



**United Nations
Environment
Programme**



Distr.
LIMITED

UNEP/OzL.Pro/ExCom/21/10
21 January 1997

ORIGINAL: ENGLISH

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

Twenty-first Meeting
Montreal, 18-20 February 1997

1997 UNIDO BUSINESS PLAN

COMMENTS AND RECOMMENDATIONS FROM THE FUND SECRETARIAT**COMMENTS**

1. UNIDO's 1997 business plan does not provide grand totals for tables 4 and 5 which provide information by country and region. This has led to inconsistent information between the data presented by sector/sub-sector in tables 1 and 2 and the same data provided by country in tables 4 and 5.
2. UNIDO's 1996 business plan was revised following its submission to the 18th Meeting of the Executive Committee to reflect project approvals at that meeting that had an impact on its 1996 business plan.
3. UNIDO's targets for speed of delivery in its 1997 business plan are the same as those targeted in its 1996 business plan. UNIDO states that the first disbursement on investment projects occurs from six to seven months after project approval. This is consistent with UNIDO's historic trend the time until first disbursement.
4. UNIDO also provides estimates of the average time between project approval and project completion and final disbursement by sector. Its targets for the average time between project approval and project completion are as follows: aerosol projects, from 12 to 13 months; foam projects, from 18-19 months; halon projects, from 18-19 months; domestic refrigeration projects, from 24-25 months; and solvent projects, from 12-13 months. For projects completed through June 1996, UNIDO has met its target for foam projects, but has exceeded its targets for the other sectors on average by three months.
5. UNIDO's 1996 target for disbursement was US \$30.4 million and its 1997 target is US \$32.5 million. The 1997 target represents a 7 per cent increase from its 1996 target. The level of disbursement estimated through 1996 in UNIDO's business plan cannot be assessed against 1996 targets because the estimates are based on expenditures alone while the target included both expenditures and obligations.
6. The amount of phase-out targeted for 1997 is 3,344 ODP tonnes. Based on UNIDO's estimated phase-out through 1996, UNIDO phased out 2,378 ODP tonnes of the 3,701 ODP tonnes targeted in its 1996 business plan.
7. About 40 per cent of UNIDO's targeted funding for 1997 is for activities in high consuming countries. Projects targeted for high consuming countries will result in only about 30 per cent of the phase-out of the phase-out targeted for approval in 1997 by UNIDO.
8. UNIDO's 1997 business plan is targeting the preparation of the country programmes of three countries. It is also targeting methyl bromide demonstration projects as part of its non-investment activities in 1997.

9. UNIDO is requesting US \$969,000 for project preparation activities in 1997. UNIDO agreed to remove funding for the production sector until such time as the guidelines are adopted. Aside from the production sector issue, the issues that may prevent UNIDO from meeting its 1997 targets for project funding involve:

- UNIDO's targeted funding for methyl bromide projects since the total targets of UNDP and UNIDO exceed the US \$2-3 million target established by the Interim Guidelines on Methyl Bromide projects.

RECOMMENDATIONS

The Executive Committee may wish to consider:

1. Requesting UNIDO to provide data tables consistent with other agencies in its future business plans.
2. The potential policy issues that planned 1997 project preparation and project submissions raise to determine if UNIDO's 1997 business plan should be revised or approved as submitted.



1997 BUSINESS PLAN OF UNIDO

to be submitted to the 21st session of the
Executive Committee

January 1997

Executive Summary:

The business plan for 1997 is based on activities already prepared during 1996 and new activities to be carried out in 1997.

It is a result of consultations held with government officials who to an extent possible indicated their priorities for 1997 with the main objective to achieve the 1999 freeze target.

However, certain countries such as Algeria, Argentina, Cameroon, Jordan, Lebanon, Malaysia and Venezuela who are likely to achieve the freeze target ahead of time are still requesting assistance in order to accelerate their respective ODS phase out target.

New countries, such as Benin, Bosnia and Herzegovina, Burkina Faso, Croatia, Gambia, Guinea, Honduras, Democratic Republic of Korea, Madagascar, Qatar and Yugoslavia will seek for the first time financial assistance from the Multilateral Fund. This will improve the coverage by the Multilateral Fund of parties operating under Article 5 of the Montreal Protocol.

The number of investment projects to be submitted in all sectors including the tobacco and production sectors is 76 with an estimated budget of US\$ 42.5 million (including support costs) which would represent 119% of the estimated budget share for UNIDO according to the agreement reached during the last Coordination Meeting held in December 1996 in Montreal.

In addition to that, 4 demonstration projects in the methyl bromide sector already prepared in 1996 will be submitted in 1997 according to the decision 20/49 of the Executive Committee.

Business Plan Narrative

A. Multilateral Fund targets:

1. Regardless of sectors, UNIDO will, by the end of 1997, be exceeding the estimated budget allocation for each agency. As the experience accumulated in 1996 has shown, with this approach, it is expected to have better forecasts provided that priorities are established accordingly.
2. Resource allocations for each particular category is as follows:

Investment projects which represents 82% of the total proposed budget	US\$ 29,991,000*
Low ODS-consuming countries which is 6.6% of the total proposed budget	US\$ 2,400,000*
MACs and Compressors which represents 9% of the total proposed budget	US\$ 3,300,000*
Recycling which is 2.2% of the total proposed budget	US\$ 800,000*
Special category : methyl bromide	US\$ 2,546,000

*excluding overheads

3. Special initiatives

Tobacco sector: one project in China is expected to be submitted in 1997 according to the guidelines adopted at the 20th meeting of the Executive Committee.

Methyl bromide: 4 demonstration projects in Brazil, China, Guatemala and Tunisia are expected to be submitted in 1997. Those projects are covering uses in horticulture, tobacco and palm dates.

Geographical distribution: Again in 1996, UNIDO will be covering all the regions (Latin America, Caribbean countries, Asia and the Arab region, Africa and Eastern European) with substantial increase in Latin America and Eastern Europe.

1. Funded activities not yet financially completed:

a) *Investment projects*

As already reported at the last session of the Executive Committee, the implementation of ongoing investment projects is progressing. In particular:

Africa: In Algeria, UNIDO is involved in the implementation of investment projects in aerosol, foam, refrigeration and solvents. All activities are progressing according to schedule. The project in the solvent sector has recently been completed. In Egypt, the Organization is involved in projects in the foam, refrigeration and solvent sectors and all activities are progressing satisfactorily. For instance, the project with Electrostar has reached its completion stage and production with the new line is already underway. In Cote d'Ivoire, one project in the foam sector is progressing with its implementation whereas approvals in the aerosol sector have already started implementation. In Kenya, UNIDO is active in the aerosol and refrigeration sector and activities under the two projects in the respective sectors are progressing according to schedule. In Cameroon, one project has been completed. In Mozambique the implementation of the project in the refrigeration sector has started. The same applies to projects in Nigeria in the refrigeration sector. In Sudan, the Organization is involved in projects in the aerosol, foam and refrigeration sectors. In the same sectors, the Organization is active in Tunisia, whereas in Tanzania the two projects address ODS phase out in the sectors of aerosol and refrigeration. Finally, in Zimbabwe, the activities of the project in the recovery and recycling sector have been completed.

Asia/Pacific: In the People's Republic of China, the Organization covers the sectors of halon and refrigeration, including compressors. All activities are progressing according to schedule. A number of contracts have been awarded and an awareness workshop on implementation procedures was organized jointly with NEPA last November. In Indonesia, the Organization covers investment projects in the sectors of refrigeration and foam, whereas in India the solvent sector is the only one the Organization has been/is so far involved in the country. In Iran, the ongoing projects address ODS phase out issues in the sectors of refrigeration and foam, whereas the ongoing activities in Jordan cover ODS phaseout in the sector of refrigeration and in Lebanon in the sectors of aerosol and foams. In Pakistan, UNIDO is active in two investment projects in the refrigeration sector; in Syria the Organization assists companies in their efforts to phase out ODS in the sectors of aerosol, foam and refrigeration. In Vietnam, the investment project in the refrigeration sector has been completed at the end of 1996.

Europe: In Europe, the Organization is active in the countries of Romania (aerosol, foam and refrigeration sectors); Former Yugoslav Republic of Macedonia (refrigeration) and Turkey (foam sector) whereas one of the projects is applying the new technology of liquid carbon dioxide.

Latin America and the Caribbean: After having successfully completed two projects last year in the foam sector in Argentina, the Organization focuses its efforts in the ongoing investment projects in Brazil, addressing the phase out of ODS in the foam, refrigeration, solvents, recovery and recycling sectors as well as the recent new approvals in Argentina in the foam and Peru in the solvents sectors, respectively.

b) Non-investment projects and activities

The Organization has successfully completed the Country Programme formulation in the Former Yugoslav Republic of Macedonia. For the newly-approved project in institutional strengthening, the appointment of the national manager by the government authorities has been recently communicated to UNIDO and preparatory activities are starting to ensure quick finalization of the implementation agreement. In Egypt, the institutional strengthening project Phase 1 has been completed and the start of Phase 2, earlier approved, has commenced according to schedule. In Syria, the activities of the institutional strengthening project are also progressing. ROM/SEV/17/INS/4 Creation of an Ozone Secretariat. The institutional strengthening projects is very close to its start up. Some comments on the final project document/agreement are still being awaited from the Romanian authorities.

c) Project preparation

Many projects have already been prepared in 1996 and are expected to be submitted in 1997. New projects will be developed during 1997. The majority of these new projects will also be submitted in 1997 and the remaining as carry-over for 1998.

2. Programme expansion

a) Project preparation:

From the estimated surplus from previous approvals (US\$ 307,300) and additional requests (US\$ 1,069,000) including 15% for unforeseen activities, 117 investment projects will be generated out of which 80 will be submitted in 1997 in all sectors including the production sector.

b) Non-investment projects:

Requests were received from the Governments of Bosnia and Herzegovina, Federal Republic of Yugoslavia and Qatar to prepare Country Programmes and from Egypt, Phase II of the institutional strengthening project for a period of two years since a period of six months is already covered by a project approved at the 19th session, UNIDO will request funds for 18 months. UNIDO is, therefore, requesting US\$ 371,700 for non-investment activities for 1997.

C. Performance indicators:

1. a) The estimated average time between approval and the first disbursement is usually between six to seven months.

b) Again, as indicated in the 1996 business plan for final disbursements, the duration is very much related to the sector considered. In that respect, the estimated average for each sector is as follows:

Domestic refrigeration	:	26 - 27 months
Solvents	:	14 - 15 months
Foam	:	20 - 21 months
Aerosols	:	14 - 15 months
Halons	:	19 - 20 months

- c) as for the ODS phase out, it is as follows:

Domestic refrigeration	:	24 - 25 months
Solvents	:	12 - 13 months
Foams	:	18 - 19 months
Aerosols	:	12 - 13 months
Halons	:	18 - 19 months

2. Once again, based on contracts awarded for projects so far, it appears in general that the funds approved by the Executive Committee are below offers received, making thus the use of contingencies necessary and also requesting counterparts to cost-share certain items. The latter is resulting in considerable delays in the implementation progress. This is particularly valid for solvent and aerosol sectors. Accordingly, we foresee in a few cases, if the cost-sharing negotiations are failing, that certain projects cannot be implemented. It is hoped that the initiative of the Multilateral Fund Secretariat requesting the Implementing Agencies to provide real costs of major items will help to better understand this issue.

3. Average cost of project preparation

Project preparation funds (including support costs):

Project Preparation funds=US\$ 1,555,250 = US\$ 13,293/project

Total number of projects 117

Project preparation funds = US\$ 1,555,250 = US\$ 0.25/kg

Total ODP to be phased out 6,219 kg

The above ODP to be phased out does not entail the respective portions of production and methyl bromide sectors.

4. Expected ODP phase-out:

ODP tonnes phaseout expected in 1997 is 3,388.1 ODP tonnes. Compared to the total funded (11,583.4 ODP tonnes), the percentage would then be:

3,344.1 = 38%

8,764.7 (excluding projects already completed)

5. The average cost-effectiveness for which phase-out will occur in 1997 would be:

Disbursement for Year of Plan (1997) = 32,488= US\$ 9.72/kg

ODP Phase out for Year of Plan (1997) 3,344.1

It should be noted that 72% (US\$ 23,282,900) of the investment projects for which ODP phase-out will occur in 1997 is related to the refrigeration sector with an average cost-effectiveness of US\$ 13.03/kg.

D. Policy issues

Cost effectiveness

1. It has been demonstrated on many occasions that small-scale projects and, to a certain extent, medium-scale projects, cannot meet the cost-effectiveness thresholds, particularly in sectors like foam, aerosols, halons and solvents. UNIDO is once more requested to formulate projects in the small-scale sectors. It is highly desirable to have from the Executive Committee a final decision on the appropriate way to fund small-scale investment projects.
2. It would also be helpful if the Executive Committee could initiate priorities on sectors in order to enable agencies to focus on particular sectors at given periods of time.

E. Administration and financial matters

Promissory Notes

UNIDO has the agreement of its member states to use promissory notes and an amendment to the agreement between the Executive Committee and UNIDO has been prepared and sent to the Multilateral Fund Secretariat for consideration by the Executive Committee.

Annexes:

Table 1 :	Funded investment projects by sector
Table 2 :	Project preparation by sector
Table 3 :	Non-investment projects by type
Table 4 :	Funded investment projects by country/region
Table 5 :	Project preparation by country/region

Table 3: NON-INVESTMENT PROJECTS (1)(2)(3)(4)

Country	Region	Type	Title ⁽⁵⁾	Project Funding (US\$000s)		Disbursement by the Agencies (US\$000s)			Date of Completion		Objective
				Already approved	To be Requested in 1997	To date (31.12.96)	Year of Plan (1996)	Following Years	Activity (mo/yr)	Activity (mo/yr)	
Macedonia	Europe	CPG	Country Programme for the Phase out of Ozone Depleting Substance in Macedonia, Ministry of Planning, Civil Engineering, Telecommunications, Transportation and Environment	80		77			7.1996		To provide an overview of the current situation in Macedonia with respect to ODS (production, consumption, structure of industry, significant actions already undertaken) and outline the ODS phase out strategy and related Action Plan.
Qatar	Asia	CPG	Country Programme for the phase out of ODS in Qatar		80		60	20	3.1998		To provide an overview of the current situation in Qatar with respect to ODS (production, consumption, structure of industry, significant actions already undertaken) and outline the ODS phase out strategy and related Action Plan.
Bosnia and Herzegovina	Europe	CPG	Country Programme for the phase out of ODS in Bosnia and Herzegovina		80		60	20	3.1998		To provide an overview of the current situation in Bosnia and Herzegovina with respect to ODS (production, consumption, structure of industry, significant actions already undertaken) and outline the ODS phase out strategy and related Action Plan.
Yugoslavia	Europe	CPG	Country Programme for the phase out of ODS in Yugoslavia		80		60	20	3.1998		To provide an overview of the current situation in Yugoslavia with respect to ODS (production, consumption, structure of industry, significant actions already undertaken) and outline the ODS phase out strategy and related Action Plan.
Subtotal				80	240	77	180	60			
Support Cost				10	31	10	23	8			
Total				90	271	87	203	68			

(2) Include funded activities, i.e. those approved by the Executive Committee but for which financial transactions have not been completed, and planned activities, not yet submitted.

(3) In some cases, project implementation (e.g. ODS phase-out or workshop completion) may have occurred but the financial transactions may not have been completed.

(4) Non-investment Projects should be listed by type instead of sector.

(5) Include sector if applicable and not included in title.

Table 3: NON-INVESTMENT PROJECTS ⁽¹⁾⁽²⁾⁽³⁾⁽⁴⁾

Country	Region	Type	Title ⁽⁵⁾	Project Funding (US\$000s)		Disbursement by the Agencies (US\$000s)			Date of Completion		Objective
				Already approved	To be Requested in 1997	To date (31.12.96)	Year of Plan (1997)	Following Years	Activity (mo/yr)	Activity (mo/yr)	
Zambia	Africa	TRA	Training and certification programme for refrigeration technicians, Natural Resources Department, Zambia	82		79			12.1996		Train technicians in recovery and recycling techniques and improve awareness of CFC leakage issues in order to reduce emissions, preparation for total elimination of ODS by/through retrofitting.
Subtotal				82		79					
Support Cost				10.66		10.27					
Total				93		89.3					

(2) Include funded activities, i.e. those approved by the Executive Committee but for which financial transactions have not been completed, and planned activities, not yet submitted.

(3) In some cases, project implementation (e.g. ODS phase-out or workshop completion) may have occurred but the financial transactions may not have been completed.

(4) Non-investment Projects should be listed by type instead of sector.

(5) Include sector if applicable and not included in title.

Table 3: NON-INVESTMENT PROJECTS (1)(2)(3)(4)

Country	Region	Type	Title ⁽⁵⁾	Project Funding (US\$000s)		Disbursement by the Agencies (US\$000s)			Date of Completion		Objective
				Already approved	To be Requested in 1997	To date 31.12.96	Year of Plan (1997)	Following Years	Activity (mo/yr)	Activity (mo/yr)	
Egypt	Africa	INS	Institutional Strengthening Unit for the Montreal Protocol related activities, (Phase I), Egyptian Environmental Affairs Agency (EEAA), Egypt	263.5		263.45			12.1996	10.1998	<u>Short term:</u> To establish a national institutional mechanism (Ozone Unite, OU) within the EEAA structure for coordinating and promoting national and international efforts for the protection of the ozone layer and for facilitating actions aimed at an optimal phase-out of ODS within the country. <u>Long term:</u> Effective management and implementation of an optional phase-out program; building up local capacity for facilitating actions aimed at speedy phase-out of ODS in Egypt.
Egypt	Africa	INS	Institutional Strengthening project for the Montreal Protocol related activities (Phase II), Egyptian Environmental Affairs Agency (EEAA), Egypt	43.9	131.7	0.351	140.0	35.249	4.1998		To enable the OU (of EEAA) to continue to plan, organize, direct and coordinate all activities required for the implementation of the Egyptian Country Program including formulation and implementation of ODP phase out strategies for the various sectors.
Syria	Asia & the Pacific	INS	Strengthening the General Commission for Environmental Affairs to implement Montreal Protocol related activities, General Commission for Environmental Affairs (GCEA), Ministry of Environment, Syria	235.2		110	80	45.2	7.1997	4.1998	The principal objective of the project is to strengthen the capabilities of GCEA in order to manage the implementation of the Country Programme concerning the ODS phase out present used in the different industrial and service areas.
Macedonia	Europe	INS	Institutional Strengthening Unit for the Montreal Protocol related activities, Macedonia, Ministry of Urbanism, Civil Engineering and Environment	152.9			50	102.9	12.1999		To create a national mechanism to facilitate the phase out of ODS in accordance with the action plan entailed in the Country Programme. The manager of the mechanism has been appointed recently by the Government of Macedonia and it was communicated to UNIDO.

Table 3: NON-INVESTMENT PROJECTS (1)(2)(3)(4)

Country	Region	Type	Title ⁽⁵⁾	Project Funding (US\$000s)		Disbursement by the Agencies (US\$000s)			Date of Completion		Objective
				Already approved	To be Requested in 1997	To date 31.12.96	Year of Plan (1997)	Following Years	Activity (mo/yr)	Activity (mo/yr)	
Romania	Europe	INS	Creation of an Ozone Secretariat, Ministry of Waters, Forests and Environmental Protection (MWFEP, Romania)	168.4			59	118	11.1998	12.1999	The Ozone Secretariat will be responsible for designing, monitoring and implementing the ODS phase out strategy subject to guidelines from the Romanian Government and the MWFEP. (Political changes did not the Government of Romania to sign the agreement.)
Subtotal				863.90	131.70	373.80	329.00	301.35			
Support Cost				112.31	17.12	48.59	42.77	39.18			
Total				976.21	148.82	422.40	371.77	340.52			

(2) Include funded activities, i.e. those approved by the Executive Committee but for which financial transactions have not been completed, and planned activities, not yet submitted.

(3) In some cases, project implementation (e.g. ODS phase-out or workshop completion) may have occurred but the financial transactions may not have been completed.

(4) Non-investment Projects should be listed by type instead of sector.

(5) Include sector if applicable and not included in title.

Table 4: FUNDED INVESTMENT PROJECTS (1)(2)(3)

Country	Region	Approvals by the Executive Committee				Disbursement by the Agencies (US\$ 000s)			ODP Phase Out		
		Amount (US\$000s)	ODP to be Phased Out ⁽¹⁾	Number of Projects	Cost Effective ness (average)	To date	Year of Plan (1997)	Following years	To date (3)	Year of Plan (1997)	Following years
Algeria	Africa	8,788.7	927.7	10		6,094.7	2,401.9	292.1	430.6	342.0	185.1
Cameron	Africa	3,257.0	156.3	2		2,270.0	987.0		61.8	94.5	0.0
Cote D'Ivoire	Africa	250.2	140.0	3			155.0	98.2		63.0	87.0
Egypt	Africa	12,711.0	650.8	10		8,228.0	4,297.0	185.0	198.0	434.8	20.0
Kenya	Africa	813.4	190.3	3		304.2	309.2	0.0		190.3	0.0
Mozambique	Africa	581.5	41.0	1		12.3	232.8	336.8			41.0
Nigeria	Africa	2,513.7	130.0	2		380.7	1,987.0	149.0		130.0	0.0
Sudan	Africa	870.2	305.3	3		210.0	450.2	10.0	0.0	305.3	0.0
Tanzania	Africa	1,010.3	193.0	2		209.4	454.7	348.2		193.0	0.0
Tunisia	Africa	1,199.5	224.0	4		287.0	824.8	87.7	0.0	110.0	114.0
Zambia	Africa	82.0	17.7	1		62.0	20.0	0.0	0.0	17.7	0.0
Zimbabwe	Africa	312.0	46.5	1		287.0	45.0	0.0	0.0	46.5	0.0
								0.0			0.0
Regional Sub Total		31,989.6	3,022.6	42		18,325.3	12,164.4	1,499.8	688.4	1,917.1	417.1
Support Costs		4,168.6				2,382.3	1,581.4	198.0			0.0
Total		36,148.1	3,022.6	42		20,707.6	13,745.8	1,697.8	688.4	1,917.1	417.1

Footnotes:

- (1) Implementing agencies will only provide data for those sectors/categories for which there are funded or planned activities
- (2) Funded activities include those projects and activities approved by the Executive Committee but for which financial transactions have not been completed.
- (3) In some cases, project implementation (e.g. ODS phase-out or workshop completion) may have occurred but the financial transactions may not have been completed.

Table 4: FUNDED INVESTMENT PROJECTS ⁽¹⁾⁽²⁾⁽³⁾

Country	Region	Approvals by the Executive Committee				Disbursement by the Agencies (US\$ 000s)			ODP Phase Out		
		Amount (US\$000s)	ODP to be Phased Out ⁽⁴⁾	Number of Projects	Cost Effective- ness (average)	To date	Year of Plan (1997)	Following years	To date (3)	Year of Plan (1997)	Following years
China	Asia and the Pacific	15,267.0	2,886.0	8		1,083.0	3,393.0	10,811	1,480.0	0.0	1,408.0
India	Asia and the Pacific	1,146.0	87.1	4		866.0	280.0	0	80.8	6.3	0.0
Indonesia	Asia and the Pacific	787.0	78.0	2		352.8	434.2	0		78.0	0.0
Iran	Asia and the Pacific	14,665.0	2,357.0	3		8,755.0	5,322.0	568	85.0	2,000.0	272.0
Jordan	Asia and the Pacific	2,580.0	84.3	4		20.0	1,975.0	595	0.0	10.4	53.9
Pakistan	Asia and the Pacific	2,033.0	116.2	2		0.0	1,626.0	407	0.0	0.0	116.2
Lebanon	Asia and the Pacific	674.0	321.7	3		275.0	389.0	10	321.7		0.0
Malaysia	Asia and the Pacific							0			0.0
Syria	Asia and the Pacific	7,705.3	572.9	7		5,467.2	1,882.1	366	189.0	279.9	104.0
Vietnam	Asia and the Pacific	497.0	40.0	1		414.0	83.0	0	40.0	0.0	0.0
								0			0.0
Regional Sub Total		45,384.3	6,523.2	34		17,203.0	15,384.3	12,777	2,196.5	2,374.6	1,952.1
Support Costs		5,697.4				2,236.4	2,000.0	1,661			0.0
Total		51,081.7	6,523.2	34		19,439.4	17,384.3	14,438	2,196.5	2,374.6	1,952.1

Footnotes:

- (1) Implementing agencies will only provide data for those sectors/categories for which there are funded or planned activities
- (2) Funded activities include those projects and activities approved by the Executive Committee but for which financial transactions have not been completed.
- (3) In some cases, project implementation (e.g. ODS phase-out or workshop completion) may have occurred but the financial transactions may not have been completed.
- (4) The amount of ODP in the proposal that led to the approval.

Table 4: FUNDED INVESTMENT PROJECTS ^{(1)(2) (3)}

Country	Region	Approvals by the Executive Committee				Disbursement by the Agencies (US\$ 000s)			ODP Phase Out		
		Amount (US\$000s)	ODP to be Phased Out ⁽⁴⁾	Number of Projects	Cost Effective- ness (average)	To date	Year of Plan (1997)	Following years	To date (3)	Year of Plan (1997)	Following years
Croatia	Europe							0.0			0.0
Macedonia	Europe	1,081.7	104	1			700.0	381.7			104.0
Romania	Europe	3,369.1	1,060	5		1,260.1	1,432.3	878.7	206.7	0	653.3
Turkey	Europe	1,447.5	597	2			600.0	847.5			607.0
								0.0			0.0
								0.0			0.0
								0.0			0.0
								0.0			0.0
Regional Sub Total		6,898.3	1,761	8	0	1,260.1	2,732.3	1,905.9	206.7	0	1,554.3
Support Costs		786.8				163.8	356.2	247.8			0.0
Total		6,685.1	1,761	8	0	1,423.9	3,087.6	2,153.7	206.7	0	1,554.3

Footnotes:

- (1) Implementing agencies will only provide data for those sectors/categories for which there are funded or planned activities
- (2) Funded activities include those projects and activities approved by the Executive Committee but for which financial transactions have not been completed.
- (3) In some cases, project implementation (e.g. ODS phase-out or workshop completion) may have occurred but the financial transactions may not have been completed.
- (4) The amount of ODP in the proposal that led to the approval.

Table 4: FUNDED INVESTMENT PROJECTS ⁽¹⁾⁽²⁾⁽³⁾

Country	Region	Approvals by the Executive Committee				Disbursement by the Agencies (US\$ 000s)			ODP Phase Out		
		Amount (US\$000s)	ODP to be Phased Out ⁽⁴⁾	Number of Projects	Cost Effective- ness (average)	To date	Year of Plan (1997)	Following years	To date (3)	Year of Plan (1997)	Following years
Argentina	Latin America & the Caribbea	1,602.3	445.0	4		1,020.8	233	349	349		96.0
Barbados	Latin America & the Caribbea	165.0	14.0	1		18.0	147	0	0	14.0	0.0
Brazil	Latin America & the Caribbea	2,172.1	120.3	8		321.0	1,783	68	4	69.3	47.0
Peru	Latin America & the Caribbea	98.0	1.5	3		0.0	98	0	0	1.5	0.0
Regional Sub Total		4,035.4	680.8	16	0	1,359.8	2,259	417	353	84.8	143.0
Support Costs		524.6				176.7	294	54			0.0
Total		4,560.0	680.8	16	0	1,536.3	2,553	471	353	84.8	143.0

Footnotes:

- (1) Implementing agencies will only provide data for those sectors/categories for which there are funded or planned activities
- (2) Funded activities include those projects and activities approved by the Executive Committee but for which financial transactions have not been completed.
- (3) In some cases, project implementation (e.g. ODS phase-out or workshop completion) may have occurred but the financial transactions may not have been completed.
- (4) The amount of ODP in the proposal that led to the approval.

Table5: PROJECT PREPARATION BY COUNTRY ⁽¹⁾⁽²⁾

Country	Region	Project Preparation Funds (US\$000s)		Projects to be Submitted					
		Surplus from Previous Approvals	To be requested in 1996	Year of Plan (1997)			Carry over from 1997 ⁽³⁾		
				Number of projects	Value (US\$000s)	ODP to be Phased Out	Number of Projects	Value (US\$000s)	ODP to be Phased Out
Algeria	Africa	17.90	50.00	5	1,600	270	6	2,600	375
Benin	Africa			1	120				
Burkina Faso	Africa			1	120				
Cameroon	Africa		50.00	3	600	100			
Egypt	Africa		15.00	4	280	5			
Gambia	Africa			1	120				
Guinea	Africa		20.00	1	120				
Kenya	Africa			1	100	3			
Madagascar	Africa		25.00	1	100	10			
Morocco	Africa		22.15	2	1,000	60	1	600	
Nigeria	Africa	60.30		1	1,000	80	1	100	70
Senegal	Africa			1	120				
Tunisia	Africa		27.15	7	2,127	186	1	300	45
Regional Subtotal		78.20	209.30	29	7,407	714	9	3,600	490
Support Cost		10.17	27.21		963			468.0	
Total		88.37	236.51	29	8,370	714	9	4,068.00	490

Footnotes:

- (1) Implementing agencies will only provide data for those sectors/categories for which there are funded or planned activities
- (2) Includes project preparation advances
- (3) Projects prepared with 1996 project preparation funds but expected to be submitted in the first part of 1997
- (4) RAF: Regional Africa: Project for recovery & recycling

Table5: PROJECT PREPARATION BY COUNTRY ⁽¹⁾⁽²⁾

Country	Region	Project Preparation Funds (US\$000s)		Projects to be Submitted					
				Year of Plan (1997)			Carry over from 1997 ⁽³⁾		
		Surplus from Previous Approvals	To be requested in 1996	Number of projects	Value (US\$000s)	ODP to be Phased Out	Number of Projects	Value (US\$000s)	ODP to be Phased Out
China	Asia & the Pacific	50	182.14	9	12,500	1,060	2	3,700	370
D.R.of Korea	Asia & the Pacific		70						
India	Asia & the Pacific	20		7	940	110	4	160	40
Indonesia	Asia & the Pacific	23.7	20	5	710	120	3	320	60
Iran	Asia & the Pacific	0.5	95	5	4,600	1,327	1	800	90
Jordan	Asia & the Pacific	24.3		1	736	64			
Lebanon	Asia & the Pacific	15.0		1	1,000	70			
Malaysia	Asia & the Pacific	25.6		4	700	110	1	100	20
Pakistan	Asia & the Pacific	30		2	1,000	59			
Syria	Asia & the Pacific	18	10	3	805	195	2	480	120
Regional Subtotal		207.30	377.14	37	22,791	3,115	13	5,560	700
Support Cost		26.95	49.03		2,963			723	
Total		234.25	426.17	37	25,754	3,115	13	6,283	700

Footnotes:

- (1) Implementing agencies will only provide data for those sectors/categories for which there are funded or planned activities
- (2) Includes project preparation advances
- (3) Projects prepared with 1996 project preparation funds but expected to be submitted in the first part of 1997

Table5: PROJECT PREPARATION BY COUNTRY ⁽¹⁾⁽²⁾

Country	Region	Project Preparation Funds (US\$000s)		Projects to be Submitted					
		Surplus from Previous Approvals	To be requested in 1996	Year of Plan (1997)			Carry over from 1997 ⁽³⁾		
				Number of projects	Value (US\$000s)	ODP to be Phased Out	Number of Projects	Value (US\$000s)	ODP to be Phased Out
Bosnia and Herzogevina	Europe						1	100	20
Croatia	Europe		30	2	200	40			
Macedonia	Europe	21.7		1	1,000	160			
Turkey	Europe			1	1,000	90	2	1,200	150
Yugoslavia	Europe						1	200	30
Regional Subtotal		21.7	30	4	2,200	290	4	1,500	200
Support Cost		2.82	3.9		286			195	
Total		24.52	33.90	4	2,486	290	4	1,695	200

Footnotes:

- (1) Implementing agencies will only provide data for those sectors/categories for which there are funded or planned activities
- (2) Includes project preparation advances
- (3) Projects prepared with 1996 project preparation funds but expected to be submitted in the first part of 1997

Table5: PROJECT PREPARATION BY COUNTRY ⁽¹⁾⁽²⁾

Country	Region	Project Preparation Funds (US\$000s)		Projects to be Submitted					
		Surplus from Previous Approvals	To be requested in 1996	Year of Plan (1997)			Carry over from 1997 ⁽³⁾		
				Number of projects	Value (US\$000s)	ODP to be Phased Out	Number of Projects	Value (US\$000s)	ODP to be Phased Out
Argentina	Latin America & the Caribbean		32.14	1	1,000	75	2	1,000	40
Brazil	Latin America & the Caribbean		57.14	2	2,098	100	1	800	70
Colombia	Latin America & the Caribbean		7.14				1	600	
Guatemala	Latin America & the Caribbean		7.14	1	671				
Guyana	Latin America & the Caribbean			1	600	15			
Honduras	Latin America & the Caribbean		30				2	200	30
Mexico	Latin America & the Caribbean								
Nicaragua	Latin America & the Caribbean		50	1	500	40	2	200	30
Venezuela	Latin America & the Caribbean		30	3	1,500	180	1	800	60
Regional Subtotal			213.56	9	6,369	410	9	3,600	230
Support Cost			27.8		828			468	
Total			241.32	9	7,197	410	9	4,068	230

Footnotes:

- (1) Implementing agencies will only provide data for those sectors/categories for which there are funded or planned activities
- (2) Includes project preparation advances
- (3) Projects prepared with 1996 project preparation funds but expected to be submitted in the first part of 1997
- (4) LPG Pilot Plant

INVESTMENT PROJECTS

1/18/97

Table 1: FUNDED INVESTMENT PROJECTS BY SECTOR ^{(1) (2) (3)}

Sector	Sub-Sector	No. of Countries	Approvals by the Executive Committee				Disbursement by the Agencies			ODP Phase Out		
			Amount (1000 US\$)	ODP to be Phased Out (4)	Number of Projects	Cost Effective- ness (average)	To date	Planned		Actual To-date (3)	Planned	
								Year of Plan (1997)	Following years		Year of Plan (1997)	Following years
Aerosol		11	4,440.3	2,229.5	18	2.00	1,026.0	2,704.0	710.3	0.0	1,039.5	190.0
Foam	General											0.0
Foam	Flex PU	6	1,139.5	273.0	6	4.10	1.9	744.4	383.8	0.0	108.0	185.0
Foam	Integral Skin	3	750.3	121.0	3	6.20	471.6	278.7	0.0	0.0	121.0	0.0
Foam	PS/PE	4	2,505.3	841.0	5	3.90	1,924.6	232.8	348.1	545.0	0.0	98.0
Foam	Rigid PU	4	5,359.9	1,949.0	6	3.00	1,059.3	3,320.6	980.0	0.0	1,576.0	373.0
Halon	Recycl. & banking								0.0			0
Halon	Non-Recycling	1	488.0	1,480.0	1	0.34	277.0	219.0	0.0	1,480.0	0.0	0.0
Refrigeration	Commercial	4	1,523.0	117.4	4	25.75	415.0	904.0	204.0	40.0	10.5	68.9
Refrigeration	Domestic	5	3,447.5	331.5	5	10.39	1,456.8	1,609.0	381.7	0.0	227.5	104.0
Refrigeration	Domestic (HC)	11	57,578.2	4,509.4	25	12.77	30,132.9	18,115.9	9,329.4	987.5	1,470.5	2,071.4
Refrigeration	MACs & Compressors	2	6,698.0		5		0.0	2,447.0	4,251.0	0.0	0.0	0.0
Refrigeration	Recycling	3	559.0	78.2	3	7.15	347.0	212.0	0.0	0.0	78.2	0.0
Solvent	CFC-113	3	1,530.9	108.5	7.0	14.11	1,012.0	516.9	0.0	86.4	22.1	0.0
Solvent	TCA	3	1,258.0	48.8	11	25.78	77.0	1,181.0	0.0	4.0	44.8	0.0
Several Sectors									0.0			0.0
Production									0.0			0.0
Sub Total		60	87,286.9	11,887.3	100	N/A	38,200.8	32,467.1	16,699.0	3,122.9	4,898.1	4,088.3
Support Cost			11,347.3				4,966.1	4,223.3	2,157.9			0.0
Total		60	98,634.2	11,887.3	100	N/A	43,166.9	36,710.4	18,756.9	3,122.9	4,898.1	4,088.3

Table 2: PROJECT PREPARATION (1)(2)

Sector	Sub-Sector	No. of Countries	Project Preparation Funds (US\$ 000s)		Projects to be Submitted					
			(Estimate) Surplus from Previous Approvals (as at 30 September 1996)	To be requested in 1997	Year of Plan (1997)			Carry over from 1997		
					Number of projects	Value (US\$000s)	ODP to be Phased Out	Number of Projects	Value (US\$000s)	ODP to be Phased Out
Aerosol		7	52.90	45	12	2,050	490	8	1,560	390
Foam	General	6		120	9	3,300	450	8	1,800	230
Foam	Flexible Polyurethane	10	74.20	205	13	4,805	825	11	2,500	310
Foam	Integral Skin							1	200	40
Foam	Polystyrene/Polyethylene									
Foam	Rigid Polyurethane	1			1	1,000	90	1	500	80
Halon	Recycling									
Halon	Non-Recycling									
Refrigeration	Commercial	3	24.90	100	4	4,036	1001	1	800	70
Refrigeration	Domestic	1			1	600	15			
Refrigeration	Domestic (hydrocarbon)	6	75.30	210	9	12,700	975	4	4,000	370
Refrigeration	MACs and Compressors	2		100	3	3,300	530	1	1,200	170
Refrigeration	Recycling	8		25	6	800		1	200	
Solvent	CFC-113	4	30.00	10	11	2,220	125			
Solvent	TCA	2		15	5	380	8			
Methylisomide		7		50	4	2,546		3	2,000	
Other	Tobacco expansion	1	50.00		1	1,000	50			
Unforeseen project preparation activities				139						
Subtotal			307.30	1019	79	38,837	4559	37	14,560	1660
Support Cost			39.95	132		5,049			1892.8	
Total			347.25	1151	79	43,886	4559	37	16452.8	1660

Footnotes:

- (1) Implementing agencies will only provide data for those sectors/categories for which there are funded or planned activities
 (2) Includes project preparation advances.