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Executive Committee of
the Multilateral Fund for the
Implementation of the Montreal Protocol

Thirteenth Meeting
Montreal, 25-27 July 1994

CONSOLIDATED PROGRESS REPORT (as at May 1994)

INTRODUCTION

This Consolidated Progress Report presents an update of Fund-supported activities as at the end of May 1994. This Report incorporates inputs from the implementing agencies and Parties reporting bilateral activities.

The Report is divided in two sections:

Section I: Overview on status of implementation of the projects and other activities approved; and

Section II: Consist of the following two parts:

- Part I: Information on implementation of projects and activities by agency; and
- Part II: Status of bilateral activities.

Individual reports indicating the progress made in the implementation of the activities of each implementing agency (as submitted by the agencies) are provided separately in documents UNEP/OzL.Pro/ExCom/13/9, 13/10, 13/11, and 13/12, along with comments of the Fund Secretariat where applicable.

SECTION I: OVERVIEW

1. Since the establishment of the Fund, the Executive Committee has approved over 500 activities in 67 Article 5 countries. By region, 241 activities were approved in Asia and the Pacific, followed by Latin America and the Caribbean (108 activities), Africa (100 activities), and Europe (12 activities). Additionally, 66 global activities were approved. The regional distribution of the estimated amount of ODS to be phased-out and funds disbursed are presented in Figure 1.

2. More than US \$146.9 million has been allocated to the four agencies for the implementation of these activities. Also, US \$5.2 million has been provided by six Parties not operating under Article 5 of the Montreal Protocol as bilateral assistance, namely Australia, Canada, Germany, Singapore, South Africa and the United States.

3. The World Bank is the implementing agency for 176 projects amounting to 60.6 per cent of the disbursed funds, and UNDP is implementing 189 projects amounting to 25.1 per cent of the funds disbursed.

4. The largest allocation of funds corresponds to projects under the refrigeration (US \$41.2 million) and foam (US \$38.0 million) sectors. The "several" sector category (US \$35.0 million) indicates projects which cover more than one sector, e.g., country programme preparation, preparation of investment projects, etc. The distribution of project allocations is presented in the Table below:

**Project allocations by implementing agency, Party and sector
(in thousand US\$)**

Sector	IBRD	UNDP	UNEP	UNIDO	Bilateral	Total
Aerosol	7,828	384	130		6	8,348
Foam	18,664	18,203		1,089	91	38,047
Fumigant		87				87
Halon	2,365	1,636	280		2,151	6,432
Multi-sec.	5,386					5,386
Other	4,720					4,720
Production	240					240
Refrig.	29,676	5,495	780	4,174	1,090	41,215
Solvent	7,671	4,111		74	757	12,613
Several	15,643	8,314	9,013	944	1,152	35,066
Total	92,193	38,230	10,203	6,281	5,247	152,154

Country programmes

5. The Executive Committee has disbursed more than US \$4.28 million for the preparation of the country programmes of 66 Article 5 Parties. So far, the Committee has approved 33 country programmes and additional country programmes, i.e., of Argentina, Botswana, Brazil, Kenya, Seychelles, Slovenia, Uganda and Zimbabwe, are being submitted for consideration at the Thirteenth Meeting of the Executive Committee.

6. Also, the Slovenia country programme is being completed and submitted for the consideration of the Committee. On the basis of the ODS consumption data provided in the country programme, and using the Montreal Protocol's definition of consumption, the calculated per capita consumption in the country in 1992 was determined to be 0.57 kilogram per capita for Annex A controlled substances and 0.04 kilogram per capita for Annex B controlled substances. Thus, the country programme is not eligible for consideration by the Executive Committee.

7. Total consumption of controlled substances covered by the approved country programmes amounts to almost 127,400 ODP tonnes which is over 90 percent of the total consumption of ODS in developing countries.

Institutional strengthening

8. Funds amounting to US \$7.93 million have been provided to 36 Article 5 countries for institutional strengthening to facilitate the implementation of country action plans for the phase-out of controlled substances. All of the ozone units that have been so far supported by the Multilateral Fund are already operational or at the final stages to become operational, where funds were made available to them by the implementing agencies.

Investment projects

9. Preparation of ODS phase-out investment projects has been completed in 17 Article 5 countries, which has resulted in submission and approval of 132 investment projects. Six investment projects in the foam sector (3 in Egypt, 2 in Malaysia and 1 in Venezuela), one project in the refrigeration sector (Egypt), and one project in the solvent sector (Malaysia), implemented through UNDP and one through the World Bank, have become operational. In addition, 50% CFC reduced technology has been implemented in three domestic refrigerator manufacturing plants in two countries (Philippines and Turkey), through the World Bank. In total, 951 tonnes ODP of the controlled substances have been phased-out. Implementation of the other 123 approved investment projects will lead to the elimination of additional 30,320 ODP tonnes of controlled substances.

10. The distribution of the phase-out of controlled substances (in ODP) by sector is shown in Figure 2.

Training programmes and technical assistance activities

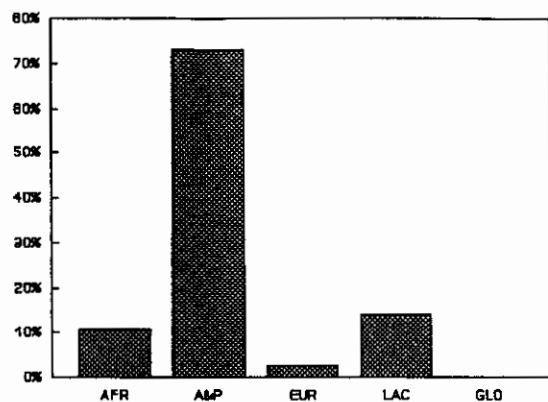
11. The Executive Committee has approved 73 training programmes at the national, regional

and global levels, at a cost over US \$6.89 million. So far, 15 national training programmes in 12 Article 5 countries, 12 regional workshops and 7 global training activities have been completed.

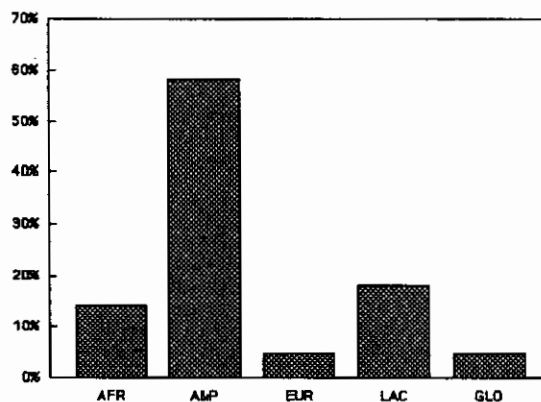
12. Of a total of 99 technical assistance programmes approved, 16 have been implemented in 8 Article 5 countries and 12 at the global level. Four out of ten demonstration programmes have been completed in the refrigeration and halon sectors.

Figure 1

Regional distribution of ODS



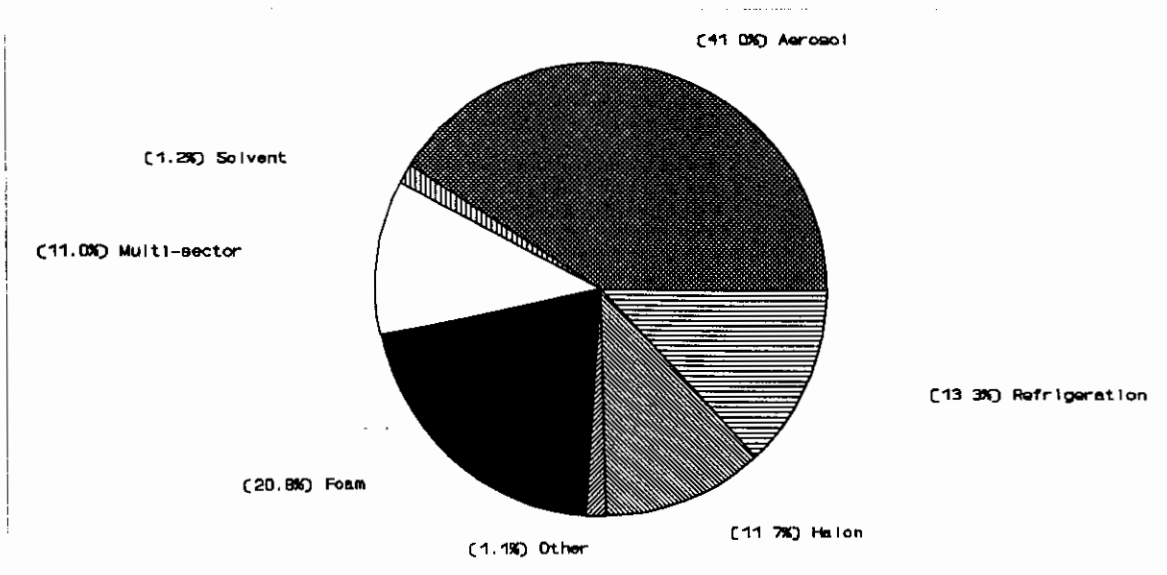
Regional distribution of funds



AFR: Africa A&P: Asia and the Pacific EUR: Europe LAC: Latin America and the Caribbean GLO: Global

Figure 2

Per cent of ODS to be phased out by sector



SECTION II

Part I: Information on implementation of projects and activities by agency; and

Part II: Status of bilateral activities.

STATUS OF ONGOING ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 1

Project Number, Sector and Type	Project Title	QOS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
<u>ARGENTINA</u>							
ARG/SEV/04/TAS/01: Sector: Sev Type: CPG	<u>Technical assistance for CP preparation</u>	0	25,000	2,000	June 1991	4Q92 3Q94	The Govt. had previously requested UNDP to defer any activity, which delayed implementation. Meetings were held in Buenos Aires in late-February and late-May 1994 attended by UNDP/MPU staff, where the use of the funds were agreed upon. Project implementation will take place in July/August 1994 with visits by UNDP's halons, foams and possibly solvents sector experts.
<u>BANGLADESH</u>							
BGD/SEV/06/CPG/02: Sector: Sev Type: CPG	<u>Country programme preparation</u>	0	25,000	25,000	Feb 1992	3Q93 3Q94	The Government has requested postponement of the submission of the Country Programme for the 14th ExCom meeting so to allow sufficient time for internal CP clearance by the various Ministries.
<u>BRAZIL</u>							
BRA/FOA/12/INV/11: Sector: Foam Type: INV	<u>Conversion to CFC-Free Technology in the Manufacture of Rigid Polyurethane Foam (Spray)</u>	72	370,000	0	Mar 94	2Q95 2Q95	Recently approved. Discussions on project implementation modality were carried out, and the Govt. has selected the national execution modality. Activities including equipment specification and bidding process will start in late-June 1994 with a visit by UNDP's foams sector expert.
BRA/SEV/10/INS/09: Sector: Sev Type: INS	<u>Institutional Strengthening</u>	0	403,100	124,665	June 1993	3Q96 3Q96	Activities started in September 1993 with the establishment of GTO. It assumed its role as a focal point for ozone-related activities and also contributed to a large extent to the finalization of Brazil's country programme and related project identification work. Funds are being disbursed as per budget schedule.
BRA/SEV/11/PRP/10: Sector: Sev Type: PRP	<u>Project Preparation Assistance</u>	0	100,000	5,250	Nov 1993	4Q94 4Q94	A project formulation mission is scheduled for end-June 1994 covering the foams and refrigeration sectors. An earlier mission in the solvents sector was undertaken in May 1994. Recruitment of a national consultant to help in data collection for preparation of projects is under discussion with the Government. Funds disbursed so far only reflect the above-mentioned solvents mission.

STATUS OF ONGOING ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 2

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
CHINA							
CPR/ARS/06/TAS/02: Sector: Aerosol Type: TAS	<u>Technical assistance for Guangdong aerosols investment project and investigation of non-ODS filling technology and LPG purification</u>	0	75,000	45,684	Feb 1992	4Q92 3Q94	Most activities completed in 1993 including investigation of Egyptian experiences in aerosol filling equipment and LPG purification systems. Delay in the procurement of a small filling machine for testing purposes. Completion in 3Q94.
CPR/FOA/06/TAS/03: Sector: Foam Type: TAS	<u>Technical assistance for CFC-11 substitute technology in flexible polyurethane foam</u>	0	70,000	65,000	Feb 1992	4Q92 3Q94	Two technology assessment visits completed in 1993, the first covering flexible foams and the second covering polystyrene and polyethylene foams. The approved \$1.08 million Tianjin flexible foam project was one result and a pipeline of upto nine projects has been identified for World Bank and UNDP implementation. Additional technical assistance will be provided in 3Q1994 to complete this project.
CPR/FOA/07/TAS/17: Sector: Foam Type: TAS	<u>Technical assistance for the Beijing Household Electric Appliances Research Institute (BHEARI)</u>	0	480,000	0	June 1992	4Q95 4Q95	Technical mission in October 1993. A detailed workplan was prepared in January 1994 was revised in March 1994 and further discussed during the visit of the UNDP mission team in April 1994. Implementation and disbursement of funds tied to progress of World Bank investment project.
CPR/FOA/10/INV/52: Sector: Foam Type: INV	<u>Tianjin conversion to CFC-free technology in the manufacture of flexible polyurethane foam</u>	180	1,080,000	817,240	June 1993	3Q94 3Q94	Project signed 26 August 1993 and implementation ongoing. Project implementation was discussed during the April 1994 UNDP team visit. The major project component of international procurement has been completed by UNDP/OPS and the equipment is due to arrive in mid-June 1994. The project authorities are preparing the local site for equipment installation. Commissioning of the project is expected in 3Q1994.
CPR/FOA/10/TAS/37: Sector: Foam Type: TAS	<u>Strategy and action programme for the elimination of CFCs in the manufacture of foams</u>	0	200,000	0	June 1993	3Q94 1Q95	The project is nationally executed. UNDP's foam sector expert recommended amendments to the workplan prepared by project authorities. The workplan was revised accordingly during the visit by the UNDP mission team in April 1994. The revision has been cleared by NCLI and is awaiting clearance by NEPA. Implementation starts immediately thereafter.

STATUS OF ONGOING ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 3

Project Number, Sector and Type	Project Title	00S to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
CPR/FOA/11/INV/54: Sector: Foam Type: INV	<u>Conversion to CFC-free technology in the manufacture of rigid PUF (Spray) at Beijing Commercial Machinery Factory (BCMF)</u>	30	435,000	0	Nov 1993	4Q94 1Q95	Project implementation was discussed during the UNDP team visit in April 1994. Project document is ready for signature. NEPA has confirmed its agreement to OPS execution. Project implementation should start in July 1994.
CPR/FUM/12/TAS/60: Sector: Others Type: TAS	<u>Survey of Production and Consumption of Methyl Bromide to Facilitate Planning of a Future Phaseout Programme</u>	0	87,000	0	Mar 94	2Q95 2Q95	Approved in March 1994. Project authorities have been requested to prepare the work plan and a detailed budget disbursement schedule so implementation can start.
CPR/HAL/10/TAS/39: Sector: Halon Type: TAS	<u>Implementation of the halon phaseout plan for China: current situation, revision of national codes, and education and training</u>	0	280,000	0	June 1993	3Q96 3Q96	The workplan and budget disbursement schedule were endorsed by UNDP's halons sector expert during the UNDP team visit in April/May 1994. As a result, NEPA and MPS are preparing a subcontract to implement the project.
CPR/HAL/10/TAS/40: Sector: Halon Type: TAS	<u>Implementation of the halon phaseout plan for China: transfer of technology on alternatives to halon fire protection systems</u>	0	300,000	0	Jun 93	4Q96 4Q96	The signed project document is being revised since NEPA and MPS have proposed OPS execution of the international procurement component of the project following discussions with UNDP's halons sector expert in April/May 1994.
CPR/HAL/12/INV/58: Sector: Halon Type: DEM	<u>Acquisition of Local Air Compressors for Halons Recycling Machines</u>	0	155,000	0	Mar 94	2Q95 2Q95	Approved in March 1994. Procurement already being initiated through assistance of OPS.
CPR/REF/09/TAS/27: Sector: Ref Type: TAS	<u>Testing for applications of CFC substitute chemicals in the refrigeration sector in Southern China</u>	0	100,000	0	Mar 1993	1Q94 2Q94	Project activities are almost completed. Substitutes were imported for testing in 1993 and test reports are being prepared. NEPA is sending a payment request.

STATUS OF ONGOING ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 4

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
CPR/REF/10/TAS/38: Sector: Ref Type: TAS	Revision of design standards for cold storage	0	200,000	0	0 June 1993	3Q95 3Q95	There was a change in the national project director and as a result part of the project has been revised. UNDP's sector expert has reviewed and endorsed the revision and workplan. The project authorities have conducted some part of the survey on existing cold storage facilities with government budget. A detailed list of equipment and potential international consultants is being prepared.
CPR/REF/11/TAS/55: Sector: Ref Type: TAS	Survey and development of a national policy to promote CFC recovery and recycling in China	0	100,000	0	0 Nov 1993	1Q95 1Q95	Document with NEPA awaiting signature by all parties. Implementation to start in July 1994.
CPR/SEV/06/INS/11: Sector: Sev Type: INS	Institutional Strengthening	0	450,000	180,000	Mar 1993	2Q96 2Q96	Progress was discussed with NEPA during the UNDP team visit in April 1994. The 1994 workplan is being prepared by NEPA including plans for equipment procurement under the project. A working session of China's Leading Group for Ozone Layer Protection under the Vienna Convention and Montreal Protocol has been held, the purpose of which is to review developments in this area, discuss and approve amendments to the Country Programme, and to discuss guidelines which NEPA has developed on management and implementation of MP projects.
CPR/SEV/06/TAS/10: Sector: Sev Type: TAS	Establishment of a quality control testing plant for using CFC-12 substitute technology in refrigeration	0	70,000	0	0 Feb 1992	4Q92 4Q94	Sector expert's visit delayed to 3Q94.
CPR/SEV/09/TAS/29: Sector: Sev Type: TAS	Survey and assessment of small CFC plants conversion possibilities	0	90,000	39,853	Mar 1993	1Q94 3Q94	Survey questionnaires have been developed and sent to the plants and information dissemination to as many small scale industries as can be reached had been implemented. Data compilation and analysis expected to start in 3Q1994.

STATUS OF ONGOING ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 5

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
CPR/SEV/11/PRP/51: Sector: Sev Type: PRP	<u>Project preparation assistance</u>	0	100,000	48,646	Nov 1993	4Q94 4Q94	UNDP's solvents sector expert and UNDP/OPS visited China during 16-28 April to follow-up nationally executed projects experiencing implementation delays and for new project identification. NEPA, UNDP/NY, UNDP/Beijing and OPS jointly identified and resolved various bottlenecks causing delays in project implementation. UNDP's halons sector expert visit during April/May 1994 covered implementation of two approved halon projects and to develop a project proposal near Guangdong. A visit by UNDP's foam sector expert during 7-20 June 1994 reviewed the status of foam sector project implementation as well as preparation of new project proposals on integral and rigid foam. Four projects amounting to \$1.26 million were approved at the 12th ExCom Meeting. Five projects totalling \$2.4 million have been submitted to the 13th ExCom.
CPR/SEV/11/TAS/56: Sector: Sev Type: TAS	<u>National product qualification and standards evaluation for non-ODS alternatives to CFC applications.</u>	0	362,500	0	Nov 1993	1Q95 1Q95	Project document including detailed workplan and budget disbursement schedule have been finalized. After final review by the sector expert in mid-June, the project document will be signed and implementation will commence.
CPR/SOL/07/DEM/20: Sector: Solvent Type: INV	<u>Dalian precision parts cleaning line demonstration project</u>	86	495,000	45,000	June 1992	4Q94 4Q94	A national survey has been carried out and the survey report is available. Delay in delivery due to Government policy on international procurement. Project authorities are preparing for international equipment procurement through ICB (international competitive bidding) process. Dalian has sent samples to foreign companies for cleaning tests. Following the UNDP expert visit in April/May 1994 aimed at resolving the reasons for delay in implementation, NEPA has agreed to sign a Letter of Agreement with OPS to do the international procurement in order to speed-up project delivery.
CPR/SOL/07/DEM/21: Sector: Solvent Type: INV	<u>Dandong electronic tuner aqueous cleaning line demonstration project</u>	25	495,000	45,000	June 1992	4Q94 4Q94	A national survey has been carried out. Delay in equipment delivery due to the necessity for Government counterpart to receive tax and/or duty concessions for imported project equipment. Project authorities are preparing for international equipment procurement with UNDP assistance.
CPR/SOL/10/INV/35: Sector: Solvent Type: INV	<u>Elimination of CFCs in cleaning operations at Nanjing Wire Works (demonstration project)</u>	14	409,000	0	June 1993	4Q95 4Q95	Project document including detailed workplan and budget disbursement schedule complete. After final review in mid-June, project document will be signed and implementation will commence.

STATUS OF ONGOING ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 6

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
CPR/SOL/10/INV/36: Sector: Solvent Type: INV	Elimination of CFCs in cleaning operations at the Chengdu Radio Instrument Factory (demo. project)	11	394,700	0	June 1993	4Q95	Project document with detailed workplan and budget are disbursement schedule is complete. After final review in mid-June, document will be signed and implementation will commence.
CPR/SOL/12/INV/57: Sector: Halon Type: DEM	ODS-Free Cleaning Equipment Manufacturing Center for Phasing Out ODS in the Solvents Sector across China.	0	524,734	0	Mar 94	2Q96	Approved in March 1994. Workplans and budget disbursement schedule being finalized. Implementation has started by initiating contact with vendors for equipment specification.
CPR/SOL/12/TAS/61: Sector: Solvent Type: DEM	Cleaning Applications Deployment Center for Replication of ODS-Free Processes across China.	0	489,400	0	Mar 94	2Q95	Approved in March 1994. Workplan and budget disbursement schedule being finalized. Implementation has started by initiating contact with vendors for equipment specification.
COLOMBIA							
COL/SEV/12/INS/02: Sector: Sev Type: INS	Institutional Strengthening	0	317,790	85,100	Mar 94	2Q97	Recently approved. The project document was finalized and has already been signed. The 1994 funds were disbursed according to the budget schedule. Implementation ongoing.
COL/SEV/12/PRP/03: Sector: Sev Type: PRP	Project Preparation Assistance	0	100,000	45,026	Mar 94	2Q95	Recently approved. Missions were undertaken by two foams consultants, UNDP's refrigeration consultant and UNDP/MPU staff in March 1994, followed by a visit by a butane-safety consultant needed for formulation of one of the polystyrene projects, and by a second follow-up mission by the same refrigeration consultant in May 1994. As a result two umbrella projects in the domestic refrigeration sector and one in polystyrene foams with a combined budget request of \$10.9 million have been submitted to the 13th ExCom Meeting. A follow-up mission in the commercial refrigeration sector is scheduled for July 1994.

STATUS OF ONGOING ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 7

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
<u>COSTA RICA</u>							
CSR/FOA/08/TRA/05: Sector: Foam Type: TRA	<u>Seminar/Workshop in the foam sector</u>	0	21,120	10,000	Oct 1992	3Q94 3Q94	Activity is part of UNDP project number COS/92/G63 which was signed in May 94 and is nationally executed. Activities will be implemented from June 1994 onwards tied to project preparation activities. Funds will be disbursed as per budget schedule.
CSR/REF/08/TRA/04: Sector: Ref Type: TRA	<u>Conservation and Training in the Refrigeration Sector</u>	0	88,000	40,000	Oct 1992	3Q94 3Q94	Activity is part of UNDP project number COS/92/G63 which was signed in May 94 and is nationally executed. Activities will be implemented from June 1994 onwards and funds will be disbursed as per budget schedule.
CSR/SEV/08/INS/03: Sector: Sev Type: INS	<u>Institutional Strengthening</u>	0	213,160	125,608	Oct 1992	4Q95 4Q95	Project document signed. Implementation has started. Funds corresponding to the first year's budget requirements have been disbursed and will be spent according to budget schedule.
CSR/SEV/08/TRA/07: Sector: Sev Type: TAS	<u>Ad-hoc consultants for implementation of CP</u>	0	50,000	3,800	Oct 1992	4Q95 4Q95	A consultant visited Costa Rica in Feb. 1994 to evaluate two refrigeration sector projects. However the documents need further review which will take place when UNDP's refrigeration sector expert visits in July 1994. Other missions will be programmed later since this budget is to be expended over a three-year period.
CSR/SOL/08/TRA/06: Sector: Solvent Type: TRA	<u>Seminar/Workshop in the Solvents sector</u>	0	21,120	10,000	Oct 1992	2Q94 3Q94	Activity is part of UNDP project number COS/92/G63 which was signed in May 1994 and is nationally executed. Activities will be implemented from June 1994 onwards and funds will be disbursed as per budget schedule.
<u>CUBA</u>							
CUB/SEV/10/INS/02: Sector: Sev Type: INS	<u>Institutional Strengthening</u>	0	172,000	76,000	June 1993	3Q96 3Q96	The project document has been signed. The government has set up its ozone layer coordinating body. Funds corresponding to the first year's budget have been disbursed and will be expended as per the budget schedule.

Project Number, Sector and Type	Project Title	OOS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
EGYPT							
EGY/FOA/08/INV/06: Sector: Foam Type: INV	Phaseout of CFC-11 in the manufacture of molded, semi-rigid and rigid polyurethane foam at Taki-Vita Factory	50	352,500	460,886	Oct 1992	1995 4Q94	Implementation started in March 93. The project will phaseout CFC-11 by switching to an all water blown system in molded foam cushions. Selection of equipment was carried out in consultation with the company in June 93. Funds covering the 40% share owned by the mother-company (\$214,703) have been received by UNDP/OPS. This is why the expenditure figure shown is significantly higher than the budget allocated by the Fund. The equipment is expected to arrive in Egypt in late-July 94. Commissioning is scheduled for 4Q1994.
	US \$352,500 (from Fund)						
	US \$214,703 (from Enterprise)						
	US \$567,203 (available for disbursement)						
EGY/FOA/09/INV/10: Sector: Foam Type: INV	Elimination of CFC-12 in the manufacture of extruded polystyrene foam at Al-Sharif Plastic Factories	75	498,000	13,880	Mar 1993	2094 3Q94	The project will replace CFC-12 in polystyrene foams by switching to butane. Production equipment has to be modified, butane tanks have to be installed, safety equipment has to be procured, and building modifications will have to be carried out. Specifications for equipment procurement have been finalized. The company has solicited quotes for local works and has to inform EEAA and UNDP which items can be procured locally. The company is requesting additional information on safety and product quality issues.
EGY/FOA/10/INV/15: Sector: Foam Type: INV	Elimination of CFC-11 in the manufacture of molded flexible polyurethane foam at Modern Building Carpentry Co. (MOBICA)	20	434,000	397,029	June 1993	4Q94 4Q94	Ongoing. The project will replace CFC-11 in the molded flexible process using full water blown technology. Equipment to be procured includes two high-pressure foaming machines and auxiliary equipment. MOBICA has entered into a technical agreement with Woodbridge (Canada) and has agreed to absorb the price difference between a more expensive "Elastogran Machine" and the lowest acceptable bid received. Project implementation is on schedule.
EGY/FOA/10/INV/16: Sector: Foam Type: INV	Elimination of CFC-11 in the manufacture of molded rigid polyurethane foam at Cairo Light Industries Co. (OLYMPIC ELECTRIC)	75	940,000	857,529	June 1993	4Q94 4Q94	Ongoing. The project will replace CFC-11 in rigid foams used for water heaters. Equipment to be procured include four high pressure foam machines and leak detectors. Building modifications are presently being carried out. The equipment procurement contract was issued in June 94. Project on schedule.

STATUS OF ONGOING ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 9

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
EGY/FOA/11/INV/18: Sector: Foam Type: INV	Conversion to CFC-11 free technology in the manufacture of rigid PUF at Specialized Engineering Contracting Co. (SECC)	15	85,000	75,095	Nov 1993	4Q94	Ongoing. This project will replace CFC-11 with HCFC-141b (interim solution) and later switch to full water blown technology for spray foams used for insulation of buildings, pipelines, tanks, etc. Three new spray foam machines will be procured. Specifications were prepared, bids received and evaluated, the order was placed, and the equipment shipped on 10 June 94 to Egypt. Installation in 3Q94. Project is on schedule.
EGY/FOA/11/INV/19: Sector: Foam Type: INV	Conversion to CFC-11 free technology in the manufacture of flexible PUF at Dekheila Chemical Industries Corp.	130	650,000	440,000	Nov 1993	3Q94	Ongoing. The project will phase out CFC-11 by switching to an all-water blown system or methylene chloride on the slabstock machine. A problem related to royalties was resolved and final contractual procedures are underway for the RapidCure equipment. The purchase order should be issued shortly. Meanwhile, the Danish Fire Institute was asked to approve the plans for the fire extinguishing system designed by the company, following which local works can proceed.
EGY/FOA/11/INV/21: Sector: Foam Type: INV	Conversion of CFC-11 free technology in the manufacture of flexible PUF at Horse Foam Company	120	385,000	200,000	Nov 1993	4Q94	Ongoing. Project would replace CFC-11 on the slabstock machine by putting on a new methylene chloride metering system and improving the ventilation. In the company's molded flexible foam area, the project will phase out CFC-11 by replacing the low-pressure machine by a high-pressure one. Bids for the molding machine were received, evaluated and an order placed in June 94. Meanwhile, the company was requested to provide specifications for the hood and powered conveyor in connection with the safety aspects related to the use of methylene chloride. Project on schedule.
EGY/FOA/12/INV/22: Sector: Foam Type: INV	Conversion to CFC-free Technology in the Manufacture of Flexible Polyurethane Foam.	170	525,000	0	Mar 94	2Q95	Newly approved umbrella flexible foam sector project covering two companies. Following an initial visit by UNDP's foams consultant, "FOAM INDUSTRIAL" is presently preparing the specifications for the sprinkler system in the curing area and for the fume hood on the foam machine. Regarding "HYMA", drawings are being prepared by UNDP's foams consultant which will be used to initiate the local subcontract for construction and installation of the fume hood for the foam machine.

STATUS OF ONGOING ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 10

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
EGY/FOA/12/INV/26: Sector: Foam Type: INV	Conversion to CFC-free Technology in the Manufacture of Rigid Molded and Miscellaneous PUF (Five Enterprises)	44	870,000	0	Mar 94	2095 2095	Newly approved umbrella rigid foam project covering five companies. Requests were made to all major producers of foams machines to send their catalogues to the five participating Egyptian companies. During the upcoming mission by UNDP's foams consultant in July 94, equipment specifications will be prepared.
EGY/HAL/12/TAS/23: Sector: Halon Type: TAS	Technical Assistance to prepare a National Halons Action Plan and Project Development	0	25,000	0	Mar 94	2095 2095	Newly approved. A letter was sent to EEAA proposing actions to start implementation of this activity. It is expected that activities will start in July/August 94 when UNDP's halons sector expert visits Egypt.
EGY/REF/12/INV/21: Sector: Ref Type: INV	Conversion to CFC-free Technology in the Commercial Refrigeration Sector (Five Enterprises)	205	2,100,000	0	Mar 94	3095 3095	Newly approved. Discussions with the companies on safety-related implementation aspects on the use of cyclopentane have delayed project startup. UNDP will send a cyclopentane expert in July/August 1994 to review company concerns and initiate implementation.
EGY/SEV/11/PRP/20: Sector: Sev Type: PRP	Project Preparation Assistance (Re-allocated Funds)	0	75,000	40,209	Nov 1993	4094 4094	Ongoing. New projects were prepared in Jan 94 in the foams sector as a result of a visit by three consultants. This project is using unspent funds (savings) from other completed UNDP activities in Egypt as requested by the 11th ExCom Meeting. Further visits are scheduled throughout 1994.
GHANA							
GHA/FOA/08/TAS/03: Sector: Foam Type: TAS	Technical assistance for technology transfer for CFC-11 phaseout in flexible foam	0	85,000	20,500	Oct 1992	4094 4094	Ongoing. UNDP's foams expert visited in Jan94 where on-the-job training and technical advice was provided to four continuous and one single block flexible foam plants. An urgent need was identified in all plants visited for the installation of health/safety equipment. A project formulated to address this issue was approved at the 12th ExCom Meeting. A follow-up expert visit in April 94 was used to start up this new project (see below). Remaining funds under this activity would provide equipment for testing fume levels inside the plants, carry out safety audits, train factory inspectorate staff to evaluate safety in the plant, etc.

STATUS OF ONGOING ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 11

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
GHA/FOA/12/INV/07: Sector: Foam Type: INV	<u>Umbrella Project for Continuation of CFC-free Technology in the Manufacture of Flexible Polyurethane Foam.</u>	316	345,000	0	Mar 94	3Q95	Newly approved. Further to a consultant visit in April 94, drawings are being prepared by UNDP's foam sector expert which will be used to initiate local subcontracts for construction and installation of fume hood for the foams machines. A second visit is being scheduled for August 94.
GHA/REF/08/TAS/04: Sector: Ref Type: TAS	<u>Improved servicing and maintenance within the refrigeration sector</u>	0	328,000	0	Oct 1992	4Q95	Ongoing. In a fax dated 27 May 1994, the Government informs UNDP that with the establishment of the National Refrigeration Demonstration Center (NRDC) and the implementation of training activities under phase 1 (training of 30 technicians by UNEP) almost complete, UNDP can now start implementation of phases 2 and 3 under this project. These two phases cover the purchase of 35 additional recovery and recycling machines and the training of 500 additional refrigeration technicians. The details of the proposal will be worked out in June 94 and implementation should start soon after.
GHA/SEV/08/INS/05: Sector: Sev Type: INS	<u>Institutional Strengthening</u>	0	160,000	60,000	Oct 1992	4Q95	Ongoing. Scheduled activities are being implemented. Funds corresponding to the first year's expenditures have been disbursed and are being spent as per the budget schedule.
<u>GUATEMALA</u>							
GUA/SEV/11/PRP/05: Sector: Sev Type: PRP	<u>Project Preparation Assistance</u>	0	30,000	5,465	Nov 1993	4Q94	Ongoing. Assistance was requested in foams, industrial refrigeration, MAC, and halons for essential uses. UNDP's foams consultant visited Guatemala in April 94 and provided technical assistance to several companies visited. However, none of the plants seem to be eligible for projects that could be funded under Multilateral Fund guidelines. UNDP's refrigeration sector expert is scheduled to visit in July 94.

STATUS OF ONGOING ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 12

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
INDIA							
IND/FOA/12/INV/16: Sector: Foam Type: INV	CAMPOR & ALLIED PRODUCTS LTD phase out of the use of CFCs in the manufacture of extruded polyethylene foam sheet.	120	280,000	0	Mar 94	2Q95	Approved in March 1994. Following UNDP/MPU Task Manager's visit to India in end-April 1994, UNDP has been informed by the Government that all implementing agencies must utilize the Industrial Development Bank of India (IDBI) as financial intermediary for implementation of all approved Montreal Protocol projects. Negotiations on a draft memorandum of understanding between UNDP and IDBI are ongoing. Project implementation will start as soon as the MOU is finalized.
IND/FOA/12/INV/17: Sector: Foam Type: INV	SUNPRA Ltd phase out of the use of CFCs in the manufacture of rigid PUF panels.	20	414,000	0	Mar 94	3Q95	Approved in March 1994. Status same as for Camphor and Allied project above.
IND/FOA/12/INV/18: Sector: Foam Type: INV	EAGLE FLASK INDUSTRIES LTD phase out of the use of CFCs in the manufacture of rigid PUF for thermoware.	20	365,000	0	Mar 94	2Q95	Approved in March 1994. Status same as for Camphor and Allied project above.
IND/SEV/08/INS/02: Sector: Sev Type: INS	Institutional Strengthening	0	430,600	166,970	Oct 1992	1Q96	The Ozone Cell within the Ministry of Environment and Forests (the national counterpart) has been established. Several staff are working under the direction of the Deputy Secretary (Ozone). The Ozone Cell is supporting both the Technology and Finance Standing Committee as well as India's Montreal Protocol Steering Committee in all project and programme related matters under the Protocol including implementing agency coordination.
IND/SEV/11/TAS/11: Sector: Sev Type: TAS	Survey of ODS use in the small-scale (including tiny) and informal sectors, data base generation and ODS transition management planning	0	120,000	0	Nov 1993	4Q94	As of April 1994, survey questionnaires have been prepared, reviewed by UNDP staff and then sent to small scale industries. Interviewers are being recruited and trained to recognize different types of ODS use in small and tiny enterprises and in use of the proper reporting format. The survey should be done by end-1994 and the report available soon thereafter.

STATUS OF ONGOING ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 13

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
IND/SEV/12/PRP/19: Sector: Sev Type: PRP	<u>Project Preparation Assistance</u>	0	100,000	0	Mar 94	2095 2095	Approved in March 1994. UNDP's staff visited India during 23-27 April 1994 to discuss with the Government project implementation details of approved projects and new project finalization for the 13th and subsequent ExCom Meetings.
<u>INDONESIA</u>							
IDS/SEV/10/INS/05: Sector: Sev Type: INS	<u>Institutional Strengthening</u>	0	314,780	113,260	June 1993	4096 4096	Operational. Funds corresponding to the first year's expenditure were disbursed earlier. A detailed operational report is awaited.
IDS/SEV/11/PRP/06: Sector: Sev Type: PRP	<u>Project Preparation Assistance</u>	0	100,000	25,083	Nov 1993	4094 4094	UNDP's halons sector expert visited Indonesia from 4-8 April 1994 to conduct a halons project preparation workshop as a follow-up to the newly approved Indonesia Country Programme. Meetings were held with the Government, halons users and the fire equipment industry. The aim of the workshop was to help stop new uses of halons within 3 years. Follow-up project preparation visits will take place in the next few months by UNDP's foams, refrigeration, solvents and halons sector experts.
<u>IRAN</u>							
IRA/SEV/08/INS/04: Sector: Sev Type: INS	<u>Institutional strengthening</u>	0	200,200	62,500	Oct 1992	1096 1096	There was significant delay in project implementation as the Government was setting up its Montreal Protocol internal machinery. The project document was finally signed in March 1994. Funds corresponding to the first year's expenditure have been disbursed.
IRA/SEV/08/PRP/05: Sector: Sev Type: PRP	<u>Project preparation assistance</u>	0	50,000	17,935	Oct 1992	4093 4094	The original budget for this activity was \$100,000. At the 9th ExCom Meeting, UNDP was requested to transfer \$50,000 (+ support costs) to UNIDO. While UNDP will help prepare foam sector projects, UNIDO will help prepare refrigeration sector projects. Transfer of funds was processed on 7 May 1993. UNDP foam sector project preparation missions scheduled between mid-1993 to March 94 could not proceed due to inability to obtain entry visas for recommended experts. Alternative foam sector experts have been proposed.

STATUS OF ONGOING ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 14

Project Number, Sector and Type	Project Title	00S to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
<u>KENYA</u>							
KEN/SEV/09/INS/04: Sector: Sev Type: INS	<u>Institutional strengthening</u>	0	175,000	43,000	Mar 1993	4Q96	Ongoing. Project document signed in June 94 after incorporation of a detailed workplan and budget disbursement schedule. Funds disbursed according to budget schedule.
<u>MALAYSIA</u>							
MAL/ARS/12/TAS/30: Sector: Aerosol Type: TAS	<u>Safety and Technical Programme to aid Manufactures of Aerosol Products.</u>	0	145,700	0	Mar 94	2Q96	Approved in March 1994. Project Document finalized and sent to the Government for signature. The Government's proposal for a detailed workplan and budget disbursement schedule is awaited.
MAL/FOA/11/INV/15: Sector: Foam Type: INV	<u>KEY ASSET SDN.BHD elimination of CFC-11 and methyl chloroform in the manufacture of Integral skin polyurethane foam</u>	30	690,000	690,000	Nov 1993	4Q94	Nearing completion. Procurement activities were finalized in early 1994. Equipment contracts were also awarded at that time and equipment delivery is expected in July 1994. Project commissioning should take place on schedule.
MAL/FOA/11/INV/16: Sector: Foam Type: INV	<u>Elimination of CFC-11 in the manufacture of pre-insulation pipe, panel and slabstock PUF at Insafoam Insulation Company</u>	30	310,000	310,000	Nov 1993	3Q94	Procurement activities were finalized in early 1994. Equipment delivery expected in end-August 1994. Project commissioning should take place within the specified 3Q1994 target period.
MAL/FOA/11/INV/21: Sector: Foam Type: INV	<u>Elimination of CFC-12 in the manufacture of extruded polystyrene and polyethylene foam sheet at Associated Air-Pack Industries</u>	50	234,000	9,589	Nov 1993	4Q94	Project document signed by all parties on 28 April 1994. A UNDP process consultant is currently assisting in the finalization of contracts, procurement, finalization of specifications and review of first batch of bids. Project completion and commissioning expected in 4Q1994.
MAL/FOA/12/INV/22: Sector: Foam Type: INV	<u>Cycle World Sdn Bhd elimination of CFCs in the manufacture of the polyurethane insulated panel.</u>	45	353,000	0	Mar 94	2Q95	Approved in March 1994. Project document finalized and sent to Government for signature. Finalization of equipment specifications and elaboration of the procurement process is underway.

STATUS OF ONGOING ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 15

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
MAL/FOA/12/INV/23: Sector: Foam Type: INV	<u>Pulai Lamipak Industries Sdn Bhd elimination of CFC-12</u>	50	355,000	0	Mar 94	2095	Approved in March 1994. Project Document finalized and sent to Government for signature. UNDP's process consultant is currently assisting in the finalization of contracts, procurement process and modification and finalization of specifications and review of first batch of bids.
MAL/FOA/12/INV/24: Sector: Foam Type: INV	<u>Elimination of CFC-11 in the manufacture of integral skin, spoiler and moulded flexible foam at P.U. Tech Sdn Bhd</u>	24	198,000	0	Mar 94	2095	Approved in March 1994. Project document finalized and sent to the Government for signature. In the meantime finalization of specifications and equipment procurement costing now being done.
MAL/FOA/12/INV/25: Sector: Foam Type: INV	<u>P.U. MATE Sdn Bhd elimination of CFCs in the manufacture of Integral Skin Polyurethane Foam</u>	10	113,000	0	Mar 94	2095	Approved in March 1994. Project document finalized and sent to the Government for signature. In the meantime finalization of specifications and procurement costing now being done.
MAL/FOA/12/INV/26: Sector: Foam Type: INV	<u>PEXAFOM Sdn Bhd elimination of CFC-11 in the manufacture of flexible polyurethane foam (Slabstock)</u>	120	195,000	0	Mar 94	2095	Approved in March 1994. Project document finalized and sent to the Government for signature. It is expected that project completion may take place before the targeted 20/95 date.
MAL/FOA/12/INV/27: Sector: Foam Type: INV	<u>N.Y.L. Sdn Bhd elimination of CFC-11 in the manufacture of flexible polyurethane foam (slabstock).</u>	55	130,000	0	Mar 94	2095	Approved in March 1994. Project document finalized and sent to the Government for signature. This will be a retroactive payment. This project is part of a combined investment project by the company which is expected to be completed at the end of the year.
MAL/FOA/12/INV/33: Sector: Foam Type: INV	<u>Phaseout of the use of CFCs in the manufacture of flexible polyurethane foam (slabstock) at small-scale producers.</u>	80	1,045,000	0	Mar 94	3095	Approved in March 1994. Project document finalized and sent to the Government for signature. In the meantime a preliminary workplan is being prepared and bids are under review for the survey work and installation system components that have to be done locally.
MAL/REF/04/TRA/01: Sector: Ref Type: TRA	<u>Training in MAC sector</u>	0	50,000	0	June 1991	4092	Schedule of training programme now being discussed between the Government and UNDP. For cost effectiveness, it was agreed that the training will coincide with other technical and policy assessment activities to be held during October 1994.

STATUS OF ONGOING ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 16

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
MAL/REF/12/INV/29: Sector: Ref Type: INV	<u>Elimination of CFC-11 and CFC-12 in the manufacture of home refrigerators at SHARP-ROXY.</u>	65	962,000	0	Mar 94	2096	Approved in March 94. Project document finalized and sent to the Government for signature. In the meantime, specifications being finalized for sub-contracting.
MAL/SEV/09/INS/08: Sector: Ref Type: INS	<u>Institutional strengthening</u>	0	322,520	115,920	Mar 1993	3096	Government requested to submit their detailed workplan to UNDP/Kuala Lumpur in support of the Ozone Office created under this Project.
MAL/SEV/12/PRP/31: Sector: Sev Type: PRP	<u>Project Preparation Assistance</u>	0	100,000	14,736	Mar 94	2095	Approved in March 1994. Project implementation and preparation mission was undertaken during April/May 1994 for project identification and project implementation of approved solvents and foam projects. The team comprised UNDP sector experts in foams, solvents and refrigeration, consultants, and representatives from UNDP/OPS. UNDP's halons sector expert also went to Malaysia for project identification and preparation.
MAL/SOL/11/INV/18: Sector: Solvent Type: INV	<u>Conversion of metal cleaning processes from TCA(methyl chloroform) solvents to non-ODS organic solvents at Ngai Cheong Metal Industries</u>	23	63,480	63,480	Nov 1993	4094	The project is operational. A slight delay experienced in procurement of equipment. Company now in the process of identifying two used machines and will submit quotes for review by the sector expert. Completion expected during 4Q1994.
MAL/SOL/11/INV/20: Sector: Solvent Type: INV	<u>Elimination of the use of TCA (ethyl chloroform) in home appliance parts manufacturing at Matsushita Electric Company Port Klang Plant</u>	10	173,280	173,280	Nov 1993	3094	Partially completed. The major component has been completed for which a Hand-Over Protocol was signed during 2-3 May 1994. The ODS phaseout has taken place. The company has to install exhaust ducts to carry hot air from the machine to the outside. This will be completed on schedule.
MAL/SOL/12/INV/21: Sector: Solvent Type: INV	<u>Elimination of the use of 111 TCA in the automobile bumper cleaning processes at Perusahaan Otomobil Nasional Bhd (PROTON)</u>	19	700,439	0	Mar 94	1096	Approved in March 1994. Project document finalized and sent to the Government for signature. During UNDP's team visit during 28 April - 2 May 1994, project implementation started. Contract bid evaluation is now taking place.

STATUS OF ONGOING ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 17

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
MAU/SOL/12/INV/28: Sector: Solvent Type: INV	Elimination of the use of CFC-113 in the Integrated Circuit Lead Frame Cleaning Processes at San Matech Sdn Bhd	5	141,100	0	Mar 94	4Q95	4Q95 Approved in March 1994. Project document finalized and sent to the Government for signature. During the UNDP team visit during 28 April - 2 May 1994, the company informed the team that it requires further testing before implementation can begin.
MAURITIUS							
MAU/ARS/12/INV/03: Sector: Aerosol Type: INV	Compagnie manufacturiere de produits cosmetiques ltee (COMANU)	30	62,150	0	Mar 94	2Q95	2Q95 Newly approved. Only half of the requested funds to implement this project were approved by the 12th ExCom Meeting. The company has to decide how to proceed. The two options are: (a) purchasing part of the equipment needed; or (b) incentive payment after completion of the project by the company itself. A visit to Mauritius by one of UNDP's consultants will take place in July/August 1994 during which this matter will be resolved.
MAU/SEV/12/PRP/04: Sector: Sev Type: PRP	Preparatory Assistance	0	25,000	0	Mar 94	2Q95	2Q95 Newly approved. Visits by UNDP's refrigeration and foams consultants are scheduled for July/August 94.
MEXICO							
MEX/HAL/06/TAS/06: Sector: Halon Type: TAS	Preparatory study on halons inventory and proposals for revisions of existing standards	0	25,000	27,223	Feb 1992	4Q92	3Q94 Ongoing. In its fax dated 12 May 1993, the Instituto Nacional de Ecologia, Direccion General de Normatividad Ambiental, sent a proposal for implementation of this activity. A national consultant is working on this study, and the Govt. informs UNDP that the study should be ready in July 94. It is hoped that UNDP's halons sector expert will visit Mexico in late August 1994 to discuss the study and jointly plan follow-up projects.
MEX/SEV/04/PRP/03: Sector: Sev Type: PRP	Preparation of terms of reference for investment projects identified in the country programme	0	50,000	52,277	June 1991	4Q92	3Q94 Ongoing. The national expert has drafted the first 11 project proposals to be implemented by the World Bank. Another 10 project proposals are currently being drafted by the same national consultant. Finalization of the proposals is presently being accelerated through the assistance of UNDP's refrigeration sector consultant. Projects should be ready for consideration at the 14th and 15th ExCom Meetings.

STATUS OF ONGOING ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 18

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
MEX/SEV/11/PRP/14: Sector: Sev Type: PRP	<u>Project Preparation Assistance</u>	0	50,000	11,057	Nov 1993	4Q94	Ongoing. At Government request, UNDP cooperates closely with USEPA in this activity and has supported USEPA technical visits in the halons, MAC, commercial refrigeration (for end-users) and solvents sectors. Some of the formulated projects will be implemented by UNDP. In addition, UNDP's refrigeration consultant visited Mexico twice and UNDP's foams consultant once under this project.
<u>NIGERIA</u>							
NIR/SEV/09/INS/04: Sector: Sev Type: INS	<u>Institutional strengthening</u>	0	300,000	111,174	Mar 1993	3Q96	Project document has been signed. Implementation has started. Funds corresponding to the first year's expenditure have been disbursed.
<u>PANAMA</u>							
PAN/SEV/11/PRP/03: Sector: Sev Type: PRP	<u>Project Preparation Assistance</u>	0	30,000	3,972	Nov 1993	4Q94	One of UNDP's foams consultant has visited Panama in April 94, and has provided technical assistance to a variety of plants producing foams. In addition, an umbrella investment project has been prepared resulting from this mission, which is being presented at the 13th Executive Committee Meeting. A mission by UNDP's Refrigeration Consultant is scheduled for July 94.
<u>PHILIPPINES</u>							
PHI/FOA/12/INV/23: Sector: Foam Type: INV	<u>Elimination of the residual use of CFCs in the manufacture of extruded polystyrene foam sheet in the Philippines (three companies)</u>	24	505,000	0	Mar 94	2Q95	Approved in March 1994. Project document finalized and given to the Government for signature during UNDP mission to the Philippines from 1- 8 May 1994. Project implementation discussed with the newly reconstituted Ozone Desk of the Department of Environment. Process consultant visited plants and prepared equipment specifications.

STATUS OF ONGOING ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 19

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
PHI/FOA/12/INV/24: Sector: Foam Type: INV	<u>NIKON INDUSTRIAL CORPORATION</u> <u>phased out of the use of CFCs in</u> <u>the manufacture of rigid PUF</u> <u>for thermomware.</u>	15	315,000	0	Mar 94	2Q95 2Q95	Approved in March 1994. Project document finalized and given to the Government for signature during UNDP mission from 1-8 May 1994. Project implementation discussed with the newly reconstituted Ozone Desk in the Department of Environment. Process consultant visited the plant for equipment specification. A national consultant is being recruited to implement this project and discussions with Government are ongoing.
PHI/FOA/12/INV/26: Sector: Foam Type: INV	<u>Technical Assistance Programme</u> <u>for the elimination of CFC use</u> <u>at small manufacturers of</u> <u>flexible foam.</u>	35	745,000	0	Mar 94	2Q95 2Q95	Approved in March 1994. Project document finalized and given to the Government for signature during UNDP mission from 1-8 May 1994. Project implementation discussed with the newly reconstituted Ozone Desk of the Department of Environment.
PHI/SEV/11/PRP/22: Sector: Sev Type: PRP	<u>Project preparation assistance</u>	0	50,000	15,000	Nov 1993	4Q94 4Q94	Project preparation visits during Dec93/Jan94 led to preparation and approval at the 12th ExCom Meeting of 3 foam sector projects with a total budget of \$1.565 million. A follow-up visit during 1-8 May 1994 reviewed project implementation and also finalized 4 foam sector projects that have been submitted to the 13th ExCom for approval with a total budget of \$2.175 million. A solvents sector workshop was also conducted at that time. UNDP sector experts in foams and solvents were joined by UNDP/MPU and UNDP/OPS representatives.
PHI/SEV/11/TAS/20: Sector: Others Type: TAS	<u>Survey of ODS usage, data base</u> <u>generation and technical</u> <u>assistance for ODS phase-out</u> <u>for small scale enterprises</u> <u>using ODS</u>	0	100,000	0	Nov. 93	4Q94 4Q94	During the UNDP team visit to the Philippines during 2-8 May 1994, the Government informed UNDP on the reconstitution of the Ozone Desk. There will be a consequent delay in the implementation of this project as the reconstituted Ozone Unit will review the existing project document and workplan.
SRI LANKA							
SRI LANKA							
SRL/SEV/12/INS/02: Sector: Sev Type: INS	<u>Institutional Strengthening</u>	0	154,680	59,040	Mar 94	2Q97 2Q97	Approved in March 1994. Project document signed by the Government on 29 April 1994. Funds corresponding to the first year's expenditure disbursed.

STATUS OF ONGOING ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 20

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
<u>THAILAND</u>							
THA/FOA/11/INV/20: Sector: Foam Type: INV	<u>Elimination of CFC-114 in the manufacture of extruded polystyrene foam sheet and profiles at Thermaflex Insulation Asia Company</u>	30	220,000	0	Nov 1993	4Q94 4Q94	Slight delay in the commissioning due to non-installation of safety features. Commissioning is scheduled for 4Q94. The project is somewhat ahead of schedule.
THA/FOA/12/INV/25: Sector: Foam Type: INV	<u>Elimination of the use of CFCs in the manufacture of polystyrene foam sheet in Thailand (Phase 1: Two Companies).</u>	100	455,000	0	Mar 94	2Q95 2Q95	Approved in March 1994. Project document finalized and sent to the Government for signature. This will be implemented under the retroactive modality. For Polyseal, the machine has been installed, while for Food Box, equipment procurement is being done. Commissioning to take place in 2Q95 on schedule.
THA/FOA/12/INV/26: Sector: Foam Type: INV	<u>HENGER PANEL Elimination of the use of CFCs in the manufacture of laminated rigid polyurethane foam insulation panels.</u>	15	257,500	0	Mar 94	2Q95 2Q95	Approved in March 1994. Project document finalized and sent to the Government for signature. In the meantime, specification of equipment has been finalized.
THA/FOA/12/INV/27: Sector: Foam Type: INV	<u>MIC-CELL CO Ltd elimination of CFC-12 and CFC-114.</u>	44	339,500	0	Mar 94	2Q95 2Q95	Approved in March 1994. Project document finalized and sent to the Government for signature. Process consultant is currently assisting in the finalization of contracts, procurement, specification of equipment and review of first batch of bids.
THA/FOA/12/INV/29: Sector: Foam Type: INV	<u>MODULAR COMPOUND elimination of the use of CFCs in the manufacture of laminated rigid polyurethane foam insulation panels.</u>	30	508,000	0	Mar 94	2Q95 2Q95	Approved in March 1994. Project document finalized and sent to the Government for signature. In the meantime, specification of equipment is being finalized.
THA/SEV/09/INS/08: Sector: Sev Type: INS	<u>Institutional strengthening of the Ozone Layer Protection Unit</u>	0	400,000	143,000	Mar 1993	2Q96 2Q96	An Ozone Layer Protection Unit was created under this institutional strengthening project. The Unit has recruited professional staff and a technical consultant. A workplan has been developed and is being implemented. Funds amounting to the first year's budget have been disbursed.

STATUS OF ONGOING ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 21

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
THA/SEV/10/PRP/11: Sector: Sev Type: PRP	<u>Project preparation assistance</u>	0	50,000	30,261	June 1993	2094 2094	A project preparation and identification mission in December 1993 led to 4 foam sector projects approved at the 12th ExCom Meeting with a total budget of \$1.56 million. A second UNDP expert team visit including UNDP/OPS during 18-27 April 1994 finalized 3 foam projects totalling \$1.86 million that have been submitted for approval to the 13th ExCom Meeting. UNDP's halons sector expert participated in a national workshop for major halons users, and covered issues including halon bank management. UNDP has been requested to develop project proposals in the halons sector.
<u>TRINIDAD AND TOBAGO</u>							
TRT/SEV/04/TRA/01: Sector: Sev Type: TRA	<u>Training of Government technical staff and preliminary work on country programme</u>	0	53,800	37,877	June 1991	4092 4094	Long delays due to changes in Government and national counterparts. Govt. has finally specified that CARIRI had been selected as the consulting body for CP formulation. Following a visit by a UNDP consultant assisting with CP preparation in May 94, the terms of reference with CARIRI were finalized and are now ready for signature. Implementation is expected through end-1994.
TRT/SEV/06/CPG/03: Sector: Sev Type: CPG	<u>Country programme preparation</u>	0	25,000	19,000	Feb 1992	4092 4094	Ongoing. Following innumerable delays, activities have finally been initiated following a UNDP consultant visit in May 1994 to attempt to start the CP formulation exercise. Follow-up action is expected in July or August, after sufficient data collection by CARIRI has taken place.
<u>URUGUAY</u>							
URU/REF/12/TAS/04: Sector: Ref Type: INV	<u>Technical Assistance for the conservation of refrigerant and Demonstration Programme - Installation for Recovery and Recycling of CFC-12.</u>	22	175,000	0	Mar 94	2096 2096	Newly approved. The project document was signed by UNDP and the Government under the national execution modality. A UNDP consultant visit is scheduled for end-June 94 to prepare the 4 workshops that will take place by end-August. The bidding for the purchase of the recovery and recycling equipment will take place in July 1994.
URU/SEV/10/INS/03: Sector: Sev Type: INS	<u>Institutional strengthening</u>	0	173,800	53,000	June 1993	3096 3096	Ongoing. Project document was signed in October 1993 and implementation started immediately. Funds corresponding to first year's expenditures have been disbursed and will be spent according to budget schedule.

STATUS OF ONGOING ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 22

Project Number, Sector and Type	Project Title	00S to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
<u>VENEZUELA</u>							
VEN/REF/09/PRP/10: Sector: Ref Type: PRP	Workshops for identification of projects in the refrigeration sector	0	19,800	8,400	Mar 1993	4Q93 3Q94	Ongoing. At Govt. request, UNDP sent its refrigeration training sector expert to conduct a refrigeration workshop on 12 May. The workshop covered alternative refrigerants and technologies for protecting the ozone layer and identification of alternative conversion refrigerants and technologies for the domestic and commercial refrigeration industry. One larger or two smaller workshops are to be held in 1994, but implementation is awaiting the outcome of a consultant visit by the World Bank to develop an overall action plan in this sector. The Govt indicated that it might request UNDP's refrigeration consultant to visit Venezuela during 3Q94.
VEN/REF/09/TAS/12: Sector: Ref Type: DEM	Pilot programme in recovery and recycling of CFC-12 in domestic refrigeration	8	100,000	100,000	Mar 1993	2Q94 4Q94	Ongoing. The programme will be implemented through MADOSA, one of the largest producers of refrigerators in Venezuela. Recovery machines will be purchased and demonstration workshops will be held. The terms of reference were received by UNDP in May, and contractual arrangements were initiated by UNDP/OPS in June 94.
VEN/REF/12/DEM/14: Sector: Ref Type: DEM	Pilot Programme in Recovery and Recycling of CFC-12 in Mobile Airconditioning	0	13,400	6,700	Mar 94	1Q95 1Q95	Newly approved. National consultant was recruited following the TOR prepared by FONDOIN. Activity ongoing.
VEN/SEV/09/INS/08: Sector: Sev Type: INS	Institutional strengthening	0	329,192	111,227	Oct 1992	2Q96 2Q96	Ongoing. The project document was signed in June 1993. Implementation is ongoing. Funds corresponding to the first year's expenditures have been disbursed.
VEN/SEV/11/CPG/17: Sector: Sev Type: CPG	Finalization of the Venezuela Country Program	0	12,000	0	Nov 93	4Q94 4Q94	Ongoing. Activity includes recruitment of national consultant for four months and translation services to enable Venezuela to finalize its Country Programme. Work includes finalization of three remaining sectoral reports, compilation of basic elements of the eight sectoral reports into the CP, finalization of the phaseout strategy and the list of projects and translation of documents into English.

STATUS OF ONGOING ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 23

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
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VIETNAM

VIE/SEV/12/PRP/01: Project Preparation Assistance. Sector: Sev Type: PRP		0	100,000	4,000	Mar 94	2Q95	Newly approved. UNDP's foams consultant visited Vietnam in April/May 94 and held in-depth discussions with Government counterpart institutions and industries about future activities in Vietnam in the foams and other sectors. Follow-up visits are scheduled in end-July/August by two foams consultants and one halons consultant to start project identification. Since this exercise is of direct interest to UNEP which is lead agency for CP preparation, UNDP is coordinating closely with UNEP. We have also kept UNIDO informed in view of their interest in refrigeration sector ODS phaseout programmes in Vietnam.
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REGIONAL

ASP/REF/06/TRA/03: One of three MAC recycling training / demonstration programmes (Asia) Sector: Ref Type: TRA		0	45,000	0	Feb 1992	4Q92 4Q94	Deferred. Awaiting further guidance from the Executive Committee on what is fundable in this sector so materials can be prepared and the workshop designed accordingly.
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GLO/REF/06/TRA/03: One of three MAC recycling training / demonstration programmes (Middle East) Sector: Ref Type: TRA		0	45,000	0	Feb 1992	4Q92 4Q94	Deferred. Same reason as for the Asia regional MAC workshop.
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LAC/REF/06/TRA/04: One of three MAC CFC-recycling programmes (Latin America) Sector: Ref Type: TRA		0	45,000	0	Feb 1992	4Q92 4Q94	Deferred. Same reason as for the Asia MAC regional workshop.
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GLOBAL

STATUS OF ONGOING ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 24

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
GLO/ARS/06/TAS/05: Sector: Aerosol Type: TAS	<u>Technical assistance in aerosols</u>	0	60,000	44,212	Feb 1992	4Q92 4Q94	Ongoing. Activities planned in this sector for second half 1994 would require the assistance of a sector expert in Asia and Latin America. Activity completion expected in 4Q94.
GLO/HAL/08/TAS/23: Sector: Halon Type: TAS	<u>Global Halons Project</u>	0	345,133	41,765	Oct 1992	4Q94 4Q94	Ongoing. Several activities undertaken to date in 1994 under the technical guidance of UNDP's halons sector expert. A USEPA visit supported by UNDP outlined a halon-1211 phaseout strategy for China and developed a more complete reporting of data on machines deployed to China. In Ecuador, UNDP supported USEPA's training programme in halon-1211 recovery/recycling machines during 8-14 May 1994. In May 1994, a USEPA representative went to Panama (UNDP supported) to implement a fire extinguisher exchange programme (FEPP) with a follow-up trip scheduled for 12-16 June 1994. Future planned activities scheduled in Argentina, Chile, Uruguay, Venezuela, Fiji, Malaysia, Philippines, and Thailand.
GLO/REF/06/TAS/06: Sector: Ref Type: TAS	<u>Technical assistance in MAC</u>	0	50,000	13,623	Feb 1992	4Q92 4Q94	UNDP has delayed recruitment of its MAC sector expert pending clarification of Executive Committee guidelines on what can be funded. In the interim, UNDP's other sector experts (Norris, Kelly) who have had prior exposure in this area are assisting UNDP as needed.
GLO/REF/06/TAS/07: Sector: Ref Type: TAS	<u>Technical assistance in refrigeration</u>	0	90,000	66,000	Feb 1992	4Q92 2Q94	Due to increased activities in the refrigeration sector, particularly in Latin America, the services of the refrigeration sector expert, Stuart Kelly, have been extended. He has since assisted the Governments of Colombia, Mexico, and Peru on project identification, preparation and formulation and in Egypt for project implementation of the refrigeration component of some foam projects.
GLO/REF/08/TAS/24: Sector: Ref Type: TAS	<u>Global MAC project</u>	0	318,584	82,340	Oct 1992	4Q94 4Q94	This project is being implemented in coordination with USEPA. A completed project in China cost \$33,766. A second project, jointly with USEPA and FONDOIN, is a Pilot Demonstration Project for Mobile Air Conditioning in Venezuela. The project includes the procurement of 20 recycling machines with accessories and spare parts, leak detectors, and workshops (26-27 May 1994) at which observers from Brazil, Ecuador and Colombia participated. Information dissemination and lessons learned through this effort may support future programme development in Venezuela and other countries.

STATUS OF ONGOING ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 25

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
GLO/SEV/06/TRA/11: Sector: Sev Type: TAS	<u>Three national policy workshops</u>	0	45,000	27,240	Feb 1992	4Q92 3Q94	Two national policy workshops have been funded. The first was in India in Late-March 1993 with the participation of the World Bank and attended by 70 participants. The second was in Peru during 12-14 April 1994 attended by UNDP sector experts in foams, aerosols and refrigeration that has helped generate requests for project preparation assistance.
GLO/SEV/06/TRA/12: Sector: Sev Type: TRA	<u>Two study-tours for officials and industry representatives</u>	0	50,000	0	Feb 1992	4Q92 3Q94	Technical assessment/evaluation visits at the request of the Governments of Malaysia and India are being arranged during 3Q1994.
GLO/SEV/06/TRA/13: Sector: Sev Type: TRA	<u>Participation at workshops and key meetings</u>	0	140,000	131,737	Feb 1992	4Q92 4Q94	Ongoing. Remaining funds already budgeted for a few developing country representatives to attend the 1994 International Conference on CFCs and Halons Alternatives, October 1994, in Washington D.C.
GLO/SEV/12/TAS/63: Sector: Sev Type: TAS	<u>Safety, pre-assessment and post-assessment of foam and solvent sector projects implemented by UNDP.</u>	0	25,000	0	Mar 94	2Q95 2Q95	Approved in March 1994. Procurement of equipment in process.

111

COMPLETED ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 1

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
<u>BANGLADESH</u>							
BGD/SEV/04/TAS/01: Sector: Sev Type: CPG	<u>ODS reconnaissance survey and training</u>	0	55,000	53,850	June 1991	4Q92 2Q93	Completed. Reconnaissance study completed in February 1993 and training activities completed in mid-1993. Reconnaissance study was used as the basis for country programme preparation and a draft CP report is under review. The balance of the funds (\$1,150) would be used during CP preparation.
<u>BRAZIL</u>							
BRA/REF/06/DEM/01: Sector: Ref Type: DEM	<u>Demonstration programme for analysis of refrigerant CFC reuse technologies & processes</u>	0	25,000	25,000	Feb 1992	4Q92 2Q94	Completed. The study was completed in May 1994 and comprised three phases: first, a study on relevant US conditions, second, a study on Brazilian conditions, and third, comparison and evaluation of the results with recommendations for future sectoral programmes in Brazil. The final report has been received recently and will be commented upon by UNDP's refrigeration sector expert during his upcoming visit to Brazil during late-June 1994.
<u>CHILE</u>							
CHI/REF/06/DEM/02: Sector: Ref Type: DEM	<u>Demonstration programme for technicians in refrigerator</u>	0	25,000	25,000	Feb 1992	4Q92 3Q93	Completed. A national workshop and demonstration programme was held during 21-22 June 1993. The proceedings were prepared (in Spanish) and distributed to all participants.
<u>CHINA</u>							
CPR/FOA/06/TAS/04: Sector: Foam Type: TAS	<u>Quality control testing on CFC-11 substitute technology in a production line for home refrigerators</u>	0	65,000	60,019	Feb 1992	4Q92 3Q93	Completed. Technologies used in the US and Japan were evaluated for relevance in China. The result of this technical assistance has been to significantly boost the ODS phaseout investment programme in the refrigerator sector. Several investment projects are under preparation and will use a one-step rather than a two-step ODS phaseout process.

COMPLETED ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 2

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
CPR/FOA/06/TAS/05: Sector: Foam Type: TAS	<u>Technical Assistance for CFC-11 substitute technology in rigid polyurethane foam</u>	0	70,000	70,000	Feb 1992	4092 3093	Completed. Technology assessment visit during August 28 - 17 September 1993 on rigid spray and pipe insulation. Several European (Belgium, Denmark, Germany and Netherlands) industries using CFC-free technologies in their plants were visited. The team attended the Congress on CFC-free Technologies in Aarhus, Denmark. Both technology assessment visits will result in demonstration projects in this area to be submitted in 1994. The information received during the mission will allow the design of projects for CFC-free technology instead of 50% CFC-reduced technology.
CPR/HAL/06/TAS/06: Sector: Halon Type: TAS	<u>Technical study on halons usage and applications of halons substitutes</u>	0	40,000	43,345	Feb 1992	4092 2093	Completed. The technology review team visited Denmark, Germany and the UK in June/July 1993 to examine the use of halon alternatives, to review the practical problems on replacing halons in critical applications, and to evaluate new technology development. The information obtained is being used to develop China's halons sector phaseout strategy.
CPR/REF/06/TAS/07: Sector: Ref Type: TAS	<u>Feasibility study on the application of HFC-134a technology in MACs and CFC recycling</u>	0	40,000	24,836	Feb 1992	4092 4093	Completed. Activity undertaken by the China National Automotive Industry Corporation (CNAIC). Cooperating bodies were the China Automotive Technology and Research Center, the Shanghai Automotive Institute and the Changchun Automobile Research Institute. A technology assessment mission to Europe and Asia took place during 20 September - 10 October 1993. Final report has been received. Some financial obligations are still outstanding.
CPR/REF/06/TRA/08: Sector: Ref Type: TAS	<u>Evaluation on the use of reduced ODS and ODS-free technologies in the manufacture of refrigerators</u>	0	75,000	75,000	Feb 1992	1093 3093	Completed. Two technology assessment missions undertaken in August 1993. Evaluation of European recycling technologies resulted in several project proposals being prepared. Evaluation of technologies in the refrigeration area covering foams as well as refrigerants in Europe, Japan and USA were combined for financial reasons.
CPR/SEV/06/CPG/12: Sector: Sev Type: CPG	<u>Country programme preparation</u>	0	200,000	200,000	Feb 1992	1093 1093	Completed. Country Programme prepared with UNDP as lead implementing agency. It was approved by the ExCom at its 9th Meeting in March 1993.

COMPLETED ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 3

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
CPR/SEV/09/PRP/28: Sector: Sev Type: PRP	<u>Project preparation assistance</u>	0	100,000	100,000	Mar 1993	4Q93 3Q93	Completed. UNDP technical sector experts in halons, foams & solvents and other UNDP consultants have assisted the Government in developing and technically reviewing project proposals. Two foams projects (\$1,280,000), two solvents projects (\$803,700), one halons project (\$280,000) and one refrigeration sector project (\$200,000) were approved at the 10th ExCom in June 1993 and are being implemented. One foam project (\$435,000), one CFC recycling project (\$100,000), and a national standards project (\$362,500) were approved at the 11th ExCom in November 1993.
CPR/SOL/06/TAS/09: Sector: Solvent Type: TAS	<u>Prefeasibility study to phaseout CFC-113 in electronics cleaning in four production lines</u>	0	40,000	41,829	Feb 1992	4Q92 1Q93	Completed. The associated solvents technology evaluation visit in Dec. 1992 evaluated alternative CFC-113 replacement technologies for different production lines and products. Two demonstration production line projects (Dalian, Dandong) were approved by the ExCom in June 1992 and two additional ones (Chengdu, Nanjing) were approved in June 1993.
CSR/SEV/04/TAS/01: Sector: Sev Type: CPG	<u>Reconnaissance study</u>	0	20,000	23,422	June 1991	4Q91 2Q92	Completed. Two missions were undertaken and the ODS reconnaissance study was completed in 2Q1992 and used as a direct input into CP preparation.
CSR/SEV/06/CPG/02: Sector: Sev Type: CPG	<u>Country programme preparation</u>	0	20,000	22,909	June 1992	4Q92 3Q92	Completed. Country programme was finalized in advance of schedule with UNDP as lead agency. It was approved at the 8th ExCom Meeting in October 1992.

CUBA

COMPLETED ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 4

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
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CUB/SEV/08/CPG/01:	<u>Country programme preparation</u>	0	20,000	15,000	Oct 1992	2093 2093	Completed. Following completion of the ODS reconnaissance study, the preparation of the CP started immediately thereafter. The CP was completed very rapidly and was presented and approved at the 10th ExCom Meeting in June 1993. A project identification mission requested by the Government was implemented by a UNDP/MPU staff in February 1994 resulting in two project proposals submitted for approval to the 13th ExCom Meeting.
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ECUADOR

ECU/REF/06/TRA/03:	<u>CFC refrigerant conversion and materials handling training programme</u>	0	140,000	148,450	Feb 1992	2094 2094	Completed. The original amount approved in 1992 was \$100,000. Two initial workshops were held in aerosols, foams, halons and refrigeration. The workshops, at which the World Bank also played a key role, had several participants from Governmental agencies and NGOs. An additional \$40,000 was approved in July 1993. The following additional workshops were completed: Solvents (Quito, 1-2 March 94, Guayaquil, 3-4 March 94), Aerosols (Quito, 7-8 March 94, Guayaquil, 10-11 March 94), Refrigeration/MAC (Quito, 14-16 March 94, Guayaquil, 17-18 March 94) and one in Foams (Quito, 21-23 March 94). Workshop reports are expected shortly.
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EGYPT

EGY/FOA/08/INV/05:	<u>Phaseout of CFC-11 in the manufacturing of flexible polyurethane foam at Misr Foam Factory</u>	121	497,000	500,489	Oct 1992	4094 1094	Completed. Implementation started in March 1993. The project objective was to phaseout CFC-11 on a slabstock foam machine using methylene chloride as an auxiliary blowing agent. Missions were undertaken in Sept93, Nov93 and Jan94. Construction and installation activities were completed and additional safety systems installed. A completion certificate was issued in January 1994 and, through a Hand-Over Protocol, the equipment was officially transferred to the company through the Government. 121 tonnes/year of CFC-11 were phased-out through this project, which was completed almost one year ahead of schedule.
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COMPLETED ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 5

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
EGY/FOA/08/INV/07: Sector: Foam Type: INV	Phase-out of CFC-11 in the manufacture of molded polyurethane foams at Technopol Co.	55	645,000	676,211	Oct 1992	4094 2094	Completed. The project replaced CFC-11 by switching to an all-water blown technology. Equipment supplied included a urethane dispensing machine and associated equipment for the molding operation. Equipment installation and staff training has been completed. The project was commissioned on 18 April 1994, half a year ahead of schedule and has phased-out 55 tonnes/year of CFC-11.
EGY/FOA/09/INV/11: Sector: Foam Type: INV	Phaseout of CFC-11 in molded foam manufacturing at Misr Foam Factory	28	275,000	284,431	Mar 1993	1094 4093	Completed. The objective was to eliminate CFC-11 use through high-pressure molding machines using an all-water blown system. UNDP foam experts visited the project site in Sept93 and Nov93. Equipment installation, startup and national staff training were completed. The completion certificate was issued and equipment was handed over to the company through the Government on 9 November 1993, ahead of schedule. Through this project, 28 tonnes/year of CFC-11 were phased-out.
EGY/REF/08/INV/09: Sector: Ref Type: INV	Phaseout of CFCs in refrigeration at Koldair Company	18	272,000	250,021	Oct 1992	4094 1094	Completed. Equipment procured and installed. Following a mission by UNDP's refrigeration sector expert in Jan94, the project was commissioned, the completion certificate was issued and equipment was handed over to the company through the Government in January 1994. 18 tonnes/year of ODS were phased-out through recycling and recovery during maintenance of refrigeration units. The project was completed almost a year ahead of schedule. Since our last status report, additional training (through a consultant) on safety issues has taken place and refrigeration tanks were purchased. The consultant recommended additional safety equipment which is under review.
EGY/SEV/05/TRA/02: Sector: Sev Type: TRA	Study tours for government and industry officials, and pre-feasibility studies	0	51,000	44,090	June 1991	2092 2092	Completed. Study tours were completed in Nov91 (ozone policy implementation) and in Feb92 (refrigeration). Pre-feasibility studies were prepared mainly by national experts and EEAA staff and led to the formulation of refrigeration and foam sector investment projects. \$75,000 from the original budget was transferred to activity EGY/SEV/11/PRP/20 (see below) as approved at the 11th ExCom Meeting in Nov 93. The increase in cost compared to the previous report is to cover the expense of a visit by UNDP's refrigeration consultant in April 94 as a follow-up to one of the older pre-feasibility studies.

COMPLETED ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 6

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
EGY/SEV/06/PRP/03: Sector: Sev Type: PRP	<u>Preparation of investment projects</u>	0	100,000	100,319	Feb 1992	3093 3093	Completed. Three UNDP expert/staff visits completed by Jan. 1993 during which several foam sector investment projects were formulated. A fourth project preparation visit was completed in April 1993. A fifth combined project implementation and preparation visit was completed in early September 1993. 11 investment projects amounting to \$5.03 million were approved by the 8th, 9th, 10th and 11th ExCom Meetings between Oct92 and Nov93 as a direct result of this activity.
<u>GHANA</u>							
GHA/REF/04/TRA/02: Sector: Ref Type: TRA	<u>Refrigeration training programme for servicing technicians</u>	0	5,200	5,200	June 1991	4092 4092	Completed. It was agreed that UNEP/Paris would implement this activity with UNDP transferring the remaining funds (\$93,800 + support costs) to UNEP/Paris. The funds were decreased accordingly, and the remaining US\$ 5,200 covers a visit by UNDP's refrigeration training consultant, undertaken before the transfer of funds took place.
<u>INDIA</u>							
IND/SEV/08/PRP/01: Sector: Sev Type: PRP	<u>Assistance in project preparation</u>	0	100,000	81,661	Oct 1992	4093 1094	Completed. A workshop on project preparation was funded during 31 March - 2 April 1993. UNDP sector experts working on the country programme also assisted in project preparation thereby economizing on travel costs. Eight foams sector projects, two halons sector projects and small scale industry project were identified. The small-scale industry survey was approved at the 11th ExCom and 3 foam sector projects totalling \$1.06 million were approved at the 12th ExCom. Four projects totalling \$1.58 million have been submitted for approval at the 13th ExCom. UNDP staff visited New Delhi during 2-4 February 94 for new project finalization and to discuss implementation details of ongoing projects.
IND/SEV/09/CPR/03: Sector: Sev Type: CPG	<u>Country programme preparation</u>	0	200,000	200,000	Mar 1993	3093 3093	Completed. Presented at the 11th ExCom meeting in November 1993.

COMPLETED ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 7

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
<u>INDONESIA</u>							
IDS/SEV/08/CPG/01: Sector: Sev Type: CPG	<u>Country programme preparation</u>	0	200,000	200,000	Oct 1992	4Q93 4Q93	Completed. Country Programme was approved at the 12th Executive Committee Meeting. UNDP was lead agency for CP preparation.
<u>IRAN</u>							
IRA/SEV/04/TAS/01: Sector: Sev Type: CPG	<u>ODS reconnaissance survey</u>	0	30,350	30,350	June 1991	4Q91 2Q92	Completed in 2Q1992 and used as input to the Country Programme.
IRA/SEV/06/CPG/02: Sector: Sev Type: CPG	<u>Country programme preparation</u>	0	35,000	35,000	Feb 1992	4Q92 2Q93	Completed. Country Programme approved at 10th ExCom Meeting in June 1993.
<u>JORDAN</u>							
JOR/ARS/04/TAS/01: Sector: Aerosol Type: TAS	<u>Technical assistance and study in the aerosols sector</u>	0	29,000	29,000	June 1991	4Q91 1Q92	Completed. The two Finnish experts completed their assignments in Feb 1992. The results were used by the World Bank in the development of an aerosols investment project and in specification of additional technical assistance in aerosols and other sectors.
JOR/ARS/06/TAS/12: Sector: Aerosol Type: TAS	<u>Feasibility study on deodorization of local gas as a CFC substitute in cosmetics</u>	0	12,000	12,000	Feb 1992	4Q92 2Q93	Completed. The feasibility study was done based on experience obtained from a technology evaluation visit to Egypt by Jordanian aerosols staff during 12-18 June 1993.

COMPLETED ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 8

Project Number, Sector and Type	Project Title	00S to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
<u>KENYA</u>							
KEN/REF/10/TRA/05: Sector: Ref Type: DEM	Demonstration and training unit for maintenance and recharge of refrigeration and air conditioning equipment	0	9,850	9,852	June 1991	4Q92 4Q92	Completed. It was agreed that UNEP/Paris would implement this activity with UNDP transferring the remaining funds (\$105,248 + support cost) to UNEP Paris. The funds were decreased accordingly, and the remaining \$9,852 covers a visit by UNDP's refrigeration training expert who undertook a training mission to Kenya in late 1992.
KEN/SEV/06/CPG/02: Sector: Sev Type: CPG	Country programme preparation	0	25,000	22,730	Feb 1992	3Q93 2Q94	Completed. Initial mission by UNDP expert in Feb. 93 working with two national experts. A first draft CP was reviewed; it was found that additional work was needed. A UNDP consultant visited Kenya in March 1994 and successfully assisted the counterpart complete the country programme which is being submitted for approval at the 13th ExCom Meeting.
<u>MALAYSIA</u>							
MAL/FOA/10/INV/11: Sector: Foam Type: INV	Elimination of CFC-12 in the manufacture of extruded polystyrene foam sheet at Jumaya Industries	150	235,811	235,873	June 1993	4Q94 4Q93	Completed. Hand-Over Protocol was signed on 4 December 1993. The project phased-out 150 tonnes/year of CFC-12. It was completed almost one year ahead of schedule.
MAL/FOA/11/INV/17: Sector: Foam Type: INV	Elimination of CFC-11 in the manufacture of integral skin PUF at Island Resources Company	30	230,000	230,000	Nov 1993	3Q94 2Q94	Completed. Hand-Over Protocol was signed on 30 April 1994. The project was completed 4-5 months ahead of the targeted 3Q1994 completion date.
MAL/SEV/10/PRP/14: Sector: Sev Type: PRP	Project preparation assistance	0	50,000	54,438	June 1993	1Q94 1Q94	Completed. A second project identification and preparation mission in November 1993 resulted in 7 foam projects, 2 solvents projects, 1 aerosols project and 1 refrigeration sector project approved at the 12th ExCom Meeting for UNDP implementation with a total budget of \$4.34 million.

COMPLETED ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 9

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
MAL/SEV/10/TRA/13: Sector: Sev Type: TRA	<u>National ODS Conference</u>	0	40,000	40,000	June 1993	3Q93	Completed. Conference held during 20-21 July 1993. 400 national participants were informed on the national phaseout strategy, project preparation modalities and provided with updates on the latest available ODS phaseout technologies.
MAL/SOL/11/INV/19: Sector: Solvent Type: INV	<u>Elimination of the use of ICA (methyl chloroform) in home appliance parts manufacturing at Matsushita Electric Company main plant</u>	10	113,570	113,570	Nov 1993	3Q94	Completed. Hand-Over Protocol signed during 2-3 May 1994. The project was completed ahead of the targeted 3Q1994 date.
<u>NIGERIA</u>							
NIR/SEV/04/TRA/02: Sector: Sev Type: TRA	<u>National seminar on industry & protection of the ozone layer</u>	0	49,650	26,449	June 1991	1Q92	Completed. The seminar was conducted by UNDP's refrigeration training sector expert, five national consultants, and other resource persons in November 1992. The Government informed UNDP that it was pleased with the effectiveness of the seminar.
<u>PHILIPPINES</u>							
PHI/REF/04/TRA/01: Sector: Ref Type: TRA	<u>Training programme in the refrigeration sector</u>	0	64,000	62,297	June 1991	2Q92	Completed. Five training courses and one seminar/conference were completed during 2Q92-3Q92 and all project activities were completed by Dec 1992. Over 150 service centre technicians were trained in refrigeration servicing and recycling procedures so as to cut CFC emissions. National consumer protection groups observed the training programme and have made recommendations for the expansion of this programme to all small-scale production, installation and repair service firms that use CFCs in the refrigeration sector. Copy of the final report given to the Fund Secretariat.
PHI/SEV/08/CPG/05: Sector: Sev Type: CPG	<u>Country programme preparation</u>	0	79,640	84,820	Oct 1992	2Q93	Completed. Country Programme approved at the 10th ExCom Meeting in June 1993.

COMPLETED ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 10

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
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SRI LANKA

SRL/SEV/06/CPG/01: Country programme preparation
Sector: Sev
Type: CPG
0 35,000 35,000 Feb 1992 2Q93 4Q93 Completed. Country Programme approved during the 12th ExCom Meeting.

THAILAND

THA/SEV/04/TRA/02: Training of Government staff
Sector: Sev
Type: TRA
0 50,000 53,785 June 1991 2Q92 4Q92 Completed. Several staff trained in CFC replacement technologies and national ODS phaseout policy implementation. Through this activity the Government was able to initiate coordination and monitoring of Protocol-related activities in Thailand using a sector coordinator.

URUGUAY

URU/SEV/04/TAS/01: Consultant mission to assess technical assistance requirements
Sector: Sev
Type: TAS
0 13,050 14,042 June 1991 4Q91 4Q92 Completed. Consultancy visit in October 1992. In addition to assessing technical assistance requirements, the consultants prepared the outline for an ODS reconnaissance study. UNDP's foams consultant visited in April 94 at Govt. request, and these costs will be reversed to the project preparation activity once approved at the 13th ExCom Meeting.

URU/SEV/08/CPG/02: Country programme preparation
Sector: Sev
Type: CPG
0 23,894 25,444 Oct 1992 2Q93 2Q93 Completed. The ODS reconnaissance study was undertaken and CP formulation started in February 1993. The CP was finalized in April 1993, and was presented and approved during the 10th ExCom meeting in June 1993. The CP has been translated into English. A late invoice for a translation service requested earlier is responsible for the small cost increase as compared to our previous progress report.

COMPLETED ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 11

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
<u>VENEZUELA</u>							
VEN/HAL/09/TAS/09: Sector: Halon Type: TRA	Workshops for the recycling and banking of halons	0	26,800	23,100	Mar 1993	1094 2094	Completed. UNDP sent an expert to participate at a halons conference in Caracas to discuss new substitutes listed in the NFPA 2001 report. A national, working on halons, attended the Halon Alternatives Workshop in New Mexico (11-13 May 1993) to review halon replacements and alternatives; this will directly assist the design and implementation of future activities in this sector. Another workshop was held in early November 1993 on new substitutes for halons, the report of which is being finalized. This will be the last activity under this project.
VEN/REF/04/TRA/01: Sector: Ref Type: TRA	Technical assistance and training of servicing technicians in the refrigeration sector	0	30,000	19,020	Jun 1991	1092 2092	Completed. Two national seminars on CFC usage in refrigeration systems and alternatives to CFCs were held in June 1992 in Caracas and Valencia. A training videotape produced will be used as a training aid for similar programmes in Latin America.
VEN/REF/09/TAS/11: Sector: Ref Type: TRA	Workshops on conversion and installation of new non-ODS central A/C systems	0	26,200	13,200	Mar 1993	2094 2094	Completed. Two seminars held on 15 April and 14 May 1993 covered technological and financial systems directed to the conversion of plants to alternative substances. Four more seminars are under consideration by the Government. The Government has requested transfer of some of the remaining funds to Halons Project (VEN/REF/12/DEM/14) which was approved at the 12th ExCom Meeting. The budget amount of this project has been decreased accordingly.
<u>REGIONAL</u>							
AFR/FOA/06/TRA/03: Sector: Foam Type: TRA	One of three low-CFC foam training and demonstration programmes (Middle East/Africa)	0	52,500	38,087	Feb 1992	4092 4093	Completed. The Middle East/North Africa Regional Workshop was held in Cairo, Egypt during 2-4 November 1993. The workshop demonstrated project applications using low-CFC foam technologies. Several participants praised UNDP on the high technical content of the workshop. Workshop report finalized.

COMPLETED ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 12

Project Number, Sector and Type	Project Title	00S to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
ASP/FOA/06/TRA/05: Sector: Foam Type: TRA	One of three low-CFC foams training and demonstration programme (Asia and Pacific)	0	52,500	36,828	Feb 1992	4Q92 4Q93	Completed. The Asia/Pacific Regional Workshop was held during 7-8 December 1993 in Bangkok, Thailand. Eleven countries participated (10 from Asia and 1 from Africa) who sent two representatives each (one from Government and one from industry). Participants said that the workshop had clarified their technical and operational questions as to the most effective ODS phaseout options and their funding eligibility.
GLO/HAL/06/TRA/16: Sector: Halon Type: TRA	One of two halons reduction - recycling training & demonstration programmes (Africa and Middle East)	0	60,000	39,012	Feb 1992	4Q92 4Q93	Completed. UNDP's Middle East/North Africa Regional Demonstration Programme was held during 6-8 Nov. 1993 in Cairo, Egypt, with the assistance of EEAA and the Danish Institute for Fire Protection Technology. Ten countries from the Middle East area and three from Africa participated. The programme helped raise the awareness of alternative fire extinguishing techniques and halon banking/recycling programmes. Halon-1211 recycling/recovery machines were demonstrated.
LAC/FOA/06/TRA/02: Sector: Foam Type: TRA	One of three low-CFC foam training and demonstration programme (Latin America)	0	52,500	53,812	Feb 1992	4Q93 4Q93	Completed. The South America Regional Foams Workshop was held in Sao Paulo, Brazil, during 15-17 Dec 1993. While 45 participants were expected, 85 showed up, and many of them informed us that the technical content, case studies and incremental cost calculation examples, presented at the workshop were highly appreciated and would be utilized accordingly.
LAC/HAL/06/TRA/03: Sector: Halon Type: TRA	One of two halons reduction - recycling training and demonstration programmes (Latin America)	0	60,000	44,842	Feb 1992	1Q94 2Q94	Completed. The Latin America Regional Workshop and Demonstration Programme on Halons was held in Caracas, Venezuela, during 27-29 April 1994. Two Halon-1211 recycling/recharging machines were demonstrated. Halon-1301 replacement technologies were also covered. USEPA and the Danish Institute for Fire Technology participated and contributed to the substantive content of the workshop.
LAC/REF/06/TRA/05: Sector: Ref Type: TRA	One training and demonstration programme in commercial/ industrial refrigeration in Latin America	0	23,000	23,047	Feb 1992	3Q92 3Q92	Completed. The Latin America regional programme that focused on centrifugal chillers was jointly sponsored by USEPA, UNDP and Mexico and was held during 27-28 July 1992 in Mexico City. In addition to several representatives from Mexico, technical representatives attended from Argentina, Brazil, Panama, Uruguay and Venezuela.

COMPLETED ACTIVITIES UNDER UNDP'S WORK PROGRAMME UNDER THE MONTREAL PROTOCOL
(as of 13 June 1994)

Page: 13

Project Number, Sector and Type	Project Title	ODS to be phased out (tonnes)	Approved Funding (US\$)	Disbursed Obligated (US\$)	Date of Approval	Date of Completion Proposed/Expected	STATUS (Progress/Delay)
GLOBAL							
GLO/FOA/06/TAS/08: Sector: Foam Type: TAS	Technical assistance in flexible polyurethane foam sector	0	40,000	40,000	Feb 1992	4Q92 4Q93	Completed. The UNDP foams sector expert during 1992-1993 provided advisory services to China, Egypt, India, Indonesia, Malaysia and Thailand. Ghana was also assisted. In addition, the sector expert was responsible for coordinating technical and organizational arrangements for the three regional foams sector training/demonstration programmes in Asia, Middle East/Africa and Latin America. Other foam consultants have also been recruited to help review projects and assist in provision of technical assistance. Activity completed in 4Q1993.
GLO/FOA/06/TAS/17: Sector: Foam Type: TAS	Technical Assistance in rigid polyurethane foam sector	0	60,000	60,000	Feb 1992	4Q92 4Q93	Completed. See comments on flexible polyurethane foams
GLO/HAL/06/DEM/04: Sector: Halon Type: DEM	Procurement of 40 halon recycling machines for demonstration	0	250,000	250,000	June 1992	2Q93 3Q93	Completed. Procurement of halons recycling equipment completed. This has been of great value particularly with respect to UNDP/USEPA training initiatives in the use of the machines implemented under the Global Halons Project. 27 machines have already been shipped and the remaining 15 will be shipped following the completion of arrangements within countries for their utilization.
GLO/HAL/06/TAS/10: Sector: Halon Type: TAS	Technical assistance in halons	0	70,000	70,000	Feb 1992	4Q92 2Q94	Completed. The UNDP halons sector expert provided advisory services to China, Egypt, India, Indonesia, Malaysia and Thailand. In addition, the sector expert was responsible for the technical content of the Middle East/Africa halons reduction/recycling training and demonstration programme held in Cairo during 6-8 November 1993 and for the Latin American one held in Caracas during 27-29 April 1994.
GLO/SOL/06/TAS/09: Sector: Solvent Type: TAS	Technical assistance in solvents	0	50,000	50,000	Feb 1992	4Q92 3Q93	Completed. UNDP's solvents sector expert during April 1992 to September 1993 provided advisory services to China, India, Indonesia, Malaysia and Thailand. Other countries are being assisted on request. The sector expert is coordinating closely with World Bank and bilateral programmes in the solvents sector.

UNEP

Country Sector	Project Title	ODS to be phase-out	Date of approval	Approved Funding	Time frame	Status of implementation
ALGERIA						
Several	Country programme preparation		Mar 1993	\$15,000	Mar-Jun 1993	Completed, approved by the 11th ExCom Meeting
	Institutional Strengthening		Nov 1993	\$297,000	1994-1996	Project document being finalized. Activities to start in 2nd half of 1994.
ANTIGUA AND BARBUDA						
Several	Country programme preparation		Oct 1993	\$30,000	1994	Phase I is expected to start in 3rd quarter 1994
BAHAMAS						
Several	Country programme preparation		Oct 1993	\$40,000	1994	Phase I is expected to start in 3rd quarter 1994
BAHRAIN	Country Programme preparation		Mar 1994	\$50,000	1994	Phase I is expected to start in August 1994
BARBADOS						
Several	Country programme preparation		Mar 1993	\$30,000	1993-1994	Phase II to start in 3rd quarter 1994
BOTSWANA						
Several	Country programme preparation		Feb 1992	\$40,000	1992-1994	Being submitted to the 13th ExCom meeting. The delay due to slow response from Government.
BURKINA FASO						
Several	Country programme preparation		Feb 1992	\$30,000	1992-1993	Completed, approved by the 11th ExCom meeting.
	Institutional Strengthening		Nov 1993	\$83,500	1994-1997	Project document being finalized. Activities to start in 2nd half of 1994.

Country Sector	Project Title	ODS to be phase-out	Date of approval	Approved Funding	Time frame	Status of implementation
Refrigeration	Customs training		Nov 1993	\$14,500	1994	Expected to be held in 3rd quarter 1994 . The date being finalized in consultation with Government.
	Training of repair technicians		Nov 1993	\$41,500	1994	Planned for first quarter 1995
	Country programme preparation		Feb 1992	\$30,000	1992-June 1993	Completed, approved by 10th ExCom meeting.
	Training for customs		Jun 1993	\$20,200	1993-1994	Expected to be held in 3rd quarter 1994 . The date being finalized in consultation with Government.
CENTRAL AFRICAN REPUBLIC	Institutional Strengthening		Nov 1993	\$161,000	1994-1997	Project document being finalized. Activities to start in 2nd half 1994.
	Country Programme preparation		Mar 1994	\$50,000	1994	Phase I expected in August 1994
	Country programme preparation		Nov 1993	\$10,000	1994	Country Programme approved by 12th ExCom meeting.
	Institutional Strengthening					Revised document being submitted for 13th ExCom meeting.
FIJI	Country programme preparation		June 1991	\$25,000	1991-June 1992	Completed, approved by 10th ExCom meeting.
	Institutional Strengthening		Mar 1994	\$65,890	1994-1997	Project document being finalized. Activities to start in 2nd half 1994.

Country Sector	Project Title	ODS to be phase-out	Date of approval	Approved Funding	Time frame	Status of implementation
GAMBIA						
Several	Country programme preparation		Feb 1992	\$30,000	1992-1993	Delayed due to late response from Government, on details for Phase I visit.
GHANA						
Several	Country programme preparation		Jun 1991	\$25,000	1991-1992	Completed. Country Programme approved at 8th ExCom Meeting
Refrigeration	Implementation of train the trainer programme and national demonstration programme		Jun 1993	\$99,000	4th quarter 1993	Funds transferred to UNEP in June 1993. First two training courses completed in October 1993. Establishment of NRDC (National Refrigeration Demonstration Centre) is in process. Expected date of establishment 2nd quarter 1994.
GUATEMALA						
Several	Country programme preparation		Feb 1992	\$30,000	1992-1993	Completed. Country programme approved at 10th ExCom meeting.
Several	Institutional Strengthening		Jun 1993	\$172,000	1994-1997	Project document being finalized. Activities to start in 2nd half 1994.
GUINEA						
	Country programme preparation		Nov 1993	\$40,000	1994	Phase I planned in August 1994. Delayed due to identification of consultant.
JAMAICA						
	Country Programme preparation		Mar 1994	\$40,000	1994	Consultant being identified. Response from Government awaited.

Country Sector	Project Title	ODS to be phase-out	Date of approval	Approved Funding	Time frame	Status of implementation
KENYA						
Refrigeration	Support to a national workshop on refrigeration		Jun 1993	\$115,000	4th quarter 1993	Funds transferred in June 1993 to UNEP. First two training courses completed in December 1993. Establishment of NRDC is expected by 3rd quarter 1994.
LEBANON						
	Country Programme Preparation		Mar 1994	\$50,000	1994-1995	Phase I is expected to start in 4th quarter 1994. Consultant being identified.
MALAWI						
Several	Country Programme preparation		Feb 1992	\$30,000	1992-1993	Completed. Country Programme approved by 12th ExCom meeting.
	Institutional Strengthening		Mar 1994	\$77,000	1994-1997	Project document being finalized. Activities to start in 2nd half 1994.
MALTA						
	Country Programme preparation		Mar 1994	\$50,000	1994-	Phase I is expected in 4th quarter 1994. Consultant being identified.
MALDIVES						
Several	Country Programme preparation		Jun 1991	\$25,000	1991-1992	Completed, Country programme approved in 10th ExCom Meeting
	Institutional Strengthening		Mar 94	\$41,250	1994-1997	Project document being finalized. Activities to start in 2nd half 1994.

Country Sector	Project Title	ODS to be phase-out	Date of approval	Approved Funding	Time frame	Status of implementation
MAURITIUS						
Several	Country Programme preparation		Mar 1993	\$10,000	Mar 1993-June 1993	Country Programme started when country was Non-Party.
	Institutional Strengthening		Jun 1993	\$50,000	1994-1997	Completed, Country Programme approved in 10th ExCom Meeting
MYANMAR	Country Programme preparation		Mar 1994	\$50,000	1994-1995	Project document being finalized. Activities to start in 2nd half 1994.
PAKISTAN	Country Programme preparation		Mar 1993	\$60,000	1993-1995	Phase I is expected to start in August 1994. Phase I visit completed Phase II will start in November 1994.
PANAMA						
Several	Country programme preparation		Feb 1992	\$30,000	1992-Jun 1993	Completed, Country programme approved in 10th ExCom meeting.
	Institutional Strengthening		Jun 1993	\$172,500	1994-1997	Project document being finalized. Activities to start in 2nd half 1994.
PERU	Country Programme preparation		Nov 1993	\$50,000	1994-1995	Phase I is expected to start in August 1994
PHILIPPINES	Information dissemination project		Nov 1993	\$200,000	1994-1995	Project document (Agreement with Government) signed, transfer of funds from UNEP to Government underway.

Country Sector	Project Title	ODS to be phase-out	Date of approval	Approved Funding	Time frame	Status of implementation
SENEGAL						
Several	Country programme preparation		Nov 1993	\$10,000	1994	Country Programme started when country was non-party. Completed. Country Programme approved by 11th ExCom.
	Institutional strengthening		Nov 1993	\$175,000	1994-1997	Project document being finalized. Activities to start in 2nd half 1994.
	Expansion and upgrading of statistics network on customs technical assistance		Nov 1993	\$26,000	1994	Planned for 3rd quarter 1994.
Refrigeration	Training and upgrading of repair technician training		Nov 1993	\$58,000	1994	Planned for first quarter 1995
SEYCHELLES						
Several	Country Programme preparation		Oct 1993	\$30,000	1993-1994	Being submitted to the 13th ExCom meeting
ST KITTS AND NEVIS	Country Programme preparation		Mar 1994	\$35,000	1994-1995	Phase I is expected to start in 3rd quarter 1994.
SUDAN						
Several	Country Programme preparation		Nov 1993	\$10,000	Nov'93 - Mar'94	Country programme started when country was Non-Party. Completed Country Programme approved at 12th Excom meeting.
	Institutional Strengthening		Mar 1994	\$168,300	1994-1997	Project document being finalized. Activities to start in 2nd half 1994.

Country Sector	Project Title	ODS to be phase-out approval	Approved Funding	Time frame	Status of implementation
SWAZILAND					
	Country programme preparation	Mar 1994	\$40,000	1994	Phase I will start August 1994
SYRIA					
Several	Country programme preparation	Jun 1991	\$25,000	1991-1992	Country Programme completed. Approved at the 11th ExCom meeting.
TANZANIA					
Several	Country Programme preparation	Nov 1993	\$10,000	1994-1995	Country Programme started when country was not a Party. Phase I visit completed. Phase II to start July 1994.
TOGO					
Several	Country Programme preparation	Feb 1992	\$30,000	1992-1995	Phase I visit completed. ODS-survey yet to start due to uncertain political situation.
UGANDA					
Several	Country Programme preparation	Jun 1991	\$25,000	1991-1994	Being submitted to the 13th ExCom meeting. Delayed due to slow response from Government.
WESTERN SAMOA					
	Country Programme preparation	Mar 1994	\$35,000	1994	Consultant being identified. Date of Phase I will be decided in consultation with Government.
ZAMBIA					
Several	Country Programme preparation Country Programme	Jun 1991	\$25,000	1991-1992	Completed. Country Programme approved at 8th ExCom Meeting

Country Sector	Project Title	ODS to be phase-out	Date of approval	Approved Funding	Time frame	Status of implementation
REGION:	ASP					
Several	Regional Workshop for the Asia-Pacific region Training		Jun 1991	\$217,000	Nov 1991	Completed. Workshop held in Jomtien, Thailand.
Refrigeration	Regional Training Course on Centrifugal chillers for East-Asia		Jun 1993	\$48,000	1994	Funds transferred from UNDP in June 1993. Delayed due to restructuring of the course. The situation and policy of the region were not specified in original approved project document. Scheduled for 2nd half 1994.
Refrigeration	Regional Training Course on Centrifugal chillers for South-Asia		Jun 1993	\$48,000	1994	Funds transferred from UNDP in June 1993. Delayed due to restructuring of the course. The situation and policy of the region were not specified in original approved project document. Scheduled for 2nd half 1994.
Refrigeration	Regional Workshop on Refrigeration and Air-Conditioning Training Programmes for SouthEast Asia/Pacific		Mar 1993	\$90,000	April 1994	Completed. Workshop held in Jakarta, 12-15 April in cooperation with Australia.
Halon	Regional Halon Workshop, organized by Malaysia for Southeast Asian Countries		Mar 1993	\$80,000	January 1994	Completed. Workshop held in Kuala Lumpur, Malaysia, 18-20 January 1994.
REGION:	LAC					
Several	Regional workshop for Latin America and the Caribbean Training		Jun 1991	\$217,000	May 1992	Completed. Workshop held in Caracas, Venezuela (May 1992).

Country Sector	Project Title	ODS to be phase-out	Date of approval	Approved Funding	Time frame	Status of implementation
	Support to regional network for ODS Officers Technical assistance (ODSONET-LAC)		Mar 1993 Mar 1994	\$30,000 \$224,000	2 years	1st Workshop for South American countries held in May 1994. 1st Workshop for Central American countries scheduled for September/October 1994.
REGION:	MID-EAST					
Aerosol	Aerosol Conversion Training Course		Mar 1993	\$90,000	1st quarter 1994	Completed. Training Course held in March 1994.
Refrigeration	Regional training Course on Centrifugal Chillers for Mid-East		Jun 1993	\$48,000	1994	Funds transferred from UNDP in June 1993. Cooperation of other regional organizations is being secured. Being planned for 2nd half 1994. Planning and restructuring of the course took time.
REGION:	ARABIC SPEAKING COUNTRIES					
Several	Regional workshop for Arabic speaking countries Training		Jun 1991	\$217,000	Dec 1991	Completed. Workshop held in Cairo, Egypt (Dec 91).
GLOBAL						
Aerosol	Conversion technology manual/handbook Technical assistance		Mar 1993	\$40,000	1 year	completed.
Halon	International halon bank clearing-house function Technical assistance		Mar 1993	\$100,000	1 year	Technical documents and information kit prepared and disseminated. Special supplement on Halon-OzonAction Newsletter published. Query response service on national halon bank being operated.

Country Sector	Project Title	ODS to be phase-out	Date of approval	Approved Funding	Time frame	Status of implementation
Refrigeration	Preparation of training material for refrigeration sector technical assistance		Mar 1993	\$160,000	1 year	Expected to be completed by August 1994. Delayed due to long review process.
	Manual/Guidelines on Good Practices					Expected to be completed by August 1994. Delayed due to slow review process and need to add additional data on Recovery and Recycling machinery.
	Technical Directory of R+R equipment					Ready as scheduled. Chapter on 'Business Plan for Centrifugal Chillers' being added.
Several	Training Manual on Centrifugal Chillers					Planned in 1st quarter of 1995.
	Workshop for SMEs on management of phase-out (CSTMA) Training		Mar 1994	\$ 95,000	1994-1995	
	Practical guide to Policy guidelines for Industry on Management of phase-out in SMEs					Expected in August 1994. Delay due to slow review process.
Several	Elements for establishing Policies, strategies and Institutional Framework for Ozone Layer Protection (for National Ozone Units/Focal Point)					Expected in August 1994. Delay due to slow review process.
Several	Ozonaction Newsletter		Mar 1993	\$130,000	1 year	10th issue published in 5 languages (English, French, Spanish, Arabic and Chinese).

Country Sector	Project Title	ODS to be phase-out	Date of approval	Approved Funding	Time frame	Status of implementation
Several	Support to networking activities Technical assistance		Mar 1993	\$30,000	1 year	See LAC region.
Several	Support to other national training activities Training		Mar 1993	\$50,000	N/A	Participants from developing countries supported for training/workshops.
Several	Development of a training strategy training		Mar 1993	\$100,000	2 years	Desk-Survey of experience to- date of UNDP, World Bank and UNEP has been initiated. Field survey with the help of sectoral consultants will start in August 1994. On schedule.

UNEP

Sector	Project Title	Date of Approval	Approved Funding	Time Frame	Status of Implementation
Several	Information Exchange Clearinghouse system	Mar 1993 Mar 1994	\$705,000 \$1,105,000	2 Years	See details below
	Catalogue of ODS-Free Technology for Aerosol, Sterilants, Miscellaneous Uses & CFC Sector				Final document completed and being disseminated.
	Catalogue of ODS-Free Technology for Flexible & Rigid Foam Sector				Worldwide collection of data and first draft completed May 1994. Quality review being carried out; second draft completed early June 1994. Final version expected Sept 1994.
	Catalogue of ODS-Free Technology for Refrigeration, Air-Conditioning & Heat Pumps Sector				First draft catalogue developed, being quality reviewed by TOC member. Expected to be ready by August 1994.
	Catalogue of ODS-Free Technology for Solvents, Coatings, & Adhesives Sector				Final document produced and being disseminated. Completed as scheduled.
	Information. Collection Activities (government, industry, industry associations, research institutes, NGOs)				Information being collected by direct contacts and being disseminated.
	OAIC Library Activities				More than 700 references abstracted to date, about 50 new technical and policy documents acquired (which contain over 240 individual technical papers), 7 sector-specific information documents for dissemination, updated keyword list.
	Document Repository, acquisition				
	On-line OAIC System Maintenance				System maintained (regular updates, of contact database, news bulletins, country activities, monitoring, of message centres & maintenance).

Sector	Project Title	Date of Approval	Approved Funding	Time Frame	Status of implementation
	OAIC Diskette				First version (OAIC-DV 1.0) was disseminated to all national ozone units focal points in Article 5 countries and other organizations in developed and developing countries in May 1994.
	Query Response Service				On-going. More than 190 technical and programmatic queries responded.
	Publication dissemination				Over 26 000 technical brochures disseminated and 1 000 halon information kits at conferences and upon requests reprint of the halon information kit currently at press.
	Outreach activities				Publication disseminated, data collected during conferences/workshops through exhibition booths. (conferences in Stockholm, Hannover and Paris)
	Preparation of information Papers/Fact Sheets	Mar 1994		1 year	Information papers on retrofitting, legislations, non-clean technology being updated; New papers on Cyclopentane, domestic refrigerators under preparation.
	Translate Technical Brochures (Arabic and Chinese)	Mar 1994		1 year	Expected to start in Aug 1994
	Halon bank Management. Case studies	Mar 1994		1 year	Expected to start in 3rd Quarter 1994
	Translate Halon Bank Management - Information kit	Mar 1994		1 year	Expected to start in 3rd Quarter 1994

Note: Phase I includes first visit to the country by the consultant, consultation with national team and conducting of the ODS survey.

Phase II includes analysis of ODS data, formulation of national strategy and action plan, identification and prioritization of specific projects and drafting of country programme report in consultation with national team.

Progress Report
(in Table form)

Country/ Sector	Project Title	ODS to be phased out (tonnes)	Approved Funding US \$	Date of EC Approval	Funds Dis- bursed US \$	Time Frame	Present Status Report
Algeria Solvents	Preparation of the investment project proposal for the phase-out of CFC-12 and CFC-14 in the manufacture of aerosols and of the solvents CFC-113 in the manufacture of razor blades (ENAD)	n.a.	25,000	March 1994		13th Session of the ExCom	Mission to formulate project delayed for safety reasons
Algeria Refrigeration	Preparation of the investment project proposal for the phase-out of CFC-11 and CFC-12 in the manufacture of domestic refrigerators and freezers in three plants belonging to the same Organization (ENIEM)	n.a.	25,000	March 1994		13th Session of the ExCom	Draft project document prepared. Mission to finalize formulation delayed for safety reasons. UN does not allow missions to Algeria at this time
Argentina Solvents	Preparation of investment projects on CFC phase-out at BANDEX, S.A., and CELPAK, S.A. and rigid polyurethane foams at PRENSIPLAST		35,000	November 1993	19,982	13th session of the ExCom	Two project documents formulated and to be submitted to the 13th session
Brazil Refrigeration	Preparatory assistance for elimination of CFCs in the sector of polymer foams manufacturing in Brazil	n.a.	150,000	March 1993	60,571	6 months	Draft project document prepared by UNIDO and passed on to the World Bank
Brazil Refrigeration	Preparation of an investment project proposal for phase-out of CFCs at PAEM		20,000	November 1993	8,300	13th Session of the ExCom	Project document formulated and to be submitted
China Solvents	Preparation of investment projects in foams and solvents sector	n.a.	\$36,000 out of \$150,000 for project formulation	March 1993		6 months	Halon project formulated and being submitted. Project for compressor manufacturer delayed pending developments regarding choice of refrigerant
China Tobacco expansion	Phasing-out of ODS used in tobacco expansion	n.a.	\$72,000 out of \$150,000 for project formulation	March 1993	53,218	6 months	Amendment to country programme being submitted to the Multilateral Fund by NEPA
China Solvents	Nanjing Fire Fighting Equipment Co.	n.a.	\$36,000 out of \$150,000 for project formulation	n.a.	12,318	13th session of ExCom	Project formulated and being submitted

Country/ Sector	Project Title	ODS to be phased out (tonnes)	Approved Funding US \$	Date of EC Approval	Funds Dis- bursed US \$	Time Frame	Present Status Report
Egypt Refrigeration and Air- conditioning	Elements of a strategy on the refrigeration and air-conditioning industry in Egypt: the Government of Egypt	n.a.	\$50,000 out of \$100,000 allocated for Egypt	March 1993	35,071	2 months	Finalized and submitted to 12th session of ExCom
	Preparation of investment proposals on phasing-out of CFCs at Kiriazi Household Refrigerators Manufacturing Co., Delta Industry Co. and Electrostair Household Refrigerator Manufacturers, Cairo, Egypt	n.a.	\$50,000 out of \$100,000 allocated for Egypt	March 1993	48,776	13th session of ExCom	3 projects re-formulated and being re-submitted to 13th session of ExCom
ms	Phasing-out the use of CFC-12 in the manufacture of extruded polystyrene foam at Adechems	196 mt (CFC-12 annually)	904,000	June 1993	590,548	12 months	Conversion of factory scheduled for July 1994
stitutional engthening	Institutional Strengthening Unit for the Montreal Protocol related activities	n.a.	263,450	June 1993	82,793	3 years	Equipment provided. Expert on data base design recruited
bal	Development of a strategy for the phase-out of ODS in low ODS-consuming countries	n.a.	100,000	November 1993		1 year	Basis for missions being prepared by U.S. EPA. Missions to selected countries to start in August 1994
ious	Assistance to UNEP in preparing country programmes	n.a.	75,000	March 1994		1 year	Request received from UNEP to recruit experts
ia rigration	Feasibility study for the recovery and recycling of CFC refrigerants	n.a.	55,000	June 1993	12,000	4 months	First draft of study prepared by an Indian consulting company. Final draft to be completed in July 1994

Country/ Sector	Project Title	ODS to be phased out (tonnes)	Approved Funding US \$	Date of EC Approval	Funds Dis- bursed US \$	Time Frame	Present Status Report
Pakistan Refrigeration	Strategy for the Phase-out of ODSs in the Refrigeration Industry	n.a.	50,000	March 1994		3 months	No material progress
Yemen General	Preparation of Country Programme	n.a.	80,000	November 1993			Project to be implemented in cooperation with the Danish Government. First mission to be fielded in July 1994
Syria Refrigeration	Preparation of Investment Projects on: Phasing-out of CFCs at Al-Hafez Refrigerator Factory and at Barada Company for Metal Industry (A manufacturer of household refrigerators)	n.a.	Financed from 35,000 allocated for Syria	March 1993	15,212	13th Session of the ExCom	One project formulated and being submitted
Uganda Strengthening	Support to strengthen the General Commission for Environmental Affairs to implement Montreal Protocol related activities	n.a.	235,180	June 1993	33,968		Equipment and staff incentive provided. Data base consultant to be fielded in the near future
Uganda Refrigeration	CFC recovery in MAC						No development

Country Sector	Project title/ Project type	ODS to be phased-out	Date of Approval	Approved funding	Funds Disbursed	Time Frame	Status of Implementation
ALGERIA							
Several	Project Identification and Preparation <i>Project Preparation</i>	-	Mar 1994	100,000	6,586	1994	Initiation of project identification and preparation delayed due to travel restrictions.
ARGENTINA							
Several	Country Programme Preparation <i>Country Programme</i>	-	Mar 1994	30,000	20,000	1994	Draft CP presented to GOA in January 1994 and has been completed. Presentation to EC Anticipated shortly. Activity essentially completed.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Mar 1994	192,929	16,314	1994	Ongoing. Project Preparation to continue in 1994. Workshop planned for June 1994.
BRAZIL							
Refrigeration	Assembly Line Refitting for HFC-134a Refrigerator Compressor, Commercial Production <i>Investment</i>	N/A	Jun 1992	530,000	0	3 years (1992-1995)	An Umbrella Grant Agreement was signed with FINEP in December 17, 1993. Project preparation is proceeding on all fronts.
	CFC-12 Collection, Recycling and Conservation Programme for Household Refrigerator Maintenance and Repair Shops <i>Demonstration (Phase I) Investment (Phase II)</i>	N/A	Jun 1992	2,000,000	0	3 years (1992-1995)	Pilot programme being designed. To be processed through the umbrella agreement.
	Project Preparation on Converting CFC-11 Central Air Conditioning Units with HCFC-123 or HFC-134a <i>Project Preparation</i>	-	Jun 1992	400,000	400,000	1993	Funds advanced to FINEP to support project preparation.
Several	Country Programme Preparation <i>Country Programme</i>	-	Mar 1994	49,400	0	1994	Data collection underway. CP finalization will be funded through umbrella grant agreement. Support on-going although GOB has taken lead and full responsibility.
	Preparation of Investment Projects <i>Project Preparation and Supervision</i>	-	Mar 1994	164,380	28,017	1994	Project preparation on-going. Several projects in final stages of preparation, including large refrigeration sector project with metalife.
CHILE							
Several	Implementation of the Country Programme <i>Investment, training</i>	729	Jun 1992	1,206,000	100,000	1993-1996	Grant Agreement signed in September 1993. Project implementation has been initiated and so have disbursements.

as of June 10, 1994
(disbursements as of 03/31/94 for IP Budget
and as of 05/31/94 for investment projects)

Country Sector	Project title/ Project type	ODS to be phased-out	Date of Approval	Approved funding	Funds Disbursed	Time Frame	Status of Implementation
CHILE							
Several	Supervision of Investment Projects <i>Supervision</i>	-	Mar 1994	30,208	11,520	N/A	First supervision mission has been completed. Project implementation is on-going.
CHINA							
Aerosol	Project I: Tianjin CFC Conversion to LPG Propellant <i>Investment</i>	6300	Jun 1992	2,770,000	0	2 years (1994- 1995)	Contract bids under evaluation.
	Project I: Shanghai CFC Conversion to LPG Propellant <i>Investment</i>	6300	Jun 1992	2,309,000	0	2 years (1994- 1995)	Contract bids under evaluation.
Foam	Project I: Zhejiang Foam Plant Conversion to Butane <i>Investment, Training</i>	500	Jun 1992	993,000	0	2 years (1994- 1995)	Plant layout reorganized for flammable substance application. (Includes US\$20,000 for technical supervision/assistance)
	Project II: 50% CFC Foam <i>Investment, training</i>	1760	Jun 1992 and June 1993	1,878,000 3,495,000	0 0	2 years (1994- 1995)	Grant agreement (China ODS II) to be signed June 15, 1994
Halon	Project I: Zhejiang Halon Extinguisher Conversion <i>Investment</i>	500	Jun 1992	730,000	0	1.5 years (1994-1995)	Technology investigation tour complete.
	Project I: Beijing ABC Powder Production Project <i>Investment</i>	400	Jun 1992	930,000	0	1 year (1994- 1995)	Technology package signed in May 1994.
Refrigeration	Pre-investment Activities for Nanjing Compressor and Four Refrigeration Projects (PPA II) <i>Project Preparation</i>	N/A	Oct 1992	300,000	100,000	1992	Technology investigation tour underway June 1994. 5 project proposals to be completed in July 1994 for inclusion in ODS III.
Several	Project Preparation Advance for Implementing Components of Project I and Project II (PPA I) <i>Project Preparation</i>	-	Jun 1992	(\$1.5 m)	350,000	N/A	In progress (\$0.35M out of \$1.5M disbursed to the Govt.). \$0.9M has been assigned to ODS I while \$0.6M has been assigned to ODS II.
	Financial Agent Fee for the Implementation of Approved Projects (2 Aerosols, 11 Foams, 2 Halons) included in Project I and Project II <i>Technical Assistance</i>	-	Mar 1993	185,000	0	2 years	Financial agent fee and training and government implementation support for ODS I and II.

Country Sector	Project title/ Project type	ODS to be phased-out	Date of Approval	Approved funding	Funds Disbursed	Time Frame	Status of Implementation
CHINA							
Several	Project Preparation Advance III for Projects Under China ODS III (PPA III) <i>Project Preparation</i>	-	Feb 1993	320,000	0	1994	Activities underway. March 1994 loan workshop resulted in 6 project proposals. A second workshop planned for July 1994.
	Preparation of Investment Projects <i>Project Preparation--User Sectors</i>	-	Jun 1993	280,000	140,000	1993-1994	Activities initiated and a project preparation advance has been processed for US\$320,000 (PPA III) including \$140,000 for use in sector preparation activities. Disbursement of the PPA portion will be tracked through PPA III.
	Preparation of Investment Projects <i>Project Preparation--Production Sector</i>	-	Jun 1993	240,000	180,000	1993-1994	Activities undertaken in July 1993. A project was being presented to 12th EC Meeting. Part of funds (US\$180,000) being transferred to China in the form of a Project Preparation Advance (PPA III). Disbursement of the PPA portion will be tracked through PPA III.
	Supervision of China ODS I <i>Supervision</i>	-	Mar 1993	79,000	6,741	1994	Supervision underway.
	Project Preparation for China ODS II and Supervision <i>Preparation and Supervision</i>	-	Mar 1993	110,000	86,346	1994	Grant agreement (ODS II) to be signed June 15, 1994.
	Project Preparation for China ODS III <i>Project Preparation</i>	-	Feb 1993	660,000	83,105	1994	Initial project design cleared by Bank. Preappraisal mission June 1994 will help select financial agent for ODS III. Activities underway.
ECUADOR							
Aerosol	Conversion of Aerosol Plants to Hydrocarbon Propellants <i>Investment</i>	290	Mar 1993	697,000	0	2 years (1993- 1994)	Project appraisal completed in June 1993. Grant Agreement signed in September 1993. Project implementation has been initiated.
Foam	Reduction of CFC-11 use in Foam Insulation at Three Refrigerator Manufacturing Plants <i>Investment</i>	51	Mar-1993	665,000	0	1993-1994	Project appraisal completed in June 1993. Grant Agreement signed in September 1993. Project implementation has been initiated.
Several	Institutional Strengthening <i>Institutional Strengthening</i>	-	Mar 1993	204,000	150,000	3 years (1993- 1995)	Project implementation has been initiated.
	Supervision of Investment Projects <i>Supervision</i>	-	Mar 1994	30,000	8,683	1994	First supervision mission was completed. Project implementation has been initiated.

Country Sector	Project title/ Project type	ODS to be phased-out	Date of Approval	Approved funding	Funds Disbursed	Time Frame	Status of Implementation
EGYPT							
Refrigeration	Conversion of Refrigeration Compressor Manufacturing to HFC-134a at MCMC <i>Investment, Training</i>	324	Oct 1992	2,800,000	0	1994-1995	Appraisal mission was completed in June 1993. Draft legal documents have been prepared. Negotiations are on hold pending resolution of the technology transfer partner.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Mar 1994	50,000	0	1994	Bank to assess scope of assistance during June 1994 mission.
GUATEMALA							
Several	Preparation of Investment Projects <i>Project Preparation</i>	-	Mar 1994	55,000	0	N/A	Activity to be initiated shortly.
INDIA							
Aerosol	Aeropharma CFC 12 Phaseout <i>Investment</i>	-	Nov 1993	87,520	0	1994-1995	To be processed through India ODS II
Foam	Expanded Incorporation Blowing Agent Replacement <i>Investment</i>	-				1994-1995	Not yet funded.
	Manali Petrochemical Polyol Systems Conversion <i>Investment</i>	-	Nov 1993 & Mar 1994	219,000 481,000	0 0	1994-1995	Projects to be processed through India ODS II. Scheduled for August 1994.
	UJB Petroproducts Polyol Systems Conversion <i>Investment</i>	-	Nov 1993 & Mar 1994	200,000 385,000	0 0	1994-1995	Projects to be processed through India ODS II. Scheduled for August 1994.
Refrigeration	Chiller Retrofits to HCFC 123 <i>Investment (Part of India ODS I)</i>	-	Jul 1993	567,000	0	1994-1995	Grant agreement signature expected in June 1994.
	Refrigeration Compressor Product Conversion <i>Investment (Part of India ODS I)</i>	-	Nov 1993	685,000	0	1994-1995	Grant agreement signature expected in June 1994.
	Subros CFC Phaseout <i>Investment (Part of India ODS II)</i>	-	Nov 1993	1,710,000	0	1994-1995	Project to be processed through India ODS II. Scheduled for August 1994.
	Refrigeration Compressors to HFC-134a <i>Investment</i>	-	Mar 1994	547,900	0	1994-1995	Project to be processed through India ODS II. Scheduled for August 1994.
Several	Preparation of Investment Projects (India ODS I) <i>Project Preparation</i>	-	Mar 1994	70,837	52,554	1994	Project processing is proceeding. Negotiations package has been sent to GOI.

as of June 10, 1994
(disbursements as of 03/31/94 for WP Budget
and as of 05/31/94 for investment projects)

Country Sector	Project title/ Project type	ODS to be phased-out	Date of Approval	Approved funding	Funds Disbursed	Time Frame	Status of Implementation
INDIA							
	Preparation of Investment Projects <i>Project Preparation</i>	-	Mar 1994	775,000	25,070	1994	Project preparation has been initiated. A project preparation advance of US\$345,000 to IDBI has been cleared by the Bank.
INDONESIA							
Aerosol	Indonesian Ministry of Industry and Ministry of Environment (Project I) <i>Investment</i>	-	Nov 1993	240,000	0	1994-1995	Umbrella grant agreement (ODS I) is being negotiated. Signing expected in July 1994.
Foam	P. T. Tulus Bakti Sempurna CFC Elimination in Foam Manufacturing (Project I) <i>Investment</i>	-	Nov 1993	420,000	0	1994-1995	Umbrella grant agreement (ODS I) is being negotiated. Signing expected in July 1994.
	P. T. Intitri Muliatama CFC Elimination in Foam Manufacturing (Project I) <i>Investment</i>	-	Nov 1993	390,000	0	1994-1995	Umbrella grant agreement (ODS I) is being negotiated. Signing expected in July 1994.
	P. T. Foamindo CFC-11 Elimination in Foam Manufacturing (Project I) <i>Investment</i>	-	Nov 1993	175,000	0	1994-1995	Umbrella grant agreement (ODS I) is being negotiated. Signing expected in July 1994. Technology transfer agreement for proprietary Dow CO2 technology under negotiation.
	P. T. Dasu Windu Agung CFC-11 Elimination in Foam Manufacturing (Project I) <i>Investment</i>	-	Nov 1993	1,733,000	0	1994-1995	Umbrella grant agreement (ODS I) is being negotiated. Signing expected in July 1994. Project modified within approved funding levels to include vacuum cooling equipment needed to prevent scorching of low density foams.
	Association of Polyurethane Foams Indonesia Technical Assistance Program (Project I) <i>Investment</i>	-	Nov 1993	1,600,000	0	1994-1995	Umbrella grant agreement (ODS I) is being negotiated. Signing expected in July 1994. Project modified within approved funding levels to include vacuum cooling equipment needed to prevent scorching of low density foams.
Several	Preparation of Investment Projects <i>Project Preparation</i>	-	Mar 1994	128,899	54,460	N/A	Funds utilized to prepare second tranches of projects presented to the 13th Meeting of the EC and finalize project implementation arrangements.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Mar 1994	250,000	100,000	1994	US\$50,000 included in umbrella agreement (ODS I) for training financial agent.

Country Sector	Project title/ Project type	ODS to be phased-out	Date of Approval	Approved funding	Funds Disbursed	Time Frame	Status of Implementation
JORDAN							
Aerosol	Deodorization of Liquefied Petroleum Gas (LPG) <i>Investment</i>	200	Jun 1992	700,000	100,000	3 years (1992-1994)	Committed on September 16, 1993. Project cost has been revised to US\$870,000 and amendment requested.
	Conversion of Aerosol Fillers <i>Investment</i>	50	Jun 1992	250,000	0	2 years (1994-1995)	Committed on September 16, 1993.
Foam	Reduction of CFC-11 in Rigid Insulation Foams in Domestic and Commercial Refrigerators <i>Investment</i>	25	Jun 1992	150,000	0	2 years (1993-1994)	Committed on September 16, 1993. Project preparation in refrigeration sector being undertaken by UNIDO.
	Reduction of CFC-11 in Flexible Foam <i>Investment</i>	40	Jun 1992	200,000	0	2 years (1993-1994)	Committed on September 13, 1993. Flexible foam projects were emphasized (more cost effective) in subprojects funded in grant agreement.
Several	Policy and Monitoring Measures <i>Institutional Strengthening</i>	-	Jun 1992	100,000	100,000	N/A	Ozone Unit being set-up with Bank assistance.
	Preparation of Investment Projects <i>Project Preparation and Supervision</i>	-	Mar 1994	72,900	36,209	1994	Supervision has been initiated. Focus is on establishment of Ozone Unit and subgrant agreements.
MALAYSIA							
Halon	Servicing, Maintenance and Recovery of Portable Extinguishers (Halon-1211) and Training Programme <i>Investment</i>	300	Feb 1992	720,000	100,000	1994-1995	Fire Service Dept will be trained by USEPA (bilateral initiative) as first step in project implementation. Training not yet agreed.
Refrigeration	Conservation, Leakage Control and Recycling of CFC-12 and Demonstration Project in MAC Sector <i>Investment</i>	370	Feb 1992	910,000	100,000	1994-1995	Local firm contracted for project implementation.
Several	Preparation of Investment Project and CP Review <i>Project Preparation (Malaysia ODS II)</i>	-	Mar 1994	66,610	20,035	1994	Contracting of local and international firm complete. Project preparation workshop planned for August 1994.
	Supervision of Investment Project <i>Supervision</i>	-	Mar 1994	35,815	23,221	1994	CP update will be complete in July 1994.
	Country Program Preparation <i>Country Programme</i>	-	Mar 1994	25,000	0	1994	Local firm has been contracted to update CP.

Country Sector	Project title/ Project type	ODS to be phased-out	Date of Approval	Approved funding	Funds Disbursed	Time Frame	Status of Implementation
MEXICO							
Several	Implementation of Projects Identified in the Country Programme <i>Investment, Training</i>	-	Nov 1991	4,000,000	400,000	1992-1996	Grant agreement signed (Dec. 1992). Eleven sub- projects in pipeline. Four subprojects totaling over US\$1.0 million have been approved. Additional subprojects have been approved.
	Safety Programme in Aerosol Plant and Recycling Training and Demonstration Project in MAC <i>Training, Demonstration</i>	-	Jun 1991	180,000	0	1994	Grant agreement signed (Apr. 1992). Key subsidiary agreements signed. Implementation in progress.
	Supervision of Investment Project <i>Supervision</i>	-	Mar 1994	52,280	58,014	1994	Funds being utilized for support of pipeline development and supervision. Activities ongoing.
NIGERIA							
	Project Identification and Preparation <i>Project Preparation</i>	-	Mar 1994	100,000	520	1994	Subject to CP preparation. Participation of UNIDO in project preparation confirmed.
Several	Country Programme Preparation <i>Country Programme</i>	-	Mar 1994	150,000	0	1994	Request for consultant proposal initiated. Discussions with GON on initiation of activities are ongoing.
PAKISTAN							
Several	Project Identification and Preparation <i>Project Preparation</i>	-	Mar 1994	133,191	22,037	1994	Underway. Project identification mission held in May 1994.
PHILIPPINES							
Foam	Application of a Reduced CFC Blowing Agent and Non-CFC Application Preparation at Philippines Appliance Corporation (Philacon) (Project I) <i>Investment</i>	120	Mar 1993	1,770,000	0	4 years (1993- 1996)	Grant agreement (ODS I) to be signed by June 30, 1994. Commercial production with 50% reduced CFC-I1 not yet successful. Philacon to move to HCFC-141b in 1997.
	Application of a Reduced CFC Blowing Agent and Non-CFC Application Preparation at Concepcion Industries (Project I) <i>Investment</i>	35	Mar 1993	790,000	0	4 years (1993- 1996)	Grant agreement (ODS I) to be signed by June 30, 1994. Reduction of 35 MT/year complete through adoption of 5% CFC foam. Thermal efficiency down 8%.

as of June 10, 1994
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and as of 05/31/94 for investment projects)

Country Sector	Project title/ Project type	ODS to be phased-out	Date of Approval	Approved funding	Funds Disbursed	Time Frame	Status of Implementation
PHILIPPINES							
Foam	Application of a Reduced CFC Blowing Agent and Non-CFC Application Preparation at Sanyo Philippines <i>Investment</i>	9	Mar 1993	660,000	0	4 years (1993- 1996)	Grant agreement (ODS I) to be signed by June 30, 1994. Reduction of 5 MT/year complete through adoption of 50% CFC foam.
	Application of a Reduced CFC Blowing Agent and Non-CFC Application Preparation at Federal Electric Company <i>Investment</i>	5	Mar 1993	770,000	0	4 years (1993- 1996)	Grant agreement (ODS I) to be signed by June 30, 1994. Reduction of 5 MT/year complete through adoption of 50% CFC foam. Thermal efficiency down 2%.
Other	Conversion of Tobacco Fluffing Process to Carbondioxide at Fortune Tobacco Corporation <i>Investment</i>	350	Mar 1993	4,720,000	0	3 years (1993- 1995)	Grant agreement (ODS I) to be signed by June 30, 1994. Two bids obtained to phase out 350 MT of CFC-11.
Solvent	Conversion to Semi-aqueous and Aqueous Cleaning Solvents at Ionics Circuits, Inc. <i>Investment</i>	171	Mar 1993	790,000	0	6 months (1993-1994)	Grant agreement (ODS I) to be signed by June 30, 1994.
	Conversion to Low-emission Processing and Organic Solvents at Pacific Semiconductors, Inc. <i>Investment</i>	25	Mar 1993	710,000	0	6 months (1993-1994)	Grant agreement (ODS I) to be signed by June 30, 1994.
	Conversion to Low-emission Processing and Organic Solvents at Electronic Assemblies, Inc. <i>Investment</i>	5	Mar 1993	710,000	0	6 months (1993-1994)	Grant agreement (ODS I) to be signed by June 30, 1994.
	Conversion to High-purity Water Cleaning at Integrated Microelectronics, Inc. <i>Investment</i>	19	Mar 1993	430,000	0	6 months	Grant agreement (ODS I) to be signed by June 30, 1994.
	Conversion to Semi-aqueous Cleaning Solvents at Solid Circuits, Inc. <i>Investment</i>	4	Mar 1993	70,000	0	6 months	Grant agreement (ODS I) to be signed by June 30, 1994.
Several	Technical Assistance for the Financial Institution <i>Technical Assistance</i>	-	Mar 1993	100,000	0	1 year	Grant agreement (ODS I) to be signed by June 30, 1994.
	Institutional Strengthening for Ozone Desk Operations <i>Institutional Strengthening</i>	-	Mar 1993	209,000	0	6 months	Grant agreement (ODS I) to be signed by June 30, 1994.

Country Sector	Project title/ Project type	ODS to be phased-out	Date of Approval	Approved funding	Funds Disbursed	Time Frame	Status of Implementation
PHILIPPINES							
Several	Preparation of Investment Projects <i>Project Preparation and Supervision</i>	-	Mar 1994	136,027	21,571	1994	Invitation for bids from consulting firms sent out. Selection planned by August 1994.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Mar 1994	94,900	0	1994	Arrangements for further project preparation on-going.
SLOVENIA							
Several	Preparation of Investment Projects <i>Project Preparation</i>	-	Nov 1993	150,000	17,192	1994	Activities initiated in January 1994. Workshop held on project preparation and processing procedures. Country Program completed. Several projects under preparation.
THAILAND							
Foam	Tecnic Foam (Project I) <i>Investment</i>	-	Jun 1993	180,000	0	1994-1995	Negotiations to be completed by June 30, 1994. Grant agreement (ODS I) to be signed in July 1994.
Refrigeration	CFC Recycling in MAC (Project I) <i>Investment</i>	250	Jun 1992	900,000	0	2 years (1992- 1994)	Negotiations to be completed by June 30, 1994. Grant agreement (ODS I) to be signed in July 1994.
	Thai Toshiba Phase I (Project I) <i>Investment</i>	-	Jun 1993	830,000	0	1994-1995	Negotiations to be completed by June 30, 1994. Grant agreement (ODS I) to be signed in July 1994.
	Sayo Universal -- 2 Sites, Phase I (Project I) <i>Investment</i>	-	Jun 1993	1,890,000	0	1994-1995	Negotiations to be completed by June 30, 1994. Grant agreement (ODS I) to be signed in July 1994.
	Kang Yong -- Mitsubishi Phase I (Project I) <i>Investment</i>	-	Jun 1993	1,100,000	0	1994-1995	Negotiations to be completed by June 30, 1994. Grant agreement (ODS I) to be signed in July 1994.
	Hitachi -- Phase I (Project I) <i>Investment</i>	-	Jun 1993	550,000	0	1994-1995	Negotiations to be completed by June 30, 1994. Grant agreement (ODS I) to be signed in July 1994.
	Sanyo Universal <i>Investment</i>	-	Jun 1993	1,000,000	0	1994-1995	Negotiations to be completed by June 30, 1994. Grant agreement (ODS I) to be signed in July 1994.
	Kulthorn Kirby <i>Investment</i>	-	Jun 1993	680,000	0	1994-1995	Negotiations to be completed by June 30, 1994. Grant agreement (ODS I) to be signed in July 1994.
Several	Preparation of Investment Projects <i>Project Preparation (ODS III)</i>	-	Mar 1993	81,302	1,456	1994	Negotiations to be completed by June 30, 1994. Grant agreement (ODS I) to be signed in July 1994.
	Preparation of Investment Projects <i>Project Preparation (ODS II)</i>	-	Mar 1994	129,433	28,261	1994	Funds being utilized for project preparation and processing.

Country Sector	Project title/ Project type	ODS to be phased-out	Date of Approval	Approved funding	Funds Disbursed	Time Frame	Status of Implementation
THAILAND							
Solvent	Thai-Airways Non-ODS Metal Cleaning Investment	10	Jun 1992	100,000	0	2 years (1992- 1994)	Feasibility study completed. To be included in ODS I.
	Saha Union Investment	-	Jun 1993	2,570,000	0	1994-1995	Negotiations to be completed by June 30, 1994. Grant agreement (ODS I) to be signed in July 1994.
	Hana Semiconductor Investment	-	Jun 1993	1,000,000	0	1994-1995	Negotiations to be completed by June 30, 1994. Grant agreement (ODS I) to be signed in July 1994.
	GSS Array Investment	-	Jun 1993	320,000	0	1994-1995	Negotiations to be completed by June 30, 1994. Grant agreement (ODS I) to be signed in July 1994.
	CI Group Investment	-	Jun 1993	280,000	0	1994-1995	Negotiations to be completed by June 30, 1994. Grant agreement (ODS I) to be signed in July 1994.
	Thai Heat Exchanger Investment	-	Jun 1993	270,000	0	1994-1995	Negotiations to be completed by June 30, 1994. Grant agreement (ODS I) to be signed in July 1994.
TUNISIA							
Aerosol	Technical Seminars and Conversion to Non- CFC Technology in Aerosol Sector Investment, Training	230	Jun 1992	350,000	0	1994	Project processing is complete. Negotiations have been successful. Project implementation has been initiated. Initial disbursement anticipated shortly.
Foam	Technical Assistance and Demonstration of Non-CFC Technology in Rigid and Flexible Foam Production Investment, Training	700	Jun 1992	100,000	0	10 months (1993)	Project processing is complete. Negotiations have been successful. Project implementation has been initiated. Initial disbursement anticipated shortly.
	Introduction of Low-CFC and Non-CFC in Rigid Foams in Refrigeration Insulation Investment	175	Jun 1992	300,000	0	1993	Project processing is complete. Negotiations have been successful. Project implementation has been initiated. Initial disbursement anticipated shortly.
Refrigeration	Maintenance of Domestic, Commercial and Industrial Refrigeration Systems Investment	100	Jun 1992	400,000	0	3 years (1993- 1996)	Project processing is complete. Negotiations have been successful. Project implementation has been initiated. Initial disbursement anticipated shortly.

Country Sector	Project title/ Project type	ODS to be phased-out	Date of Approval	Approved funding	Funds Disbursed	Time Frame	Status of Implementation
TUNISIA							
Refrigeration	Technical Assistance for Development of HFC-134a-based Domestic Refrigerators <i>Investment</i>	60	Oct 1992	360,000	0	2.5 years (1993-1996)	Project processing is complete. Negotiations have been successful. Project implementation has been initiated. Initial disbursement anticipated
	Recovery and Reclamation of CFC-12 from Household Refrigerators <i>Investment</i>	-	Jun 1992	400,000	0	1.5 years (1993-1994)	Project processing is complete. Negotiations have been successful. Project implementation has been initiated. Initial disbursement anticipated shortly.
Several	Institutional Strengthening <i>Institutional Strengthening</i>	-	Oct 1992	280,000	0	3 years (1993- 1996)	Project processing is complete. Negotiations have been successful. Project implementation has been initiated. Initial disbursement anticipated shortly.
	Project Preparation and Supervision <i>Supervision</i>	-	Mar 1994	76,296	612	1994	Project processing is complete. Negotiations have been successful. Project implementation
	Preparation of Investment projects <i>Project Preparation</i>	-	Mar 1993	165,800	161,934	N/A	Project preparation completed.
TURKEY							
Refrigeration	Introduction of Non-ODS Technologies in the Production of Domestic Refrigerators at Arcelik A.S. <i>Investment</i>	750	Oct 1992	4,900,000	600,000	2 years (1994- 1995)	Grant agreement signed in January 1994.
	Recovery and Recycling of CFC-12 at a Refrigeration Production Plant <i>Investment</i>	4	Jun 1992	65,000	0	1994	Grant agreement signed in January 1994. Project implementation has been initiated.
	Recovery and Recycling of CFC-12 in Network of Service Shops <i>Demonstration</i>	-	Oct 1992	400,000	0	1994-1996	
Several	Demonstration Activities in Other Sectors <i>Demonstration</i>	-	Jun 1992	500,000	0	1 year	Grant agreement signed in January 1994. Project implementation has been initiated.
	Institutional Strengthening <i>Institutional Strengthening</i>	-	Oct 1992	300,000	0	3 years (1993- 1995)	Project appraisal completed (May 1993). Grant agreement signed in January 1994. Project implementation has been initiated.

Country Sector	Project title/ Project type	ODS to be phased-out	Date of Approval	Approved funding	Funds Disbursed	Time Frame	Status of Implementation
TURKEY							
Several	Supervision of Investment Projects <i>Project Supervision</i>	-	Mar 1994	30,000	4,394	1994	Initial supervision scheduled for June 1994. Focus will be on establishing project preparation capacity.
URUGUAY							
Several	Project Identification and Preparation <i>Project Preparation</i>	-	Mar 1994	100,000	650	1994	Underway. Initial reconnaissance has identified a number of small projects.
VENEZUELA							
Foam	Conversion of a CFC-12 Polystyrene Foam Production Facility to Use Hydrocarbons as Blowing Agent (Plasticos Molanca) <i>Investment</i>	259	Jun 1992	1,300,000	1,180,000	1993-1994	Implementation essentially completed. Plant start-up imminent.
Refrigeration	Replacement of CFC by HFC-134a as a Refrigerant in Central Air Conditioning Units <i>Investment</i>	14	Oct 1992	1,100,000	0	1994-1995	Final negotiations to be initiated shortly. Legal documents cleared by the Bank.
Mobile Air Conditioning	AAISA <i>Investment</i>	-	Mar 1994	620,000	0	1994-1995	Appraisal planned for 3Q94.
	FAACA <i>Investment</i>	-	Mar 1994	3,480,000	0	1994-1995	Project appraisal complete. Processing proceeding on schedule.
GLOBAL							
Aerosol	Global Aerosol Project <i>Project Preparation</i>	-	Jun 1993	350,000	0	1994-1995	Contract signed. Project kick-off week of June 13.
Refrigeration	Global Refrigeration Project <i>Project Preparation</i>	-	Oct 1992	60,000	30,000	1993-1994	Six sub-projects developed in India and Thailand. Interim report has been issued.
Solvent	Global Solvent Project <i>Project Preparation</i>	-	Oct 1992	260,000	111,501	1993-1994	Progress report received. Final tranche has been authorized. Workshops in India and Turkey under preparation.

NOTE: Allocation of investment project disbursements at a subproject level is only an estimate as disbursements are only reported at the project level.

IBRD Summary Progress Report--Part II: Activities Completed, Closed (for Budgetary Purposes or Other), or Transferred

World Bank Progress Report

as of June 10, 1994

Country Sector	Project title/ Project type	ODS to be phased-out	Date of Approval	Approved funding	Funds Disbursed	Time Frame	Status of Implementation
ARGENTINA							
Several	Country Programme Preparation <i>Country Programme</i>	-	Feb 1992	149,337	4,718	1993-1994	Funds not fully utilized in 1992. Activity refunded in 1993.
	Country Programme Preparation <i>Country Programme</i>	-	Mar 1993	85,000	85,000	1993-1994	Draft CP presented to GOA in January 1994. Activity essentially completed, although additional resources were requested to support CP finalization. This 1993 activity closed for budgetary purposes but refunded in 1994 to complete the CP.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Mar 1993	63,000	63,000	1993	Over 40 projects have been identified and project concepts developed. Project preparation to continue in 1994. This 1993 activity closed for budgetary purposes. Activity refunded for 1994.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Jun 1993	100,000	100,000	1993	Over 40 projects have been identified and project concepts developed. Project Preparation to continue in 1994. This 1993 activity closed for budgetary purposes. Activity refunded for 1994.
BRAZIL							
Several	Country Programme Preparation <i>Country Programme</i>	-	Feb 1992	123,788	102,459	Mid-1993	GOB has lead completion (May 1993). Not all funds utilized in 1992. Activity refunded in 1993.
	Country Programme Preparation <i>Country Programme</i>	-	Mar 1993	30,000	1,472	1993	Data collection underway. CP finalization will be funded through umbrella grant agreement. Activity closed for budgetary purposes. This 1993 activity refunded in 1994 to complete CP.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Mar 1993	112,000	91,612	N/A	Activity closed for budgetary purposes. Activity refunded in 1994 to complete CP.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Mar 1993	82,890	72,009	N/A	Project preparation completed in early 1993 and grant agreement signed. Project now under supervision. Supervision to begin in the near future. Resources for supervision are being request for 1994. Activity completed.
CHILE							
Several	Preparation of Investment Projects <i>Project Preparation</i>	-	Mar 1993	82,890	72,009	N/A	Project preparation completed in early 1993 and grant agreement signed. Project now under supervision. Supervision to begin in the near future. Resources for supervision are being request for 1994. Activity completed.

Summary Progress Report--Part II: Activities Completed, Closed (for Budgetary Purposes or Other), or Transferred

World Bank Progress Report

as of June 10, 1994

Country Sector	Project title/ Project type	ODS to be phased-out	Date of Approval	Approved funding	Funds Disbursed	Time Frame	Status of Implementation
CHILE							
Several	Country Programme Preparation <i>Country Programme</i>	-	Jun 1991	121,166	22,300	1991-Jun 1992	Completed. Country programme approved at 7th Executive Committee Meeting.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Mar 1993	82,890	72,009	N/A	Project preparation completed in early 1993 and grant agreement signed. Project now under supervision. Supervision to begin in the near future. Resources for supervision are being requested for 1994. Activity completed.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Feb 1992	191,878	57,493	1992	Completed. Five sub-components processed. Not all funds utilized.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Jun 1991	184,000	0	N/A	Completed. Funds utilized.
CHINA							
Several	Preparation of Investment Projects <i>Project Preparation</i>	-	Mar 1993	326,000	276,485	N/A	Funds utilized for project processing and pipeline development. Several projects presented to 12th EC Meeting. Activity closed for administrative purposes but refunded in 1994.
	Preparation of Investment Projects <i>Project Preparation--User Sectors</i>	-	Jun 1993	280,000	140,000	1993-1994	Activities initiated and a project preparation advance has been processed for US\$320,000 (PPA III). Disbursement of the PPA portion will be tracked through PPA III. Activity refunded in 1994.
	Preparation of Investment Projects <i>Project Preparation--Production Sector</i>	-	Jun 1993	240,000	180,000	1993-1994	Activities undertaken in July 1993. A project was being presented to 12th EC Meeting. Part of funds (US\$180,000) being transferred to China in the form of a Project Preparation Advance (PPA III). Disbursement of the PPA portion will be tracked through PPA III.
	Conversion of Six Aerosol Plants from CFC-12 to LPG <i>Project Preparation</i>	0	Feb 1992	-	-	1992	Completed. Funds not utilized. However, projects have been prepared and approved at the 9th EC Meeting.
Foam	Reduction of CFC-11 Use in Foam Insulation at Three Refrigerator Manufacturing Plants <i>Project Preparation</i>	0	Feb 1992	171,229	171,229	1992	Completed. Funds not utilized. However, projects were approved at 9th EC Meeting.
ECUADOR							

IBRD Summary Progress Report--Part II: Activities Completed,
Closed (for Budgetary Purposes or Other), or Transferred

World Bank Progress Report

as of June 10, 1994

Country Sector	Project title/ Project type	ODS to be phased-out	Date of Approval	Approved funding	Funds Disbursed	Time Frame	Status of Implementation
ECUADOR							
Several	Country Programme Preparation <i>Country Programme</i>	-	Feb 1992	76,100	0	1992	Completed. Country programme approved at the 6th ExCom Meeting
Several	Preparation of Investment Projects <i>Project Preparation</i>	-	Mar 1993	68,000	81,231	N/A	Funds utilized for final processing of project and initial supervision.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Feb 1992	95,026	95,000	1992	Completed. Projects in aerosol and rigid foam sectors prepared. Closed.
EGYPT							
	Country Programme Preparation <i>Country Programme</i>	-	Jun 1991	96,507	22,792	1991-1992	Completed. Country programme approved at 5th ExCom Meeting
	Preparation of Investment Projects <i>Project Preparation</i>	-	Feb 1992	227,827	8,672	N/A	Closed. Funds not utilized. UNDP is lead implementing agency.
Several	Preparation of Investment Projects <i>Project Preparation</i>	-	Mar 1993	112,200	42,224	1993	Funds being utilized to process MCMAC project. Not all funds utilized. Carried over into 1994. Closed for budgetary purposes.
GUATEMALA							
Several	Preparation of Investment Projects <i>Project Preparation</i>	-	Oct 1992	25,000	11,359	N/A	Closed.
Several	Preparation of Investment Projects <i>Project Preparation</i>	-	Mar 1993	47,000	33,512	N/A	Mission to finalize CPG and identified project proposals for UNDP/UNEP completed (Apr 1993). GOG recently requested Bank assistance for project preparation. Activity to be refunded in 1994.
INDIA							
Several	Preparation of Investment Projects <i>Project Preparation</i>	N/A	Mar 1993	400,000	360,958	1993	Bank has prepared and cleared 26 sub-projects for consideration by GOC. Several projects have been cleared. Leftover funds carried over into 1994. Activity closed for budgetary purposes.
	Preparation of Investment Projects <i>Project Preparation</i>	N/A	Nov 1993	100,000	59,281	1993	Preparation of ODS II has been initiated. Leftover funds carried over into 1994. Activity closed for budgetary purposes.

Summary Progress Report--Part II: Activities Completed, Closed (for Budgetary Purposes or Other), or Transferred

as of June 10, 1994

Country Sector	Project title/ Project type	ODS to be phased-out	Date of Approval	Approved funding	Funds Disbursed	Time Frame	Status of Implementation
INDONESIA							
Several	Country programme <i>Institutional Strengthening</i>	-	Oct 1992	54,000	41,069	1993	Funds not fully utilized. UNDP has lead preparation to begin in early 1993. IBRD will participate.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Mar 1993	206,000	207,805	N/A	Funds utilized to prepare first tranche of projects presented to the 11th Meeting of the EC. Project preparation will continue in 1994, activity will be refunded in 1994.
IRAN							
Several	Preparation of Investment Projects <i>Project Preparation</i>	-	Feb 1992	20,000	421	N/A	Closed. Funds not utilized.
JORDAN							
Refrigeration	Preparation of Investment Projects in Air Conditioning, Commercial and Domestic Refrigeration <i>Project Preparation</i>	-	Jun 1992	100,000	54,861	4 years (1993-1996)	Committed by Bank management on September 13, 1993. Project preparation in refrigeration sector being undertaken by UNIDO. Funds were reallocated.
Several	Country Programme Preparation <i>Country Programme</i>	-	Feb 1992	70,000	44,795	1992	Country programme completed. Submitted for consideration to the 10th ExCom Meeting.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Jun 1991	24,464	22,302	1991-1992	Completed.
	Country Programme Preparation <i>Country Programme</i>	-	Mar 1993	8,200	8,200	1993	CP completed and presented to the 10th Meeting of the EC.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Mar 1993	123,200	84,553	N/A	Funds utilized for final project processing and early supervision. Grant agreement signed in 1993. Activity closed for budgetary purposes. 1994 funding has been requested for supervision work.
MALAYSIA							
Several	Country Programme Preparation <i>Country Programme</i>	-	Jun 1991	16,294	19,747	1991-1992	Completed. Country programme approved at 6th ExCom Meeting.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Jun 1991	38,289	1,881	2 years (1991-1992)	Assistance to the Govt. in initial appraisals of approved projects. Closed.

Summary Progress Report--Part II: Activities Completed, Closed (for Budgetary Purposes or Other), or Transferred

as of June 10, 1994

Country Sector	Project title/ Project type	ODS to be phased-out	Date of Approval	Approved funding	Funds Disbursed	Time Frame	Status of Implementation
MALAYSIA							
Several	Preparation of Investment Projects <i>Project Preparation</i>	-	Feb 1992	120,000	54,408	2 years (1991-1992)	Assistance to the Gov't in initial appraisals of approved projects.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Mar 1993	28,200	29,116	N/A	Completed. Closed
	Preparation of Investment Project and CP Review <i>Project Preparation</i>	-	Jun 1993	100,000	16,657	N/A	Contracting of local firm underway. Several projects in the pipeline. Balance carried forward to 1994.
MEXICO							
Several	Country Programme Preparation <i>Country Programme</i>	-	Jun 1991	36,061	37,230	1991-1992	Completed. Country programme approved at 6th ExCon Meeting
	Preparation of Investment Projects <i>Project Preparation</i>	-	Jun 1991	68,164	40,928	N/A	Completed. Closed
	Preparation of Investment Projects <i>Project Preparation</i>	-	Feb 1992	292,076	60,082	N/A	Partly utilized. Project appraised by EC, Closed for budgetary purposes.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Mar 1993	123,400	58,014	N/A	Funds being utilized for support of pipeline development and supervision. Activities closed for budgetary purposes. Refunded in 1994.
NIGERIA							
Several	Country Programme Preparation <i>Country Programme</i>	-	Feb 1992	271,255	56,417	N/A	Delays in consultant selection. Activity refunded in 1993.
	Preparation of Investment Projects <i>Project preparation</i>	-	Feb 1992	144,078	0	N/A	Delays in consultant selection. Activity refunded in 1993. Closed for budgetary purposes.
	Country Programme Preparation <i>Country Programme</i>	-	Mar 1993	35,100	24,072	N/A	Request for consultant proposal initiated. Discussions with OON on initiation of activities are ongoing. Closed for budgetary purposes. Refunded in 1994.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Mar 1993	62,500	0	N/A	Subject to CP preparation. Participation of UNIDO in project preparation confirmed.

Summary Progress Report--Part II: Activities Completed, Closed (for Budgetary Purposes or Other), or Transferred

as of June 10, 1994

Country Sector	Project title/ Project type	ODS to be phased-out	Date of Approval	Approved funding	Funds Disbursed	Time Frame	Status of Implementation
PHILIPPINES							
Several	Country Programme Preparation <i>Country Programme</i>	-	Jun 1991	19,952	19,747	N/A	Completed. Closed.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Feb 1992	100,000	42,740	1992-1993	Completed. Project proposals approved at 9th ExCom Meeting.
Several	Controlled Substances Engineering Project <i>Project Preparation</i>	-	Feb 1992	400,000	393,675	1992-1993	Grant agreement signed (Jan 92). Investment projects approved at the 9th ExCom Meeting. Disbursements approaching completion. Project completed.
	Information Exchange Programme <i>Training</i>	-	Mar 1993	200,000	200,000 (to UNEP)	1 year (1993)	At the request of OOP this sub-project transferred to UNEP. Closed.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Nov 1993	150,000	0		To be initiated in 1994. Funds carried forward.
THAILAND							
Several	Country Programme Preparation <i>Country Programme</i>	-	Jun 1991	190,909	148,755	N/A	Draft CPG completed. Approved by EC. Closed.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Feb 1992	120,000	134,195	N/A	Project proposals to be submitted to the 10th ExCom Meeting.
	Controlled Substances Engineering Project <i>Project Preparation</i>	-	Feb 1992	390,000	390,000	1992-1993	Grant agreement signed (Aug 92). Project proposals submitted to 10th ExCom Meeting. Project essentially complete.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Nov 1993	150,000	45,691	N/A	Arrangements for project preparation initiated. Unused funds carried forward to 1994.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Mar 1993	190,000	179,216	N/A	Funds being utilized for project preparation and processing. Completed. Closed.
TRINIDAD AND TOBAGO							
Several	Preparation of Investment Projects <i>Project Preparation</i>	-	Jun 1991	86,843	0	N/A	Funds not utilized.

Summary Progress Report--Part II: Activities Completed, Closed (for Budgetary Purposes or Other), or Transferred

as of June 10, 1994

Country Sector	Project title/ Project type	ODS to be phased-out	Date of Approval	Approved funding	Funds Disbursed	Time Frame	Status of Implementation
TUNISIA							
Several	Country Programme Preparation <i>Country Programme</i>	-	Feb 1992	125,000	106,277	1 year (1992-1993)	Completed. CP has been translated and subject to Govt. review. Closed.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Feb 1992	50,000	22,377	1992	Completed. Projects submitted for approval at 7th and 8th ExCom Meetings. Closed.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Jun 1991	64,748	0	1991-1992	Completed. Projects submitted for approval at 7th and 8th ExCom Meetings. Closed.
	Country Programme Preparation <i>Country Programme</i>	-	Mar 1993	8,200	8,200	N/A	Assistance on CP preparation completed. Presentation to EC anticipated shortly. Closed.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Mar 1993	165,800	161,934	1993	Project preparation completed. Closed for budgetary purposes.
TURKEY							
Several	Country Programme Preparation <i>Country Programme</i>	-	Feb 1992	13,515	0	1992	Completed. Country programme approved at 8th ExCom Meeting. Closed.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Feb 1992	217,687	150,228	1992	Completed. Projects submitted for approval at 7th and 8th ExCom Meetings. Closed.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Mar 1993	140,400	181,903	N/A	Project processing complete. Supervision to be initiated during 1994. Closed for budgetary purposes. Funding for supervision work in 1994.
VENEZUELA							
Several	Country Programme Preparation <i>Country Programme</i>	-	Feb 1992	61,591	0	N/A	Closed. Funds not utilized. IBRD assistance has not been requested.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Feb 1992	107,058	0	N/A	Closed. Refunded in 1993.
	Preparation of Investment Projects <i>Project Preparation</i>	-	Mar 1993	156,200	179,505	N/A	Budget utilized to finalize processing of approved projects and to prepare additional projects. Closed for budgetary purposes. Activity refunded in 1994.

Status of Bilateral Assistance

as at May 1994

Country Sector	Project title/ Project type	ODS to be phased-out	Date of approval	Approved funding	Funds disbursed	Time frame	Status of implementation
Australia							
REGION: ASP Refrigeration	Support to participants to the regional workshop on refrigeration and air conditioning training programme <i>Training</i>	-	Mar 1994	\$66,800		1994	Newly approved
Several	Support to ASEAN regional conference on CFC and halons <i>Training</i>	-	Oct 1992	\$4,420	\$4,317	Mar 1992	Completed
Several	Support for delegates from six Asian countries to participate in regional workshop on alternatives to CFC <i>Training</i>	-	Jun 1992	\$39,394	\$34,974	Mar 1992	Completed. Workshop held in Canberra, Australia
Canada							
BRAZIL Refrigeration	Refrigeration training workshop in the state of Sao Paulo <i>Training</i>	-	Nov 1993	\$172,500		1 year (1994)	Completed. Workshop held (Sep 1993)
CHINA Several	Activities in Sichuan Province <i>Technical assistance</i>	-	Nov 1993	\$172,500		1 year (1994)	Completed. Workshop held in Chengdu, Sichuan Province (4-8 Oct 1994)
VENEZUELA Halon	Technical assistance in halon sector <i>Technical assistance</i>	-	Nov 1993	\$414,000		4 years (1994-1997)	Expert has been contracted. First draft report on a halon management plan sent to the Govt. for revision
Germany							
GLOBAL Several	Support to attend the Alternatives to CFC and Halons Technologies and Substances conference <i>Training</i>	-	Jun 1992	\$18,378	\$18,378	Feb 1991	Completed
N/A	Not available	-	Not applicable				Page 1

Status of Bilateral Assistance

as at May 1994

Country Sector	Project title/ Project type	ODS to be phased-out	Date of approval	Approved funding	Funds disbursed	Time frame	Status of implementation
Singapore							
REGION: ASP							
Solvent	Regional methyl chloroform elimination programme for ASEAN countries <i>Technical assistance</i>	-	Nov 1993	\$31,976		2 years (1993-1995)	Newly approved
South Africa							
REGION: AFR							
Several	Industry workshop on the practical implementation of the Protocol for English-speaking countries <i>Training</i>	-	Nov 1993	\$30,000		2 years (1993-1995)	Newly approved
USA							
CHINA							
Halon	Halon management resource manual <i>Technical assistance</i>	-	Nov 1993	\$32,000	\$32,000	1993	Completed. Manual furnished to UNEP (Dec 1993)
Halon	Halon 1211 recovery/recharge training workshops <i>Training</i>	-	Nov 1993	\$271,000	\$271,000	1993	Completed. Three workshops held (Beijing, Apr 1993) Hangzhou and Guangzhou, Sep 1993). 3 recovery/recharge machines provided. Coordinated delivery and deployment of 20 UNDP provided machines. Assessment of halon use in Guangdong province initiated
Halon	Halon-1211 recovery/recharge machines and training <i>Investment</i>	200	Mar 1994	\$735,000	\$705,000	1 year (1994)	39 machines delivered (May 1994). Workshop for machine operators planned for Nanjing (Sep 1994)
Refrigeration	Staged project to produce CFC-free refrigerators in China (stage 1a: model prototype development and testing) <i>Technical assistance</i>	-	Jun 1993	\$396,110	\$300,000	6 months (1993)	Initial prototype testing nearly completed. Selection of final design to be made shortly. Next phase of project to be proposed to the 14th ExCom Meeting
Several	Support for the FESC/AST international conference <i>Training</i>	-	Oct 1992	\$87,000	\$78,000	Jun 1992-Oct 1993	Completed. Conference for 450 participants held in Apr 1993
N/A	Not available	-	Not applicable				Page 2

Status of Bilateral Assistance

as at May 1994

Country Sector	Project title/ Project type	ODS to be phased-out	Date of approval	Approved funding	Funds disbursed	Time frame	Status of implementation
USA							
ECUADOR							
Aerosol	Technical assistance in aerosol project preparation <i>Project preparation</i>	-	Oct 1992	\$6,000	\$6,000	Mar-Apr 1992	Completed
Foam	Feasibility study for reduction of CFC-11 in rigid polyurethane foam insulation for refrigerators using water/CO2 formulation <i>Project preparation</i>	-	Oct 1992	\$41,000	\$41,000	Oct 1991-Mar 1993	Completed
Several	Support for country programme preparation <i>Country programme prepara</i>	-	Jun 1992	\$50,000	\$50,000	1991	Completed. CPG approved at the 6th ExCom Meeting
Several	Assistance in implementation of country programme <i>Country programme prepara</i>	-	Nov 1993	\$11,000	\$11,000	1 year	Completed
MALAYSIA							
Solvent	Conference on the elimination of ozone depleting solvents <i>Training</i>	-	Nov 1993	\$24,000		1993	Conference held (Apr 1993). Final report prepared
MEXICO							
Refrigeration	Chiller hands-on training <i>Training</i>	-	Oct 1992	\$81,000	\$81,000	Jan 1992-Aug 1992	Completed. Two workshops for 200 technicians conducted
Solvent	Mexican solvents programme to reduce CFC-113 and methyl chloroform <i>Training</i>	17	Oct 1992	\$360,000	\$360,000	Oct 1991-Mar 1993	Workshops held. Funding applications prepared. Continue to identify and provide technical assistance to solvent users
Several	Assistance to country programme and investment projects preparation <i>Country programme prepara</i>	-	Oct 1992	\$28,000	\$28,000	1991-1992	Completed
Several	Support for country programme preparation and development of project proposals <i>Project preparation</i>	-	Jun 1992	\$145,000	\$145,000	1991-1992	Developed project proposals in the aerosol, MAC and solvent sectors. Supported preparation of CPG
Several	Institutional strengthening <i>Institutional strengthening</i>	-	Jun 1992	\$285,000	\$285,000	1992-1994	Ongoing. The Ozone Protection Unit has prepared and submitted to the World Bank 12 projects totalling \$2.98 million which will result in an annual reduction of 2,719 ODS tonnes
N/A	Not available	-	Not applicable				Page 3

Status of Bilateral Assistance

as at May 1994

Country Sector	Project title/ Project type	ODS to be phased-out	Date of approval	Approved funding	Funds disbursed	Time frame	Status of implementation
USA							
THAILAND Solvent	Follow-up activities of the USA/Thailand/Japan conference on conservation, containment and alternatives <i>Technical assistance</i>	-	Oct 1992	\$203,000	\$108,000	1992-1994	Project proposal for Thai Airways is being prepared with assistance from Swedish EPA. Follow-up conference held (Feb 1994)
VENEZUELA Refrigeration	Technical assistance and demonstration project in CFC recycling in MAC <i>Demonstration</i>	-	Oct 1992	\$115,000	\$115,000	Oct 1992-Sep 1993	Training workshop held in Caracas (May 1994). 18 MAC recycling machines distributed. Data is being collected on the operation of the machines and a report will be submitted in Jan 1995
Several	Country programme preparation <i>Country programme prepara</i>	-	Oct 1992	\$43,000	\$43,000	Dec 1991-Sep 1992	Completed
REGION: ASP Halon	South-east Asia halon-1211 training workshop in Japan <i>Training</i>	-	Oct 1992	\$190,000	\$190,000	Mar 1992	Completed
REGION: LAC Halon	Follow-up to regional halon-1211 workshop <i>Demonstration</i>	-	Oct 1992	\$80,000	\$80,000	Aug 1992-Sep 1993	Completed. Strategy to assess use of halon and deploy halon recovery/recycling machines. Assessment missions to Panama, Uruguay completed
GLOBAL Halon	Regional workshops in halon-1211 training <i>Training</i>	-	Oct 1992	\$429,000	\$429,000	Aug 1992-Aug 1993	Completed. One workshop held (Beaufort, USA, Sep 1992). China halon workshop supported