOL**

(19th Meeting, 8-10 May 1996, Montreal)

**PROGRESS REPORT
OF THE
UNITED NATIONS DEVELOPMENT PROGRAMME**

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As of 15 March 1996

(19ECPR2)

**EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR
IMPLEMENTATION OF THE MONTREAL PROTOCOL
(19th Meeting, 8-10 May 1996, Montreal)**

UNDP PROGRESS REPORT

A. OPERATIONAL/POLICY DEVELOPMENTS

1. At the 18th Executive Committee Meeting (22-24 November 1995, Vienna), UNDP received approval for 76 new projects and activities amounting to \$15.15 million. Thus, as of end-December 1995, UNDP's cumulative project allocations under the Multilateral Fund amounted to \$110.03 million (excluding project support costs).

2. UNDP's cumulative 1991-1995 approved activities under the Multilateral Fund are in the following categories:

	<u>\$ millions</u>	<u>Percent</u>
CPG (country prog. preparation)	1.01	0.9
DEM (demonstration projects)	0.70	0.7
INS (institutional strengthening)	5.39	4.9
INV (investment projects)	89.47	81.3
PRP (project preparation)	3.44	3.1
TAS (technical assistance)	8.71	7.9
TRA (training)	1.31	1.2
	===	===
TOTAL	110.03	100.0

3. UNDP's cumulative disbursements (direct expenditures, obligations and commitments) increased from \$30.53 million on 30 September 1995 to \$45.14 million as of 15 March 1996. UNDP has thus disbursed 41% of all project funds received. Disbursements by activity category in US \$millions and as a percentage of activity allocations are as follows:

	<u>Cumulative Disbursements to 15 March 96</u>	
	<u>(\$ millions)</u>	<u>% disbursed</u>
CPG (country prog. preparation)	1.01	100.0%
DEM (demonstration projects)	0.34	48.6%
INS (institutional strengthening)	2.48	46.0%
INV (investment projects)	32.98	36.9%
PRP (project preparation)	2.61	75.9%
TAS (technical assistance)	4.64	53.3%
TRA (training)	1.08	82.4%
	===	===
TOTAL	45.14	41.0%

4. UNDP raised its overall project disbursement rate from 32% in September 1995 to 41% in March 1996 with a net additional disbursement of \$14.6 million over the reporting period. This is the successful result of UNDP's and UNOPS' efforts in second-half 1995 to accelerate project and programme delivery.

5. The sectoral disaggregation of approved UNDP activities and the ODP tonnes to be phased out are as follows:

	SECTOR BUDGETS		ODP Tonnes
	(\$ millions)	%	Phaseout
Aerosols	2.75	2.5	753
Foams	44.95	40.8	8,520
Halons	2.37	2.2	656
Methyl bromide	0.43	0.4	-
Refrigeration/AC/MAC	44.08	40.1	3,948
Solvents	4.50	4.1	124
Several	10.95	9.9	-
	===	===	===
TOTAL	110.03	100.0	14,001

6. The "Several" category above, as used by the Fund Secretariat, comprises ODS reconnaissance surveys, country programme preparation, institutional strengthening, project preparation assistance, small-scale industry data surveys, regional surveys on methyl bromide, and global projects on technology assessment.
7. Under the Montreal Protocol, UNDP has programmes in the following 41 countries:
- AFRICA (12):**
Central African Republic, Congo, Egypt, Ethiopia, Ghana, Kenya, Malawi, Mauritius, Nigeria, Tanzania, Uganda, Zambia
- ASIA/PACIFIC (12):**
Bangladesh, China, India, Indonesia, Iran, Jordan, Malaysia, Pakistan, Philippines, Sri Lanka, Thailand, Vietnam
- LATIN AMERICA/CARIBBEAN (17):**
Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, Guatemala, Jamaica, Mexico, Panama, Peru, Trinidad & Tobago, Uruguay, Venezuela

Projects/Activities Operationally Completed

8. UNDP, as of 15 March 1996, had operationally completed a total of 138 activities including project preparation (31). The remaining 107 projects/activities comprise:
- o ODS Surveys (4): Bangladesh, Costa Rica, India (small-scale), Iran
 - o Country Programmes (13):
Bangladesh, China, Costa Rica, Cuba, India, Indonesia, Iran, Kenya, Philippines, Sri Lanka, Trinidad & Tobago, Uruguay, Venezuela
 - o National Training, Technical Assistance and Demonstration Projects (39)
 - o Regional Workshops & Demonstration Programmes (7):
Asia/Pacific, Latin America/Caribbean, Middle East/Africa
 - o Global Project (1): Global MAC Phase 1
 - o Methyl Bromide Subregional Data Surveys (3):
English-speaking Africa, South-East Asia, South America
 - o Investment Projects (41 comprising 33 projects and 8 subprojects in 8 countries:
China (3), Egypt (9 + 2 subprojects), India (1), Malaysia (17), Mexico (1 subproject), Philippines (1), Thailand (1) and Uruguay (6 subprojects)

Projects/Activities Operationally Completed: 1 October 1995 - 15 March 1996

9. The following 35 projects/subprojects/activities were operationally completed during the above reporting period. Most of them remain financially open to enable closure of financial accounts. In three cases, subprojects of umbrella projects have been completed and have been so designated.

1) **BRA/SEV/17/PRP/022: Brazil: Project preparation assistance**

Date of approval: July 1995

Proposed completion date: June 1996

Approved funding: \$75,000

Actual completion date: Jan. 1996

Expenditures/obligations: \$75,085

Expenditures have covered the services of a part-time national coordinator, part-time national consultants in foams, solvents and MAC, and several visits by UNDP's foam, refrigeration and solvents sector experts between August 1995 and January 1996. Several foams and solvents project proposals were prepared, as well as a comprehensive ODS phaseout programme developed for Multibras in the domestic refrigeration sector. At the 18th ExCom Meeting in November 1995, five projects amounting to \$904,900 were approved and funded and another three projects amounting to \$741,000 were approved and await funding at the 19th ExCom Meeting.

2) **CPR/SOL/07/DEM/020: China: Demonstration project for ODS phaseout at the Dandong Tuner Factory**

Date of approval: June/Oct. 1992

Proposed completion date: Dec. 1994

Approved funding: \$495,000

ODP tonnes eliminated: 19

Actual completion date: Nov. 1995

Expenditures/obligations: \$484,708

This project was formulated by the World Bank and originally approved for Bank implementation. At the 8th ExCom Meeting in October 1992, this project was transferred to UNDP. The project serves as a demonstration center for the application of ODS-free cleaning technology to replace CFCs used as solvents in many high volume, surface-mount electronic assembly lines and other industrial cleaning processes. The project funded procurement of semi-aqueous cleaning equipment, the costs of building modifications and civil works, testing, trial runs and technical assistance. The project has eliminated 19 ODP tonnes/year. The technology demonstration plan is ongoing.

3) **CPR/REF/09/TAS/027: China: Testing in Southern China**

Date of approval: March 1993

Proposed completion date: Feb. 1995

Approved funding: \$100,000

Actual completion date: Dec. 1995

Expenditures/obligations: \$100,000

Guangdong Chemicals Trading Co. is a major importer and seller of CFCs in Southern China. Under the project, the enterprise imported five types of CFC substitutes: HFC-134a for refrigeration and automotive use respectively, and Suva Blend MP39, MP66 and MP51 respectively from several suppliers and distributed these to 12 refrigeration equipment manufacturers for testing. Brief reports from each manufacturer were prepared and submitted to NEPA on efficiency, performance and reliability tests conducted. The project led to and facilitated formulation of recently approved ODS phaseout refrigeration sector projects currently being implemented in Southern China.

4) **CPR/SEV/17/PRP/128: China: Project preparation assistance**

Date of approval: July 1995

Proposed completion date: Dec. 1995

Approved funding: \$100,000

Actual completion date: Oct. 1995

Expenditures/obligations: \$100,000

Project formulation visits took place in the domestic refrigeration, foams (XPE/XPS, automotive trim) and solvent sectors. Numerous pipeline projects were identified, many of them have been formulated and submitted to the 18th ExCom Meeting for consideration. The 18th ExCom Meeting approved four projects (3 foam, 1 solvents) amounting to \$0.84 million. However, seven other projects (1 foam, 2 refrigeration, 4 solvents) amounting to \$6.6 million were approved but not funded, and await funding at the 19th ExCom Meeting.

5) **COL/SEV/17/PRP/013: Colombia: Project preparation assistance**

Date of approval: July 1995

Proposed completion date: July 1996

Approved funding: \$30,000

Actual completion date: March 1996

Expenditures/obligations: \$30,000

Visits by UNDP consultants resulted in the formulation of two additional projects in the refrigeration manufacturing sector, as well as a national refrigerant recovery/recycling programme. One refrigeration sector project was approved at the 18th ExCom Meeting and the second has been submitted for approval at the 19th ExCom Meeting.

6) **EGY/FOA/10/INV/015: Egypt: Elimination of CFC-11 in the manufacture of molded flexible polyurethane foam at Modern Building Carpentry Company (MOBICA)**

Date of approval: June 1993

Proposed completion date: May 1994

Approved funding: \$434,000

ODP tonnes eliminated: 20

Actual completion date: Nov. 1995

Expenditures/obligations: \$434,000

MOBICA is a leading manufacturer of furniture and automotive seats in Egypt. Under the project, MOBICA switched to an all water-blown technology to replace CFCs used as a blowing agent in its flexible foam production line. The project covered the costs of two replacement high pressure foaming units, a mould heating system and thermal conditioning equipment, start-up training and formulation trials. During implementation, it was found that equipment costs were much higher than anticipated. In order not to delay the national ODS phaseout plan, the enterprise agreed to absorb all costs over and above the Multilateral Fund grant. The project eliminated the use of 20 tonnes/year of CFC-11.

7) **EGY/FOA/10/INV/016: Egypt: Elimination of CFC-11 in the manufacture of molded rigid polyurethane foam at Cairo Light Industries Co. (Olympic Electric)**

Date of approval: June 1993

Proposed completion date: Dec. 1994

Approved funding: \$940,000

ODP tonnes eliminated: 75

Actual completion date: Nov. 1995

Expenditures/obligations: \$940,000

OLYMPIC is a major manufacturer of water heaters, cool boxes and solar panels using rigid polyurethane foam for insulation. Under the project, OLYMPIC replaced the use of CFC-11 initially with HCFC-141b, then switching to cyclopentane as the ultimate CFC-replacement technology. The project's incremental costs covered the provision of four high pressure foam dispensing units (two with pentane capabilities), leak detectors, process adjustments and technical assistance. Delays in civil and gas piping works were encountered during implementation. The project was inspected by the UNDP foam sector expert and the UNDP safety expert before its formal commissioning in November 1995 when 75 metric tonnes/annum of CFC-11 were eliminated.

- 8) EGY/FOA/11/INV/019: Egypt: Conversion to CFC-free technology in the manufacture of flexible polyurethane foam at Alex Foam (formerly Dekheila Chemical Industries)

Date of approval: Nov. 1993

ODP tonnes eliminated: 130

Proposed completion date: Nov. 1994

Actual completion date: Nov. 1995

Approved funding: \$650,000

Expenditures/obligations: \$560,000

Alex Foam, located in Alexandria, is one of the major manufacturers of slabstock foam, supplying mattresses and cushions for the furniture industry. It employs an advanced foam manufacturing process on its Beamech Vertifoam machine. Under the project, Alex Foam eliminated use of CFCs by switching to the "Hypercure" system, an accelerated curing system developed by Beamech. The project covered the cost of a complete hypercure system technology transfer package, local works and process adjustment trials. Although emissions filtration equipment was specified, this was replaced by an improved ventilation system during implementation. This will result in some project savings after all project expenditures have been recorded. The project was commissioned in November 1995 and has eliminated 130 metric tonnes/annum of CFC-11.

- 9) EGY/FOA/12/INV/022 (two enterprises): Egypt: Completion of subproject "Conversion to CFC-free technology in the manufacture of flexible polyurethane foam at Foam Industrial"

Date of approval: March 1994

ODP tonnes eliminated: 150

Proposed completion date: March 1995

Actual completion date: Nov. 1995

Approved funding: \$387,000

Expenditures/obligations: \$387,000

Foam Industrial, one of two enterprises covered under this project, is one of Egypt's oldest manufacturers of flexible slabstock foams producing a line of specialty foam products with very low densities ranging from 16 kg to 60 kg. The company eliminated the use of CFCs as a blowing agent by switching to methylene chloride in conjunction with a rapid cooling system. The subproject incremental costs included improved ventilation and safety systems, encapsulation works, product trials and expert assistance in product formulations and during start-up, including safety training. The subproject was commissioned in November 1995 and 150 metric tonnes/annum of CFCs have been eliminated.

- 10) EGY/REF/12/INV/021 (five enterprises): Egypt: Completion of subproject "Conversion to CFC-free technology in the commercial refrigeration sector at SCIB Chemical Co."

Date of approval: March 1994

ODP tonnes eliminated: 12.4

Subproject completion date: March 1995

Actual completion date: Nov. 1995

Subproject approved funding: \$85,000

Expenditures/obligations: \$85,000

SCIB Chemical is one of the five enterprises covered under this umbrella project. It supplies chemicals to the construction industry and installs sprayed urethane foam insulation for cold storage and roofing. Under the subproject, SCIB eliminated use of CFCs as a blowing agent by switching to CFC-free systems. The subproject covered the cost of two spray foam machines, process adjustment trials, technical training and start-up. The project was implemented under a group implementation arrangement and is the first to be completed. It was commissioned in November 1995 and has phased out 12.4 metric tonnes/annum of CFCs.

- 11) IND/FOA/12/INV/016: India: Phaseout use of CFCs in the manufacture of extruded polyethylene foam sheet at Camphor & Allied Products Ltd.

Date of approval: March 1994

ODP tonnes eliminated: 120

Proposed completion date: June 1995

Actual completion date: Dec. 1995

Approved funding: \$280,000

Expenditures/obligations: \$273,091

Camphor & Allied Products Ltd. produces low density polyethylene foam sheet for packaging and insulation purposes. Under the project, the use of CFCs as a blowing agent was replaced by a mix of LPG and isobutane. The project included extensive technical assistance in the new technology and safe handling of these flammable substances, building modifications and local works relating to gas storage and safety systems. The project, together with 4 others, was on hold until July 1995 pending Government decision on project execution modalities. When this was resolved, the company moved very rapidly to complete the project. The project was officially commissioned on 21 December 1995 and has eliminated 120 metric tonnes/annum of CFCs and is India's first investment project completed under the Multilateral Fund.

12) MAL/REF/04/TRA/001: Malaysia: Training in the MAC Sector

Date of approval: June 1991

Proposed completion date: Dec. 1992

Approved funding: \$50,000

Actual completion date: Dec. 1995

Expenditures/obligations: \$50,000

This project was long delayed due to uncertainty on cost-effective CFC replacement technologies in MAC. Reports on CFC substitution in MAC were copied/distributed and brochures on MAC retrofitting procedures used for training purposes. A national training workshop for MAC operators was held to discuss CFC alternatives in MACs with hands-on training on recycling machines and leak detectors. A technical assessment team of three staff visited the USA during 16-25 October 1995 to attend a technical MAC course, meet with companies producing equipment, and meet with the MAC Society of North America.

13) MAL/FOA/11/INV/016: Malaysia: Eliminate CFCs in the manufacture of rigid polyurethane insulation foam at Insafoam Insulation

Date of approval: Nov. 1993

Proposed completion date: Nov. 1994

Approved funding: \$310,000

ODP tonnes eliminated: 30

Actual completion date: Nov. 1995

Expenditures/obligations: \$310,000

Insafoam Insulation produces preinsulated pipes, panels and slabstock polyurethane foams. The products are mainly used for airconditioning insulation and cold room panels. Under the project, Insafoam replaced CFCs by switching to a combination of water-blown technology and HCFC-141b. The project provided one high pressure foam dispensing unit, technical assistance for production start-up and material for trials. Technical difficulties were encountered and resolved during project start-up and production trials. The project was commissioned in November 1995 eliminating 30 metric tonnes/annum of CFCs.

14) MAL/FOA/11/INV/021: Malaysia: Elimination of CFC-12 in the manufacture of extruded polystyrene and polyethylene foam sheet at Associated Air-Pack Industries

Date of approval: Nov. 1993

Proposed completion date: Oct. 1994

Approved funding: \$234,000

ODP tonnes eliminated: 50

Actual completion date: Nov. 1995

Expenditures/obligations: \$186,761

Associated Air-Pack specializes in the production of extruded polystyrene and polyethylene foam sheet for the food industry (lunch boxes and meat trays) and the electronics industry. Through the project, Air-Pack successfully switched to the use of LPG (liquified petroleum gas) to replace CFC-12. Project start-up was delayed since the enterprise needed to relocate to a safer site for LPG use. The project covered the costs of retrofitting the existing extruder for use with hydrocarbons (including necessary safety devices), installation of extensive exhaust and ventilation systems in the production area, civil works and gas storage and piping, as well as production and safety training. Record of final financial disbursements awaited. The project eliminated 50 tonnes/year of CFC-12.

15) MAL/ARS/12/TAS/030: Malaysia: Safety and technical assistance programme to aid manufacturers of aerosol products

Date of approval: March 1994

Proposed completion date: Feb. 1995

Approved funding: \$145,700

Actual completion date: Dec. 1995

Expenditures/obligations: \$77,507

While conversion to hydrocarbon aerosol propellant (HAP) is the accepted approach to CFC phaseout in aerosols, most aerosol fillers are concerned about the inherent fire hazards using HAPs. Under the project, extensive technology and safety awareness has been provided through two national aerosol workshops (May 95, Nov. 95), and by selected safety audits for demonstration purposes. A survey of all SMEs was carried out; in the process, initial safety audits were also conducted. A national safety manual for the aerosol industry has been compiled, based on international safety standards and Malaysian safety regulations. The manual was translated into Bahasa and distributed to all aerosol manufacturers as reference materials. The project made effective use of available national expertise (thus reducing costs), and worked closely with the Government and the aerosol industry to set realistic ODS phaseout plans and launch legislative measures. An umbrella project for the remaining SMEs has been formulated and submitted to 19th ExCom Meeting in conjunction with a strategy paper on SMEs. Financial disbursement records are awaited.

16) MAL/REF/12/INV/029: Malaysia: Elimination of CFC-11 and CFC-12 in the manufacture of home refrigerators at Sharp Roxy

Date of approval: March 1994

Proposed completion date: Feb. 1996

Approved funding: \$962,000

ODP tonnes eliminated: 65

Actual completion date: Nov. 1995

Expenditures/obligations: \$75,423

Sharp Roxy is a joint venture, with 49% Malaysian-ownership, producing a variety of domestic appliances. Under the project, Sharp Roxy switched to cyclopentane to replace CFC-11 as blowing agent for the production of foam refrigerator panels and cabinets, and HFC-134a refrigerant to replace CFC-12. The project covered retrofitting of the existing foaming machine, gas storage and fire safety installations, exhaust and ventilation systems, redesign of all the refrigerator models, a new HFC-134a charging unit, prototyping and testing, training and one-year of incremental operating costs. The project was completed in November 1995 and eliminated 65 ODP tonnes/annum. Expenditures incurred by Sharp Roxy are currently being reviewed prior to financial disbursement.

17) MAL/FOA/15/INV/047: Malaysia: Phaseout CFC-11 in the manufacture of pipe insulation at Ricwil (Malaysia)

Date of approval: Dec. 1994

Proposed completion date: Nov. 1995

Approved funding: \$118,000

ODP tonnes eliminated: 26

Actual completion date: Nov. 1995

Expenditures/obligations: (pending)

Ricwil (Malaysia) is a joint venture with 51% Malaysian holding. It is engaged in pipe insulation and roof-spraying works. Through the project, Ricwil switched to HCFC-141b as an interim alternative solution to substitute CFCs. The project provided funding for one replacement high pressure machine and a pre-blender, retrofitting the existing spray foam unit, production trials and training in start-up, and incremental operating costs. The project, completed in November 1995 on schedule, eliminating 26 tonnes/year of CFC-11. Awaiting final record and verification of expenditures prior to full disbursement.

18) MAL/FOA/15/INV/050: Malaysia: Phaseout CFCs in the manufacture of rigid foam panels and shipyard insulation works at Leading Refrigeration & Engineering

Date of approval: Dec. 1994

ODP tonnes eliminated: 10

Proposed completion date: Dec. 1995

Actual completion date: Nov. 1995

Approved funding: \$214,000

Expenditures/obligations: \$214,000

Leading Refrigeration is a manufacturer of insulated polyurethane panels and undertakes shipyard insulation works as well. Under the project, it replaced CFCs by HCFC-141b as an interim solution, eventually switching to ODS-free technology. The project provided one high pressure foaming unit, a pre-mixer, the covered the cost of trials and technical assistance for production start-up and training. The project was commissioned in November 1995 and has eliminated 10 metric tonnes/annum of CFCs. It was completed on schedule.

19) MAL/ARS/17/INV/060: Malaysia: Conversion to CFC-free technology in the manufacture of aerosol products at Maya Chemical Industry

Date of approval: July 1995

ODP tonnes eliminated: 13

Proposed completion date: Dec. 1995

Actual completion date: Nov. 1995

Approved funding: \$37,808

Expenditures/obligations: (pending)

Maya Chemicals is a private aerosol filler producing mainly insecticides. Under the project, the company switched to HAPs to replace CFC. The company will be reimbursed for the costs of a new filling machine, safety and fire protection equipment, and civil works relating to electrical and piping works. The project has eliminated the residual use of 13 tonnes/year of CFCs. All works were certified to be completed after plant inspections by a UNDP expert in August and Nov. 1995 respectively. Expenditures are currently under review for reimbursement. The project was completed on schedule.

20) MEX/SEV/14/PRP/029: Mexico: Project preparation assistance

Date of approval: Sept. 1994

Proposed completion date: Dec. 1995

Actual completion date: Dec. 1995

Approved funding: \$100,000

Expenditures/obligations: \$100,000

As a result of projects formulated by UNDP consultants under this activity, four projects amounting to \$8.37 million were approved at the 15th ExCom Meeting in December 1994, comprising two large refrigeration sector projects and two solvents sector projects. Work has also progressed in the foam sector, and a draft sector strategy is being prepared. Under a successor activity, several projects in foams have or will be presented for approval.

21) MEX/REF/15/INV/030: Mexico: Completion of the Comasa Compressor Subproject within the umbrella project "Elimination of CFCs in the manufacture of domestic refrigerators at the MABE Group"

Date of approval: Dec. 1994

Subproject completion date: March 1996

Actual completion date: March 1996

Subproject approved funding: \$1,188,724

Expenditures/obligations: \$1,188,724

The MABE Group umbrella project was approved in December 1994 with a project budget of \$4.5 million to eliminate 391 ODP tonnes. It covers two domestic refrigerator manufacturers (Astral, Enresa) whose subprojects are ongoing and one compressor manufacturer (Comasa) whose subproject was completed and officially commissioned on 15 November 1995. Under the compressor subproject, Comasa converted its compressor manufacturing line from CFC-12 to HFC-134a and will supply compressors to Astral, Enresa and other companies. The project provided Comasa with washing, welding and dehydration equipment for the new processes. The subproject's net incremental cost of

conversion was \$1.83 million, of which the Multilateral Fund paid 65% (\$1.19 million) to reflect the percentage share of Mexican ownership.

22) PER/ZEV/18/PRP/012: Peru: Project preparation assistance

Date of approval: Nov. 1995

Proposed completion date: Nov. 1996

Actual completion date: March 1996

Approved funding: \$25,000

Expenditures/obligations: \$25,000

Visits by UNDP consultants in February 1996 resulted in the formulation and submission to the 19th ExCom Meeting for approval of five projects comprising four commercial refrigeration sector projects and one national refrigerant recovery/recycling project. These five projects have a combined budget of \$982,500. All preparatory assistance funds for Peru have been exhausted and no further formulation activities can be undertaken in 1996.

23) PHI/SEV/15/PRP/035: Philippines: Project preparation assistance

Date of approval: Dec. 1994

Proposed completion date: March 1996

Actual completion date: March 1996

Approved funding: \$50,000

Expenditures/obligations: \$50,000

Project identification/formulation visits were undertaken primarily in 1995, as a result of which several projects were approved: a foam project (\$217,000) at the 17th ExCom Meeting, and one foam, one halons and one refrigeration sector project totalling \$876,352 at the 18th ExCom Meeting. One foam project (\$101,000) was approved but could not be funded at the 18th ExCom Meeting and will be funded at the 19th ExCom Meeting, at which two additional umbrella projects (commercial refrigeration, solvents) amounting to \$1.1 million have been submitted for approval.

24-29) URU/FOA/13/INV/006: Uruguay: Completion of six of the seven subprojects within the umbrella project "Conversion to CFC-free technology in the manufacture of rigid polyurethane foam spray at seven enterprises"

Date of approval: July 1994

ODP tonnes eliminated: 70.1

Subprojects completion date: Dec. 1995

Actual completion date: Dec. 1995

Subprojects approved funding: \$630,000

Expenditures/obligations: \$561,361

This rigid foam umbrella project covering seven enterprises was approved in July 1994 with a project budget of \$665,000 which would eliminate 70.8 ODP tonnes. Under this project, the seven enterprises would eliminate CFC-11 use in rigid polyurethane foam spray through the use of a water/HCFC-141b mix technology. The project covered the cost of high pressure dispensing units and a central training workshop. Of the seven enterprises, six have completed their ODS phaseout, eliminating a total of 70.1 ODP tonnes and only the seventh and smallest enterprise remains (0.7 ODP tonne). The project has already disbursed \$561,361 or 85% of the total budget. Financial accounts remain open. The six enterprises who have operationally completed their ODS phaseout are:

- o Aislaciones de Uruguay (26.0 ODP tonnes)
- o Kubal (15.0 ODP tonnes)
- o Metalizadora Uruguaya (15.0 ODP tonnes)
- o Eraton (5.0 ODP tonnes)
- o ThermoPur (5.0 ODP tonnes)
- o Kalisay (4.1 ODP tonnes).

30) VEN/SEV/17/PRP/035: Venezuela: Project preparation assistance

Date of approval: July 1995

Proposed completion date: July 1996

Actual completion date: March 1996

Approved funding: \$30,000

Expenditures/obligations: \$30,000

A national consultant was recruited to assist UNDP consultants in the formulation of projects in the commercial refrigeration sector. The national counterpart (FONDOIN) has played a key role in facilitating the whole effort. Three refrigeration sector projects amounting to \$1,87 million were approved at the 18th ExCom Meeting in November 1995.

31) AFR/FUM/17/TAS/014: Africa: Regional survey on methyl bromide use in English-speaking Africa

Date of approval: July 1995

Proposed completion date: March 1996

Actual completion date: March 1996

Approved funding: \$179,850

Expenditures/obligations: \$80,504

32) ASP/FUM/17/TAS/019: Asia/Pacific: Regional survey on methyl bromide use in South-East Asia/Pacific

Date of approval: July 1995

Proposed completion date: March 1996

Actual completion date: March 1996

Approved funding: \$102,000

Expenditures/obligations: \$58,000

33) LAC/FUM/17/TAS/014: Latin America/Caribbean: Regional survey on methyl bromide use in South America

Date of approval: July 1995

Proposed completion date: March 1996

Actual completion date: March 1996

Approved funding: \$57,700

Expenditures/obligations: \$51,700

At the 17th ExCom Meeting (July 1995), a methyl bromide (MBr) data survey project was approved covering the following three subregions:

- a) English-speaking Africa: Botswana, Egypt, Ethiopia, Gambia, Ghana, Kenya, Lesotho, Malawi, Mauritius, Mozambique, Namibia, Nigeria, Seychelles, Sudan, Swaziland, Tanzania, Uganda, Zambia, Zimbabwe.
- b) South-East Asia and Pacific: Brunei, Fiji, Indonesia, Malaysia, Myanmar, Philippines, Thailand, Vietnam.
- c) South America: Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Paraguay, Peru, Uruguay, Venezuela.

The three subregional programmes determined MBr usage in each country and did preliminary evaluation of cost-effective MBr substitution possibilities. Full use was made of MBTOC experts. UNDP appointed 3-person subregional teams to assist the selected national teams which comprised a national expert and 1-3 data assistants each, depending on estimated MBr consumption, with the direct involvement of the national ozone units or focal points. MBr data survey forms were developed and sent to these teams and were further discussed by the UNDP consultants at the three UNEP subregional MBr workshops at Harare, Zimbabwe (25-26 Sept. 1995), Bangkok, Thailand (31 Oct - 2 Nov. 1995) and Bogota, Colombia (31 Oct. - 2 Nov. 1995).

The draft UNDP report titled "Survey on consumption of methyl bromide and alternatives in South America, South-East Asia/Pacific and English-speaking Africa was circulated for information at the Preparatory Meeting for the 7th Meeting of the Parties to the Montreal Protocol (27 Nov. - 2 Dec. 1995, Vienna) and was commended by many delegations for its coverage and analysis.

34) LAC/REF/06/TRA/004: Latin America/Caribbean: Regional MAC CFC-recycling training and demonstration programme

Date of approval: Feb. 1992

Proposed completion date: Dec. 1992

Approved funding: \$45,000

Actual completion date: Nov. 1995

Expenditures/obligations: \$45,000

The regional MAC workshops had been long delayed due to uncertainty on cost-effective CFC replacement technologies in MAC. This activity was jointly organized by UNDP and USEPA and was held in Santo Domingo, Dominican Republic, on 6 November 1995, in conjunction with UNEP's ODSNET Central America meeting during 7-10 November 1995. Participants from Central and South America participated. This prepared participants for the hands-on demonstration/training on the use of recovery/recycling equipment, funding of which has been approved bilaterally for USEPA but which will be implemented jointly with UNDP.

35) GLO/REF/08/TAS/028: Global MAC Project

Date of approval: Feb. 1992

Proposed completion date: Dec. 1994

Approved funding: \$318,584

Actual completion date: Dec. 1995

Expenditures/obligations: \$318,584

This project had many activities and was successfully completed in December 1995. In Latin America, Argentina, Mexico, Uruguay and Venezuela benefitted from USEPA technical visits during late-1994. In addition, some funding from this project covered participants who attended the regional Latin America MAC Workshop in Santo Domingo on 6 November 1995 as described above. In Asia, a demonstration project implemented by UNDP in China under this project was replicated by USEPA; recycling equipment are now in place and the demonstration workshop with 25-30 participants in Beijing yielded methods to reduce CFC-12 emissions by 10-12 tonnes/annum. This has been an excellent example of productive collaboration between an implementing agency and a bilateral donor.

ODS Phaseout Projects Completed

10. During the reporting period of 1 October 1995 - 15 March 1996, UNDP thus operationally completed 20 investment projects/subprojects eliminating a total of 789 ODP tonnes in the following six countries:

o	China	1 project	19 ODP tonnes
o	Egypt	3 projects + 2 subprojects	387 "
o	India	1 project	120 "
o	Malaysia	6 projects	193 "
o	Mexico	1 subproject	-
o	Uruguay	6 subprojects	70 "
	Total	20	789 "

11. In total, then, UNDP has cumulatively completed/commissioned 41 ODS investment phaseout projects which have eliminated a total of 2,045 ODP tonnes. Of these 41 operationally completed or commissioned investment projects/subprojects, 3 are in China, 11 are in Egypt, 1 is in India, 17 are in Malaysia, 1 is in Mexico, 1 is in the Philippines, 1 is in Thailand and 6 are in Uruguay.

Revised Project Database System

12. UNDP/MPU has fully switched to the EXCEL software programme, as recommended by the Fund Secretariat, to ensure full consistency between agency submissions and Secretariat compilation and review of all project and programme data. The reports prepared for this meeting reflect UNDP's full utilization of this system.

Interest Income

13. Interest income earned under UNDP's Montreal Protocol Trust Fund during 1991-94 amounting to \$2,285,960 was credited against UNDP project approvals at the 17th Executive Committee Meeting in July 1995. Interest income earned under UNDP's Montreal Protocol Trust Fund in 1995 will be known in early April 1996 and will be available for credit against UNDP project approvals at the 19th Executive Committee Meeting.

Ability to Receive Promissory Notes

14. The Executive Committee, at its 18th Meeting, had requested the Fund Treasurer to formally ascertain the ability of UNDP to accept promissory notes as committable resources. The Fund Treasurer sent faxes to the UNDP Treasurer on 1 February and 22 February 1996 on this matter. In his response dated 5 March 1996, the UNDP Treasurer agreed in principle to the use of the promissory note modality as "committable" resources, provided that the notes are not revocable by the issuer without the consent of the beneficiary of the note. If UNDP were to formally agree to the use of promissory notes, the UNDP Treasurer stated that he would prefer the UNEP recommended modality whereby UNEP enters into a bilateral undertaking with UNDP to hold and encash specific promissory notes on UNDP's behalf. UNDP understands that such notes could be held by UNEP on UNDP's behalf and would actually be in UNDP's name, with UNEP acting as UNDP's "custodian" for the notes.
15. The UNDP Treasurer requested the Fund Treasurer to provide him with a draft bilateral agreement to reflect the above, and stated that in the interim he would discuss operational and accounting issues with the pertinent UNDP Divisions involved.

COUNTRY DEVELOPMENTS: SELECTED HIGHLIGHTS

ARGENTINA

The 18th ExCom Meeting approved 8 projects for UNDP implementation amounting to \$3.35 million that will eliminate 570 ODP tonnes. They comprise 7 foam projects and one refrigeration project. These approvals tripled UNDP's existing MP work programme in Argentina, from \$1.6 million in August 1995 to \$5.0 million at present. A commercial refrigeration project has been submitted to the 19th ExCom Meeting. Several Argentinean company representatives are participating in a technology assessment visit (at their own cost) to evaluate the liquid carbon dioxide LCD (Cardio) technology.

BANGLADESH

Discussions initiated for the formulation of a national CFC recovery and recycling programme. Due to the prevailing political situation in the country, there was little progress in the overall MP work programme during the reporting period.

BRAZIL

Brazil received approval for 5 projects amounting to \$0.9 million at the 18th ExCom Meeting. Three projects amounting to \$0.74 million were approved but await funding at the 19th ExCom Meeting, at which UNDP is submitting two additional projects for approval. UNDP developed a comprehensive multi-year conversion programme at a large producer of domestic refrigerators in Brazil. This approach of spreading out a large cost-effective ODS phaseout company programme over several years suits the company which will proceed production-line by production-line, and should help both the ExCom and implementing agencies prepare/approve large projects over a longer time period, thereby allowing midsize/smaller companies a funding opportunity and adding a measure of stability and continuity to agency future work programmes.

CENTRAL AFRICAN REPUBLIC

Following approval of a project preparation request at the 18th ExCom Meeting, a visit by UNDP/MPU staff and a consultant during mid-February 1996 resulted in a flexible foam project being formulated with the assistance of a national consultant and has been submitted to the 19th ExCom Meeting for approval.

CHINA

The 18th ExCom Meeting in November 1995 approved 3 projects which will eliminate 284 ODP tonnes with a combined budget of \$0.72 million. In addition, 7 projects amounting to \$6.6 million were approved but await funding at the 19th ExCom Meeting. A workshop on CO2 blend technology for the polystyrene foam subsector, organized by NEPA and NCLI, was held during 7-8 Dec. 1995 in Beijing; UNDP staff participated actively, particularly on policy and safety issues. Discussions were held with NEPA on future UNDP work programme priorities. The UNDP programme is progressing satisfactorily, with NEPA making a strong effort to complete by end-1996 all projects approved in 1993/1994. The overall project management performance of NEPA staff has improved; however, there is a continuing need for training in the areas of MLF policy and financial management. During a subsequent joint UNDP-NEPA staff visit to enterprises, these needs became more transparent. Another concern of NEPA and UNDP is the financial capacity of recipient enterprises to partially absorb some of the project cost. The joint Denmark/China/UNDP CFC recycling project is progressing though somewhat slowly. There were several project formulation/implementation visits to China between Dec. 1995 and Feb. 1996. A joint UNDP/NEPA Programme Review exercise is scheduled for 16-21 May 1996 in Beijing to discuss overall programme results, future priorities, and issues that require further action.

COLOMBIA

The 18th ExCom Meeting approved one new project in the domestic refrigeration sector. A commercial refrigeration project has been submitted for approval at the 19th ExCom Meeting. Several of the previous difficulties encountered in project implementation have been resolved.

CONGO

Following approval of a project preparation request at the 18th ExCom Meeting, a UNDP/MPU staff and a consultant visited in mid-February 1996. A national consultant is completing a survey of CFC import usage that will form the basis of a refrigerant recovery/recycling project being formulated for approval at a future ExCom Meeting.

COSTA RICA

The 18th ExCom Meeting approved a domestic refrigeration sector project amounting to \$375,000 that will eliminate 27 ODP tonnes. UNDP is requesting the Government to consolidate some old activities into more essential areas.

CUBA

The national refrigeration sector programme is proceeding well with 85% of the funding already disbursed. The institutional strengthening project is also proceeding quite effectively.

DOMINICAN REPUBLIC

The 18th ExCom Meeting approved a small demonstration project in commercial refrigeration covering food storage, distribution and retailing to be implemented together with a USEPA small bilateral project in the same area.

EGYPT

The 18th ExCom Meeting approved 3 projects amounting to \$1.04 million. The November 1995 joint UNDP/UNOPS project commissioning and programme review visit discussed with EEAA the remaining CFC phaseout activities in the foam and commercial refrigeration sectors. A preliminary CP update information note has been compiled, with a list of the remaining enterprises. During the visit, four projects in the foam sector were commissioned and a total of 367 metric tonnes of CFCs were eliminated. One other project (20 tonnes ODP) was declared substantially completed with minor works remaining and commissioning will take place during second quarter 1996 during the process consultant's next implementation visit. UNDP staff gave three television interviews - two live, one taped - to contribute to and facilitate the Government's campaign to increase public awareness on the importance of the national ODS phaseout programme.

GHANA

The Ghana institutional strengthening project is ongoing and the Ozone Office is actively supervising implementation of the approved country programme. The three committees being supported include the National Committee on Ozone Depleting Substances, the National Committee on Improved Refrigeration Practices, and the National Committee on Improved Flexible Foam Practices. A 6-month renewal of the IS project is being requested at the 19th ExCom Meeting.

GUATEMALA

A national project for recovery/recycling of refrigerant (\$256,780) was approved at the 18th ExCom Meeting. Discussions are underway on project implementation.

INDIA

Six foam projects, amounting to \$1.52 million, were approved but not funded at the 18th ExCom Meeting and await funding at the 19th ExCom Meeting, at which UNDP is submitting an additional 7 foam sector projects for approval. Implementation of the five approved foam investment projects is progressing. On 21 December 1995, India commissioned its first MP investment project to be completed with Multilateral Fund financing which eliminated 120 ODP tonnes of CFC-11/12 at Camphor & Allied. The remaining four projects should be completed by end-1996, with a second project to be commissioned in late May. At two national MP-related meetings organized by the

Government in February 1996, UNDP representatives held discussions with the Government on plans to provide assistance to SMEs. An umbrella project for SMEs in the rigid foam (thermoware) subsector has been formulated and submitted to the 19th ExCom Meeting for review in conjunction with a broader SME policy paper.

INDONESIA

The 18th ExCom Meeting approved a project to eliminate 27 tonnes of CFCs in the manufacture of rigid foam for coolers and thermoware (\$173,000). The Government has finally agreed to the implementation modality for the two approved foam projects so that project documents can be signed and project implementation can start.

JAMAICA

A national project for recovery/recycling of refrigerant (\$172,465) was approved at the 18th ExCom Meeting. Discussions are underway on project implementation.

KENYA

The Ozone Office under the Institutional Strengthening project is now fully operational and undertaking various activities including project coordination, programme monitoring and public awareness.

MALAWI

Following approval of a project preparation request at the 18th ExCom Meeting, a visit by a UNDP consultant in January 1996 resulted in the formulation of a national refrigerant recovery/recycling project that has been submitted to the 19th ExCom Meeting for approval.

MALAYSIA

The 18th ExCom Meeting in November 1995 approved 10 new projects in the aerosols, foams, halons and refrigeration sectors amounting to \$1.9 million. Six more projects were commissioned over the reporting period, phasing out an additional 193 ODP tonnes. The technical assistance programme in the aerosols sector was also completed with a second national aerosols workshop held in Kuala Lumpur during 2-3 November 1995 at which 40 enterprises actively participated and were urged by the Government to switch away from CFCs since their CFC-import licenses would not be renewed. An umbrella project covering the remaining small and medium size aerosol fillers has been formulated and submitted to the 19th ExCom Meeting for review. A second project implementation visit took place in early February 1996.

MAURITIUS

Equipment for the two domestic refrigeration projects should be delivered in April 1996. Expert visits are being scheduled to assist in equipment testing and product formulation trials. The target is to have the projects commissioned by the end-1996. The project document for the national CFC recovery/recycling programme is awaiting signature by the Government.

MEXICO

Three projects (2 foam, 1 refrigeration) amounting to \$0.65 million were approved at the 18th ExCom Meeting. One large foam project (\$507,500) was approved but awaits funding at the 19th ExCom Meeting at which UNDP is submitting an additional foam project (\$430,000). A draft foam sector strategy was completed. The

COMASA compressor subproject of the MABE Group domestic refrigeration project was commissioned in November 1995. A 6-month extension of the institutional strengthening project is being requested at the 19th ExCom Meeting.

MOROCCO

Following a visit by UNDP/MPU staff in February 1996, the Government sent UNDP a formal written request dated 28 February 1996 for project preparation in the foams sector and for SMEs in the aerosols, solvents and commercial refrigeration sectors. The draft country programme also explicitly states the Government's intention to use UNDP in these sectors. The request has been submitted to the 19th ExCom Meeting for approval on the proviso that the Morocco CP is also approved at that Meeting.

NIGERIA

UNDP/MPU staff and UNDP's senior foam expert will visit Nigeria in first-half April 1996 and, working with a national consultant, will formulate projects in the foam sector.

PANAMA

A national project for recovery/recycling of refrigerant (\$172,465) was approved at the 18th ExCom Meeting. Discussions are underway on project implementation.

PERU

Due to the efficient collaboration of the Oficina Tecnica de Ozono (OTO), which is the ozone focal point in Peru, UNDP's consultants finalized formulation of four projects in the commercial refrigeration manufacturing sector and one project for a national recovery/recycling programme. These projects, amounting in total to \$982,500, are being presented at the 19th ExCom Meeting for approval.

PHILIPPINES

The 18th ExCom Meeting approved three projects, one each in foams, halons and domestic refrigeration totalling \$0.88 million. One project (\$101,000) was approved but awaits funding at the 19th ExCom Meeting at which two additional umbrella projects (commercial refrigeration, solvents) amounting to \$1.1 million will be considered. A project formulation visit during 13-22 January 1996 included: (a) a mini-workshop on solvents on 20th January which led to the identification of about 20 SMEs still using CFCs and TCA in the production of custom formulated solvents and cleaning chemicals; an umbrella pilot project has been submitted for consideration at the 19th ExCom Meeting. (b) a refrigeration workshop held on 22 January 1996 attended by 32 participants from refrigeration manufacturing companies, appliance servicing companies, etc., which resulted in two project proposals being formulated, the first with an ODP of 32.84 MT/yr has been submitted to the 19th ExCom Meeting and the second with an ODP of 372.7 MT/yr for future consideration.

SRI LANKA

The 18th ExCom Meeting approved an aerosols project for UNDP implementation. Programme implementation is progressing smoothly with expert visits scheduled to assist the three recipient domestic refrigeration companies in testing and trials. The refrigeration servicing sector survey has been completed and a proposal for a national CFC recovery and recycling programme has been drafted by the Ozone Unit. An expert visit is scheduled in late-May 1996 to help finalize the proposal.

THAILAND

The 18th ExCom Meeting approved a foam project (\$430,000). Another foam project is being submitted to the 19th ExCom Meeting. Two implementation visits took place to speed up the programme and to discuss sectoral activities with the Government. A national aerosol workshop is scheduled for 27-28 March 1996 in Bangkok under the aerosol technical assistance programme and will focus on available replacement technology, safety and MLF policies. With the agreement of the Government and in the spirit of regional cooperation, six representatives from Viet Nam (Ozone Unit staff and the three aerosol recipient companies) will also attend this workshop.

TRINIDAD & TOBAGO

The Country Programme was finalized in 3Q1995 and was to have been submitted to the 18th ExCom Meeting for approval. It is still with the Government awaiting formal transmission to the Fund Secretariat. The Government informed the Fund Secretariat by fax on 13 March 1996 that the CP is being revised, identifying the new Environmental Management Authority as the focal agency for the Montreal Protocol. It will now be submitted for approval at the 20th ExCom Meeting.

UGANDA

Following approval of a project preparation request at the 18th ExCom Meeting, a visit by a UNDP consultant in January 1996 resulted in formulation of a national refrigerant recovery/recycling project submitted to the 19th ExCom Meeting for approval.

URUGUAY

The 18th ExCom Meeting approved an aerosols technical assistance programme and two small halon fire extinguishing projects. For the rigid spray foam umbrella project comprising seven companies, six have completed their CFC phaseout successfully (Thermopur, Aislaciones del Uruguay, Metalizadora del Uruguay, Kubal, Eraton and Kalisay) and 70 of the total 71 ODP tonnes have been eliminated. The last company is presently testing the chemical formulations and should start trial production within the next few weeks. Once finalized, the complete project will have ended. A 6-month extension of the institutional strengthening project is being requested.

VENEZUELA

Three refrigeration sector projects amounting to \$1.87 million were approved at the 18th ExCom Meeting in November 1995. With the excellent cooperation of FONDOIN and one national consultant, UNDP finalized three project proposals in the commercial refrigeration sector which have been submitted to the 19th ExCom Meeting for approval. Further preparatory assistance will now concentrate on the foam and solvents sector, as per the request of the Government. A 6-month extension of the institutional strengthening project is being requested.

VIET NAM

The 18th ExCom Meeting approved two aerosols projects amounting to \$0.4 million. The Ozone Coordinator attended the 1995 International CFC and Halon Alternatives Conference in October 1995 in Washington D.C. and then visited UNDP in New York. The two recently approved aerosol projects are under implementation. To facilitate the technology conversion process in the three recipient aerosol companies, a Vietnamese delegation will take part in the Thailand national aerosol workshop in order to exchange views with their Thai counterparts and UNDP consultants on CFC-free technology,

their experience with handling of hazardous and flammable hydrocarbons, aerosol formulations etc. A UNDP visit is scheduled for end-May 1996 to discuss remaining ODS phaseout activities in the aerosol and refrigeration (servicing) sectors.

ZAMBIA

Following approval of a project preparation request at the 18th ExCom Meeting, a visit by a UNDP consultant in January 1996 resulted in formulation of a national refrigerant recovery/recycling project submitted to the 19th ExCom Meeting for approval.

GLOBAL/REGIONAL PROJECTS: HIGHLIGHTS

GLOBAL HALONS PROJECT

After consultation with USEPA, it was agreed that the remaining funds under this project will be used to assist low-consuming countries by way of a workshop on halons recovery/recycling and halon banking. This Workshop will be held in conjunction with Regional UNEP ODSNET meetings in order to cut travel costs.

GLOBAL MAC PROJECT

Activities have been completed. Please refer to the previous section on the results of this completed project. Activities under Global MAC: Phase 2 will now start.

REGIONAL MAC PROJECT

A joint UNDP/USEPA training workshop on equipment provided through the project was held in Buenos Aires, Argentina, during 30 Jan - 3 Feb 1996 and had 61 participants from Argentina and Uruguay. This will accelerate the use of the recovery/recycling machines and facilitate ODP phaseout in the coming months.

MEETINGS ATTENDED AND INTERAGENCY COOPERATION

- o) UNDP/MPU staff (Mr. Pinto) and UNDP expert, Mr. Clinton Norris, represent UNDP and made presentations at the 1995 International CFC & Halons Alternatives Conference held in Washington D.C. during 23-25 October 1995.
- o) UNDP was represented (Mr. Clinton Norris) at the World Bank OORG Meeting held in Washington DC on 26 October 1995.
- o) A visiting Chinese Montreal Protocol Operations team from NEPA and NCLI/Plastics Office were accompanied on a plant visit to assess CO2 blend technology for use in extruded polystyrene foams in New Jersey on 26 October 1995, following which they had discussions with UNDP/MPU and UNOPS staff in New York during 27-30 October 1995.
- o) A German trade delegation visited UNOPS in November 1995 for discussions on the contracts available under environmental projects, and among the topics discussed were potential contracts available under UNOPS execution of UNDP MP projects.
- o) Messrs. Yang Lirong and Hong Yun of NEPA/China received two weeks training during 1-15 November 1995 at UNDP/MPU and at UNOPS in overall project management, financial accounting procedures, and contracting modalities.

- o) Messrs. Yang Lirong and Hong Yun of NEPA/China and UNDP's national aerosols consultant in Malaysia (Mr. Kumarasamy), accompanied by Ms. Reno of UNDP/MPU, visited two aerosols manufacturing plants in New Jersey on 3 November 1995 to assess safety procedures consequent on use of HAPs as well as examine newly available all-in-one equipment.
- o) UNDP/MPU staff (Mr. van Engel) participated in and made a presentation at the joint UNDP/USEPA Latin America Regional MAC Workshop held in Santo Domingo, Dominican Republic, on 6th November, jointly organized by USEPA and UNDP; the workshop included participants from South and Central America.
- o) UNDP/MPU staff (Mr. van Engel) participated in and made presentations at the ODS Officers Meeting for Central America, organized by UNEP, also in Santo Domingo during 7-9 November 1995.
- o) A joint UNDP/UNOPS team (Mr. Pinto, Ms. Linda Cauvin, Mr. Bert Veenendaal) visited Egypt during 12-15 November 1995 in order to commission four UNDP-implemented foam sector projects, assist the Government in media awareness, and have meetings with EEAA counterparts. Mr. Pinto appeared on three television programmes (Nile TV, Egyptian Television, Good Morning Egypt) to facilitate the Government's media awareness effort.
- o) UNDP/MPU staff (Mr. Pinto, Ms. Reno, Mr. Van Engel) participated at the Project Review Subcommittee Meeting (20-21 Nov. 1995) and at the 18th ExCom Meeting (22-24 Nov. 1995) in Vienna. UNOPS representatives (Mr. Ingolf Schuetz-Mueller, Ms. Linda Cauvin and Ms. Dionyssia Geka-Solomos) also participated at the 18th ExCom Meeting.
- o) The UNDP delegation to the 10th Anniversary Celebration of the Vienna Convention (4 Dec. 1995, Vienna) and to the 7th Meeting of the Parties to the Montreal Protocol (5-7 Dec. 1995, Vienna) was led by Mr. Anders Wijkman, Assistant Administrator and Director, Bureau for Policy and Programme Support, UNDP, New York. He addressed the Meeting on 5th December afternoon. The other members of the UNDP delegation were Mr. Frank Pinto, Ms. Cecilia Corpus and Mr. Jessie Reyes.
- o) The UNOPS delegation to the 10th Anniversary Celebration of the Vienna Convention (4 Dec. 1995, Vienna) and to the 7th Meeting of the Parties to the Montreal Protocol (5-7 Dec. 1995, Vienna) was led by Mr. Reinhart Helmke, Assistant Secretary General and Executive Director, United Nations Office for Project Services, New York. He addressed the Meeting on 5th December afternoon. The other members of the UNOPS delegation were Mr. Ingolf Schuetz-Mueller, Ms. Inge Huls and Ms. Dionyssia Geka-Solomos.
- o) UNDP/MPU staff (Ms. Reno) participated at the CO2 blend technology workshop in Beijing during 7-8 December 1995, organized by NCLI and NEPA, to assess the technical, financial and safety aspects of this potential replacement technology for extruded polystyrene foams.
- o) UNDP/MPU staff (Mr. van Engel) participated in a panel discussion on ozone layer protection, organized by the World Resources Institute in Washington D.C. (4 Jan. 1996).
- o) USEPA staff (Messrs. Gary McNeil, Jeffrey Wells, David Antonioli) visited UNDP/MPU and UNOPS on 25 January 1996 for discussions on the several cooperative efforts currently underway in the halons and MAC sectors.

- o) An Australian trade delegation visited UNDP/MPU on 23 February 1996 for discussions on the UNDP MP work programme and potential cooperation with Australian companies.
- o) Mr. Pinto briefed UNDP Administrator, Mr. James Gustave Speth, on UNDP's Montreal Protocol work programme on 26 February 1996 at 1:00 pm.
- o) UNDP/MPU staff (Mr. Pinto) met with French Government officials and with French experts and industry representatives during 12-13 February 1996 in Paris to facilitate greater use of French expertise and equipment in UNDP MP operations.
- o) UNDP/MPU staff (Mr. Pinto) represented UNDP at the UNEP Informal Advisory Group Meeting during 14-16 February 1996 in Paris and used the opportunity for bilateral meetings with UNEP and other agencies and with the Fund Secretariat.
- o) UNDP/MPU staff (Mr. Pinto) was interviewed by Messrs. Lambert Kuijpers and Robert van Slooten of TEAP in Paris during 14-15 February 1996 to solicit UNDP's view on the 1997-99 replenishment of the Multilateral Fund, as part of their mandate under Decision VII/24 of the 7th Meeting of the Parties requesting TEAP to prepare such a report.
- o) UNDP/MPU staff (Mr. Pinto) had a working lunch on 7 March 1996 at the UN/New York with Mr. Jorgen Hartnack, Danish Representative on the Executive Committee, and with Mrs. Jacqueline Aloisi de Larderel, Director, IE/UNEP, Paris.
- o) UNDP/MPU staff (Mr. Pinto) represented UNDP at the 13th Meeting of the Implementation Committee of the Montreal Protocol during 18-19 March 1996 in Geneva. He also had discussions with members of the Ozone Research managers Meeting that overlapped partly with this Meeting.
- o) UNDP has organized a technology assessment visit in Europe to take place in late-March 1996 to investigate newly emerging technologies in the foam sector, including Liquid Carbon Dioxide (LCD) technology, often referred to as "Cardio" technology. Participants include representatives of Argentine, Chinese, Indonesian and Malaysian foam enterprises interested in using this technology, as well as representatives from the Multilateral Fund, UNIDO and the World Bank. UNDP/MPU is being represented by Mr. van Engel.
- o) An Austrian trade delegation will visit UNOPS on 10 April 1996 for discussions on contracts available under environmental projects, and among the topics discussed will be potential contracts available under UNOPS execution of UNDP MP projects.
- o) UNDP/MPU staff will attend the coordination meeting between the Fund Secretariat and Implementing Agencies to be held during 18-19 April 1996 in Montreal.
- o) UNDP/MPU staff (Mr. van Engel) will participate in the ODS Network Meeting for South-American Countries, organized by UNEP, to be held in Bogota, Colombia, during 22-26 April 1996.
- o) UNDP/MPU staff (Mr. Pinto, Ms. Reno) will visit China during 15-21 May 1996 for a joint UNDP/NEPA evaluation of the overall UNDP MP work programme. Following that review, Mr. Pinto will represent UNDP and participate at the UNEP/NEPA National Training Workshop on Safety Aspects of CFC Substitution (22-24 May 1996, Hangzhou).

UNDP AND UNOPS STAFF WORKING ON THE MONTREAL PROTOCOL

UNDP

The MP coordinating and management unit within UNDP is the Montreal Protocol Unit, located in the Energy and Atmosphere Programme of the Sustainable Energy and Environment Division (SEED). The Director of the Energy and Atmosphere Programme is Dr. Thomas B. Johansson (Sweden). The staff in the Montreal Protocol Unit (MPU) comprise:

- o Mr. Frank Pinto (India), Principal Technical Adviser, and Chief, MPU.
- o Ms. Laurence Reno (Mauritius), Regional Programme Officer, MPU, covering Asia/Pacific, Egypt and Mauritius.
- o Mr. Jacques Van Engel (Belgium), Regional Programme Officer, MPU, covers Latin America/Caribbean, partial Middle East, French-speaking Africa, Ethiopia, Ghana and Nigeria.
- o Ms. Cecilia Corpus (Philippines), Principal Prog/Admin Assistant, MPU, covers administrative/financial matters and also covers the Philippines, English-speaking East Africa, partial Middle East, and the global halons and global MAC projects.
- o Mr. Pax Politika Prakarsa (Indonesia), Junior Consultant, Computer systems design

UNOPS

The principal executing agency for UNDP in the implementation of its projects under the Montreal Protocol is the United Nations Office for Project Services (UNOPS). Staff dealing with Montreal Protocol matters include:

- o Mr. Ingolf Schuetz-Mueller (Austria), Chief, Environmental Programmes Division (EPD)
- o Ms. Linda Cauvin (France), Project Management Officer, EPD
- o Ms. Inge Huls (Netherlands), Project Management Officer, EPD
- o Ms. Dionyssia Geka-Solomos (Greece), Project Management Officer, EPD
- o Ms. Maria Hemsey (Argentina), Programme Implementation Assistant
- o Ms. Nahid Choudhury (Bangladesh), Programme Assistant
- o Ms. Claire Adrien (Haiti), Programme Assistant
- o Ms. Jill Nichols (U.K.), Programme Assistant

UNDP COUNTRY OFFICES

Several UNDP Country Offices have strengthened their capabilities to assist UNDP and other implementing agencies in national project and programme implementation. For non-UNOPS executed projects, UNDP Country Offices coordinate implementation arrangements directly with the Government. In other cases they work closely with UNOPS.

UNDP SECTOR EXPERTS/CONSULTANTS

UNDP has several senior sector specialists on retainer expert contracts who are responsible for the design, technical implementation and monitoring of UNDP projects in their respective fields of specialization. Around 20 other international experts, in all sectors, have also been utilized as consultants, particularly in project preparation and implementation. UNDP has also utilized and continues to utilize several national experts on a part-time basis including those from Argentina, Brazil, Central African Republic, China, Congo, Egypt, India, Malawi, Malaysia, Mexico, Nigeria, the Philippines, Tanzania, Thailand, Uganda, Venezuela and Zambia.

UNDP WORK PROGRAMME UNDER THE MONTREAL PROTOCOL

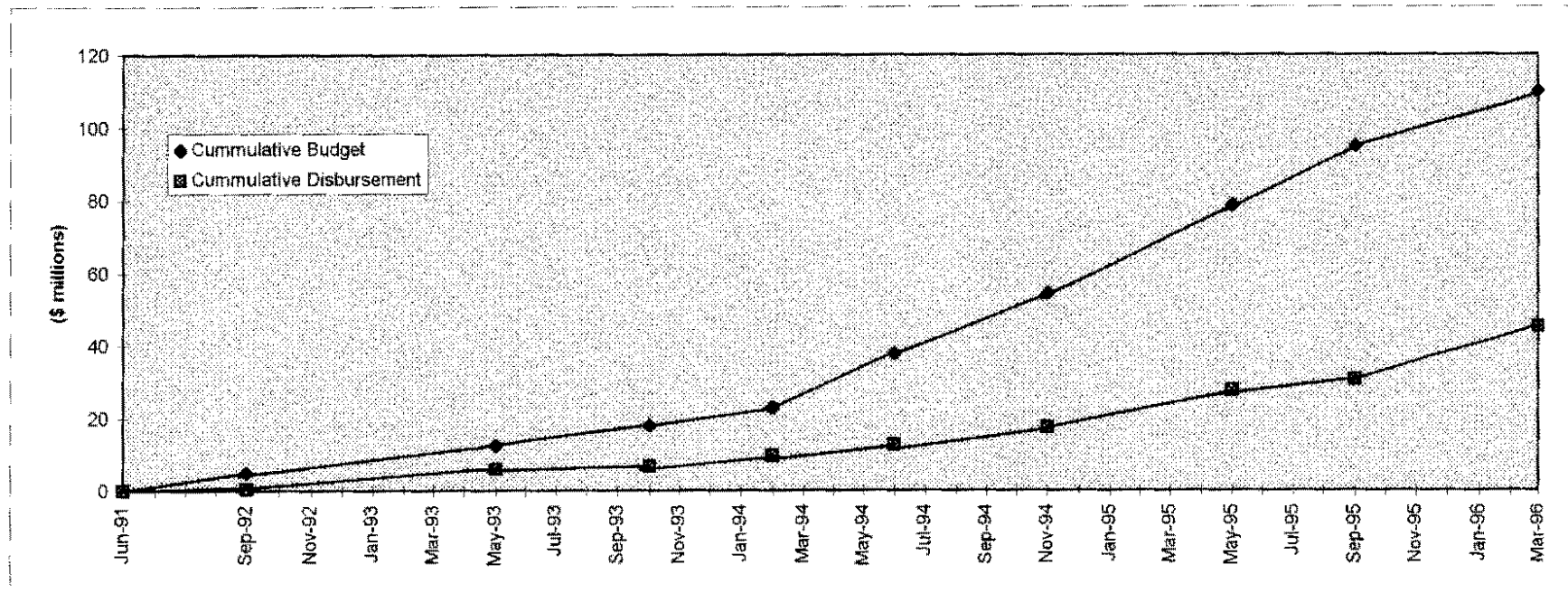
FINANCIAL SUMMARY (as of 15 March 1996)

COUNTRY/ REGION	FUND ALLOCATIONS	DISBURSEMENTS/ OBLIGATIONS	REMAINING BALANCE
ARGENTINA	5,015,000	925,442	4,089,558
BANGLADESH	586,770	86,850	499,920
BOLIVIA	20,000	0	20,000
BRAZIL	2,650,899	482,772	2,168,127
CENT.AFR.REP.	15,000	9,000	6,000
CHILE	25,000	25,000	0
CHINA	25,721,793	5,647,636	20,074,157
COLOMBIA	8,613,325	4,500,085	4,113,240
CONGO	25,000	9,000	16,000
COSTA RICA	814,731	245,859	568,872
CUBA	386,000	254,264	131,736
DOMINICAN REP.	93,000	0	93,000
ECUADOR	140,000	140,000	0
EGYPT	11,786,141	5,981,462	5,804,679
ETHIOPIA	30,000	0	30,000
GHANA	923,200	484,000	439,200
GUATEMALA	636,924	211,363	425,561
INDIA	3,232,439	1,859,492	1,372,947
INDONESIA	1,080,780	499,176	581,604
IRAN	283,485	154,960	128,525
JAMAICA	202,465	24,509	177,956
JORDAN	41,000	41,000	0
KENYA	207,582	103,132	104,450
MALAWI	19,500	5,867	13,633
MALAYSIA	12,883,966	7,550,199	5,333,767
MAURITIUS	674,208	285,100	389,108
MEXICO	9,349,962	4,944,250	4,405,712
NIGERIA	376,449	162,623	213,826
PAKISTAN	259,000	0	259,000
PANAMA	367,465	75,560	291,905
PERU	2,532,651	816,222	1,716,429
PHILIPPINES	4,610,989	1,477,258	3,133,731
SRI LANKA	1,032,586	429,961	602,625
TANZANIA	47,000	16,413	30,587
THAILAND	6,185,906	3,381,516	2,804,390
TRINIDAD/TOBAGO	80,102	80,102	0
UGANDA	17,500	16,183	1,317
URUGUAY	1,399,661	1,065,703	333,958
VENEZUELA	3,794,784	869,546	2,925,238
VIETNAM	733,890	233,106	500,784
ZAMBIA	25,000	20,000	5,000
SUBTOTAL (A)	106,921,153	43,114,611	63,806,542
REGIONAL	792,455	511,055	281,400
GLOBAL	2,318,816	1,519,108	799,708
SUBTOTAL (B)	3,111,271	2,030,163	1,081,108
GRAND TOTAL	110,032,424	45,144,774	64,887,650

Figure 1

UNDP MONTREAL PROTOCOL PROGRAMME
UNDER THE MULTILATERAL FUND

Cummulative Budgets and Disbursements (\$ millions)

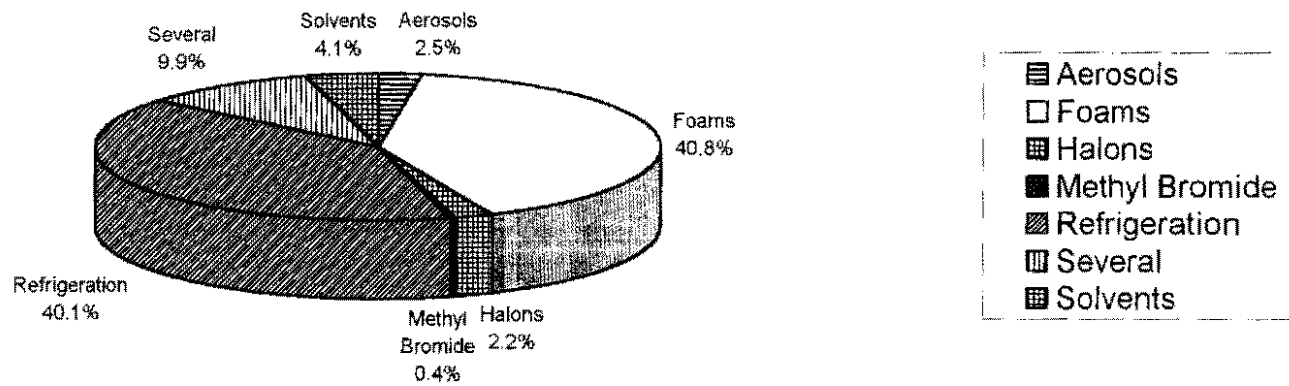


	Cummulative Budget	Cummulative Disbursement
Jun-91	0.54	0.00
Sep-92	4.96	0.50
May-93	12.37	5.91
Oct-93	18.06	6.77
Feb-94	22.71	9.57
Jun-94	37.76	12.56
Nov-94	54.33	17.31
May-95	78.52	27.51
Sep-95	94.87	30.53
Mar-96	110.03	45.14

Figure 2

UNDP MONTREAL PROTOCOL PROGRAMME
UNDER THE MULTILATERAL FUND

Sectoral Shares as of March 1996 (percent)

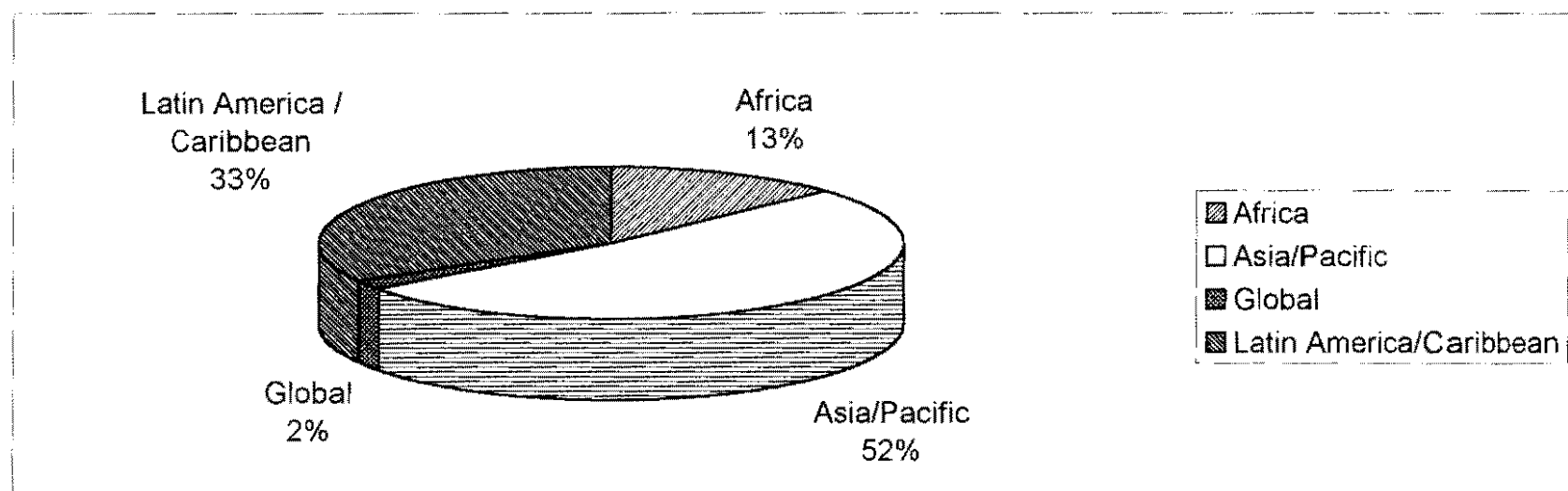


SECTOR	(\$ millions)	Percent
Aerosols	2.75	2.50
Foams	44.95	40.80
Halons	2.37	2.20
Methyl Bromide	0.43	0.40
Refrigeration	44.08	40.10
Several	10.95	9.90
Solvents	4.50	4.10
TOTAL	110.03	100.00

Figure 3

UNDP MONTREAL PROTOCOL PROGRAMME
UNDER THE MULTILATERAL FUND

Regional Shares as of March 1996 (percent)



REGION	(\$ millions)	Percent
Africa	14.27	13
Asia/Pacific	56.84	52
Global	2.38	2
Latin America/Caribbean	36.55	33
TOTAL	110.03	100

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Final Disb Date	Reviewed Date Implemented
UNDP	ARG	SEV	04	TAS	001	LAC	Technical assistance for CP preparation	0	Jun-91		Dec-94	Dec-94
UNDP	ARG	SEV	14	FRP	012	LAC	Project preparation assistance	0	Sep-94		Sep-95	Jun-95
UNDP	BGD	SEV	04	TAS	001	ASP	ODS reconnaissance survey and training	0	Jun-91		Jul-95	Jun-93
UNDP	BGD	SEV	06	CPG	002	ASP	Country programme preparation	0	Feb-92			Jul-94
UNDP	BRA	REF	06	DEM	004	LAC	Demonstration programme for analysis of refrigerant CFC reuse technologies & processes	0	Feb-92		Dec-92	Dec-94
UNDP	BRA	SEV	11	FRP	012	LAC	Project preparation assistance	0	Nov-93			Jun-95
UNDP	BRA	SEV	17	FRP	022	LAC	Project preparation assistance	0	Jul-95			Jan-96
UNDP	CHI	REF	06	DEM	002	LAC	Demonstration programme for technicians in refrigerator servicing	0	Feb-92		Dec-93	Sep-93
UNDP	CPR	FOA	06	TAS	007	ASP	Quality control testing on CFC-11 substitute technology in a production line for home refrigerators	0	Feb-92		Jul-95	Sep-93
UNDP	CPR	FOA	06	TAS	013	ASP	Technical Assistance for CFC-11 substitute technology in rigid polyurethane foam	0	Feb-92			Sep-93
UNDP	CPR	FOA	10	INV	032*	ASP	Tianjin conversion to CFC-free technology in the manufacture of flexible polyurethane foam	160	Jun-93			Jun-95
UNDP	CPR	FOA	13	INV	067	ASP	YANGFENG conversion to non-CFC technology in the manufacture of flexible and integral skin PUF (demo)	0	Jul-94			00-00
UNDP	CPR	HAL	06	TAS	009	ASP	Technical study on halons usage and applications of halons substitutes	0	Feb-92		Jul-95	Jun-93
UNDP	CPR	REF	06	TAS	004	ASP	Feasibility study on the application of HFC-134a technology in MACs and CFC recycling	0	Feb-92		Jul-95	Dec-93
UNDP	CPR	REF	06	TRA	005	ASP	Evaluation on the use of reduced ODS and ODS-free technologies in the manufacture of refrigerators	0	Feb-92			Sep-93
UNDP	CPR	REF	09	TAS	027	ASP	Testing for applications of CFC substitute chemicals in the refrigeration sector in Southern China	0	Mar-93			Dec-95
UNDP	CPR	SEV	06	CPG	011	ASP	Country programme preparation	0	Feb-92			Mar-93

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Savings or Deficit	Fee for Agency	Remarks
25,000	0	25,000	1.00	0	3,250	Completed
70,000	0	70,000	1.00	0	9,100	Completed
55,000	(1,150)	53,850	0.98	(1,150)	7,150	Completed
25,000	0	25,000	1.00	0	3,250	Completed
25,000	0	25,000	1.00	0	3,250	Completed
100,000	0	100,000	1.00	0	13,000	Completed
75,000	0	75,085	1.00	85	9,750	Completed. Contracts with local consultants (coordinator, foams, solvents, MAC) were extended. UNDP foam sector expert visit in Dec 95. Activities continue under BRA/ZEV/18/PRP/041
25,000	0	25,000	1.00	0	3,250	Completed
65,000	(4,981)	60,019	0.92	(4,981)	8,450	Completed
70,000	0	70,000	1.00	0	9,100	Completed
1,080,000	0	1,080,000	1.00	0	140,400	Completed
0	0	0	n/a	0	0	Completed. With the agreement of the enterprise and the Government, project was cancelled at the 17th ExCom Meeting.
40,000	3,345	43,345	1.08	3,345	5,200	Completed
40,000	(15,164)	24,836	0.62	(15,164)	5,200	Completed
75,000	0	75,000	1.00	0	9,750	Completed
100,000	0	100,000	1.00	0	13,000	Project completed. CFC substitutes procured and distributed to 12 refrigeration equipment manufacturers. Reports on applications testing received.
200,000	0	200,000	1.00	0	26,000	Completed

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Final Disb Date	Reviewed Date Implemented
UNDP	CPR	SEV	09	PRP	030	ASP	Project preparation assistance	0	Mar-93			Dec-94
UNDP	CPR	SEV	11	PRP	058	ASP	Project preparation assistance	0	Nov-93			Dec-94
UNDP	CPR	SEV	15	PRP	106	ASP	Project preparation assistance	0	Dec-94			Jun-95
UNDP	CPR	SEV	17	PRP	128	ASP	Project preparation assistance	0	Jul-95			Mar-96
UNDP	CPR	SOL	06	TAS	008	ASP	Prefeasibility study to phaseoutCFC-113 in electronics cleaning in four production lines	0	Feb-92		Jul-95	Mar-93
UNDP	COL	SEV	12	PRP	003	LAC	Project preparation assistance	0	Mar-94		Jun-95	Jun-95
UNDP	COL	SEV	17	PRP	013	LAC	Project preparation assistance	0	Jul-95			Mar-96
UNDP	COS	SEV	04	TAS	001	LAC	ODS reconnaissance study	0	Jun-91		Jul-95	Jun-92
UNDP	COS	SEV	06	CPG	002	LAC	Country programme preparation	0	Feb-92		Jul-95	Sep-92
UNDP	CUB	SEV	08	CPG	001	LAC	Country programme preparation	0	Oct-92		Jun-93	Jun-93
UNDP	ECU	SEV	06	TRA	003*	LAC	CFC refrigerant conversion and materials handling training programme	0	Feb-92		Jun-94	Jun-94
UNDP	EGY	FOA	08	INV	005	AFR	Phaseout CFC-11 in manufacture of flexible PUF at Misr Foam	121	Oct-92		Jul-95	Mar-94
UNDP	EGY	FOA	08	INV	006*	AFR	Phaseout CFC-11 in manufacture of molded, semi-rigid & rigid PUF at Taki-Vita Factory	50	Oct-92			Jun-95
UNDP	EGY	FOA	08	INV	007	AFR	Phaseout CFC-11 in manufacture of molded PUF at Technopol Co.	55	Oct-92		Jul-95	Jun-94
UNDP	EGY	FOA	09	INV	012	AFR	Phaseout CFC-11 in molded foam manufacturing at Misr Foam	28	Mar-93		Jul-95	Dec-93
UNDP	EGY	FOA	11	INV	018	AFR	Convert to CFC-11 free technology in manufacture of rigid PUF at Specialized Engg. Contracting Co. (SECC)	15	Nov-93			Sep-94
UNDP	EGY	FOA	11	PRP	021	AFR	Project Preparation Assistance (reallocated funds)	0	Nov-93			Dec-94
UNDP	EGY	REF	08	INV	009	AFR	Phaseout CFCs in refrigeration at Koldair Company	18	Oct-92		Jul-95	Mar-94
UNDP	EGY	SEV	04	TRA	002	AFR	Study tours for government and industry officials, and pre-feasibility studies	0	Jun-91		Jul-95	Jun-92
UNDP	EGY	SEV	06	PRP	004	AFR	Preparation of investment projects (project preparation assistance)	0	Feb-92		Jul-95	Sep-93

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur- sement	Savings or Deficit	Fee for Agency	Remarks
100,000	0	100,000	1.00	0	13,000	Completed
100,000	0	100,000	1.00	0	13,000	Completed
100,000	0	100,000	1.00	0	13,000	Completed
100,000	0	100,000	1.00	0	13,000	Completed. Projects in Dom.Ref. (3), solvent (6), XPE/XPS (3), foams (automotive trim - 4) were formulated in Jul-Aug 95. 2 dom.ref., 5 solvents and 3 foams projects were approved at 18th Excom, some are awaiting funding.
40,000	1,829	41,829	1.05	1,829	5,200	Completed
100,000	0	100,000	1.00	0	13,000	Completed
30,000	0	30,000	1.00	0	3,900	Completed. UNDP consultants in refrigeration, foam, and recovery/recycling of refrigerant helped prepare project, one was approved at 18th ExCom, one submitted to 19th ExCom
20,000	3,422	23,422	1.17	3,422	2,600	Completed
20,000	2,909	22,909	1.15	2,909	2,600	Completed
20,000	(5,000)	15,000	0.75	(5,000)	2,600	Completed
140,000	0	140,000	1.00	0	18,200	Completed
497,000	3,489	500,489	1.01	3,489	64,610	Completed
352,500	0	352,500	1.00	0	45,825	Completed
645,000	31,211	676,211	1.05	31,211	93,850	Completed
275,000	9,431	284,431	1.03	9,431	35,750	Completed
85,000	0	85,000	1.00	0	11,050	Completed
75,000	0	75,000	1.00	0	9,750	Completed
272,000	(21,979)	250,021	0.92	(21,979)	35,360	Completed
51,000	(6,910)	44,090	0.86	(6,910)	6,630	Completed
100,000	319	100,319	1.00	319	13,000	Completed

Agency	Country Code	Sector Code	Mty Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Final Disb Date	Reviewed Date Implemented
UNDP	GHA	FOA	08	TAS	003	AFR	Technical assistance for technology transfer for CFC-11 phaseout in flexible foam	0	Oct-92		Jun-95	Jun-95
UNDP	GHA	REF	04	TRA	002	AFR	Refrigeration training programme for servicing technicians	0	Jun-91		Dec-92	Dec-92
UNDP	GUA	SEV	11	PRP	005	LAC	Project preparation assistance	0	Nov-93		Jul-95	Jun-95
UNDP	IND	SEV	08	PRP	001	ASP	Project preparation assistance	0	Oct-92		Jul-95	Mar-94
UNDP	IND	SEV	09	CPG	003	ASP	Country programme preparation	0	Mar-93			Sep-93
UNDP	IDS	SEV	08	CPG	001	ASP	Country programme preparation	0	Oct-92			Dec-93
UNDP	IDS	SEV	11	PRP	006	ASP	Project preparation assistance	0	Nov-93			Dec-94
UNDP	IRA	SEV	04	TAS	001	ASP	ODS reconnaissance survey	0	Jun-91			Jun-92
UNDP	IRA	SEV	06	CPG	002	ASP	Country programme preparation	0	Feb-92			Jun-93
UNDP	IRA	SEV	08	PRP	005	ASP	Project preparation assistance	0	Oct-92			Mar-95
UNDP	JOR	ARS	04	TAS	001	ASP	Technical assistance and study in the aerosols sector	0	Jun-91			Mar-92
UNDP	JOR	ARS	06	TAS	004	ASP	Feasibility study: deodorization of local gas as a CFC substitute in cosmetics	0	Feb-92			Jun-93
UNDP	KEN	REF	10	TRA	004	AFR	Demonstration and training unit for maintenance and recharge of refrigeration and AC equipment	0	Jun-91			Dec-92
UNDP	KEN	SEV	06	CPG	002	AFR	Country programme preparation	0	Feb-92		Jul-95	Jun-94
UNDP	MAL	FOA	10	INV	011	ASP	Eliminate CFC-12 in manufacture of extruded polystyrene foam sheet at Jumaya Industries	150	Jun-93		Jul-95	Dec-93
UNDP	MAL	FOA	11	INV	015	ASP	Key Asset: Elimination of CFC-11 and methyl chloroform in the manufacture of integral skin PUF	50	Nov-93			Mar-95
UNDP	MAL	FOA	11	INV	017	ASP	Elimination of CFC-11 in the manufacture of integral skin PUF at Island Resources Company	30	Nov-93			Jun-94
UNDP	MAL	FOA	12	INV	024	ASP	Elimination of CFC-11 in the manufacture of integral skin, spoiler and moulded flexible foam at P.U. Tech	24	Mar-94			Jun-95
UNDP	MAL	FOA	12	INV	026	ASP	Pexafoam: Elimination of CFC-11 in the manufacture of flexible PUF (slabstock)	120	Mar-94			Mar-95
UNDP	MAL	FOA	12	INV	027	ASP	N.L.Y.: Elimination of CFC-11 in the manufacture of flexible PUF (slabstock).	55	Mar-94			Mar-95
UNDP	MAL	FOA	13	INV	044	ASP	Phoenix Base: Elimination of CFC-11 in the manufacture of flexible PUF	61	Jul-94		Jul-95	Jun-95

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur- sement	Savings or Deficit	Fee for Agency	Remarks
85,000	0	70,186	0.83	(14,814)	11,650	Completed
5,200	0	5,200	1.00	0	676	Completed
30,000	261	30,261	1.01	261	3,900	Completed
100,000	(81,661)	81,661	0.82	(18,339)	13,000	Completed
200,000	0	200,000	1.00	0	26,000	Completed
200,000	0	200,000	1.00	0	26,000	Completed
100,000	0	100,000	1.00	0	13,000	Completed
30,350	0	30,350	1.00	0	3,946	
35,000	0	35,000	1.00	0	4,550	Completed
17,935	0	17,935	1.00	0	2,332	Completed
29,000	0	29,000	1.00	0	3,770	Completed
12,000	0	12,000	1.00	0	1,560	Completed
9,850	2	9,852	1.00	2	1,281	Completed
25,000	(2,270)	22,730	0.91	(2,270)	3,250	Completed
235,811	62	235,873	1.00	62	30,655	Completed
690,000	0	690,000	1.00	0	89,700	Completed
230,000	0	230,000	1.00	0	29,900	Completed
198,000	0	183,000	0.92	(15,000)	25,740	Completed
195,000	0	195,000	1.00	0	25,350	Completed
130,000	0	130,000	1.00	0	16,900	Completed
165,000	22,500	187,500	1.14	22,500	21,450	Completed

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Final Disb Date	Reviewed Date Implemented
UNDP	MAL	REF	04	TRA	001	ASP	Training in MAC sector	0	Jun-91			Dec-95
UNDP	MAL	SEV	10	PRP	014	ASP	Project preparation assistance	0	Jun-93		Jul-95	Mar-94
UNDP	MAL	SEV	10	TRA	013	ASP	National ODS Conference (technical assistance)	0	Jun-93			Sep-93
UNDP	MAL	SEV	12	PRP	031	ASP	Project preparation assistance	0	Mar-94			Dec-94
UNDP	MAL	SOL	11	INV	018	ASP	Conversion of metal cleaning processes from TCA to non-ODS organic solvents at Ngai Cheong Metal Industries	2	Nov-93			Jun-95
UNDP	MAL	SOL	11	INV	019	ASP	Eliminate TCA in home appliance parts mfg. at Matsushita Electric Company (main plant)	1	Nov-93			Jun-94
UNDP	MAL	SOL	11	INV	020	ASP	Eliminate TCA use in home appliance parts mfg. at Matsushita Electric Co. (Port Klang plant)	1	Nov-93		Jul-95	Jun-95
UNDP	MAL	SOL	12	INV	028	ASP	Eliminate CFC-113 use in the integrated circuit lead frame cleaning processes at San Matech	0	Mar-94			--
UNDP	MAL	SOL	12	INV	035	ASP	Eliminate TCA use in automobile bumper cleaning at Perusahaan Otomobil Nasional Bhd (PROTON)	20	Mar-94			Jun-95
UNDP	MAR	REF	12	PRP	004	AFR	Project preparation assistance	0	Mar-94			Jun-95
UNDP	MEX	SEV	04	PRP	003	LAC	Preparation of terms of reference for investment projects identified in the CF	0	Jun-91		Jul-95	Jun-95
UNDP	MEX	SEV	11	PRP	022	LAC	Project preparation assistance	0	Nov-93		Dec-94	Dec-94
UNDP	MEX	SEV	14	PRP	029	LAC	Project preparation assistance	0	Sep-94		Dec-95	Dec-95
UNDP	NIR	SEV	04	TRA	001	AFR	National seminar on industry & protection of the ozone layer	0	Jun-91		Jul-95	Dec-92
UNDP	PAN	SEV	11	PRP	003	LAC	Project preparation assistance	0	Nov-93			Sep-95
UNDP	PER	SEV	13	PRP	002	LAC	Project preparation assistance	0	Jul-94			Sep-95

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Savings or Deficit	Fee for Agency	Remarks
50,000	0	50,000	1.00	0	6,500	Project completed. A national MAC workshop was conducted in April 95 and the proceedings prepared for dissemination. Technology assessment visits to USA conducted in Oct 95.
50,000	4,438	54,438	1.09	4,438	6,500	Completed
40,000	0	40,000	1.00	0	5,200	Completed
100,000	0	100,000	1.00	0	13,000	Completed
63,480	0	63,480	1.00	0	8,252	Completed
113,570	0	113,570	1.00	0	14,764	Completed
173,280	25,992	199,272	1.15	25,992	22,526	Completed
0	0	0	n/a	0	0	Completed. With the agreement of the enterprise and the Govt., this project was cancelled at the 17th ExCom Meeting and funds returned.
700,439	0	700,439	1.00	0	91,057	Completed
25,000	0	25,000	1.00	0	3,250	Completed
50,000	2,277	52,277	1.05	2,277	6,500	Completed
50,000	0	50,000	1.00	0	6,500	Completed
100,000	0	100,000	1.00	0	13,000	Completed. 4 projects amounting to \$8.4 million were approved at the 15th ExCom Meeting. Work was done in the foam sector also.
49,650	(23,201)	26,449	0.53	(23,201)	6,455	Completed
30,000	0	30,000	1.00	0	3,900	Completed.
100,000	0	102,267	1.02	2,267	13,000	Completed.

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Final Disb Date	Reviewed Date Implemented
UNDP	PER	SEV	18	PRP	012	LAC	Project preparation assistance	0	Nov-95			Mar-96
UNDP	PHI	REF	04	TRA	002	ASP	Training programme in the refrigeration sector	0	Jun-91		Jul-95	Dec-92
UNDP	PHI	SEV	08	CPG	006*	ASP	Country programme preparation	0	Oct-92			Dec-93
UNDP	PHI	SEV	11	PRP	021	ASP	Project preparation assistance	0	Nov-93			Dec-94
UNDP	SRL	SEV	06	CPG	001	ASP	Country programme preparation	0	Feb-92			Dec-93
UNDP	THA	FOA	11	INV	026	ASP	Eliminate CFC-114 in manufacture of extruded polystyrene foam sheet and profiles at Thermaflex Insulation Asia	0	Nov-93			--
UNDP	THA	FOA	12	INV	030	ASP	Elimination of the use of CFCs in manufacture of polystyrene foam sheet in Thailand (Phase 1: Two companies)	100	Mar-94			Feb-95
UNDP	THA	SEV	04	TRA	002	ASP	Training of Government staff	0	Jun-91		Jul-95	Dec-92
UNDP	THA	SEV	10	PRP	011	ASP	Project preparation assistance	0	Jun-93			Sep-94
UNDP	TRT	SEV	04	TRA	001	LAC	Training of Govt. technical staff and preliminary work on the country programme	0	Jun-91		Jul-95	Sep-95
UNDP	TRT	SEV	06	CPG	003	LAC	Country programme preparation	0	Feb-92		Jul-95	Jul-95
UNDP	URU	SEV	04	TAS	001	LAC	Consultant mission to assess technical assistance requirements	0	Jun-91		Jul-95	Dec-92
UNDP	URU	SEV	08	CPG	002	LAC	Country programme preparation	0	Oct-92		Jul-95	Jun-93
UNDP	URU	SEV	13	PRP	008	LAC	Preparation of projects in the foams and halons sector	0	Jul-94			Sep-95
UNDP	VEN	HAL	09	TAS	009	LAC	Workshops for the recycling and banking of halons	0	Mar-93		Jul-95	Jun-94
UNDP	VEN	REF	04	TRA	001	LAC	Technical assistance and training of servicing technicians in the refrigeration sector	0	Jun-91		Jul-95	Jun-92
UNDP	VEN	REF	09	PRP	010	LAC	Workshops for identification of projects in the refrigeration sector	0	Mar-93		Dec-94	Dec-94

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Savings or Deficit	Fee for Agency	Remarks
25,000	0	25,000	1.00	0	3,250	Completed. Visits by Refrigeration consultants in Feb 96 resulted in formulation of 4 commercial refrigeration manufacturing projects and one recovery/recycling project with a budget of \$982,500 submitted for approval to the 19th ExCom.
64,000	(1,703)	62,297	0.97	(1,703)	8,320	Completed
79,640	0	79,640	1.00	0	10,353	Completed
50,000	0	50,000	1.00	0	6,500	Completed
35,000	0	35,000	1.00	0	4,550	Completed
6,516	0	6,516	1.00	0	847	Completed. Project cancelled at 17th ExCom with the agreement of enterprise and Govt. Disbursement reflects UNDP expenses incurred for technical visits during project implementation stage that culminated in project cancellation.
455,000	0	433,915	0.95	(21,085)	59,150	Completed
50,000	3,785	53,785	1.08	3,785	6,500	Completed
50,000	0	50,000	1.00	0	6,500	Completed
53,800	102	53,902	1.00	102	6,994	Completed.
25,000	1,200	26,200	1.05	1,200	3,250	Completed. While the CP was completed, and Secretariat's comments incorporated, official submission by Govt is still awaited.
13,050	992	14,042	1.08	992	1,697	Completed
23,894	1,550	25,444	1.06	1,550	3,106	Completed
30,000	0	30,531	1.02	531	3,900	Completed.
26,800	(3,700)	23,100	0.86	(3,700)	3,484	Completed
30,000	(10,980)	19,020	0.63	(10,980)	3,900	Completed
19,800	0	19,800	1.00	0	2,574	Completed

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Final Disb Date	Reviewed Date Implemented
UNDP	VEN	REF	09	TAS	011	LAC	Workshops on conversion and installation of new non-ODS central A/C systems	0	Mar-93		Jul-95	Jun-94
UNDP	VEN	REF	12	DEM	020	LAC	Pilot Programme in Recovery and Recycling of CFC-12 in Mobile Airconditioning	0	Mar-94			Mar-95
UNDP	VEN	SEV	11	CFG	017	LAC	Finalization of the Venezuela Country Programme	0	Nov-93		Jan-95	Jun-95
UNDP	VEN	SEV	15	PRP	025	LAC	Project preparation assistance	0	Dec-94		Jul-95	Jun-95
UNDP	VEN	SEV	17	PRP	035	LAC	Preparatory assistance for the dom. and com. refrigeration manufacturing sector	0	Jul-95			Mar-96
UNDP	ASP	FOA	06	TRA	005	ASP	One of three low-CFC Foams training and demonstration programme (Asia and Pacific)	0	Feb-92		Jul-95	Dec-93
UNDP	LAC	FOA	06	TRA	002	LAC	Regional low-CFC foam training and demonstration programme (Latin America)	0	Feb-92		Jul-95	Dec-93
UNDP	LAC	HAL	06	TRA	003	LAC	Halons reduction/recycling training and demonstration programme (Latin America)	0	Feb-92		Jul-95	Jun-94
UNDP	LAC	REF	06	TRA	004	LAC	MAC CFC-recycling training and demonstration programme (Latin America)	0	Feb-92			Dec-95
UNDP	LAC	REF	06	TRA	005	LAC	Training/demo. programme in commercial and industrial refrigeration in Latin America	0	Feb-92		Jul-95	Sep-92
UNDP	GLO	FOA	06	TAS	008	GLO	Technical assistance in flexible polyurethane foam sector	0	Feb-92			Dec-93
UNDP	GLO	FOA	06	TAS	019	GLO	Technical Assistance in rigid polyurethane foam sector	0	Feb-92			Dec-93
UNDP	GLO	FOA	06	TRA	017	AFR	One of three low-CFC foam training and demonstration programmes (Middle East/Africa)	0	Feb-92		Jul-95	Dec-93
UNDP	GLO	FOA	14	TAS	071	GLO	Determination of cost-effective phaseout approaches for enterprises with relatively small ODS use in foams	0	Sep-94			Dec-95
UNDP	GLO	HAL	06	TAS	010	GLO	Technical assistance in halons	0	Feb-92			Jun-94
UNDP	GLO	HAL	06	TRA	016	AFR	Halons reduction/recycling training & demonstration programme (Africa/Middle East)	0	Feb-92		Jul-95	Dec-93
UNDP	GLO	HAL	07	DEM	025	GLO	Procurement of 40 H-1211 recycling machines for demonstration and continued use	0	Feb-92			Sep-93
UNDP	GLO	HAL	13	TAS	069	GLO	Analysis and formulation of a halon action plan and phaseout strategy for small consuming countries	0	Jul-94			Mar-95
UNDP	GLO	REF	06	TAS	007	GLO	Technical assistance in refrigeration	0	Feb-92			Sep-94

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Savings or Deficit	Fee for Agency	Remarks
26,200	(13,000)	13,200	0.50	(13,000)	3,406	Completed
13,400	0	13,400	1.00	0	1,742	Completed
12,000	0	12,000	1.00	0	1,560	Completed
40,000	5,445	45,445	1.14	5,445	5,200	Completed
30,000	0	30,000	1.00	0	3,900	Completed. Visits by UNDP refrigeration and foam consultants resulted in approvals 3 projects amounting to \$1.87 million at the 18th ExCom Meeting.
52,500	(15,672)	36,828	0.70	(15,672)	6,825	Completed
52,500	(1,312)	53,812	1.02	1,312	6,825	Completed
60,000	(15,158)	44,842	0.75	(15,158)	7,800	Completed
45,000	0	45,000	1.00	0	5,850	Completed. Workshop held in Santo Domingo on 6-7 Nov 95, organized in conjunction with ODSOMET meeting. Report finalize.
23,000	47	23,047	1.00	47	2,990	Completed
40,000	0	40,000	1.00	0	5,200	Completed
60,000	0	60,000	1.00	0	7,800	Completed
52,500	(14,413)	38,087	0.73	(14,413)	6,825	Completed
50,000	0	50,000	1.00	0	6,500	Completed.
70,000	0	70,000	1.00	0	9,100	Completed
60,000	(20,988)	39,012	0.65	(20,988)	7,800	Completed
250,000	0	250,000	1.00	0	32,500	Completed
50,000	0	50,000	1.00	0	6,500	Completed
90,000	0	90,000	1.00	0	11,700	Completed

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Final Disb Date	Review Date Implemented
UNDP	GLO	SEV	06	TRA	013	GLO	Participation at workshops and key meetings	0	Feb-92			Sep-95
UNDP	GLO	SEV	12	TAS	063	GLO	Safety, pre-assessment & post-assessment of UNDP implemented foam & solvent sector projects	0	Mar-94		Jul-95	Jun-95
UNDP	GLO	SOL	06	TAS	009	GLO	Technical assistance in solvents	0	Feb-92			Sep-93
UNDP	IND	SEV	12	PRP	019	ASP	Project preparation assistance	0	Mar-94			Dec-95
UNDP	MEX	NAL	06	TAS	014	LAC	Preparatory study on halons inventory and proposals for revisions of existing standards	0	Feb-92			Sep-95
UNDP	PHI	SEV	15	PRP	035	ASP	Project preparation assistance	0	Dec-94			Mar-96
Grand Total								1,081				

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Savings or Deficit	Fee for Agency	Remarks
140,000	0	140,000	1.00	0	18,200	Completed.
25,000	3,000	28,000	1.12	3,000	3,250	Completed
50,000	0	50,000	1.00	0	6,500	Completed
100,000	0	100,000	1.00	0	13,000	Project completed. Six foam projects were approved at the 18th ExCom meeting; project funding is awaited. A project formulation visit in Nov/Dec. 95 identified 8 projects in the rigid foam sub-sector and 7 have been submitted to the 19th ExCom.
25,000	2,223	27,223	1.09	2,223	3,250	Completed.
50,000	0	50,000	1.00	0	6,500	Completed. A foam project (\$217,000) was approved at the 17th ExCom and 3 projects (\$876,300) were approved at the 18th ExCom with a foam project awaiting funding. Awaiting financial closure of accounts.
12,115,665	(129,411)	12,004,184		(111,481)	1,575,036	

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	ARG	FOA	14	INV	013	LAC	Convert to non-CFC technology in the manufacture of flexible and integral skin PUF at PRENSIPLAST	30	Sep-94		Dec-95	Dec-96
UNDP	ARG	FOA	15	INV	014	LAC	CINTER S.R.L. Elimination of CFC use in the manufacture of sandwich polyurethane panels	45	Dec-94		Jul-96	Dec-96
UNDP	ARG	FOA	18	INV	026	LAC	Conversion to non-CFC technology in the manufacture of flexible foam (slabstock) at Belmo Buena Aires and Belmo San Luis	145	Nov-95		May-97	May-97
UNDP	ARG	FOA	18	INV	027	LAC	Conversion to non-CFC technology in the manufacture of flexible foam (slabstock) at Muvel Corp. S.A.	53	Nov-95		May-97	May-97
UNDP	ARG	FOA	18	INV	028	LAC	Conversion to non-CFC technology in the manufacture of flexible foam (slabstock) at Mantvil S.A.	19	Nov-95		May-97	May-97
UNDP	ARG	FOA	18	INV	029	LAC	Conversion to non-CFC technology in the manufacture of flexible foam (slabstock) at Limansky	95	Nov-95		May-97	May-97
UNDP	ARG	FOA	18	INV	030	LAC	Conversion to non-CFC technology in the manufacture of flexible foam (slabstock) at Piero SAIC	64	Nov-95		May-97	May-97
UNDP	ARG	FOA	18	INV	031	LAC	Conversion to non CFC technology in the manufacture of flexible foam (slabstock) at Sueño Estelar S.A. and Estelar San Luis S.A.	129	Nov-95		May-97	May-97
UNDP	ARG	FOA	18	INV	033	LAC	Elimination of the use of CFC's in the manufacture of sandwich panels and spray foams at Montisol Argentina S.A. and Art Nouveau Puntana, S.A.	37	Nov-95		May-97	May-97
UNDP	ARG	HAL	13	TAS	007	LAC	Technical assistance to prepare a national halons programme	0	Jul-94		Jun-95	Jun-96

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
345,000	0	245,000	0.71	100,000	44,850	Specs were finalized. Visits by UNDP's Foam Sector Expert in Sept and Nov 95 resolved all issues. Equipment was purchased in Dec-95, shipped on 23 Feb 96 and will arrive in March 1996.
725,000	0	466,223	0.64	258,777	94,250	Equipment specs finalized and purchase orders were placed in Dec 95. Equipment was shipped on 10 Feb 96 and should arrive in Argentina in March/April 1996. Next implementation visit scheduled for July 1996.
715,000	0	0	0.00	200,000	92,950	Newly approved. Issue on implementation modality solved. Technology transfer visit to Europe held in March 96 to illustrate use of LCD (Liquid Carbondioxide) replacement technology.
313,500	0	0	0.00	100,000	40,755	Newly approved. Issue on implementation modality solved. Technology transfer visit to Europe held in March 96 to illustrate use of LCD technology.
115,000	0	0	0.00	50,000	14,950	Newly approved. Issue on implementation modality solved. Implementation visit scheduled for June/July 96.
473,000	0	0	0.00	100,000	61,490	Newly approved. Issue on implementation modality solved. Technology transfer visit to Europe held in March 96 to illustrate use of LCD technology.
341,000	0	0	0.00	100,000	44,330	Newly approved. Issue on implementation modality solved. Technology transfer visit to Europe held in March 96 to illustrate use of LCD technology.
690,000	0	0	0.00	200,000	89,700	Newly approved. Issue on implementation modality solved. Technology transfer visit to Europe held in March 96 to illustrate use of LCD technology.
285,000	0	0	0.00	100,000	37,050	Newly approved. Issue on implementation modality solved. Implementation visit scheduled for June/July 96.
50,000	0	45,810	0.92	50,000	6,500	Subcontract with MATALONI almost completed. Final report awaited.

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	ARG	REF	18	INV	034	LAC	Elimination of the use of CFCs in the manufacture of display cabinets and polyurethane panels for cold stores at Market Costan	28	Nov-95		May-97	May-97
UNDP	ARG	SEV	13	INS	011	LAC	Institutional strengthening	0	Jul-94		Dec-97	Dec-97
UNDP	ARG	SEV	17	PRP	025	LAC	Project preparation assistance	0	Jul-95		Dec-96	Dec-96
UNDP	ARG	SEV	18	PRP	041	LAC	Project preparation assistance	0	Nov-95		Nov-96	Nov-96
UNDP	BGD	ARS	17	INV	005	ASP	Conversion to CFC-free technology in the manufacture of aerosol products at Advanced Chemical Industries Ltd. (ACI)	124	Jul-95		Jun-97	Jun-97
UNDP	BGD	SEV	14	INS	004	ASP	Institutional strengthening	0	Sep-94		Dec-97	Dec-97
UNDP	BGD	SEV	14	PRP	003	ASP	Project preparation assistance	0	Sep-94		Dec-95	Dec-96
UNDP	BOL	SEV	18	PRP	003	LAC	Project preparation assistance	0	Nov-95		Nov-96	Nov-96

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
423,000	0	0	0.00	200,000	54,996	Newly approved. Issue on implementation modality solved. Proposals for equipment specs are being established. Implementation visit scheduled for June/July 96.
359,500	0	24,000	0.07	100,000	46,735	Three ministries involved are still discussing implementation modalities which slows project implementation. Expenditures correspond to purchase of equipment and recruitment of local staff in 1995.
60,000	0	49,409	0.82	10,591	7,800	Visit by UNDP's foam sector expert undertaken in Sept 95. 8 project proposals submitted to the 17th ExCom Meeting were approved at the 18th ExCom Meeting amounting to \$3.35 million. Future visits in foams and refrigeration scheduled for Jul 96.
25,000	0	0	0.00	25,000	3,250	Newly approved.
322,920	0	0	0.00	220,000	41,980	Letter of agreement being signed between Govt. and OPS for OPS to implement the planned project activities. Procurement activity has been initiated.
150,000	0	0	0.00	0	19,500	Workplan prepared and recruitment activities completed; however, no project activity can be undertaken due to current political situation.
35,000	0	8,000	0.23	0	4,550	One aerosol investment project approved and being implemented. The planned recovery & recycling formulation visit has been postponed due to current political situation.
20,000	0	0	0.00	10,000	2,600	Newly approved. Visit by UNDP recovery/recycling consultant being proposed for June 96.

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	BRA	FOA	12	INV	013	LAC	Conversion to CFC-free technology in the manufacture of rigid PUF (spray) in three companies	72	Mar-94		Jun-95	Dec-96
UNDP	BRA	FOA	17	INV	021	LAC	ELASCAR Conversion to CFC-free technology in manufacture of integral skin PUF for steering wheels	15	Jul-95		Dec-96	Dec-96
UNDP	BRA	FOA	18	INV	027	LAC	Conversion to CFC-free technology in the manufacture of polyurethane foam at Macform	25	Nov-95		May-97	May-97
UNDP	BRA	FOA	18	INV	028	LAC	Conversion to CFC-free technology in the manufacture of polyurethane foam at Macra	20	Nov-95		May-97	May-97
UNDP	BRA	FOA	18	INV	029	LAC	Conversion to CFC-free technology in the manufacture of polyurethane foam at MBR	40	Nov-95		May-97	May-97
UNDP	BRA	REF	17	INV	024	LAC	Eliminate CFCs in the manufacture of domestic chest freezers at Multibras S.A. Eletrodomesticos	166	Jul-95		Dec-96	Dec-96
UNDP	BRA	SEV	10	INS	010	LAC	Institutional strengthening	0	Jul-93		Sep-96	Dec-97
UNDP	BRA	SOL	18	INV	036	LAC	Phase out of CFC-113 at DMG used in medical equipment parts cleaning	2	Nov-95		May-97	May-97

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur- sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
370,000	0	100,846	0.27	269,154	48,100	Phase I of the project completed successfully. It included formulation of alternative polyol, testing of chemical / physical properties and manufacture of 2 prototype dispensers. Phase II will start in Apr 96 to replicate results in other companies.
119,400	0	0	0.00	119,400	15,522	Equipment specifications being established. Due to questions about change of ownership, project was delayed. This has now been resolved, since PLASCAR is still 100% Article 5, Para 1 Party owned. Implementation visit scheduled for July 96.
243,500	0	0	0.00	125,000	31,655	Newly approved. Issue about implementation modality was resolved. Implementation visit scheduled for July 96.
254,500	0	0	0.00	125,000	33,085	Newly approved. Issue about implementation modality was resolved. Implementation visit scheduled for July 96.
338,500	0	0	0.00	160,000	44,005	Newly approved. Issue about implementation modality was resolved. Implementation visit scheduled for July 96.
598,499	0	5,000	0.01	593,499	77,805	During implementation visits in 9/95 and 12/95 Multibras requested UNDP to reformulate programme proposal including all production lines at the three plants. This programme is being presented at 19th ExCom and will include the already approved project.
403,100	0	154,860	0.38	120,000	52,403	Following national elections, activities of the interagency GTO were temporarily suspended. A decree was issued in Sept 95 re-establishing a new unit (PROXON). Project revision was signed on 20 Mar 96, outlining future activities.
38,000	0	0	0.00	38,000	4,940	Newly approved. Implementation modality being discussed. National Consultant is starting preparation of activities.

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	BRA	SOL	18	INV	037	LAC	Elimination of CFC-113 from the precision cleaning and drying process at Brasimat	2	Nov-95		May-97	May-97
UNDP	BRA	EEV	18	PRP	041	LAC	Project preparation assistance	0	Nov-95		Nov-96	Nov-96
UNDP	CAF	EEV	18	PRP	003	AFR	Project preparation assistance	0	Nov-95		Nov-96	Nov-96
UNDP	CPR	ARS	06	TAS	002	ASP	TA for Guangdong aerosols inv project and investigation of non-ODS filling technology and LPG purification	0	Feb-92		Dec-92	Dec-96
UNDP	CPR	FOA	06	TAS	003	ASP	Technical assistance for CFC-11 substitute technology in flexible polyurethane foam	0	Feb-92		Dec-92	Dec-94
UNDP	CPR	FOA	07	TAS	022	ASP	Technical Assistance for the Beijing Household Electric Appliances Research Institute (BHEARI)	0	Jun-92		Dec-95	Dec-96
UNDP	CPR	FOA	10	TAS	038	ASP	Strategy and action programme for the elimination of CFCs in the manufacture of foams	0	Jun-93		Sep-94	Dec-96
UNDP	CPR	FOA	11	INV	054	ASP	ECMF: Conversion to CFC-free technology in the manufacture of rigid PUF (spray) at Beijing Commercial Machinery Factory	30	Nov-93		Dec-94	Jul-96

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
30,400	0	0	0.00	30,400	3,952	Newly approved. Implementation modality being discussed. National Consultant is starting preparation of activities.
55,000	0	21,981	0.40	33,019	7,150	Newly approved. Continuation of all formulation activities (national consultants and visits of international experts).
15,000	0	9,000	0.60	6,000	1,950	Newly approved. Visit took place in Feb 96, and National Consultant was recruited. Foam project being presented at 19th ExCom. Proposal for Recovery/Recycling of Refrigerant is under preparation.
75,000	0	45,684	0.61	0	9,750	Delay in activity completion. Project will be reviewed with NEPA during May 1996 Programme Review visit. Project completion rescheduled to 12-96.
70,000	0	65,000	0.93	5,000	9,100	Operationally completed. Awaiting closure of financial accounts.
490,000	0	92,338	0.19	387,662	62,400	Annual report on routine performance / reliability / aging testing being prepared. Procurement of thermal conductivity equipment and computer workstation underway. Project completion rescheduled to end-1996.
200,000	0	40,000	0.20	160,000	26,000	TOR for sub-sector survey prepared. Seminar on CO2 blend technology for XPE/XPS foam held in Dec 95 in Beijing; about 30 enterprises participated. Attendance at UTECH Conference, 26-28 Mar 96, being organized. Project completion rescheduled to Dec 96.
435,000	0	114,438	0.26	260,562	55,550	Factory received 3 foam dispensing machines. Locally manufactured trucks for the mobile spray units being ordered. Project expected to be completed by mid 1996.

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	CPR	FOA	13	INV	073	ASP	Elimination of CFC-12 in the manufacture of XPE foam sheets at Danshui Huaya Plastics Industries Co. Ltd.	160	Jul-94		Jul-95	Apr-95
UNDP	CPR	FOA	13	INV	074*	ASP	Elimination of CFC-11 in the manufacture of rigid PUF products at Tianjin PUF plastics plant (combined proj.)	100	Jul-94		Mar-97	Mar-97
UNDP	CPR	FOA	15	INV	087	ASP	Shijiazhuang Plastic Cement General Factory: Elimination of CFC-12 in the manufacture of foam sheet	160	Dec-94		Jun-96	Dec-96
UNDP	CPR	FOA	15	INV	088	ASP	Suzhou Plastic Works No.7: Elimination of CFC-12 in the manufacture of PE foam tubing	70	Dec-94		Jun-96	Mar-97
UNDP	CPR	FOA	15	INV	089	ASP	Shenrong: Eliminate CFC-12 in the manufacture of XPS foam sheet	48	Dec-94		Jun-96	Dec-96
UNDP	CPR	FOA	15	INV	090	ASP	Feicheng Plastic Packaging Material Factory: Elimination of CFC-12 in the manufacture of XPS/XPE foam sheet	150	Dec-94		Jun-96	Mar-97
UNDP	CPR	FOA	15	INV	091	ASP	Guangxing Plastic Products Co. (Wuhan): Eliminate CFC-12 in manufacture of XPS foam sheet	36	Dec-94		Jun-96	Mar-97

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
241,000	0	241,000	1.00	0	31,330	Operationally completed. CFC phaseout completed. Certificate of completion signed by NEPA, OPS, UNDP and company in April 1995. Formal commissioning and signing of Hand-Over Protocol by NEPA delayed but expected in 2Q96.
914,500	0	0	0.00	0	118,885	Revised consolidated project approved at 17th ExCom. Project document being signed. Awaiting TPF's decision on final technology to be used because of plant layout constraints.
621,000	0	113,830	0.18	507,170	80,730	Project under group implementation. Pumping & metering system procured; delivery in Aug 96. Project completion now targeted for 4Q96.
384,350	0	10,500	0.03	373,850	49,966	Project under group implementation. Analysis of second-round bidding results for pumping & metering systems being finalized. OPS visit in April 96 to finalize all contracts. Project completion now targeted for 1Q97.
276,810	0	148,325	0.54	128,485	35,985	Project under group implementation. Major procurement activities completed; contract for local works to be finalized during OPS visit in early April 96. Project completion now targeted for 4Q96.
388,000	0	68,977	0.18	319,023	50,440	Project under group implementation. Results of second-round bidding for pumping & metering systems being finalized. OPS visit in early April 96 to finalize all contracts. Project completion now targeted for 1Q97.
375,000	0	68,977	0.18	306,023	48,750	Project under group implementation. Results of second-round bidding for pumping & metering systems being finalized. OPS visit in early April 96 to finalize all contracts. Project completion now targeted for 1Q97.

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	CPR	FOA	15	INV	092	ASP	Shenzhen Shentie: Eliminate CFC-12 in the manufacture of XPS foam sheet at Shenzhen Shentie Plastics Tableware Co.	75	Dec-94		Jun-96	Mar-97
UNDP	CPR	FOA	15	INV	093	ASP	Hebei Sixing Polypack Products Co.: Elimination of CFC-12 in the Manufacture of XPE netting	65	Dec-94		Jun-96	Dec-96
UNDP	CPR	FOA	15	INV	094	ASP	Beijing Yanxi: Conversion to non-CFC technology in the manufacture of flexible PUF	25	Dec-94		Jun-96	Dec-96
UNDP	CPR	FOA	15	INV	095	ASP	Faw Trim: Conversion to non-CFC technology in the manufacture of flexible PUF	28	Dec-94		Jun-96	Dec-96
UNDP	CPR	FOA	15	INV	096	ASP	Hubei Auto Engineering: Convert to non-CFC technology in the manufacture of integral skin PUF	20	Dec-94		Jun-96	Dec-96
UNDP	CPR	FOA	15	INV	097	ASP	Dalian No. 1: Conversion to CFC-free technology in the manufacture of flexible PUF (slabstock)	100	Dec-94		Jun-96	Dec-96
UNDP	CPR	FOA	15	INV	098	ASP	Jinfeng: Conversion to CFC-free technology in manufacture of extruded polystyrene foam sheet	70	Dec-94		Jun-96	Mar-97

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
345,000	0	68,977	0.20	276,023	44,850	Project under group implementation. Results of second-round bidding for pumping & metering systems being finalized. OPS visit in early April 96 to finalize all contracts. Project completion now targeted for 1Q97.
252,880	0	148,311	0.59	104,569	32,874	Project under group implementation. Major equipment items procured; contract for local works to be finalized during OPS visit in early April 96. Project completion now targeted for 4Q96.
93,750	0	0	0.00	93,750	12,188	Implementation visit fielded at end February 96. Equipment specifications prepared and procurement activities underway. Project completion rescheduled to 4Q96.
143,000	0	0	0.00	143,000	18,590	Implementation visit fielded at end February 96. Equipment specifications prepared and procurement activities underway. Project completion rescheduled to 4Q96.
150,000	0	0	0.00	150,000	19,500	Implementation visit fielded at end February 96. Equipment specifications prepared and procurement activities underway. Project completion rescheduled to 4Q96.
490,000	0	0	0.00	2,000	63,700	During implementation visit in Feb 96, some constraints were identified. Plant is now looking into alternative technology in Europe and will decide on final technology by end April 96. Project completion rescheduled to 4Q96.
235,340	0	140,000	0.59	95,340	30,594	UNDP expert visited plant and confirmed that conversion to butane technology completed. However, serious safety hazards exist and immediate measures needed before plant can safely carry out normal production. Visit by OPS & expert planned for April 96.

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	CDS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	CPR	FOA	15	INV	099	ASP	Jinan Plastics #4 Factory: Convert to CFC-free technology in the manufacture of extruded polystyrene foam sheet	30	Dec-94		Jun-96	Mar-97
UNDP	CPR	FOA	15	INV	100	ASP	Guizhou Jinchang Plastics Products Co.: Elimination of CFC-12 in the manufacture of XPS foam sheet	50	Dec-94		Jun-96	Mar-97
UNDP	CPR	FOA	15	INV	101	ASP	Hailun Plastic Packaging Material Factory: Elimination of CFC-12 in the manufacture of XPS/XPE foam sheet	95	Dec-94		Jun-96	Dec-96
UNDP	CPR	FOA	15	INV	102	ASP	Shanghai Jianhua Electro-Mechanical and Chemical Co.: Elimination of CFC-12 in the Manufacture of XPE/XPS	100	Dec-94		Jun-96	Mar-97
UNDP	CPR	FOA	15	INV	103	ASP	Foshan #3 Plastic Factory: Elimination of CFC-12 in the manufacture of XPS/XPE foam sheet	360	Dec-94		Jun-96	Dec-96
UNDP	CPR	FOA	17	INV	125	ASP	Cangzhou Foreign Trade Packaging Co. Elimination of CFC-12 in the manufacture of XPS foam sheets	75	Jul-95		Dec-96	Mar-97
UNDP	CPR	FOA	17	INV	126	ASP	Nandan No. 7: Eliminate CFCs in the manufacture of XPS/XPE foam sheet/netting	270	Jul-95		Dec-96	Mar-97

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
337,000	0	68,977	0.20	268,023	43,810	Project under group implementation. Results of second-round bidding for pumping & metering systems being finalized. OPS visit in early April 96 to finalize all contracts. Project completion now targeted for 1Q97.
273,000	0	0	0.00	273,000	35,490	Project under group implementation. Results of second-round bidding for pumping & metering systems being finalized. OPS visit in early April 96 to finalize all contracts. Project completion now targeted for 1Q97.
321,000	0	148,325	0.46	172,675	41,730	Project under group implementation. Major equipment items have been procured. OPS visit in early April 96 to finalize contract for local works. Project completion now targeted for 1Q97.
280,000	0	80,377	0.29	199,623	36,400	Project under group implementation. Some equipment items have been procured. OPS visit in early April 96 to finalize contracts for local works and pumping & metering systems. Project completion now targeted for 1Q97.
1,065,000	0	377,085	0.35	687,915	138,450	Project under group implementation. Some equipment items have been procured. OPS visit in early April 96 to finalize contracts for local works and equipment. Project completion now targeted for 4Q96.
450,800	0	0	0.00	450,800	58,604	Project document now being signed. NEPA agreed to having OPS as Cooperating Agency. Scope of OPS service to be finalized during April 96 OPS visit. Project completion targeted for 1Q97.
400,950	0	0	0.00	400,950	52,124	Project document now being signed. NEPA agreed to having OPS as Cooperating Agency. Scope of OPS service to be finalized during April 96 OPS visit. Project completion targeted for 1Q97.

Agency	Country Code	Sector Code	Mty Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	CPR	FOA	17	INV	127	ASP	JIP Boutou: Eliminate CFCs in the manufacture of XPS/XPE foam sheets/netting	270	Jul-95		Dec-96	Mar-97
UNDP	CPR	FOA	17	INV	134	ASP	Daimai: Conversion to CFC-free technology in the manufacture of flexible PUF products	177	Jul-95		Dec-96	Dec-96
UNDP	CPR	FOA	18	INV	141	ASP	Elimination of CFC-11 in the manufacture of flexible slabstock PUF at Tianjin Daqui Foam Plant	190	Nov-95		Nov-96	Nov-96
UNDP	CPR	FOA	18	INV	142	ASP	Elimination of CFCs in the manufacture of integral skin and cold cured PUF moldings at Jiangxi Auto Engineering Elastic Plant	39	Nov-95		Nov-96	Nov-96
UNDP	CPR	FOA	18	INV	143	ASP	Conversion to CFC-free technology in the manufacture of XPS foam at Tianjin Gangda	55	Nov-95		May-97	May-97
UNDP	CPR	FUM	12	TAS	060	ASP	Survey of production and consumption of methyl bromide to facilitate planning of a future phaseout programme	0	Mar-94		Jun-95	Dec-95
UNDP	CPR	HAL	10	TAS	040	ASP	Implementation of China halon phaseout plan: review, revision of national codes, and educational training	0	Jun-93		Sep-96	Sep-96
UNDP	CPR	HAL	10	TAS	040	ASP	Implementation of China halon phaseout plan: transfer of technology on alternatives to halon fire protection systems	0	Jun-93		Dec-96	Dec-96
UNDP	CPR	HAL	12	INV	066	ASP	Acquisition of local air compressors for H-1211 recovery/recycling machines	0	Mar-94		Dec-95	Dec-96

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
604,450	0	0	0.00	604,450	78,579	Project document now being signed. NEPA agreed to having OPS as Cooperating Agency. Scope of OPS service to be finalized during April 96 OPS visit. Project completion targeted for 1Q97.
362,600	0	0	0.00	0	47,138	Project on hold. Project activities were discussed with Daimel management in Dec 95. Daimel expressed serious safety concern about using cyclopentane. Daimel and line Ministry considering other options and will advise on final decision.
160,000	0	0	0.00	160,000	20,800	Project document being signed. Implementation visit planned for May 96 to prepare specifications for equipment and local works.
170,000	0	0	0.00	170,000	22,100	Project document being signed. Implementation visit planned for May 96 to prepare specifications for equipment and local works.
404,250	0	0	0.00	0	52,553	Project document being signed. NEPA agreed to having OPS as Cooperating Agency. Scope of OPS service to be finalized during April 96 OPS visit.
87,000	0	15,015	0.17	71,985	11,310	Draft survey analysis report prepared and is under review by NEPA and line Ministries. Database system procured by NEPA.
280,000	0	102,357	0.37	177,643	36,400	Survey materials and report being printed and translated.
300,000	0	95,072	0.32	204,928	39,000	Fine Water Mist Fire Extinguishing System has been procured; the rest of the systems still awaiting endorsement by Tianjin Fire Research Institute (TFRI) & NEPA. Local procurement will be handled by TFRI.
155,000	0	116,552	0.75	38,448	20,150	Procurement of 127 air compressors for the H-1211 recovery/recycling machines completed. Remaining funds will be utilized to purchase air compressors for additional machines.

Agency	Country Code	Sector Code	Mty Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	CPR	REF	06	TAS	006	ASP	Establishment of a quality control testing plant for using CFC-12 substitute technology in refrigeration	0	Feb-92		Dec-92	Dec-96
UNDP	CPR	REF	10	TAS	039	ASP	Revision of design standards for cold storage	0	Jun-93		Sep-95	Dec-96
UNDP	CPR	REF	11	TAS	055	ASP	Survey and development of a national policy to promote CFC recovery and recycling in China	0	Nov-93		Mar-95	Dec-96
UNDP	CPR	REF	17	DEM	131	ASP	Demonstration project to reduce CFC used in refrigeration in large food stores	10	Jul-95		Dec-96	Dec-96
UNDP	CPR	REF	17	INV	123	ASP	Guangdong Kelon: Eliminate CFCs in the manufacture of domestic refrigerators	767	Jul-95		Jun-97	Jun-97
UNDP	CPR	REF	17	INV	124	ASP	Changsa Zhongyi Group: Phaseout CFCs in the manufacture of domestic refrigerators	360	Jul-95		Jun-97	Jun-97
UNDP	CPR	SEV	06	INS	010*	ASP	Institutional strengthening	0	Mar-93		Jun-96	Dec-96

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
70,000	0	0	0.00	0	9,100	This project was discussed with NEPA during Dec 95 UNDP visit. A request for procurement of testing equipment for Guangdong Institute was submitted. Additional info has been requested and the official endorsement of NEPA is required.
200,000	0	0	0.00	150,000	26,000	Recruitment of international refrigeration expert by NEPA is expected to be finalized in April 96. Project completion rescheduled to 4Q96.
100,000	0	7,300	0.07	4,800	13,000	Local survey currently being carried out. No progress reported. NEPA will take measures to speed up implementation. Project completion now targeted for 4Q96.
76,000	0	0	0.00	76,000	9,880	Specifications under preparation. Project will be implemented in close collaboration with USEPA.
4,483,050	0	0	0.00	0	582,797	Project on hold. A UNDP-NEPA team discussed project with Kelon in Dec 95. Kelon stated that it cannot guarantee against using CFCs at the two project plants upon project completion. Official policy decision of NEPA is awaited.
2,961,000	0	0	0.00	500,000	384,930	A UNDP-NEPA team discussed implementation plans with Zhongyi. NEPA agreed to project being executed by OPS. Project document being signed. Final conversion plans from Zhongyi awaited. A OPS implementation visit scheduled for 2Q96.
450,000	0	263,675	0.59	186,325	58,500	NEPA staff undertook programme management training program. Implementation workshop by NEPA/UNDP/UNOPS scheduled in April 96. First UNDP-NEPA Programme Review scheduled for May 96. Project to be extended to Dec 96 within existing budget.

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implem nted	Reviewed Date Implem nted
UNDP	CPR	SEV	09	TAS	026	ASP	Survey and assessment of small CFC plants conversion possibilities	0	Mar-93		Mar-94	Dec-96
UNDP	CPR	SEV	11	TAS	056	ASP	National product qualification and standards evaluation for non-ODS alternatives to CFC applications at SIOFM	0	Nov-93		Mar-95	Dec-96
UNDP	CPR	SOL	07	INV	019	ASP	Dalian precision parts cleaning line demonstration project	30	Jun-92		Dec-94	Sep-96
UNDP	CPR	SOL	07	INV	020	ASP	Dandong electronic tuner aqueous cleaning line demonstration project	19	Jun-92		Dec-94	Nov-95
UNDP	CPR	SOL	10	INV	036	ASP	Elimination of CFCs in cleaning operations at Nanjing Wire Works (demonstration project)	9	Jun-93		Dec-95	Dec-96
UNDP	CPR	SOL	10	INV	037	ASP	Elimination of CFCs in cleaning operations at the Chengdu Radio Instrument Factory (demon. project)	7	Jun-93		Dec-95	Dec-96
UNDP	CPR	SOL	12	INV	057	ASP	ODS-free cleaning equipment manufacturing center for phasing out ODS in the solvents sector across China.	0	Mar-94		Jun-96	Jun-97
UNDP	CPR	SOL	12	TAS	061	ASP	Cleaning Applications Deployment Center for Replication of ODS-Free Processes across China.	0	Mar-94		Jun-95	Dec-96

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
90,000	0	23,724	0.26	66,276	11,700	First phase of survey completed covering 60 sample plants in 16 provinces in the upper half of China. First seminar held in Shanghai 11-13 Sept 95 to discuss survey results. Survey report awaited.
362,500	0	35,900	0.10	326,600	47,125	Gas chromatograph and mass spectrometer unit being procured by NEPA. TOR for international consultant finalized and recruitment underway. Lab modification works almost completed. Testing expected to commence early 3Q96.
495,000	0	340,000	0.69	155,000	64,350	Equipment delivery expected in 2Q96. Completion expected in 3Q96.
495,000	0	484,708	0.98	10,292	64,350	Project operationally completed. Certificate of Completion signed in Nov 95. Official project hand-over awaiting NEPA's negotiations with local authorities. Financial accounts still open.
409,000	0	0	0.00	409,000	53,170	NEPA and enterprise endorsed vendor list. Completion of bidding process delayed due to factory's submission of incorrect production numbers. Revised specs to be finalized by end March 96. Project completion rescheduled to 4Q96.
394,700	0	27,183	0.07	367,715	51,311	Bidding process finalized. Results revealed specifications were based on incorrect information provided by factory. Second-round bidding necessary. Project completion rescheduled to 4Q96.
524,734	0	0	0.00	524,734	68,215	Project document being signed. Equipment list with staggered procurement plans being finalized. Project completion targeted for 2Q97.
489,400	0	0	0.00	489,400	63,622	Equipment specifications finalized mid-March. Bidding process initiated. No.46 Institute will implement the activity related to database development. Completion now targeted for 4Q96.

Agency	Country Code	Sector Code	Mty Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	CPR	SOL	18	INV	152	ASP	Elimination of ODS (CFC-113) used in the production line at Hunan Computer Factory	21	Nov-95		May-97	May-97
UNDP	CPR	ZEV	18	PRP	153	ASP	Project preparation assistance	0	Nov-95		Nov-96	Nov-96
UNDP	COL	FOA	13	INV	005	LAC	Elimination of the use of ODS in the polystyrene foams sector (2 companies)	320	Jul-94		Dec-95	Apr-97
UNDP	COL	REF	13	INV	004	LAC	Eliminate CFCs in manufacture of domestic refrigerators at 5 companies (Andinos, Corelsa, Maceb, Icasa and Polarix)	226	Jul-94		Dec-95	Apr-97
UNDP	COL	REF	15	INV	006	LAC	INDUCOL: Eliminate CFC-11/12 in manufacture of commercial refrigeration equipment at Industrias Colombia	16	Dec-94		Jun-96	Dec-96
UNDP	COL	REF	15	INV	007	LAC	INDUFRIAL: Eliminate CFC-11/12 in manufacture of commercial refrigeration equipment at Industrias de Refrigeracion Comercial	30	Dec-94		Jun-96	Dec-96
UNDP	COL	REF	15	INV	008	LAC	WONDER: Eliminate CFC-11/12 in manufacture of commercial refrigeration equipment at Industrias Wonder	7	Dec-94		Jun-96	Dec-96
UNDP	COL	REF	17	INV	011	LAC	Fricmix S.A.: Eliminate CFC-11 and CFC-12 in manufacture of unitary com. refrigeration equipment	10	Jul-95		Dec-96	Dec-96

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
104,700	0	0	0.00	104,700	13,611	Project document being signed. Implementation workplan and budgetary breakdown discussed with Factory during Jan 96 visit by UNDP Expert. Equipment specifications being drawn up.
100,000	0	0	0.00	0	13,000	In Jan 96, UNDP Solvent Expert identified numerous projects and finalized 3 projects for review by MEI/NEPA. Other pipeline projects are being formulated. A preliminary concept on solvent sector funding is under discussion.
1,072,000	0	615,455	0.57	456,545	139,360	For AJOVER, 9 purchase orders placed, 3 remaining. Commissioning of project is scheduled for mid-1996. For MULTIDIMENSIONALES, delays encountered due to change in technology.
4,808,900	0	2,242,655	0.47	2,566,245	625,157	UNDP expert visited in Feb 96. For 4 refrig. manufacturers all equipment arrived except foam equipment for POLARIX. Installation, trials underway. Commissioning by end-96 except POLARIX.
381,548	0	243,492	0.64	138,056	49,601	Refrigeration equipment already delivered, foam equipment shipped in March 96. Prototyping and field test trials will take place within next six months.
442,644	0	249,624	0.56	193,020	57,544	Refrigeration equipment already delivered, foam equipm. shipped in March 96. Prototyping and field test trials will take place within next six months.
251,315	0	176,241	0.70	75,074	32,671	Issues regarding refrigeration equipment solved, and all equipment shipped in March 96. Prototyping and field test trials will take place within next six months.
11,146	0	0	0.00	11,146	1,449	First implementation visit by consultants took place in Oct 95. Equipment specifications were drawn up.

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UNDP	COL	REF	17	INV	012	LAC	INDUSTRIAS WESTELL LTD. Eliminate CFC-11 and CFC-12 in the manufacture of commercial refrigeration equipment	20	Jul-95		Dec-96	Dec-96
UNDP	COL	REF	17	TAS	010	LAC	Implementation of a national program for recovery and recycling of refrigerant	111	Jul-95		Dec-96	Dec-96
UNDP	COL	REF	18	INV	015	LAC	Elimination of CFCs 11 and 12 in the manufacture of domestic refrigerators at Unilever Ltd. (Challenger)	17	Nov-95		May-97	May-97
UNDP	COL	SEV	12	INS	002	LAC	Institutional strengthening	0	Mar-94		Jun-97	Jun-97
UNDP	COL	ZEV	18	PRP	016	LAC	Project preparation assistance	0	Nov-95		Nov-96	Dec-96
UNDP	PRC	ZEV	18	PRP	003	AFR	Project preparation assistance in recovery and recycling of refrigerant, foam and halon sectors	0	Nov-95		Nov-96	Nov-96
UNDP	COS	FOA	08	TRA	005	LAC	Seminar/Workshop in the foam sector	0	Oct-92		Sep-94	Jul-96
UNDP	COS	REF	08	TRA	004	LAC	Conservation and training in the refrigeration sector	0	Oct-92		Sep-94	Jul-96
UNDP	COS	REF	18	INV	008	LAC	Elimination of CFCs 11 and 12 in the manufacture of domestic refrigerators at Atlas Eléctrica S.A.	27	Nov-95		Jun-97	Jun-97

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
227,602	0	0	0.00	100,000	29,588	First implementation visit by consultants took place in Oct 95. Equipm. Specs were drawn up and were accepted by the company. Bidding process under way.
787,030	0	743,434	0.94	43,596	102,314	Govt decided on the national implementation modality. Equipment purchased, and training workshops will take place in May 96. Close cooperation with UNEP regarding their activities and timing of consultant visits.
155,350	0	0	0.00	90,000	20,196	Newly approved. Visit took place in Feb 96 and equipm. specs were drawn up. Still to be accepted by the recipient company.
317,790	0	88,965	0.28	100,000	41,313	Ozone unit established and local staff recruited. Funds are being disbursed as per schedule. Ozone unit is coordinating national ODS phaseout effort, reviews all project proposals and supervises project implementation.
28,000	0	10,219	0.36	17,781	3,640	Newly approved. Consultant visited in Feb 96 resulting in submission of Supernordico project to the 19th ExCom meeting.
25,000	0	9,000	0.36	16,000	3,250	Newly approved. Visit to People's Republic of Congo took place in Feb 96, and National Consultant was recruited. Foam project and proposal for Recovery/Recycling of Refrigerant under preparation.
21,120	0	6,770	0.32	0	2,746	Despite efforts by UNDP to accelerate implementation, very little Govt. action to date. UNDP is seeking Govt concurrence to closing the project or transforming it.
88,000	0	6,770	0.08	0	11,440	Same status as project CSR/FOA/08/TRA/005 above.
375,000	0	0	0.00	200,000	48,750	Newly approved. Company requested a switch to isobutane/isopropane as refrigerant instead of 134a. Implementation visit scheduled in April 96.

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	COS	SEV	08	INS	003	LAC	Institutional strengthening	0	Oct-92		Dec-95	Dec-96
UNDP	COS	SOL	08	TRA	006	LAC	Seminar/Workshop in the sovents sector	0	Oct-92		Jun-94	Dec-95
UNDP	COS	SEV	08	PRP	007	LAC	Ad-hoc consultants for implementation of CP	0	Oct-92		Dec-95	Dec-96
UNDP	CUB	REF	13	TAS	003	LAC	Development of an ODS phaseout strategy in the refrigeration sector	0	Jul-94		Dec-95	Dec-96
UNDP	CUB	REF	15	TAS	004	LAC	Implementation of a national programme for recovery and recycling of refrigerant	49	Dec-94		Mar-96	Jun-96
UNDP	CUB	SEV	10	INS	002	LAC	Institutional strengthening	0	Jun-93		Sep-96	Dec-96
UNDP	DOM	REF	18	TAS	006	LAC	Demonstration project in commercial refrigeration (food storage, distribution and retailing)	0	Nov-95		May-97	May-97
UNDP	DOM	SEV	18	PRP	007	LAC	Project preparation assistance in foams and refrigeration	0	Nov-95		Nov-96	Dec-96
UNDP	EGY	FOA	09	INV	010	AFR	Elimination of CFC-12 in the manufacture of extruded polystyrene foam at Al-Sharif Plastic Factories	75	Mar-93		Jun-94	Dec-96
UNDP	EGY	FOA	10	INV	015	AFR	Elimination of CFC-11 in the manufacture of molded flexible PUF at Modern Building Carpentry Co. (MOBICA)	29	Jun-93		Dec-94	Nov-95

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
213,160	0	155,551	0.73	57,609	27,711	Disbursements are being made to COGO on a trimestrial basis according to budget schedule. Project ongoing.
21,120	0	0	0.00	0	2,746	Same status as project CSR/FOA/08/TBA/005 above.
50,000	0	30,437	0.61	19,563	6,500	Work on two project proposals, one in refrigeration manufacturing and another in recovery/recycling of refrigerant were completed and submitted for approval to the 17th ExCom. Only the ATLAS refrigeration project was approved at the 18th ExCom.
30,000	0	20,800	0.69	9,200	3,900	Strategy development ongoing. A return visit by the UNDP refrigeration consultant in second half 1996.
169,000	0	142,464	0.84	26,536	21,970	All equipment was received, and five demonstration workshops were successfully held in Feb 1996. Final report awaited.
172,000	0	76,000	0.44	60,000	22,360	The Ozone Office has been set up, staff have been recruited and it is coordinating all aspects of CP implementation. Funds disbursed per budget schedule. Project extended to Dec 96 within existing budget.
78,000	0	0	0.00	78,000	10,140	Newly approved. Discussion with USEPA on implementation strategy ongoing.
15,000	0	0	0.00	15,000	1,950	Newly approved. Commercial Refrigeration Manufacturer identified. Visit scheduled for mid-summer of 1996.
498,000	0	20,000	0.04	0	64,740	Specifications prepared in July 95. Awaiting comments from the company. Severe implementation delays experienced.
434,000	0	434,000	1.00	0	56,420	Project operationally completed. Budget is under-estimated; cost of equipment alone exceeded total budget. MOBICA will absorb all add'l costs. Substantial project completion certificate signed in Nov. 95. Hand-over Protocol expected in April 96.

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	EGY	FOA	10	INV	017	AFR	Elimination of CFC-11 in the manufacture of molded rigid PUF at Cairo Light Industries Co. (OLYMPIC ELECTRIC)	75	Jun-93		Dec-94	Nov-95
UNDP	EGY	FOA	11	INV	019	AFR	Conversion to CFC-11 free technology in the manufacture of flexible PUF at Dekheila Chemical Industries Corp. (Alex Foam)	130	Nov-93		Sep-94	Nov-95
UNDP	EGY	FOA	11	INV	020	AFR	Conversion of CFC-11 free technology in manufacture of flexible PUF at Horse Foam Co.	120	Nov-93		Dec-94	May-96
UNDP	EGY	FOA	12	INV	022	AFR	Conversion to CFC-free technology in the manufacture of flexible PUF in 2 companies	170	Mar-94		Jun-95	Aug-96
UNDP	EGY	FOA	12	INV	026	AFR	Conversion to CFC-free technology in manufacture of rigid molded and miscellaneous PUF (5 plants)	44	Mar-94		Jun-95	Jun-96
UNDP	EGY	FOA	15	INV	032	AFR	Conversion to CFC-free technology in the manufacturing of rigid PU foam in 7 plants.	69	Dec-94		Mar-96	Dec-96
UNDP	EGY	FOA	15	INV	035	AFR	Conversion to CFC-free technology in the manufacture of flexible slabstock PUF at El-Tawil Manufacturing Company	36	Dec-94		Mar-96	Sep-96
UNDP	EGY	FOA	18	INV	036	AFR	Conversion to CFC free technology in the manufacture of flexible molded PUF and integral skin foam at El Shabrawi	16	Nov-95		May-97	May-97
UNDP	EGY	MAL	12	TAS	023	AFR	Technical assistance to prepare a national halons action plan and project development	0	Mar-94		Jun-95	Jul-96

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
940,000	0	895,000	0.95	45,000	122,200	Project was officially commissioned in Nov 95. Reimbursement still to be made for additional safety equipment recommended by UNDP safety expert.
650,000	0	550,000	0.85	10,000	84,500	Project operationally completed. Project was commissioned in mid-Nov 1995. Additional expenditures expected to be recorded during 1996.
385,000	0	295,034	0.77	89,966	50,050	Project commissioning postponed till mid-May 1996. Project will phase out 120 tonnes of CFC-11.
525,000	0	426,000	0.81	99,000	68,250	Ongoing. (A) Foam Industrial project was commissioned in mid-Nov 1995. Additional works and safety-related works are necessary. (B) Hyma Co. project is scheduled for commissioning 3Q96.
870,000	0	717,862	0.83	172,138	113,100	All five projects (TIBA-AIR, EGAT, SOLAR ENERGY, ISMAILIA ALUMINIUM, FU TECH) now progressing well; project completion foreseen in mid-1996.
780,000	0	0	0.00	0	101,400	Procurement activities encountered problems but projects will be completed by July 96. Project completion date rescheduled to 4Q96.
121,000	0	80,324	0.66	29,676	15,730	Subcontract signed with enterprise for local works. Metering and pumping system delivered. Project completion now targeted for 3Q96.
143,000	0	0	0.00	0	18,590	Project document being signed. Specifications under preparation.
25,000	1,730	26,730	1.07	0	3,250	National halons strategy and 2 banking/recycling proposals prepared in June 95. These will be revised to reflect the halon banking guidelines to be adopted by the ExCom. and be submitted for funding consideration.

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	EGY	REF	12	INV	027	AFR	Conversion to CFC-free technology in commercial refrigeration (5 enterprises)	225	Mar-94		Sep-95	Dec-96
UNDP	EGY	REF	15	INV	034	AFR	Two Enterprises (MOG, ROYAL): Eliminate CFCs in manufacture of commercial refrigeration equipment	32	Dec-94		Mar-96	Sep-96
UNDP	EGY	REF	18	INV	037	AFR	Elimination of CFCs 11 and 12 in the manufacture of commercial refrigeration equipment at United Investment Corp. Inc.	49	Nov-95		May-97	May-97
UNDP	EGY	REF	18	INV	038	AFR	Elimination of CFCs 11 and 12 in the manufacture of commercial refrigeration equipment at Refcat, Co. Inc.	27	Nov-95		May-97	May-97
UNDP	EGY	LEV	16	PRP	044	AFR	Project preparation assistance	0	Nov-95		Nov-96	Nov-96
UNDP	ETH	SEV	17	PRP	002	AFR	Project preparation assistance	0	Jul-95		Jun-96	Dec-96
UNDP	GHA	FOA	12	INV	007	AFR	Umbrella project to continue CFC-free technology in the manufacture of flexible PUF at four enterprises	316	Mar-94		Sep-95	Dec-96
UNDP	GHA	REF	08	TAS	004	AFR	Improved servicing and maintenance within the refrigeration sector	0	Oct-92		Dec-95	Jul-96
UNDP	GHA	SEV	08	INS	005	AFR	Institutional strengthening	0	Oct-92		Dec-95	Jun-96

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
2,100,000	0	111,234	0.05	1,988,766	273,000	Except for SCIB, all quotations received for ICON, RETRUCK, MISA PANEL & AL-FATEH are \$200,000 over budget. Negotiations with enterprises underway. Project completion delayed to Dec 96.
1,023,000	0	57,217	0.06	965,783	132,990	Quotations received exceeded project budget for both enterprises. Negotiations underway. Project completion likely to be delayed.
493,350	0	0	0.00	0	64,136	Project document being signed. Implementation details being finalized with enterprise.
409,000	0	0	0.00	0	53,170	Project document being signed. Implementation details being finalized with enterprise.
20,000	0	0	0.00	0	2,600	Project preparation mission will be fielded during 2Q96 to review remaining activities in various foam sub-sectors.
30,000	0	0	0.00	10,000	3,900	Subcontract arrangement being discussed. Activities will start as soon as local component issue is resolved and CP is ready.
345,000	0	10,414	0.03	334,586	44,850	Delay due to very slow progress made to specify ventilation requirements and carry out local works. UNOPS is sending reminders regularly. Project completion extended to Dec 96.
328,000	0	270,000	0.82	58,000	42,640	A series of 10 training workshops for local refrigeration technicians on improved practices completed. Remaining funds to be used for the monitoring of the activities.
160,000	0	128,200	0.80	31,800	20,800	An ozone unit has been created and national staff appointed. They are now directing and supervising implementation of the Ghana Country Programme.

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	GUA	REF	15	INV	007	LAC	IMCA: Eliminate CFC-11/12 in manufacture of commercial refrigeration equipment	4	Dec-94		Jun-96	Dec-96
UNDP	GUA	REF	15	INV	008	LAC	REFRIGUA: Eliminate CFC-11/12 in manufacture of commercial refrigeration equipment	24	Dec-94		Jun-96	Dec-96
UNDP	GUA	REF	18	INV	009	LAC	Implementation of a national programme for recovery and recycling of refrigerant	26	Nov-95		May-97	May-97
UNDP	IND	FOA	12	INV	016	ASP	Camphor & Allied Products Ltd.: Phaseout use of CFCs in the manufacture of extruded polyethylene foam sheet	120	Mar-94		Jun-95	Dec-95
UNDP	IND	FOA	12	INV	017	ASP	Sunpra Ltd.: Phaseout use of CFCs in the manufacture of rigid PUF panels	20	Mar-94		Sep-95	Jun-96
UNDP	IND	FOA	12	INV	018	ASP	Eagle Flask Industries Ltd.: Phaseout use of CFCs in the manufacture of rigid PUF for thermoware	20	Mar-94		Jun-95	Dec-96
UNDP	IND	FOA	13	INV	027	ASP	Bakelite Hylam Ltd.: Phaseout CFCs in the manufacture of phenolic foam and foam products	58	Jul-94		Dec-95	Mar-97
UNDP	IND	FOA	13	INV	030	ASP	U-Foam Private Ltd.: Phaseout CFC use in the manufacture of polyurethane foams	35	Jul-94		Dec-95	Dec-96

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
155,017	0	73,000	0.47	82,017	20,152	For the refrigeration part, the equipment was shipped and delivered. For the foam part, agreement was reached on retroactive reimbursement of the activities undertaken. Test trials being carried out by the company. Refr Consultant will visit in Apr 96.
194,866	0	104,221	0.53	90,645	25,333	For the refrigeration part, the equipment was shipped and delivered. For the foam part, agreement was reached on retroactive reimbursement of the activities undertaken. Test trials being carried out by the company. Refr. Consultant will visit in Apr 96.
255,780	0	3,881	0.02	200,000	33,381	Newly approved. First visit to draw up the specs for equipment was undertaken in Feb 96.
280,000	0	273,091	0.98	6,909	36,400	Project operationally completed and was commissioned in Dec 95. Sector expert will undertake post-completion evaluation mission in April 96.
414,000	0	278,228	0.67	135,772	53,820	Equipment will be delivered in early May 96. Project commissioning scheduled for June 1996.
365,000	0	187,063	0.51	177,937	47,450	Equipment procured; some retrofitting works being undertaken by enterprise. Expert monitoring visit planned for May 96. Project completion targeted for 4Q96.
367,000	0	356,000	0.97	11,000	47,710	Turn-key contract signed with existing equipment supplier; local works and procurement activities underway. Project completion targeted for 1Q97.
328,500	0	0	0.00	328,500	42,705	Procurement activities on hold due to company's insistence on inclusion of a pre-mixer under the project funding. Issue will be resolved shortly.

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	IND	FOA	13	TAS	029	ASP	Strategy and action programme for the elimination of CFCs in the manufacture of foams	0	Jul-94		Dec-95	Dec-96
UNDP	IND	HAL	13	DEM	028	ASP	Demonstration and evaluation of alternative technologies for halon fire protection systems and TA for sectoral ODS phaseout strategy	0	Jul-94		Sep-97	Sep-97
UNDP	IND	SEV	08	INS	002	ASP	Institutional strengthening	0	Oct-92		Mar-96	Dec-96
UNDP	IND	SEV	11	TAS	011	ASP	Survey of ODS use in small-scale and informal sectors, data base generation and ODS transition management planning	0	Nov-93		Dec-94	Jul-96
UNDP	IND	LEV	18	PRP	067	ASP	Project preparation assistance	0	Nov-95		Nov-96	Nov-96
UNDP	IDS	FOA	17	INV	032	ASP	FIERINDO: Eliminate CFCs in the manufacture of rigid PUF for cold storage	11	Jul-95		Jun-96	Dec-96
UNDP	IDS	FOA	18	INV	034	ASP	Elimination of CFCs in the manufacture of rigid PUF for coolers/thermosware at P.T. Merah Delima	27	Nov-95		May-97	May-97

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
200,000	0	0	0.00	200,000	26,000	TORs for international and national experts finalized and workplan prepared. However, recruitment activities cannot be finalized pending signature of project document by Government.
309,000	0	27,838	0.09	100,000	40,170	A draft strategy report is currently under review and expected to be finalized in April 96.
430,600	0	243,304	0.57	187,296	55,978	The Ozone Cell is coordinating the implementation of the CP, and serves as Secretariat to National Steering Committee. Project will be extended till end 1996 within existing funds.
120,000	0	108,000	0.90	12,000	15,600	A total of 8,967 units were surveyed in all sectors. The draft survey report completed in late-May 1995. MOEF informed that major issues remain to be resolved and these are under discussions. Finalization of the report is thus delayed.
100,000	0	4,307	0.04	95,693	13,000	A follow-up visit in February 96 completed the formulation of 8 rigid foam projects, including one umbrella project for SMEs. These were endorsed by MOEF for presentation to the 19th ExCom. A project formation visit is scheduled for May 1996.
55,000	0	0	0.00	55,000	7,150	Govt. agreed to OPS execution modality. Project document being signed in 04/96. An implementation visit in Feb. 96 visited the plant. Specifications being prepared. Project completion rescheduled to 4Q96.
173,000	0	0	0.00	173,000	22,490	Govt. agreed to OPS execution modality. Project document being signed in 04/96. An implementation visit in Feb. 96 visited the plant. Specifications under preparation.

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	IDS	SEV	10	INS	005	ASF	Institutional strengthening	0	Jun-93		Dec-96	Dec-96
UNDP	IDS	SEV	15	PRP	028	ASP	Project preparation assistance in solvents, halons and the refrigeration sectors	0	Dec-94		Dec-95	Mar-96
UNDP	IDS	SOL	15	INV	025	ASP	Eliminate TCA and CFC-113 use in the manufacture of metal and plastic motorcycle parts at PT-KGD Indonesia Inc.	4	Dec-94		Jun-96	Jun-96
UNDP	IDS	ZEV	18	PRP	041	ASP	Project preparation assistance	0	Nov-95		Nov-96	Nov-96
UNDP	IRA	SEV	08	INS	004	ASP	Institutional strengthening	0	Oct-92		Mar-96	Dec-96
UNDP	JAM	REF	18	TAS	003	LAC	Implementation of a national programme for recovery and recycling of refrigerant	17	Nov-95		May-97	May-97
UNDP	JAM	SEV	14	PRP	002	LAC	Project preparation assistance	0	Sep-94		Dec-95	Dec-96
UNDP	KEN	SEV	09	INS	003	AFR	Institutional strengthening	0	Mar-93		Dec-96	Dec-96

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
314,780	0	162,049	0.51	152,731	40,921	Several meetings were held between Govt. and UNDP to discuss project progress and problems identified. 1996 workplan was also discussed and priorities set.
100,000	0	37,127	0.37	62,873	13,000	Several projects in com. ref. were identified, 2 were approved at 17th and 18th ExCom. Most funds exhausted and full disbursement records awaited.
88,000	0	0	0.00	88,000	11,440	Project document not yet signed. Enterprise now informs UNDP that conversion activity has been completed and a different technology has been adopted. Govt. following up with enterprise; official decision awaited.
50,000	0	0	0.00	50,000	6,500	UNDP Foam Expert discussed existing pipeline projects with Govt.; several potential projects were identified and enterprises visited. A follow-up visit is scheduled in May 96 to formulate projects.
200,200	0	71,675	0.36	128,525	26,026	Project expenditures and progress being reviewed with Govt. Project duration to be extended to Dec 96 within existing budget.
172,465	0	4,409	0.03	150,000	22,420	Newly approved. First visit to draw up the specs for equipment was undertaken in Feb 96.
30,000	0	20,100	0.67	9,900	3,900	Ongoing. A visit by UNDP's consultant in recovery/recycling of refrigerant resulted in a project being approved at the 18th ExCom Meeting. Visit by polystyrene expert was requested by Govt and will take place in May or June 1996.
175,000	0	70,550	0.40	104,450	22,750	Since startup, members of MACODS (through the Ozone Office) have been involved with formulation/approval of UNDP, UNEP and UNIDO projects. The Ozone Office is fully staffed and is fully operational.

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	MLW	REF	17	PRP	003	AFR	Project preparation assistance	0	Jul-95		Jun-96	Jun-96
UNDP	MLW	LEV	18	PRP	004	AFR	Project preparation assistance	0	Nov-95		Nov-96	Nov-96
UNDP	MAL	ARS	12	TAS	030	ASP	Aerosols safety and technical programme to aid manufacturers of aerosol products	0	Mar-94		Dec-95	Dec-95
UNDP	MAL	ARS	17	INV	060	ASP	MAYA CHEMICAL INDUSTRIES: Conversion to hydrocarbon technology in the manufacture of aerosol products	13	Jul-95		Jun-96	Nov-95
UNDP	MAL	ARS	18	INV	064	ASP	Alloychem Malaysia Sdn., Bhd., aerosol conversion project	29	Nov-95		May-97	May-97
UNDP	MAL	FOA	11	INV	016	ASP	Elimination of CFC-11 in the manufacture of pre-insulation pipe panel and slabstock PUR at Insafoam Insulation Company	17	Nov-93		Dec-94	Nov-95
UNDP	MAL	FOA	11	INV	021	ASP	Eliminate CFC-12 in manufacture of extruded polystyrene and polyethylene foam sheet at Associated Air-Pack Industries	50	Nov-93		Dec-94	Nov-95
UNDP	MAL	FOA	12	INV	022	ASP	Cycle World elimination of CFCs in the manufacture of the polyurethane insulated panels	45	Mar-94		Jan-95	Jul-96

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
12,500	0	4,963	0.40	7,537	1,625	A second visit by refrigerant recycling expert in January 96 resulted in a project submitted to the 19th EXCOM for approval.
7,000	0	904	0.13	7,000	910	Formulation mission by foam consultant scheduled for 3Q96.
145,700	0	77,507	0.53	68,193	18,941	Project operationally complete. 2nd technology/safety workshop was conducted 6-8 Nov. Last safety audits conducted. Safety Manual prepared & distributed. Measures to assist SMEs were discussed/adopted due to CFC ban effective 1997. Accounts still open.
37,808	0	0	0.00	37,808	4,915	Project operationally completed. Project implemented under reimbursement modality. Expert inspected plant in Nov. 95; Certificate of Completion signed. A UNOPS visit in 04/96 will review all documentation. Project Hand-over expected at that time.
99,500	0	0	0.00	99,500	12,935	Project document being signed. Specifications under preparation.
310,000	0	307,938	0.99	2,062	40,300	Project operationally completed and was commissioned in Nov 95. Financial closing awaited.
234,000	20,900	186,761	0.80	47,239	30,420	Project operationally completed. In Nov. 95, UNDP Expert inspected all works and supervised the extruder retrofitting. Add'l ventilation works required. Certificate of Substantial Completion signed. Commissioning targeted for May 96. Accounts still open.
353,000	0	285,097	0.81	67,903	45,890	Project encountered start-up difficulties. Equipment delivery expected in early June 96. Project completion targeted for July 96.

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	MAL	FOA	12	INV	023	ASP	Pulai Lampak Industries: Elimination of CFC-12 in the manufacture of extruded polyethylene foam sheet	50	Mar-94		Mar-95	Jul-96
UNDP	MAL	FOA	12	INV	025	ASP	P. U. Mate: Elimination of CFCs in the manufacture of integral skin PUF	10	Mar-94		Jun-95	Jul-96
UNDP	MAL	FOA	12	INV	033	ASP	Phaseout use of CFCs in the manufacture of flexible polyurethane foam (slabstock) at small-scale producers	80	Mar-94		Sep-95	Dec-96
UNDP	MAL	FOA	13	INV	038	ASP	Wong Brothers Electrical and Refrigeration: Elimination of CFC-11 in manufacture of rigid PUF panels for cold storage	35	Jul-94		Dec-95	Jul-96
UNDP	MAL	FOA	13	INV	039	ASP	Eversoft Foam Industries: Elimination of CFC-11 in the manufacture of cold cure molded flexible PUF	30	Jul-94		Dec-95	Jul-96
UNDP	MAL	FOA	13	INV	040	ASP	Nian Aik Foam: Elimination of CFC-11 in the manufacture of cold cure molded flexible PUF	30	Jul-94		Jul-95	Jul-96
UNDP	MAL	FOA	13	INV	041	ASP	Pangkat Refrigeration Industries: Elimination of CFC-11 in the manufacture of commercial refrigerators	20	Jul-94		Dec-95	Jul-96
UNDP	MAL	FOA	13	INV	043	ASP	Allied Foam Insulation: Elimination of CFC-11 in the manufacture of cold cure molded PUF	25	Jul-94		Dec-95	Jul-96
UNDP	MAL	FOA	15	INV	046	ASP	Saferay: Phaseout CFCs in the manufacture of rigid foam for use as imitation wood	11	Dec-94		Nov-95	Jul-96
UNDP	MAL	FOA	15	INV	047	ASP	Ricwil: Phaseout CFC-11 in the manufacture of pipe insulation	25	Dec-94		Nov-95	Mar-96

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
355,000	0	402,291	1.13	0	46,150	Equipment delivery expected early May 96. Gas storage, piping and ventilation works almost completed. UNDP Expert to inspect works and supervise extruder retrofitting in May 96. Project commissioning targeted for July 96.
113,000	0	0	0.00	113,000	14,690	Project implemented by enterprise under reimbursement modality. Equipment delivery was delayed till Feb. 96. Project completion targeted for July 1996.
1,045,000	0	952,500	0.91	92,500	135,850	Workshops on safe handling of MC will be conducted in April and May 1996 followed by plant visits to customize ventilation works. Project completion in end 1996.
299,000	0	0	0.00	299,000	38,870	Project being implemented by the enterprise under the reimbursement modality. Equipment delivery expected in 2Q96. Project scheduled for commissioning in July 1996.
185,000	0	135,551	0.73	49,449	24,050	Equipment delivery expected in 2Q96. Project is scheduled for commissioning in July 1996.
245,000	0	104,459	0.43	140,541	31,850	Equipment delivery expected in June 96. Project completion rescheduled for July 1996.
210,000	0	181,341	0.86	28,659	27,300	Equipment delivery expected in June 1996. Project completion rescheduled for July 96.
276,000	0	216,715	0.79	59,285	35,890	Some project startup difficulties encountered. Equipment delivery expected in June 96. Project completion scheduled for July 96.
246,000	0	226,949	0.92	19,051	31,980	Equipment delivery expected in June 96. Project completion rescheduled for July 96.
118,000	0	0	0.00	118,000	15,340	Project operationally completed. Project implemented enterprise under the reimbursement modality. UNDP Expert inspected the plant in February 96; minor works required. Final commissioning in May 1996.

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	MAL	FOA	15	INV	048	ASP	Dream Product: Elimination of CFCs in the manufacture of moulded and flexible PU foams	15	Dec-94		Nov-95	May-96
UNDP	MAL	FOA	15	INV	049	ASP	Rigid Foam Industries: Phaseout CFCs in manufacture of rigid foam panels	19	Dec-94		Nov-95	Jul-96
UNDP	MAL	FOA	15	INV	050	ASP	Leading Refrigeration & Eng.: Eliminate CFCs in manufacture of rigid foam panels & shipyard insulation works	10	Dec-94		Nov-95	Nov-95
UNDP	MAL	FOA	15	INV	056	ASP	Shaya Cooling Technology: Phaseout use of CFCs in the manufacture of rigid PU panels	24	Dec-94		Nov-95	Jul-96
UNDP	MAL	FOA	17	INV	061	ASP	URETHANE TECHNOLOGIES SDN BHD: Eliminate CFCs in manufacture of cold cure PUF molded products	35	Jul-95		Dec-96	Dec-96
UNDP	MAL	FOA	18	INV	065	ASP	Elimination of CFCs in the manufacture of integral skin PUF at Artright Technology Sdn.	6	Nov-95		May-97	May-97
UNDP	MAL	FOA	18	INV	066	ASP	Elimination of CFCs in the manufacture of cold cured/integral skin PUF molded at Mada Murni Sdn., Bhd.	21	Nov-95		May-97	May-97
UNDP	MAL	FOA	18	INV	067	ASP	Elimination of CFCs in the manufacture of molded/integral skin PUF at Bristol Sdn. Bhd.	8	Nov-95		May-97	May-97
UNDP	MAL	FOA	18	INV	068	ASP	Elimination of CFCs in the manufacture of integral skin PUF at Sze Chuan Sdn. Bhd.	6	Nov-95		May-97	May-97
UNDP	MAL	FOA	18	INV	070	ASP	Elimination of CFCs in the manufacture of rigid polyurethane foam at TM Cooling Technology	10	Nov-95		May-97	May-97

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
66,500	0	0	0.00	66,500	8,645	Project being implemented by enterprise under reimbursement modality. UNDP expert provided extensive advice on cold-cure molding formulations. Ventilation works for slabstock line underway. Plant will be inspected by expert in May for commissioning.
335,000	0	143,274	0.43	191,726	43,550	Equipment delivery expected in early 1996. Project completion scheduled for July 96.
214,000	0	191,709	0.90	22,291	27,820	Project operationally completed. UNDP Expert inspected the equipment installation and the project was commissioned in Nov 1995. Financial closing awaited.
190,000	0	161,873	0.85	28,127	24,760	Equipment delivery expected in June 96. Project completion rescheduled for July 96.
199,000	0	0	0.00	199,000	25,870	Equipment specifications under preparation. Procurement activity to start soon.
90,320	0	0	0.00	90,320	11,742	Project document being signed. Implementation mission scheduled in early May 1996 to prepare specifications and finalize implementation plans.
236,500	0	0	0.00	236,500	30,745	Project document being signed. Implementation mission scheduled in early May 1996 to prepare specifications and finalize implementation plans.
123,400	0	0	0.00	123,400	16,042	Project document being signed. Implementation mission scheduled in early May 1996 to prepare specifications and finalize implementation plans.
96,000	0	0	0.00	96,000	12,480	Project document being signed. Implementation mission scheduled in early May 1996 to prepare specifications and finalize implementation plans.
78,000	0	0	0.00	78,000	10,140	Project document being signed. Implementation mission scheduled in early May 1996 to prepare specifications and finalize implementation plans.

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	MAL	FOA	18	INV	071	ASP	Elimination of CFCs in the manufacture of rigid polyurethane foam decorative products at Florafoam Marketing Sdn., Bhd.	23	Nov-95		May-97	May-97
UNDP	MAL	MAL	18	INV	072	ASP	Conversion of production of portable fire extinguishers at Eversafe	574	Nov-95		May-97	May-97
UNDP	MAL	REF	12	INV	029	ASP	Eliminate CFC-11 and CFC-12 in the manufacture of home refrigerators at Sharp-Roxy	65	Mar-94		Jun-96	Jun-96
UNDP	MAL	REF	13	INV	037	ASP	United: Eliminate CFCs in commercial refrigeration products	71	Jul-94		Dec-95	Dec-96
UNDP	MAL	REF	13	INV	042	ASP	OYL Appliances: Elimination of CFC-11 and CFC-12 in the manufacture of refrigerators	22	Jul-94		Dec-95	Dec-96
UNDP	MAL	REF	13	INV	045	ASP	Lian Fang: Eliminate CFCs in the manufacture of commercial refrigerator products	10	Jul-94		Dec-95	Dec-96
UNDP	MAL	REF	10	INV	073	ASP	Umbrella project for elimination of CFCs 11 and 12 in the manufacture of commercial refrigeration at 4 small enterprises: Lim Yew, Exquisite, Nobleslane, FMC	45	Nov-95		May-97	May-97
UNDP	MAL	REF	10	INV	074	ASP	Elimination of CFCs 11 and 12 in the manufacture of domestic refrigerators at Sanyo Industries (Malaysia) Berhad	13	Nov-95		May-97	May-97
UNDP	MAL	SEV	09	INS	008	ASP	Institutional strengthening	0	Mar-93		Sep-96	Dec-96

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
152,000	0	0	0.00	152,000	19,760	Project document being signed. Implementation mission scheduled in early May 1996 to prepare specifications and finalize implementation plans.
179,586	0	0	0.00	179,586	23,346	Project document being signed. Project to be implemented under reimbursement modality.
962,000	0	75,423	0.08	886,577	125,060	Project operationally completed. UNDP Foam Expert inspected the plant in Nov 95. Cyclopentane machine and related safety installations and the switch to R134a refrigerant completed. Some issues not yet resolved; an OPS visit in April 96 is scheduled.
351,200	0	37,205	0.11	313,995	45,656	Refrigeration equipment being procured. The foam part will now be under reimbursement modality. Project completion targeted for 4Q96.
625,160	0	352,356	0.56	272,744	81,263	Procurement of foam equipment and building modifications underway. Refrigerant expert will visit plant in early April 1996. Project scheduled for commissioning 4Q96.
201,100	0	142,759	0.71	58,342	26,143	Equipment to be delivered in June 1996. Project completion now targeted for 4Q96.
680,000	0	0	0.00	400,000	88,400	Project document being signed. Specifications for refrigeration equipment under preparation; implementation visit by foam expert in May 96.
183,260	0	0	0.00	183,260	23,824	Project document being signed. Implementation visits in March and May will finalize implementation arrangements with enterprise.
322,520	0	115,920	0.36	206,600	41,928	Project expenditures and progress under review. Project duration to be extended to 4Q96 within project budget.

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	MAL	SEV	15	PRP	052	ASP	Project preparation assistance	0	Dec-94		Dec-95	Dec-95
UNDP	MAL	LEV	19	PRP	083	ASP	Project preparation assistance	0	Nov-95		Nov-96	Nov-96
UNDP	MAR	ARS	12	INV	003	AFR	Compagnie manufacturiere de produits cosmetiques Itee (COMANU)	25	Mar-94		Jun-95	Jul-96
UNDP	MAR	REF	15	INV	005	AFR	Slyfridge: Eliminate CFC-11 and CFC-12 in the manufacture of domestic refrigerators	2	Dec-94		Jun-96	Dec-96
UNDP	MAR	REF	15	INV	006	AFR	Bahemia: Eliminate CFC-11 and CFC-12 in the manufacture of domestic refrigerators	3	Dec-94		Jun-96	Dec-96
UNDP	MAR	REF	17	TAS	007	AFR	National CFC-12 recovery and recycling programme and demonstration of retrofit technology in com. refrig.	8	Jul-95		Dec-96	Dec-96
UNDP	MEX	FOA	18	INV	037	LAC	Conversion to CFC-free technology in the manufacture of polyurethane foam at Paneles	81	Nov-95		May-97	May-97
UNDP	MEX	FOA	18	INV	038	LAC	Conversion to CFC-free technology in the manufacture of insulated construction panels at Galvamet	89	Nov-95		May-97	May-97
UNDP	MEX	REF	15	INV	030	LAC	Elimination of CFCs in the manufacture of domestic refrigerators at MABE Group	391	Dec-94		Mar-96	Dec-96

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
100,000	0	80,000	0.80	20,000	13,000	1 aerosol and 1 foam projects were approved at 17th ExCom; and 10 projects in the aerosol, halon, foams, domestic and commercial refrigeration sectors were approved at the 18th ExCom. Two national experts are recruited for project identification.
18,000	0	0	0.00	18,000	2,340	Newly approved
62,150	0	0	0.00	62,150	8,080	Works to be inspected by local safety authorities. Final commissioning expected.
197,208	0	158,910	0.81	38,298	25,637	Equipment procured. Experts visits scheduled for July 1996 for technical assistance in testing/production trials/training. Project completion now targeted for 4Q96.
213,500	0	101,190	0.47	112,310	27,755	Equipment procured. Experts visits scheduled for July 1996 for technical assistance in testing/production trials/training. Project completion now targeted for 4Q96.
176,350	0	0	0.00	176,350	22,926	Project document being signed. Specifications under review by Govt. Implementation arrangements being discussed with the government authority.
100,000	0	0	0.00	70,000	13,000	Newly approved. Specs for equipment should be prepared by April 96.
195,500	0	0	0.00	195,000	25,415	Newly approved. Project being implemented on a retroactive basis. Invoices for expenditures already incurred being reviewed by UNDP consultant, and local works being arranged by the company.
4,495,689	0	3,255,137	0.72	1,240,552	584,440	UNOPS staff visited in Jul/Aug/Nov 95. For ASTRAL and ENRESA, equipment has been procured and local works are underway with end-96 as completion date. The COMASA compressor subproject was commissioned in Nov 1995.

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	MEX	REF	15	INV	031	LAC	Eliminate CFCs in manufacture of domestic refrigerators at the VITRO Group	415	Dec-94		Jun-96	Dec-96
UNDP	MEX	REF	18	TAS	039	LAC	Recovery of CFC-12 in the servicing of domestic refrigerators at Vitromatic Comercial y Servicios Integrados	0	Nov-95		May-97	May-97
UNDP	MEX	SEV	17	INS	036	LAC	Institutional Strengthening Project (Phase 2)	0	Jul-95		Apr-96	Apr-96
UNDP	MEX	SEV	17	PRP	035	LAC	Project preparation assistance	0	Jul-95		Dec-96	Dec-96
UNDP	MEX	SOL	15	INV	032	LAC	Elimination of TCA from precision cleaning processes at Lucas Diesel	3	Dec-94		Dec-95	Sep-96
UNDP	MEX	SOL	15	INV	033	LAC	Elimination of CFC-113 from the textile cleaning processes at Procesadora y Revitalizadora	3	Dec-94		Dec-95	Jun-96
UNDP	MEX	SEV	18	PRP	041	LAC	Project preparation assistance	0	Nov-95		Nov-96	Nov-96
UNDP	NIR	SEV	09	INS	004	AFR	Institutional strengthening	0	Mar-93		Sep-96	Dec-97

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur- sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
3,639,926	0	987,908	0.27	2,651,918	473,177	UNOPS staff visited in Jul/Aug/Nov 95. All equipment has been procured and local works are under way. Pilot production started. FACOSA compressors was taken over by Danfoss (Denmark) and funds for that subproject will be returned to the ExCom.
352,610	0	315,000	0.89	37,610	45,839	Newly approved. Being implemented under the national execution modality. All equipment already procured, and series of workshops being carried out in March 96. Monitoring of recovered refrigerant will be carried out under supervision by INE.
47,500	0	47,500	1.00	0	6,175	Project approved in July 95. Project is nationally executed. Extension for another 6 months being requested at 19th ExComm meeting.
48,000	0	11,700	0.29	28,300	5,200	Project approved in July 95. 1 project approved at the 18th ExCom, another awaits funding at the 19th ExCom and a third project has been submitted for approval.
168,000	0	43,766	0.26	124,234	21,840	Contract was issued for the company to carry out procurement and local local works. Guidance being provided by UNDP's solvent expert. Reimbursement of costs at project completion around Sep-1996.
71,337	0	53,739	0.75	17,598	9,274	OPS has purchased the equipment and local works are being undertaken. Project to be completed by Jun-1996.
10,000	0	0	0.00	10,000	1,300	Newly approved.
300,000	0	111,174	0.37	100,000	39,000	In 1995 equipment was procured and staff recruited. A 1996 workplan has been prepared during a monitoring visit by UNDP-Lagos in Dec 95. Main thrust in 1996 will be training, public awareness and sector studies.

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	NIR	SEV	17	PRP	008	AFR	Project preparation assistance	0	Jul-95		Sep-96	Sep-96
UNDP	PAK	SEV	14	INS	005	ASP	Institutional strengthening	0	Sep-94		Dec-97	Dec-97
UNDP	PAN	FOA	13	INV	005	LAC	Elimination of CFC-11 in the manufacture of flexible and rigid PUF in Elastifoam, Profomea and Thermofoam	26	Jul-94		Dec-95	Dec-96
UNDP	PAN	REF	18	TAS	006	LAC	Implementation of a national programme for recovery and recycling of refrigerant	17	Nov-95		May-97	May-97
UNDP	PAN	EEV	18	PRP	007	LAC	Project preparation assistance	0	Nov-95		Nov-96	Nov-96
UNDP	PER	FOA	17	INV	009	LAC	Elimination of CFC-12 in the production of polystyrene foam at PROMOLA (Productos Moldeados America S.R. LTDA)	40	Jul-95		Dec-96	Dec-96
UNDP	PER	REF	15	INV	003	LAC	Eliminate CFC-11/12 in the manufacture of domestic refrigerators at Industrias Alfa	7	Dec-94		Jun-96	Jun-97
UNDP	PER	REF	15	INV	004	LAC	Eliminate CFC-11/12 in the manufacture of domestic refrigerators at ANDINA Industrial	5	Dec-94		Jun-96	Dec-96
UNDP	PER	REF	15	INV	005	LAC	Eliminate CFC-11/12 in the manufacture of domestic refrigerators at COLDEX	67	Dec-94		Jun-96	Dec-96
UNDP	PER	REF	15	INV	006	LAC	Eliminate CFC-11/12 in the manufacture of domestic refrigerators at Industrias Lenche (INLENZA)	6	Dec-94		Jun-96	Jun-97

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
50,000	0	25,000	0.50	25,000	6,500	Subcontract with local company was signed and identification visit by UNDP staff and Foam Consultant scheduled for April 96.
259,000	0	0	0.00	50,000	33,670	Recruitment actions underway. Workplan prepared. Awaiting record of financial disbursements.
155,000	0	40,000	0.26	155,000	20,150	THERMOFOAM's equipment will be purchased by April 96, PROFOMSA has not yet sent requested quotes for local work and PLASTIFOAM's equipment will be purchased in May 96.
172,465	0	5,560	0.03	140,000	22,420	Newly approved. Implementation visit took place in Feb 96 to draw up the equipment specifications.
10,000	0	0	0.00	10,000	1,360	Newly approved. Formulation of polystyrene foam project is under way.
294,960	0	0	0.00	294,960	38,345	Equipment was purchased by the company and a subcontract covering the local works is being issued (end-March). Project should be implemented on schedule.
252,727	0	66,541	0.26	150,000	32,855	For the refrigeration part, the purchase order has been issued and equipment will be shipped on 15 March 96. As for the foam part, the bid analysis is currently taking place.
229,816	0	133,666	0.58	70,000	29,876	For the refrigeration part, the equipment was delivered. For the foam part, the bid analysis was carried out and the equipment shipped in Feb 96.
748,966	0	269,744	0.36	400,000	97,366	For the refrigeration part, the purchase order has been issued and equipment will be shipped on 15 March 96. Bid analysis done. As for the foam part, a decision on the selection of the foam supplier is awaited.
201,443	0	43,840	0.22	140,000	26,188	Refrigeration equipment was shipped in March 96. For foam equipment, a cash contribution by the company is awaited before purchase can take place.

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	PER	REF	15	INV	007	LAC	Eliminate CFC-11/12 in the manufacture of domestic refrigerators at Industrias Reunidas (INRESA)	17	Dec-94		Jun-96	Dec-96
UNDP	PER	REF	15	INV	008	LAC	Eliminate CFC-11/12 in the manufacture of domestic refrigerators at Industrial Selva (INDUSEL)	35	Dec-94		Jun-96	Dec-96
UNDP	PHI	FOA	12	INV	026	ASP	Technical assistance programme for the elimination of CFC use at small manufacturers of flexible foam	35	Mar-94		Dec-95	Dec-96
UNDP	PHI	FOA	12	INV	027	ASP	Elimination of the residual use of CFCs in the manufacture of extruded polystyrene foam sheet (three companies)	24	Mar-94		Jun-95	Dec-96
UNDP	PHI	FOA	12	INV	028	ASP	Nikon Industrial Corporation: Phaseout use of CFCs in the manufacture of rigid PUF for thermoware.	15	Mar-94		Jun-95	Dec-95
UNDP	PHI	FOA	13	INV	031	ASP	Foamcraft: Phaseout of CFCs in the manufacture of flexible PUFs (slabstock)	90	Jul-94		Dec-95	Dec-96
UNDP	PHI	FOA	13	INV	032	ASP	Metal Forming Corp: Phaseout CFCs in the manufacture of polyurethane insulated building elements	50	Jul-94		Sep-95	Dec-96
UNDP	PHI	FOA	13	INV	034	ASP	Elimination of the residual use of CFCs in the manufacture of extruded polystyrene foam sheets - Styrotech	25	Jul-94		Jun-95	Dec-96
UNDP	PHI	FOA	17	INV	037	ASP	MANDAUE: Residual phaseout of CFCs in the manufacture of flexible polyurethane foam (slabstock)	228	Jul-95		Dec-96	Dec-96

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
267,641	0	50,605	0.19	170,000	34,793	Project being implemented by recipient through turn-key operation. As soon as finalized, UNDP consultant will inspect the plant, and company can be reimbursed.
412,098	0	124,559	0.30	250,000	53,573	For the refrigeration part, purchase orders were issued and equipment was shipped in March 96. For the foam part, the company wants to select different vendor than the successful bidder and discussions are under way.
745,000	0	2,000	0.00	200,000	96,850	Procurement is underway. Discussions with suppliers regarding patent for technology needed to redesign existing equipment.
505,000	0	5,000	0.01	440,000	65,650	Procurement is underway. Delays due to need for redesigning of safety equipment retrofits to generate bid offers from suppliers.
315,000	0	240,275	0.79	265,000	40,950	Project commissioned in Sept. 95. Company reimbursed for test trials and incremental operating costs. Follow-up visit to be conducted by expert in 3Q96 and project to be closed.
185,000	0	5,000	0.03	150,000	24,050	Procurement is under way by Recipient Company and OPS contract to be signed with the company for procurement/works.
305,000	0	196,543	0.64	220,000	39,650	Equipment procured and first phase completed. Recipient company will move to full water-based systems.
60,000	0	0	0.00	60,000	7,800	Procurement is underway. Delays due to need for redesigning of safety equipment retrofits to generate bid offers from suppliers.
217,000	0	0	0.00	170,000	28,210	Project document signed. Recipient Company is considering cardiac LCD and technology selection to be finalized and specs to be drafted thereafter.

Agency	Country Code	Sector Code	Mty Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implem nted	Reviewed Date Implem nted
UNDP	PHI	FOA	18	INV	037	ASP	Residual phaseout of CFCs in the manufacture of FUF foam at RGC Foam Group (Polyfoam/Uratex)	70	Nov-95		May-97	May-97
UNDP	PHI	HAL	18	INV	038	ASP	Umbrella project for the conversion of production of portable halon fire extinguishers of members companies of Fire Protectors Federation Inc.	77	Nov-95		May-97	May-97
UNDP	PHI	REF	13	INV	029	ASP	Unimagma: Phaseout use of CFCs in the manufacture of commercial refrigerators and ice boxes	30	Jul-94		Dec-95	Dec-96
UNDP	PHI	REF	18	INV	039	ASP	Elimination of CFCs 11 and 12 in the manufacture of domestic refrigerators at Matsushita Electric Philippines Corporation (Mepco)	47	Nov-95		May-97	May-97
UNDP	PHI	SEV	11	TAS	022	ASP	Survey of ODS usage, data base generation and TA for ODS phaseout for small scale enterprises using ODS	0	Nov-93		Dec-94	Jun-96
UNDP	PHI	SEV	18	FRP	042	ASP	Project preparation assistance	0	Nov-95		Nov-96	Nov-96
UNDP	SRL	ARS	18	INV	007	ASP	Conversion to CFC-free hydrocarbon aerosol propellant technology at International Cosmetic Ltd. (ICL)	5	Nov-95		May-97	May-97
UNDP	SRL	REF	17	INV	004	ASP	Eliminate CFC-11 and CFC-12 in the manufacture of domestic refrigerators at ASSOCIATED ELECTRICAL CORPORATION (AEC)	7	Jul-95		Jun-97	Jun-97
UNDP	SRL	REF	17	INV	005	ASP	Eliminate CFC-11 and CFC-12 in the manufacture of domestic refrigerators at GLACIO Ltd.	7	Jul-95		Jun-97	Jun-97

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
650,000	0	0	0.00	400,000	24,500	PRODOC signed. Recipient Company is considering cardio. Technology selection to be finalized in 4Q96 and specs to be drafted thereafter. Completion by 2Q97.
114,108	0	0	0.00	0	14,834	Project document signed. National execution. UNDP/Manila, DENR/EMB and companies now drawing up workplan to be followed in implementing project.
1,015,700	0	708,631	0.70	307,069	132,041	Foam equipment to be delivered in second-half 1996. Local works/procurement by recipient company underway, under OPS contract. Completion/commissioning by Dec 96.
112,244	0	0	0.00	0	14,592	Newly approved
100,000	0	43,750	0.44	51,000	13,000	Phase 2 now in process. Expected completion date is 2Q96.
45,000	0	26,122	0.58	18,878	5,850	Projects submitted for approval by 19th EXCOM as result of Workshop and mission during 13-24 Jan/96 by expert/consultant/UNDP/national consultant.
38,968	0	0	0.00	38,968	5,066	Project document being signed. Specifications under preparation.
250,114	0	170,270	0.68	79,844	32,515	Refrigeration & foam equipment procured. Preparatory works underway by company for equipment installation. Project on schedule.
239,500	0	149,700	0.63	89,800	31,135	Refrigeration & foam equipment procured. Preparatory works underway by company for equipment installation. Project on schedule.

Agency	Country Code	Sector Code	Mty Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	SRL	REF	17	INV	006	ASP	Eliminate CFC-11 and CFC-12 in the manufacture of domestic refrigerators at REGNIS (LANKA) Ltd.	6	Jul-95		Jun-97	Jun-97
UNDP	SRL	SEV	12	INS	002	ASP	Institutional strengthening	0	Mar-94		Jun-97	Jun-97
UNDP	SRL	SEV	14	PRP	003	ASP	Project preparation assistance	0	Sep-94		Dec-95	Sep-96
UNDP	URT	SEV	17	PRP	004	AFR	Project preparation assistance	0	Jul-95		Sep-96	Sep-96
UNDP	THA	ARS	15	TAS	038	ASF	Safety and technical assistance programme to manufacturers of aerosol products	0	Dec-94		Dec-95	Dec-96
UNDP	THA	ARS	17	INV	045	ASF	Conversion to CFC-free technology in the manufacture of aerosol products at Packserv Co. Ltd.	155	Jul-95		Dec-95	Nov-95
UNDP	THA	ARS	17	INV	046	ASF	Conversion to CFC-free technology in the manufacture of aerosol products at Sanit & Sons Co. Ltd.	194	Jul-95		Dec-96	Dec-96

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
284,324	0	0	0.00	200,000	36,962	Implementation visit in May 96 to discuss with company and equipment supplier on local works design. Bid evaluation conducted, awaiting company's payment (518) to issue purchase order.
154,680	0	52,991	0.34	75,000	20,108	An analysis report of the survey done on refrigeration servicing sub-sector prepared and under review. Project progress was reviewed and discussed with Govt. in 12/95. 1996 workplan prepared. Detailed survey of all halon uses conducted.
30,000	0	22,000	0.73	8,000	3,900	An umbrella project covering 3 dom. ref. manufacturers, and 1 aerosol project have been approved at 17th and 18th ExCom. An expert visit is scheduled for end May 96 to finalize a national CFC recovery & recycling programme.
47,000	0	16,413	0.35	20,000	6,110	A second visit by sector expert to Tanzania in January 96. Data inputs came too late for project formulation. Project will be ready for 20th EXCOM meeting. Formulation visit for foam scheduled 3Q96.
127,000	0	8,640	0.07	60,000	16,510	The first national aerosol workshop is scheduled for 27-28 March 96. Implementation plans will be discussed with DIW. Issue of recruitment of national expert to be resolved.
474,705	0	353,604	0.74	121,101	61,712	Project operationally completed. Project implemented by enterprise under reimbursement modality. UNDP expert inspected the plant in Nov 95 and Certificate of Completion signed. Project Hand-over scheduled for 03/96.
582,100	0	508,804	0.87	73,296	75,673	UNDP experts provided assistance in aerosol formulations. Equipment procured. TOR and contract for local works to be discussed with company end March 96 during OPS visit.

Agency	Country Code	Sector Code	Mfg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implem-nted	Reviewed Date Implem-nted
UNDP	THA	FOA	12	INV	027	ASP	Mic-Cell Co. Ltd.: Elimination of CFC-12 and CFC-114 used in extruded polyethylene foam sheet	44	Mar-94		Jun-95	Jun-96
UNDP	THA	FOA	12	INV	029	ASP	Modular Compound: Eliminate use of CFCs in manufacture of laminated rigid PUF insulation panels	30	Mar-94		Jun-95	Sep-96
UNDP	THA	FOA	12	INV	031	ASP	Menger Panel: Eliminate use of CFCs in manufacture of laminated rigid PUF insulation panels.	15	Mar-94		Jun-95	Sep-96
UNDP	THA	FOA	13	INV	035	ASP	Lucky Group: Elimination of the use of CFCs in the manufacture of flexible PUF (slabstock)	187	Jul-94		Dec-95	Dec-96
UNDP	THA	FOA	13	INV	036	ASP	Ponsri: Elimination of CFC use in the manufacture of extruded polystyrene foam sheets	100	Jul-94		Dec-95	Apr-96
UNDP	THA	FOA	15	INV	041	ASP	Thai Union: Eliminate CFC use in manufacture of flexible PUF cold cured mouldings, integral skin mouldings and rigid PUF	45	Dec-94		Nov-95	Jun-96
UNDP	THA	FOA	15	INV	042	ASP	Somboon Paisarn: Eliminate CFC use in manufacture of flexible PUF slabstock and cold cured mouldings	100	Dec-94		Nov-95	Mar-97
UNDP	THA	FOA	15	INV	044	ASP	Karn Yang: Eliminate CFC use in manufacture of flexible PUF slabstock	110	Dec-94		Nov-95	Mar-97
UNDP	THA	FOA	18	INV	047	ASP	Phase out of the use of CFCs in the manufacture of rigid PUF foam for thermoware at Krieng Thavorn Containers Co. Ltd.	65	Nov-95		May-97	May-97

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
339,500	0	227,637	0.67	111,863	44,135	Equipment delivery in 03/96. Local works by enterprise progressing. Completion now targeted for 2Q96.
508,000	0	441,962	0.87	66,038	66,040	Equipment delivery in 4/96. Company to undertake trials thereafter. Expected completion by 3Q96.
257,500	0	239,066	0.93	18,434	33,475	Equipment delivery in 05/96. Trials being carried out. OPS Implementation visit scheduled for end 03/96. Project completion expected by 3Q96.
605,000	0	0	0.00	300,000	78,650	Two plants encountering physical constraints to implement projects as designed and are looking into radio technology. Technology selection to be finalized thereafter and spec. to be prepared. Project completion will be delayed.
340,000	0	0	0.00	200,000	44,200	Project implemented under reimbursement modality. Local works encountered slight delays but almost completed. OPS Implementation mission scheduled for 3/96 before project commissioning.
525,000	0	394,840	0.75	130,160	68,250	Equipment procured. Delivery expected in 04/96. Project completion targeted for 2Q96.
225,000	0	0	0.00	140,000	29,250	Enterprise had a fire and is now relocating. Equipment procurement and local works design will be discussed with enterprise during OPS Implementation visit in early 4/96. Completion now rescheduled to 1Q97.
170,000	0	0	0.00	120,000	22,100	Equipment procurement and local works design will be discussed with enterprise during OPS Implementation visit in early 4/96. Completion now rescheduled to 1Q97.
430,000	0	0	0.00	300,000	55,900	Project document being signed. Equipment specifications under preparation.

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	THA	REF	13	INV	033	ASP	Sanden: Eliminate CFC use in the manufacture of commercial refrigerators	30	Jul-94		Dec-95	Mar-97
UNDP	THA	SEV	09	INS	009	ASP	Institutional strengthening of the Ozone Layer Protection Unit	0	Mar-93		Jun-96	Dec-96
UNDP	THA	SEV	15	PRP	039	ASP	Project preparation assistance	0	Dec-94		Nov-95	Jun-96
UNDP	THA	SEV	18	PRP	049	ASP	Project preparation assistance	0	Nov-95		Nov-96	Nov-96
UNDP	UGA	REF	17	PRP	003	AFR	Project preparation assistance	0	Jul-95		Jun-96	Jun-96
UNDP	UGA	SEV	18	PRP	004	AFR	Project preparation assistance	0	Nov-95		Nov-96	Nov-96
UNDP	URU	ARS	18	TAS	016	LAC	Total aerosol sector phaseout project (technical assistance)	16	Nov-95		May-97	May-97
UNDP	URU	FOA	13	INV	006	LAC	Conversion to CFC-free technology in the manufacture of rigid PUF (spray) at seven enterprises	71	Jul-94		Dec-95	Jul-96

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
533,800	0	461,446	0.86	72,354	69,394	UNDP Expert visited plant in Dec 96 and finalized design for local works. This was revised in early 96. Cyclopentane machine to be delivered 05/96. Refrigeration expert visit in 07/96 scheduled. Local works underway. Completion now targeted for 1Q97.
400,000	0	157,500	0.39	242,500	52,000	Unit obtained commitment of household refrigerator manufacturers to stop production of ODS refrigerators by end 1996, set up measures to reduce certain ODS imports, coordinated with UNDP experts on regional methyl bromide survey, prepared 1996 workplan.
100,000	0	43,801	0.44	56,199	13,000	2 aerosol projects were approved at 17th Excom, and 1 foam project at 18th ExCom. Several com.ref. and foam projects were identified during Nov 95 visit. A national consultant recruited. Not all disbursements to-date reflected.
3,000	0	0	0.00	3,000	390	Newly approved
12,500	0	12,500	1.00	0	1,625	Second visit by expert in January 96 resulted in project submitted for approval by 19th ExCom.
5,000	0	3,683	0.74	1,317	650	Project formulation visit by foam consultant scheduled for 3Q96.
54,000	0	0	0.00	0	7,020	Newly approved. Workshop with Aerosol Consultant scheduled for Apr/May 96.
665,000	0	561,361	0.84	103,639	86,450	Six out of seven participating companies have phased out 70 ODP tonnes of CFC use. Umbrella project will be commissioned and closed as soon as the seventh company (Saronic) will have finalized their test trials, and switched over as well.

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	URU	FOA	13	INV	009	LAC	Conversion to CFC-free technology in the manufacture of flexible PUF at 5 plants	17	Jul-94		Dec-95	Dec-96
UNDP	URU	HAL	18	INV	017	LAC	Conversion of production of halon 1211 fire extinguishers at Tornay and Mori	2	Nov-95		May-97	May-97
UNDP	URU	HAL	18	INV	018	LAC	Transfer of technology and conversion of production of halon 1211 fire extinguishers at Izeta López Fire Company	3	Nov-95		May-97	May-97
UNDP	URU	REF	12	TAS	004	LAC	TA for refrigerant conservation and demonstration programme: recovery & recycling of CFC-12	22	Mar-94		Jun-96	Dec-96
UNDP	URU	SEV	10	INS	003	LAC	Institutional strengthening	0	Jun-93		Sep-96	Sep-96
UNDP	VEN	REF	09	TAS	012	LAC	Pilot programme in recovery and recycling of CFC-12 in domestic refrigeration	8	Mar-93		Jun-94	Jun-96
UNDP	VEN	REF	15	TAS	026	LAC	Pilot project for recovery and recycling of CFC-12 in MAC's (phase 2)	75	Dec-94		Mar-96	Jun-96
UNDP	VEN	REF	17	INV	032	LAC	Eliminate CFC-11 and CFC-12 in the manufacture of commercial refrigeration equipment at NUTAL	15	Jul-95		Mar-97	Mar-97
UNDP	VEN	REF	17	INV	033	LAC	Conversion of CFC-12 compressor production facilities at VECOMESA to manufacture the HFC-134a compressors	0	Jul-95		Mar-97	Mar-97

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
200,000	0	107,201	0.54	92,799	26,000	Project revision has outlined remaining course of activities. Technology assessment visit to USA has also allowed some of the companies to make final technology selection. For 2 companies equipment still has to be installed. Completion by Dec 96.
38,150	0	0	0.00	0	4,960	Newly approved. Project document to be signed by Govt/UNDP in Apr 96.
24,225	0	0	0.00	0	3,149	Newly approved. Project document to be signed by Govt/UNDP in Apr 96.
175,000	0	153,324	0.88	21,676	22,750	Recovery/recycling equipment arrived and distributed to recycling centers with whom subcontracts were established. Monitoring activities and final report expected by Dec 96.
173,800	0	173,800	1.00	0	22,594	Ozone unit is fully staffed and actively coordinating the national ODS phaseout effort including project preparation and investment activities by implementing agencies. Phase 2 being requested by Govt. at the 19th ExCom.
100,000	0	103,000	1.03	0	13,000	Subcontract with MADOSA signed and recov/recycling equipment received. Final report awaited.
220,000	0	206,489	0.94	13,511	28,600	Subcontract to organize the workshop was established, and recovery/recycling equipment received. Training workshops took place and recovery machines distributed. Second progress report received. Final report awaited.
123,623	0	0	0.00	60,000	16,071	Implementation visit by UNDP refrigeration and foam consultants took place and specs for equipment were finalized and approved by the company. Bidding process under way.
362,000	0	0	0.00	180,000	47,060	Same status as NUTAL project VEN/REF/17/INV/032

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	VEN	REF	17	INV	034	LAC	Eliminate CFC-11 and CFC-12 in the manufacture of commercial refrigeration equipment at PINOVA S.A.	28	Jul-95		Mar-97	Mar-97
UNDP	VEN	REF	18	INV	036	LAC	Elimination of CFCs 11 and 12 in the manufacture of domestic refrigerators at Coresmalt Valencia, C.A.	66	Nov-95		May-97	May-97
UNDP	VEN	REF	18	INV	037	LAC	Elimination of CFCs 11 and 12 in the manufacture of domestic refrigerators at Madosa, S.A.	93	Nov-95		May-97	Jul-97
UNDP	VEN	REF	18	INV	038	LAC	Elimination of CFCs 11 and 12 in the manufacture of domestic refrigerators at Grupo Frigilux, C.A.	49	Nov-95		May-97	May-97
UNDP	VEN	SEV	09	INS	013*	LAC	Institutional strengthening	0	Mar-93		Jun-96	Jun-96
UNDP	VEN	ZEV	10	PRP	039	LAC	Project preparation assistance	0	Nov-95		Nov-96	Nov-96
UNDP	VIE	ARS	17	INV	007	ASP	Conversion to hydrocarbon aerosol propellant technology at Saigon Cosmetics Company	80	Jul-95		Dec-96	Dec-96
UNDP	VIE	ARS	18	INV	010	ASP	Conversion to CFC-free hydrocarbon aerosol propellant technology at Daso Company Ltd.	27	Nov-95		May-97	May-97
UNDP	VIE	ARS	18	INV	011	ASP	Conversion to hydrocarbon aerosol propellant technology at Cosmetics Producing and Trading Company (CP & T)	85	Nov-95		May-97	May-97

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
517,500	0	0	0.00	250,000	67,275	Same status as NUTAL project VEN/REF/17/INV/032
685,330	0	0	0.00	340,000	89,093	Same status as NUTAL project VEN/REF/17/INV/032
230,274	0	0	0.00	115,000	29,936	Same status as NUTAL project VEN/REF/17/INV/032
953,000	0	0	0.00	450,000	123,890	Same status as NUTAL project VEN/REF/17/INV/032
329,192	54,900	384,092	1.17	0	42,795	Fully operational. Funds disbursed as per budget schedule. FONDOIN is fully staffed and is actively coordinating the national ODS phaseout programme. Additional funds (\$54,900) are being requested for 6-month period at the 19th ExCom Meeting.
43,000	0	0	0.00	43,000	5,590	Newly approved. Continuation of the activities under VEN/SEV/17/PRP/035 and to hold workshops in the foam and solvents sectors.
238,430	0	182,818	0.77	55,612	30,996	Equipment to be delivered in 04/96. Local works and aerosol formulations to be discussed with UNDP experts during Thailand aerosol workshop 03/96. Completion by 4Q96.
110,340	0	0	0.00	100,000	14,344	Project document being signed by government. Equipment specifications under review by enterprise. Local works and aerosol formulations to be discussed with UNDP experts in Thailand aerosol workshop end 03/96.
285,120	0	0	0.00	200,000	37,066	Project document being signed by government. Equipment specifications under review by enterprise. Local works and aerosol formulations to be discussed with UNDP experts in Thailand aerosol workshop end 03/96.

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implemented	Reviewed Date Implemented
UNDP	VIE	SEV	12	PRP	001	ASP	Project preparation assistance	0	Mar-94		Jun-95	Jun-96
UNDP	ZAM	SEV	17	PRP	004	AFR	Project preparation assistance	0	Jul-95		Jun-96	Jun-96
UNDP	ZAM	ZEV	18	PRP	005	AFR	Project preparation assistance	0	Nov-95		Nov-96	Nov-96
UNDP	AFR	FUM	17	TAS	014	GLO	UNDP regional survey on methyl bromide for English-speaking Africa	0	Jul-95		Mar-96	Mar-96
UNDP	ASP	FUM	17	TAS	019	ASP	Regional methyl bromide survey for South-East Asia	0	Jul-95		Mar-96	Mar-96
UNDP	ASP	REF	06	TRA	003	ASP	One of three MAC recycling training/demonstration programme (Asia)	0	Feb-92		Dec-92	Jun-95
UNDP	LAC	FUM	17	TAS	014	LAC	Regional methyl bromide survey for South America	0	Jul-95		Mar-96	Jun-96
UNDP	LAC	REF	18	TAS	015	LAC	Regional Latin America demonstration project in recovery of ODS in MACs: Phase I (Argentina, Colombia)	0	Nov-95		Nov-96	Nov-96
UNDP	GLO	ARS	06	TAS	024	GLO	Technical assistance in aerosols	0	Feb-92		Dec-92	Jun-96

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
100,000	0	50,288	0.50	49,712	13,000	3 aerosol projects have been approved and being implemented. A formulation visit scheduled for 05/96 to finalize plans for an aerosol filling center project and a CFC-recycling project.
20,000	0	20,000	1.00	0	2,600	Second visit by expert during January 96 resulted in project to be submitted for approval at the 19th EXCOM.
5,000	0	0	0.00	5,000	650	Project formulation visit by foam consultant scheduled for 3Q96.
179,850	0	80,504	0.45	99,346	23,381	Interim Report based on data survey finalized and submitted during Meeting of the Parties held 5 - 7 December 1995 in Vienna, Austria. UNEP Regional workshop held in Zimbabwe, 25-26 Sept 95.
102,000	0	58,000	0.57	44,000	13,260	Interim report based on data inputs from survey done finalized and submitted during 7th Meeting of the Parties held during 5 - 7 December 1995 in Vienna. Presented at UNEP Regional Workshop held in Bangkok, 31 Oct - 2 Nov 95..
45,000	0	5,601	0.12	39,000	5,850	UNOPS has already subcontracted ICF as per request of UNDP and USEPA who will jointly implement this project. Completion by 4Q96.
57,700	0	51,700	0.90	6,000	7,501	Interim report based on data inputs from survey done has been finalized and submitted during the 7th Meeting of the Parties held 5 - 7 December 1995 in Vienna. UNEP Regional Workshop held in Bogota during 31 Oct - 2 Nov. 95.
207,000	0	111,721	0.54	95,279	26,910	32 recovery/recycling machines procured for Reg. Workshop held in Buenos Aires 1/ 61 participants from Argentina/Uruguay and representatives from UNDP/USEPA/ICF.
60,000	0	44,212	0.74	15,788	7,800	Final activities being planned under this project in Asia and Latin America. Activity completion by mid-1996.

Agency	Country Code	Sector Code	Mtg Number	Type	Inv #	Region Code	Project Title	ODS Phase Out	Date App'd	1st Disb Date	Proposed Date Implem'ted	Reviewed Date Implem'ted
UNDP	GLO	HAL	08	TAS	027	GLO	Global Halons Project	0	Oct-92		Dec-94	Dec-96
UNDP	GLO	REF	06	TAS	006	GLO	Technical assistance in MAC	0	Feb-92		Dec-92	Sep-96
UNDP	GLO	REF	06	TRA	004	AFR	Regional MAC recycling training and demonstration programme (Africa/Middle East)	0	Feb-92		Dec-92	Dec-96
UNDP	GLO	REF	08	TAS	028	GLO	Global MAC project	0	Feb-92		Dec-94	Dec-95
UNDP	GLO	REF	18	INV	090	GLO	Global MACs project: Phase 2	0	Nov-95		Nov-97	Nov-97
UNDP	GLO	SEV	06	TRA	011	GLO	Three national policy workshops	0	Feb-92		Dec-92	Jul-96
UNDP	GLO	SEV	06	TRA	012	GLO	Two study-tours for officials and industry representatives	0	Feb-92		Dec-92	Jul-96
Grand Total								12,920				

App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur sement	Plan'd Commitmt (This Year)	Fee for Agency	Remarks
345,133	0	173,841	0.50	171,292	44,867	The remaining funds will go towards joint UNDP/USEPA assistance to low consuming countries in conjunction with Regional ODS/NET meetings, by way of 1-2 days demonstration workshop for recovery/recycling & banking management.
50,000	0	21,000	0.42	29,000	6,500	Expert participated as technical resource person during Regional MAC Workshop in Sto. Domingo. He will participate in the same capacity for Regional MAC Workshop to be held in Accra May 1996 which covers Africa/Middle East Speaking Countries.
45,000	0	5,601	0.12	39,399	5,850	A Workshop is scheduled on 20 May 1996 in Accra to be held in conjunction with UNEP's Regional ODS/NET Meeting.
318,584	0	318,584	1.00	0	41,416	First phase completed. New project for second phase now approved.
500,000	0	0	0.00	100,000	65,000	This project will expand on activities initiated under MAC Phase I. Preliminary list of countries: Brazil, Egypt, Kenya, Philippines, Sri Lanka, Turkey and Viet Nam.
45,000	0	27,240	0.61	17,760	5,850	Third Workshop is targeted for the English Speaking countries in Africa and Asia. These countries have requested assistance on specific policies and implementation arrangements needed to successfully implement ODS phaseout programmes.
50,000	0	23,531	0.47	26,469	6,500	Technical assessments and plant visits in foam and ref. to be conducted in second-half 95 for key representatives in Asia and English Speaking African countries.
97,368,640	77,530	33,140,530		44,089,991	12,735,923	

Agency	Year	ODS Phased Out	Num/ Appro- vals	Num/ Compl- ete	Interest (US \$)	Savings plus Deficits	App'd Funding (US \$)	Amendment (US \$)	Funds Disb'd (US \$)	Rate of Disbur- sement	Plan'd Commitment	Fee for Agency
UNDP	1991	0	16	16	25,937	(33,364)	585,900	(33,364)	552,536	0.94	0	76,167
UNDP	1992	293	67	44	176,914	(1,695,214)	8,516,386	(150,476)	6,821,172	0.80	1,379,455	1,107,130
UNDP	1993	998	58	28	357,010	(4,590,031)	13,695,049	99,284	9,195,018	0.67	3,557,397	1,780,356
UNDP	1994	6811	142	23	1,726,099	(30,485,007)	55,783,864	32,675	25,298,857	0.45	26,280,542	7,251,902
UNDP	1995	5899	120	5	N/A	(28,225,915)	31,503,106	0	3,277,191	0.10	12,872,597	4,095,404
SUBTOTAL		14001	403	116	2,285,960	(64,939,531)	110,084,305	(51,881)	45,144,774	0.41	44,089,991	14,310,960
Administrative Costs (start-up costs):							596,500		596,500			
Administrative Costs (overhead):							14,310,960		5,868,821			
GRAND TOTAL							124,991,765		51,610,095			