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

Tenth Meeting
Montreal, 28-30 June 1993

UNIDO PROGRESS REPORT

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

**PROGRESS REPORT ON UNIDO-IMPLEMENTED
MONTREAL PROTOCOL OPERATIONS**

(as of 24 May 1993)

Following the approval of its Work Programme at the Ninth Meeting of the Executive Committee, UNIDO began to work with the countries indicated in the Work Programme as well as responding to requests from other countries. In addition to the five countries (Brazil, China, Egypt, Iran and Syria) which were included in the Work Programme, UNIDO has received requests from the Governments of India, Jordan and Venezuela to formulate certain project proposals related to the implementation of the Montreal Protocol, and additional project proposals have been formulated for institutional strengthening in Egypt and Syria.

The funds approved by the Executive Committee at its Ninth Meeting were transferred to UNIDO at the end of April, and subsequent missions identified (in addition to projects included in UNIDO's approved 1993 Work Programme) the following projects for formulation:

<u>Country</u>	<u>Project Title</u>	<u>Project Total</u>
India	Feasibility study for the recovery and recycling of CFC refrigerants	\$ 55,000
	Project formulation for Phasing-out of ODSs in the unorganized sector	55,000
	Project formulation for the conversion of electronic cleaning processes to non-CFC cleaning	74,000
Jordan	Preparation of investment projects for Phasing-out CFCs in the Refrigeration Sector:	90,000
	Phase out of ODS at Middle East Elect. Co. (Refrigeration)	
	Phase out of ODS at Petra Co. (Air Conditioning)	
	Phase out of ODS at Humco Refrigeration Co.	
	Establishment of Recycling System for CFC-12 at Main Refrigerator Repair and Maintenance Centers in Jordan	
	National Awareness Workshop on New & Alternative Technologies for Phase out of ODS in Refrigeration Industry	25,000
Egypt	Institutional Strengthening Unit for the Montreal Protocol Related Activities	263,450
Syria	Support to Strengthen the General Commission for Environmental Affairs to Implement Montreal Protocol Related Activities	297,550
Venezuela	Preparation of two investment projects for substitution of CFCs in the refrigeration industry	1,600,000

With the exception of the two projects for Venezuela, these project proposals have been formulated and presented to the Executive Committee for consideration at its 10th meeting. The others are under preparation. Where implementation activities have begun, progress is reported in the requested format on the attached charts.

UNIDO joined in the project formulation mission of the World Bank to Thailand in March 1993. This resulted in a number of areas for cooperation and action on UNIDO's part. As a first step, World Bank requested UNIDO to investigate the possibility of implementing mobile air-conditioners projects.

To date, implementation activities have not begun for the projects foreseen for Brazil and China. Due to prior commitments of the Government Officials of these two countries, it has not been possible to undertake visits to these countries to complete project identification and formulation. However, the mission to China is scheduled for early June 1993 and it is anticipated that the mission to be Brazil will be carried out during the third quarter of 1993.

Sector	Project title/ Project type	CDS to be phased-out technos	Approved funding \$	Funds disbursed \$	Date of approval	Time frame	Status	
							Progress	Delays
COUNTRY/REGION: EGYPT								
Refrigeration	Title: Elements of a strategy on the refrigeration and air-conditioning industry in Egypt: Proposals to the Government of Egypt Type: Project preparation	Sector-wide; 840 MT (CFC-11 and CFC-12 in 1991)	Financed from 100,000 allocated to Egypt	20,000 (obligated funds)	24/5/93 start of project activities	2 months	Two consultants undertook missions. Presently, the third consultant and UNIDO staff are in the field finalizing the document.	
Refrigeration	Title: Phasing-out of CFCs at KIRIAZI Household Refrigerators Manufacturing Co. Type: Project preparation	90 MT (CFC-11) 30 MT (CFC-12) annually	Financed from 100,000 allocated to Egypt	0.7 w/m (obligated expert mission)	May 1993 start of project activities	4 months	Consultant under recruitment. Project will be submitted for the Eleventh Meeting of ExCom	

Sector	Project title/ Project type	ODS to be phased-out for use	Approved funding, \$	Funds disbursed, \$	Date of approval	Time frame	Status	
							Progress	Delays
COUNTRY/REGION: EGYPT								
Refrigeration	Title: Phasing-out of CFCs at ELECTROSTAR Household Refrigerator Manufacturers, Cairo, Egypt Type: Project preparation	200 MT (CFC-11) 25 MT (CFC-12) annually	Financed from 100,000 allocated to Egypt	0.7 w/m (obligated expert mission)	May 1993 start of project activities	4 months	Consultant under recruitment. Project will be submitted for the Eleventh Meeting of ExCom	
Foams	Title: Phasing-out the use of CFC-11 in the manufacture of rigid polyurethane foam at EL-FATEH Company Type: Project preparation	50 MT (CFC-11) annually	Financed from 100,000 allocated to Egypt	0.7 w/m (obligated expert mission)	April/May 1993 start of project activities	4 months	Consultant and UNIDO staff undertook mission and prepared the draft prodoc. The final version will be submitted in August 1993.	

Sector	Project title/ Project type	ODS to be phased-out, tonnes	Approved funding, \$	Funds disbursed, \$	Date of approval	Time frame	Status	
							Progress	Delays
COUNTRY/REGION: EGYPT								
Foams	Title: Phasing-out the use of CFC-12 in the manufacture of extruded polystyrene foam at ADVECHEMS Type: Project preparation	196 MT (CFC-12) annually	Financed from 100,000 allocated to Egypt	0.6 w/m (obligated export mission)	April/May 1993 start of project activities	1 month	Consultant and UNIDO staff undertook mission and prepared the prodoc with budget \$ 1,083,000. Project document has already been submitted to MF Secretariat	
COUNTRY/REGION: IRAN								
Refrigeration	Title: Two feasibility studies for the recovery and recycling of CFC refrigerants Type: Project preparation		Financed from 50,000 allocated to Iran		May/June 1993 start of project activities	4 months	Consultant under recruitment. Project will be submitted for the Eleventh Meeting of ExCom	

Sector	Project title/ Project type	ODS to be phased-out tonnes	Approved funding \$	Funds disbursed \$	Date of approval	Time frame	Status	
							Progress	Delays
COUNTRY/REGION: SYRIA								
Refrigeration	Title: Phasing-out of CFCs at AL-HAFEZ Refrigerator Factory Type: Project preparation		Financed from 35,000 allocated to Syria	0.7 w/m (obligated expert mission)	May 1993 start of project activities	4 months	Consultant under recruitment. Project will be submitted for the Eleventh Meeting of ExCom	
Refrigeration	Title: Phasing-out of CFCs at BARADA Company for Metal Industry (A manufacturer of household refrigerators) Type: Project preparation	7 MT (CFC-11) 20 MT (CFC-12) annually	Financed from 35,000 allocated to Syria	0.7 w/m (obligated expert mission)	May 1993 start of project activities	4 months	Consultant under recruitment. Project will be submitted for the Eleventh Meeting of ExCom	