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1995 UNDP WORK PROGRAMME

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UNDER THE MONTREAL PROTOCOL

1. DURING 1991-1993, UNDP's cumulative work programme under the Montreal Protocol was \$23 million, of which \$13.46 million (58%) has already been disbursed. In preparing the 3-year work programme for 1994-96, the initial UNDP forecast (Oct. 1993) was around \$90 million. Many considered this highly unrealistic given the low level of approved UNDP projects at that time and the paucity of acceptable project proposals. UNDP, accordingly, lowered its expectation by half, projecting a moderate 1994-96 work programme of around \$47 million in investment projects plus around \$13 million in technical assistance, institutional strengthening and other activities, for a total of around \$60 million over the period 1994-96.
2. UNDP's overall 1994 Work Programme reached the level of \$57.6 million. The reason for this has been spelt out in our presentation to the 15th ExCom, which is that Article 5, para 1 Parties have seriously addressed the urgent need to phaseout ODS as per the schedules proposed in their respective approved country programmes. Total ODS tonnage that will be phased out at this level is 8,564, of which 427 tonnes have already been phased-out.
3. At the 15th ExCom meeting, UNDP had presented a tentative 1995 Work Programme totalling \$61.5 million assuming no growth over the 1994 level. However, over the last few months, UNDP experts together with government representatives have already identified, and in several cases started formulation of project proposals which will be ready shortly, more than above the baseline. Total Work Programme would be \$71.4 million. While the provisional 1995 Work Programme which was tentative in nature, submitted during the 15th ExCom, has increased to this new level, it must be borne in mind that this is inclusive of pipeline projects of about \$16 million in projects which were previously deferred. In addition, during 1995, UNDP will concentrate on project implementation and monitoring and evaluation of approved projects.
4. The attached table specifies the expected country disaggregation of the sectoral components of UNDP's final 1995 work programme.
5. We also attach a country by country description, detailing project proposals already formulated, identified and currently under preparation. These are firm proposals and do not take into account new requests that are expected from Governments for new activities.

**1995 UNDP WORK PROGRAMME
UNDER THE MONTREAL PROTOCOL
(In \$ Millions)**

COUNTRY	AEROSOL	FOAM	REFRIG	SOLVENT	HALON	OTHER	TOTAL
ARGENTINA		4.0			0.3		4.3
BANGLADESH	0.4		2.0				2.4
BRAZIL		3.0	0.8	0.6	0.4	0.5	5.3
CHINA		3.5	15.0	1.5			20.0
COLOMBIA			0.7	0.2	0.2		1.1
COSTA RICA			0.7				0.7
CUBA			0.2				0.2
EGYPT		0.5			0.5		1.0
GUATEMALA			0.3				0.3
INDIA		2.5					2.5
INDONESIA			2.0	1.5	0.2		3.7
JAMAICA			0.3				0.3
MALAYSIA	3.0	5.0		1.0	0.5		9.5
MAURITIUS			0.4				0.4
MEXICO		1.0	0.7	0.7	0.2		2.6
PANAMA			0.3				0.3
PERU		0.7	0.3				1.0
PHILIPPINES		1.0	0.5	0.5	0.2		2.2
SRI LANKA			1.2				1.2
THAILAND	3.0	2.0			1.0		6.0
TRINIDAD/TOBAGO			0.2				0.2
URUGUAY				0.3	0.2		0.5
VENEZUELA		0.7	4.0				4.7
VIETNAM	0.8					0.2	1.0
TOTAL	7.2	23.9	29.6	6.3	3.7	0.7	71.4

**1995 UNDP WORK PROGRAMME
UNDER THE MONTREAL PROTOCOL**

ARGENTINA

Foam (\$4.0 million)

INTI has already prepared 2 flexible foam projects (BELMO, LIMANSY) that will be sent to the Fund Secretariat by Jan/Feb 95. Five other major foam projects (PIERO, SUAVESTAR, NUVEL-CORP-SUAVEGOM, NEW-MARKET and TERMICA) and two umbrella projects for small-scale producers (flexible and rigid respectively) are envisaged to be finalized in 1995. Four million is in fact an extremely conservative estimate to undertake this work.

Halons (\$0.3 million)

In view of the well-known difficulties related to this sector, projects to be submitted this year may be limited to 0.3 m only.

BANGLADESH

Aerosol (\$0.4 million)

A project for Advanced Chemical Industries (ACI) was formulated in November 1994 and will be submitted to the 17th ExCom.

Refrigeration (\$2.0 million)

A project preparation mission is tentatively scheduled for first half of 1995 to review the whole sector and formulate investment and demonstration projects. Government requested to collect relevant data from 3-5 priority plants to be included in this year's plan.

BRAZIL

Foam (\$3.0 million)

Work in that sector was attributed to UNDP as per interagency agreement UNDP / UNEP / UNIDO / World Bank signed in December. In a large country such as Brazil, the proposed figure seems to be on the conservative side. First mission scheduled for mid-March.

Refrigeration (\$0.8 million)

Project formulated end-Jan for Multibras (Chest Freezers) amounts to 0.8 m. The project is already formulated and ready to be submitted. No other projects will be formulated in this sector by UNDP, as per above-mentioned interagency agreement.

Solvents (\$0.6 million)

Same interagency agreement stipulates that this sector would be shared by UNIDO and UNDP. Again, the amount proposed seems to be on the conservative side. First mission scheduled for mid-March.

Halons (\$0.4 million)

Same interagency agreement stipulates that UNDP would only do a project for TA and halons banking. Mission scheduled in mid-February.

Other (\$0.5 million)

Same interagency agreement stipulates that UNDP would work in recovery-recycling for MAC. Consultant undertakes identification mission in early Feb 95. Similar project is expected as recovery/recycling efforts in Cuba, Mexico, Venezuela.

CHINA*

Foam (\$3.5 million)

A December 1994 mission formulated 9 XPS/XPE projects which are ready for submission by the Government to the 17th ExCom.

Dom.Ref (\$15.0 million)

2 refrigerating foam projects (Kelon and Zhongyi) were deferred from 15th ExCom meeting. The refrigerant component will be formulated in Feb/March 1995 and the two consolidated projects (refrigeration and refrigeration foams) will be submitted to the 17th ExCom.

Solvents (\$1.5 million)

4 projects were submitted to MLF during 1994. These were deferred pending finalization of a sector strategy and additional information.

*** The above amounts are based on existing pipeline projects only and do not take into account new projects in the foam and solvent sectors.**

COLOMBIA.

Refrigeration (\$0.7 million)

Projects for the remaining three commercial refrigeration companies (Friomix, Super Nordico and Westell) were prepared and are being submitted to the Fund Secretariat at present. No further work is envisaged in the refrigeration manufacturing sector.

Solvents (\$0.2 million) and Halons (\$0.2 million)

Government requested assistance in these two sectors in December 1994. Consultants will visit in February 1995.

COSTA RICA

Refrigeration (\$0.7 million)

Project proposal for ATLAS (\$0.5 million) was finalized and will be sent to the Fund Secretariat shortly. Another project proposal in recovery/recycling of refrigerant is being considered.

CUBA.

Refrigeration (\$0.2 million)

One small commercial refrigeration plant was identified. Project will be formulated in mid-1995.

EGYPT

Foam (\$0.5 million)

1 umbrella project for rigid foams/commercial refrigeration will be prepared to cover the remaining small CFC-users. These projects will complete the ODS phaseout in the foams and commercial refrigeration sectors.

Halon (\$0.5 million)

A national workshop with representatives from concerned ministries and industries was held in Cairo 15-16 January 1995 to discuss strategy for the development of a halons management programme. The strategy paper is under preparation, together with a project proposal for the halon management programme.

GUATEMALA

Refrigeration (\$0.3 million)

A recovery/recycling project is envisaged. Visits were already undertaken in 1994, and a follow-up visit is scheduled for mid-1995.

INDIA

Foam (\$2.5 million)

A UNDP mission is now in India to finalize negotiations between UNDP and the Government as to process of implementation. This is foreseen to culminate in additional foam projects since UNDP is the lead implementing agency in this sector.

INDONESIA

Com.Ref (\$2.0 million)

A project preparation mission has been requested by the Government and is planned for April/May 1995.

Solvent (\$1.5 million)

Over 20 companies have been identified for potential conversion projects. Several projects will be finalized during 1995.

Halon (\$0.2 million)

A halon management programme proposal is being finalized.

JAMAICA

Refrigeration (\$0.3 million)

A proposal is being developed in the commercial refrigeration sector (end-users).

MALAYSIA

Aerosol (\$3.0 million)

Three project proposals have already been formulated. Of the 35 or more companies identified, many more requests for conversion will be processed during 1995, including possibly one umbrella project to cover smaller aerosol fillers.

Foam (\$5.0 million)

8 project proposals were formulated in Oct. 1994, and another project preparation mission is scheduled for mid-February. About 15 projects will be finalized for the 17th ExCom. In addition, 2 umbrella projects covering the remaining industries in the molded/semi-rigid foams and commercial refrigeration sectors will be finalized. These will complete the CFC phaseout in these sub-sectors.

Solvent (\$1.0 million)

An umbrella project for small operators has been prepared and is under review by the Government.

Halon (\$0.5 million)

A halon management programme has been formulated, together with some conversion projects for major halon users. These are under review by UNDP.

MAURITIUS

Ref/air conditioning (\$0.4 million)

A recovery/recycling training demonstration project will be formulated in April/May. Questionnaire has been sent out.

MEXICO

Foam (\$1.0 million)

A strategy is now being prepared by a National Consultant, and projects are likely to result in the rigid foam sector (sandwich panels). Submission likely toward end-1995.

Refrigeration (\$0.7 million)

A project proposal in recovery/recycling of refrigerant of 0.3 million has been prepared and will be submitted in Jan/Feb. Remaining amount (0.4) would be reserved for proposals being prepared bilaterally by US-EPA. A higher amount was expected but difficulties arose recently with preparation of end-user proposals for supermarkets.

Solvents (\$0.7 million)

Two projects were approved through ICF / US-EPA in 1994. New proposals are awaited through the same channel. However, project proposals so far seem to be rather small so that the amount proposed is kept small.

Halons (\$0.2 million)

In view of the current difficulties surrounding halon projects, the amount allocated is kept small. UNDP's sector expert will visit Mexico in Feb 95.

PANAMA

Refrigeration (\$0.3 million)

Project in recovery/recycling will be formulated in mid 1995.

PERU

Foam (\$0.7 million)

A mission is scheduled for Feb 95 for a polystyrene foam manufacturer (PROMOLA). Will be presented in July 95.

Refrigeration (\$0.3 million)

A project proposal for recovery/recycling will be formulated during the year.

PHILIPPINES

Foam - (\$1.0 million)

Three proposals are under review by UNDP/Government - Mandaue Foam (Cebu and Davao Plants) and Hercules Foam

Solvents (\$0.5 million)

Three projects are now under review by UNDP/Government. Strongbase Industries Incorporated, MPI. and one umbrella project for small scale users.

Refrigeration - (\$0.5 million)

A preparatory /identification mission is scheduled for April/May at the request of the Government.

Halon (\$0.2 million)

Initial support in the formulation of banking management strategy and training in the recycling/recovery process.

SRI LANKA

Dom. Ref (\$0.8 million)

An umbrella project covering three manufacturing companies has been formulated and will be submitted to the 17th Excom Meeting.

Ref./air-conditioning (\$0.4 million)

A recovery/recycling training demonstration project will be formulated during first half of 1995.

THAILAND

Aerosol (\$3.0 million)

Two projects (Sanit & PackServ) have been finalized for submission to the 17th Excom Meeting. A second project preparation mission is tentatively scheduled for March to start formulating projects for some 20 enterprises identified.

Foam (\$2.0 million)

A project preparation mission is scheduled for early February to finalize projects for seven enterprises.

Halon (\$1.0 million)

A halon management proposal together with several conversion projects have been developed and are being reviewed by UNDP.

TRINIDAD AND TOBAGO

Refrigeration (\$0.2 million)

A recovery/recycling project will be formulated in 1995.

URUGUAY

Solvents (\$0.3 million)

Govt requested UNDP to send identification mission to Uruguay. UNDP's sector expert is scheduled to visit in Feb/March 95.

Halons (\$0.2 million)

Since a project proposal was already submitted twice, the Govt now hopes it will receive approval at the next Executive Committee Meeting.

VENEZUELA

Foam (\$0.7 million)

A recent request to formulate a project in polystyrene foam (FANDEC) was received. A Consultant will visit Venezuela in early Feb 95.

Refrigeration (\$4.0 million)

A series of projects were already finalized in the domestic and commercial refrigeration (for 3.4 m.) and will be sent to the Fund Secretariat by 31 Jan 95. A few small additional projects are likely to follow (0.6 m.)

VIETNAM

Aerosol (\$0.8 million)

The draft Country Programme, indicates that ODS consumption in the sector was about 200 tonnes and the Government has requested UNDP's assistance in project formulation. A mission is tentatively scheduled for March 1995.

Institutional Strengthening (\$0.2 million)

Government's final decision awaited.

ROUGH ESTIMATES ABOUT ODP TONNES/YR PHASEOUT CORRESPONDING TO
UNDP'S 1995 WORKPLAN

COUNTRY	S E C T O R						TOTAL
	Aerosol	Foam	Refrig	Solvent	Halons	Other	
Argentina		600			20		620
Bangladesh	125		50				175
Brazil		500	166	30	15	60	771
China		800	1,000	100			1,900
Colombia			33	10	10		53
Costa Rica			50				50
Cuba			5				5
Egypt		30			10		40
Guatemala			50				50
India		500					500
Indonesia			130	50	10		190
Jamaica			50				50
Malaysia	150	350		20	10		530
Mauritius			25				25
Mexico		200	170	50	10		430
Panama			50				50
Peru		150	50				200
Philippines		200	30	10	10		250
Sri Lanka			50				50
Thailand	500	200			200		900
Trinidad/Tobago			25				25
Uruguay				15	10		25
Venezuela		150	250				400
Vietnam	200					0	200
Total	975	3,680	2,184	285	305	60	7,489