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EXECUTIVE COMMITTEE OF  
THE MULTILATERAL FUND FOR THE  
IMPLEMENTATION OF THE MONTREAL PROTOCOL  
Fifty-seventh Meeting  
Montreal, 30 March-3 April 2009

**CONSOLIDATED 2009-2011 BUSINESS PLAN OF THE MULTILATERAL FUND**

## **EXECUTIVE SUMMARY**

1. The total value of projects planned for submission by the bilateral and multilateral implementing agencies in 2009 is US \$120.95 million, leading to the phase-out of 11,421 ODP tonnes of ODS. The overall budget for 2009 including Secretariat/Executive Committee/Treasurer costs amounts to US \$127.93 million.
2. The business plans submitted by the bilateral and multilateral implementing agencies (which include special CAP initiatives and terminal phase-out management plans) address the phase-out needs identified in the three-year phase-out plan to enable compliance by 2010 (except for some countries, which have reported their latest consumption as zero or which could access special CAP initiatives, if requested).
3. The implementing agencies included 14 new multi-year performance-based agreements with first tranches to be submitted in 2009. The first tranches are valued at a total of US \$10.82 million. The total cost of the new multi-year performance-based agreements, including the first tranches for 2009, would increase future commitments by US \$1.13 billion, of which US \$1.11 billion is for HCFC activities up until 2015.
4. The 2009-2011 business plans include bilateral projects valued at a total cost of US \$15.08 million (excluding US \$893,000 that would be submitted after 2011) of which projects valued at US \$4.74 million would be submitted in 2009.
5. In their business plans, the implementing agencies indicate that a total of 27,853 ODP tonnes of ODS would be phased out as a result of all activities if approved during the 2009-2011 triennium. Activities to be approved for 2009 alone would result in an ODS phase-out of 8,836 ODP tonnes.

## **Issues**

6. The 2009-2011 business plans exceed the budget for the triennium by US \$208 million largely due to the uncertainty associated with the costs for HCFC activities. The Secretariat has suggested that the value of annual tranches of HPMPs should take into account budgetary limitations.
7. The 2009-2011 business plans of the implementing agencies include HCFC activities valued at a total of US \$503.96 million (excluding US \$664.27 million that would be submitted after 2011). Of this, US \$38.91 million is intended for activities that will be carried out in 2009. HCFC foam and refrigeration projects will be carried out in 2009.
8. There are at least seven countries that plan to submit HCFC investment projects and/or sector plans in advance of the HPMP's containing the over-arching strategy for HCFC phase-out.
9. The 2009-2011 business plans include ODS disposal activities valued at a total of US \$22.69 million. Of this, US \$1.8 million is intended for projects that will be carried out in 2009.
10. The 2009-2011 business plans include MDI strategy activities that are not required by the compliance oriented model valued at a total of US \$64,500.

## Introduction

1. Since the adoption of the compliance oriented model/three-year ODS phase-out plan by the Executive Committee at its 38<sup>th</sup> Meeting (decision 38/66), business planning in the Multilateral Fund has been based on addressing certain amounts of ODS for specific countries during the triennium to enable compliance with the Protocol's control measures.

2. The Secretariat and the bilateral and multilateral implementing agencies began their collaborative efforts to review the plan for the 2009-2011 triennium on 26-27 January 2009 at an inter-agency coordination meeting.

3. The agencies' plans are multi-year business plans that include three years of activities and with an indication of additional activities after 2011. Activities planned for 2009 are covered in some detail, although there is less certainty with regard to those planned for 2010 and 2011 and thereafter that are not ongoing multi-year agreements (MYAs). This is particularly the case for 2010 and 2011 for HCFC phase-out and ODS disposal activities due to the uncertainty with respect to the costs for these activities. A spreadsheet that includes data compiled from the business plans is available on the Secretariat's website at [www.multilateralfund.org](http://www.multilateralfund.org).

4. The present document consists of the following sections:

Section I:	2009 Business Plans;
Section II:	2009-2011 Business Plans
Section III:	Resource Allocation
Section IV:	Implementation and Compliance
Section V:	Performance Indicators
Section VI:	Observations and Recommendations

### SECTION I: 2009 BUSINESS PLANS

5. This section presents a summary of projects planned for submission in 2009, and the extent to which countries that have been identified with a phase-out need are addressed in 2009 based on the compliance-oriented model/three-year ODS phase-out plan. It also covers several issues with respect to activities in the 2009 business plans, including those for hydrochlorofluorocarbons (HCFC), ODS disposal and MDIs.

#### Summary of activities planned in 2009

6. The total value of projects planned for submission in 2009 by the implementing agencies is US \$120.95 million, leading to the phase-out of 11,421 ODP tonnes. Their plans include:

- Ninety-six requests for 2009 funding tranches associated with ongoing MYAs valued at a total of US \$43.97 million (representing ODS phase-out of 10,130 ODP tonnes, when implemented);
- Fourteen new MYAs with a total value of US \$10.82 million in 2009 (from an estimated total of US \$27.51 million) and an associated ODS phase-out in 2009 of 893 ODP tonnes (from a total phase-out over the life of the agreements of 1,946 ODP tonnes);
- Eleven new investment projects with a total value of US \$6.76 million and an associated ODS phase-out in 2009 of 39 ODP tonnes. This includes five projects that, once implemented, will result in the total phase-out of a sector or a substance;
- Project preparation valued at US \$11.93 million;
- Institutional strengthening projects valued at US \$10.21 million;

- Technical assistance projects valued at US \$2.56 million;
- Administrative budgets for UNEP's 2010 Compliance Assistance Programme (CAP) valued at US \$9.44 million;
- Training valued at US \$77,000;
- Demonstration projects valued at US \$19.7 million; and
- Core unit costs of US \$5.49 million.

### **Planned activities in 2009 by sector**

7. Annex I presents a summary of new activities to be submitted in 2009, by sector. The table includes the value and ODS phase-out, by chemical, for all activities. The table shows that most of the ODS phase-out to be approved in 2009 is for several chemicals amounting to 750 ODP tonnes, representing funding of about US \$9.69 million. Funding at a level of US \$24.4 million has been allocated for chlorofluorocarbons (CFCs) that will lead to the phase-out of 215 ODP tonnes. Funding at a level of US \$1.88 million has been allocated for methyl bromide projects that will lead to the phase-out of 105 ODP tonnes. Funding at a level of US \$28.91 million has been allocated for HCFC projects that, if approved, would lead to the phase-out of an estimated 220 ODP tonnes. Carbon tetrachloride (CTC) and methyl chloroform (TCA) account for US \$87,200 and ODS disposal and other substances account for US \$100,000.

8. It should be noted that the activities summarized in Annex I are in addition to those associated with the implementation of the annual work programmes emanating from the approved MYAs. The resources allocated to the 2009 funding tranches are valued at a total of US \$43.97 million for the phase-out of 10,130 ODP tonnes of ODS consumption and production.

### **Resource mobilization for climate co-benefits**

9. UNDP, UNIDO and the World Bank included activities to mobilize resources for climate co-benefits. The World Bank intends to develop new methodologies to obtain funding from the Clean Development Mechanism (CDM). The Bank will develop methodologies related to low global warming potential (GWP) refrigerants and reductions of indirect emissions of high GWP chemicals. UNIDO would develop a methodology and concept in collaboration with GEF and apply it to one of its pilot projects at PETRA Co. in Jordan. UNDP expects to identify potential exemplary projects requiring co-financing of incremental climate benefits in the following areas: projects that cost more than US \$25 per tonne of CO<sub>2</sub> saved, HCFC projects that cannot be funded by the MLF, an energy efficiency project and a stand alone bank management/ODS destruction project. It would review and commission new methodologies, assess risk and financial liabilities for different carbon market trading options and identify potential buyers.

10. These requests are submitted in the light of the discussion of a possible facility for additional sources of income (UNEP/OzL.Pro/ExCom/57/64) that might be used to address non-agreed incremental costs related to climate co-benefits. The development of new methodologies for another institution is not considered to be an agreed incremental cost since such costs do not relate to the compliance requirements of the Montreal Protocol. The Executive Committee might consider these activities in the light of their specific proposals that are included in the relevant agencies' individual business plans (UNEP/OzL.Pro/ExCom/57/9, 11, and 12) and work programmes (UNEP/OzL.Pro/ExCom/57/18, 20, and 21) that have been submitted to the 57<sup>th</sup> Meeting, and the paper on the facility.

## **Country Analysis Adherence to the 2009-2011 Compliance Oriented Model/Three-year ODS Phase-out Plan**

11. This section presents a comparison, by substance and by country, between the phase-out needs identified in the 2009-2011 compliance oriented model/three-year ODS phase-out plan and the implementing agencies' business plans for 2009. The updated 2009-2011 compliance oriented model is available upon request. The compliance oriented model is the basis for the determination of activities required for compliance and those not required for compliance.

### CFCs

12. All countries with an identified need to reduce CFCs are addressed in the agencies' 2009 business plans except for Brunei Darussalam. The Executive Committee has requested the Government of Brunei Darussalam to expedite signature of the project documents to enable the implementation of the RMP and to request UNEP and UNDP to prepare and submit to the Executive Committee at its 57<sup>th</sup> Meeting an action plan for 2009 and 2010, which includes activities to enable Brunei Darussalam to achieve complete phase-out of CFCs by 2010 (Decision 56/71).

### Halon

13. Halon control needs are addressed in all countries except Iraq and Somalia. Halon consumption may be addressed in the national phase-out plans or terminal phase-out management plans that are included in the 2009 business plan for these countries.

### Methyl bromide

14. Methyl bromide control needs are addressed in the agencies' 2009 business plans for all countries except Bahamas, Barbados, Guyana, Mozambique, Tunisia, Turkmenistan and Vanuatu. No activities may be required for Bahamas, Barbados, Guyana and Turkmenistan since none of these countries had methyl bromide consumption in 2007. In 2009, all of these countries will receive special CAP assistance to address methyl bromide, except for Mozambique and Tunisia.

### CTC

15. CTC needs are often approached through a technical assistance project or a phase-out plan. However, no CTC activities were included in the business plans for Bahamas, Dominican Republic, Ecuador, Guatemala, Liberia, The Former Yugoslav Republic of Macedonia, Peru and Sierra Leone. It is possible that no CTC activities may be required in most of these countries since CTC consumption was recorded only for Sierra Leone (0.1 ODP tonnes) in 2007. CTC consumption may therefore be addressed in the national phase-out plans or terminal phase-out management plans that are included in the 2009 business plans for Sierra Leone.

### TCA

16. TCA needs are often addressed through a technical assistance project or a phase-out plan. No TCA activities have been included for the following countries: Brazil, Colombia, Dominican Republic, Ecuador, Haiti, India, Democratic People's Republic of Korea, Mexico and Trinidad and Tobago. Again, it is possible that no TCA activities may be required since, with the exception of Mexico whose latest consumption was 0.1 ODP tonne in 2007, none of these countries had TCA consumption in 2007 or 2008. Although no TCA activities have been planned in the 2009 business plans, TCA consumption may be addressed in the national phase-out plans or terminal phase-out management plans that have been included in the 2009 business plan for Haiti.

**HCFC activities**

17. All four multilateral implementing agencies have planned HCFC activities in 2009 valued at a total of US \$38.91 million. These are made up of US \$10 million in preparatory activities, US \$19.6 million for demonstration projects, US \$1.17 million for technical assistance projects and US \$8.15 million for investment projects. Most of the preparatory activities are for investment project preparation (US \$5.76 million), but agencies have also included US \$520,750 for demonstration project preparation and US \$3.72 million for HPMP project preparation. Projects approved in 2009 would lead to a phase-out of 220 ODP tonnes of HCFCs.

**ODP and value data for HCFC activities in the business plans**

18. At its 54<sup>th</sup> Meeting, the Executive Committee requested implementing agencies to include tonnage for all HCFC activities, excluding project preparation, based on current practices or any modifications subsequently approved by the Executive Committee (decision 54/5, paragraph b (ii)). Participants at the inter-agency coordination meeting were reminded of this requirement and the Secretariat subsequently commented when data were missing. All agencies have provided ODP data, except Germany and UNEP in some cases. Agencies were also asked to provide post-2011 data to include the total estimated value and ODP reductions needed to achieve the freeze and 10 per cent reduction. UNDP has assumed a 20 per cent growth rate in consumption compared to 2007 levels, with a 10 per cent drop after 2011. It therefore assumed that 30 per cent of 2007 levels would need to be funded until 2015. ODP amounts in the World Bank's 2009 business plan have been based on a 10 per cent reduction from the 2007 consumption level. The ODP and value figures in UNIDO's 2009 business plan for "After 2011" include the remaining value and ODP reduction that would be needed to meet the HCFC freeze and 10 per cent reduction.

19. For LVCs and countries with only HCFC servicing sector components in the business plan, it was suggested that in the absence of firm estimates or cost guidelines for HPMP implementation, the values in Table 13 of Annex IV of the HCFC Cost Study (UNEP/OzL.Pro/ExCom/55/47) could be used as a basis for estimates. Those costs are based on levels of consumption. For consumption below 30 metric tonnes, the estimate was US \$110,000; up to 100 tonnes, US \$250,000; up to 300 tonnes, US \$520,000; up to 500 tonnes, US \$820,000; up to 1000 tonnes, US \$1.52 million; up to 5000 tonnes, US \$6.4 million; up to 8000 tonnes, US \$10.19 million; and, above 8000 tonnes, US \$13.94 million. UNDP used these figures although it was not clear to what extent they were used by the other agencies, despite the agreement to do so at the inter-agency coordination meeting.

20. Implementing agencies indicated that the estimated values in their business plans did not include climate benefits in the absence of guidelines. The cost-effectiveness estimates used were described by the agencies as a middle ground figure between the cost-effectiveness for equivalent metric tonne amounts for the foam and refrigeration sectors. Excluding any cost-effectiveness measurements for countries with only HCFC-22 consumption and consumption below 5 ODP tonnes, the cost-effectiveness are presented in Table 1.

**Table 1****RANGE OF COST-EFFECTIVENESS FOR HCFC PHASE-OUT**

<b>Agency</b>	<b>Low</b>	<b>High</b>
UNDP	107.50	163.24
UNEP	622.22	10,000.00
UNIDO	107.50	163.24
World Bank	117.20	119.17

HCFC demonstration projects

21. At the inter-agency coordination meeting, agencies were asked to provide sufficient information on the nature of the demonstration projects in terms of the types of technologies/applications that would be demonstrated in order for the Executive Committee to choose which demonstration projects should remain in the business plans.

22. The business plans include thirteen HCFC foam demonstration projects and associated project preparation. Project preparation amounting to US \$359,500 in total would result in US \$6.85 million in projects to be submitted in 2009 and US \$1.49 million in 2010. Table 2 lists the HCFC foam demonstration projects in the business plans.

Table 2

**HCFC FOAM DEMONSTRATION PROJECTS IN THE BUSINESS PLANS**

Country	Agency	Sector / Sub-sector	Total (US \$000)	Total ODP	Project preparation (US \$000)
Argentina	UNDP	Validation of low-GWP HFCs in foams	296	0.0	0
Brazil	UNDP	Validation of methylal on foams	499	0.0	0
China	Germany	Polystyrene foam sector for HCFC-22 and HCFC-142b	200	0	80
China	World Bank	Demonstration of pre-blended hydrocarbon polyol for foam system house	1,290	60.0	86
China	World Bank	HCFC-141b with water-blown technology in integral-skin foam applications	323	20.0	32
China	World Bank	Replace HCFC-141b with liquid carbon dioxide in spray foam applications	323	20.0	32
China	World Bank	Use of hydrocarbon blowing agents in the insulation foam for solar energy water heaters	840	20.0	32
Colombia	UNDP	Validation of water in foams sector	414	0.0	0
Egypt	UNDP	Validation of low cost HCs in foams	462	0.0	32
India	UNDP	Validation project in foam	376	0.0	0
Indonesia	UNIDO	Foam sector (technology to be determined)	1,290	10.0	0
Saudi Arabia	UNIDO	Foam sector (technology to be determined)	1,613	9.0	32
Turkey	UNDP	Validation of HFO in XPS foams	414	0.0	32
<b>Total</b>			<b>8,338</b>	<b>139.0</b>	<b>360</b>

HCFC foam demonstration projects

23. With respect to timing, UNDP has indicated that it makes a distinction between the validation proposals (technical assistance), with durations of 7 to 12 months and true demonstration projects, which are expected to take two years to complete. It also indicated that these demonstrations should assist relevant countries to meet the freeze while other new foam technology may not be ready in time to assist in meeting the freeze and the 10 per cent reduction.

24. Three of the World Bank's HCFC demonstration projects will be completed by December 2010. The demonstration project for the foam system house in China is expected to be completed in July 2010. According to the World Bank, the experience gained from these projects will have direct benefits to all foam enterprises and technology providers operating in China and lessons learned will be reported to the Executive Committee through the Secretariat. UNIDO did not specify the technology for its demonstration projects. Germany indicated that its demonstration project would involve HCFC-22 and HCFC-142b.

25. The Executive Committee may wish to consider which HCFC foam demonstration projects to maintain in the business plans in the light of their value as demonstrations that could be used for the development of HPMPs, the alternative technologies being considered, and whether ODS phase-out should be associated with such demonstration projects.

*HCFC refrigeration demonstration projects*

26. The business plans include eight HCFC refrigeration demonstration projects and associated project preparation. Project preparation amounting to US \$161,250 in total would result in US \$11.97 million in projects to be submitted in 2009 and US \$3.23 million in 2010. The UNDP demonstration projects are for technology verification in the following areas (Table 3 lists the HCFC refrigeration demonstration projects in the business plans):

Table 3

**HCFC REFRIGERATION DEMONSTRATION PROJECTS IN THE BUSINESS PLANS**

Country	Agency	Sector / Sub-sector	Total (US \$000)	Total ODP	Project preparation (US \$000)
China	UNDP	Replicable project model for HCFC-22 reductions/phase-out for residential air source heat pump unit applications using HFC 410a	376	3.9	32
China	UNDP	Reciprocating compressors for cold storage	376	2.2	32
China	UNIDO	Reciprocating compressor manufacturing sector for room air-conditioners	2,096	7.0	32
China	UNIDO	Room air-conditioning sector (HFC 410a)	3,225	16.0	65
China	UNIDO	Room air-conditioning sector (HC 290)	3,225	22.0	
India	UNDP	Validation project in RAC (technology to be determined)	376	0.0	0
Indonesia	UNDP	Validation project in RAC (technology to be determined)	753	0.0	0
Jordan	UNIDO	Mini-split units (project preparation to be approved at the 57 <sup>th</sup> Meeting)	4,300	10.0	0
Nigeria	UNDP	HC for refrigeration	462	0.0	0
<b>Total</b>			<b>15,190</b>	<b>61.1</b>	<b>161</b>

27. There appears to be some potential overlap between the activities planned in China by UNDP and UNIDO especially with respect to the demonstration of alternatives using HFC 410a, as the heat pump sector is a sub-sector of the larger RAC sector that will be addressed by UNIDO in China. The UNIDO demonstration projects are significantly more expensive than those of UNDP in similar sectors.

28. The Executive Committee may wish to consider which HCFC refrigeration demonstration projects to maintain in the business plans in the light of the alternative technologies being considered and the cost of demonstration.

*HCFC solvent sector demonstration projects*

29. UNDP included two solvent sector demonstration projects in China, one related to medical devices and the second as yet undecided by the Government of China. The Executive Committee may wish to consider whether additional information is needed with respect to the second solvent demonstration project to maintain it in the business plans.



### ODS disposal demonstration projects

30. Agencies were asked to provide a rationale for requests for ODS destruction demonstration projects at the coordination meeting, including ODP estimates for the amount of ODS to be destroyed by each project. For example, it was suggested that there should be some relationship between the amounts of ODP tonnes available for destruction and the impact of the project. In some cases, the project might be able to address the total volume of known stocks available for destruction.

31. The business plans include thirty-three ODS demonstration projects and associated project preparation. Project preparation amounting to US \$1.7 million would result in US \$100,000 in projects to be submitted in 2009, US \$17.93 million in 2010 and US \$2.96 million in 2011. Table 4 lists the ODS disposal demonstration projects in the business plans.

Table 4

#### ODS DISPOSAL DEMONSTRATION PROJECTS IN THE BUSINESS PLANS

Country	Agency	Sector / Sub-sector	Total (US \$000)	Total ODP	Project preparation (US \$000)
Bolivia	UNDP	Data collections cost, logistics options for LVC countries with very small volume and storage spread out through the country.	376	37.6	32
Brazil	UNDP	Comprehensive programme for non-LVC building upon Fund R&R project.	753	75.3	43
Chile	UNIDO	Comprehensive programme.	645	60.0	65
China	UNDP	Demo on ODS Banks Mgt and Destruction.	1,505	150.5	0
China	UNIDO	Comprehensive programme.	1,613	100.0	108
Colombia	UNDP	options for optimizing storage and transport with known stocks for pre-retirement of refrigerators.	753	75.3	43
Croatia	UNIDO	Comprehensive programme.	323	15.0	32
Cuba	UNDP	Options for solutions, financing and partnerships building upon a nationally funded project for pre-retirement of refrigerators.	286	28.6	32
Democratic People's Republic of Korea	UNIDO	Comprehensive programme.	218	10.0	43
Egypt	UNDP	Project linked to a proposed GEF project for pre-retirement of refrigerators.	753	75.3	43
Ethiopia	UNIDO	Comprehensive programme.	131	5.0	32
Gabon	UNIDO	Comprehensive programme.	131	5.0	32
Ghana	UNDP	Demo on ODS Banks Mgt and Destruction	753	75.3	32
India	UNDP	Comprehensive programme for a non-LVCs for recovery of refrigerators and industrial/commercial equipment.	753	75.3	65
India	UNIDO	Comprehensive programme.	2,150	200.0	97
Indonesia	World Bank	Address disposal of ODS from illegal imports and build on experience of the earlier ODS disposal project financed by the Government of Japan as part of its bilateral contribution to the MLF.	0	60.0	54
Iran (Islamic Republic of)	UNIDO	Comprehensive programme.	538	30.0	65
Jordan	UNIDO	Inventory, regulatory review, technology assessment, procurement of incinerators, facilities for appliance destruction, and training.	436	20.0	43
Mexico	World Bank	Unwanted ODS to be collected from refrigerators and air-conditioners under the Mexico Energy efficiency appliances programme under development. Collection	0	775.0	54

Country	Agency	Sector / Sub-sector	Total (US \$000)	Total ODP	Project preparation (US \$000)
		of old domestic refrigerators, extraction of CFCs from refrigeration circuits and from insulation foam. Both CFC-12 and CFC-11 from the old units will be collected and disposed of.			
Mexico	UNIDO	Comprehensive programme.	645	40.0	86
Morocco	UNIDO	Comprehensive programme.	218	10.0	54
Nicaragua	UNIDO	Comprehensive programme.	218	10.0	43
Nigeria	UNIDO	Comprehensive programme.	860	50.0	75
Pakistan	UNIDO	Comprehensive programme.	860	50.0	43
Philippines	World Bank	address disposal of bulk CFCs and also contaminated CFCs (mix of CFC-12, HFC-134a and others) collection and transportation and involve a large number of service shops building on National CFC phase-out.	0	12.0	54
Region: ASP	Japan	Demonstration project on ODS disposal.	200	0.0	0
Serbia	UNIDO	Comprehensive programme.	860	50.0	43
South Africa	UNIDO	Comprehensive programme.	860	50.0	86
Syrian Arab Republic	UNIDO	Comprehensive programme.	436	20.0	54
The Former Yugoslav Republic of Macedonia	UNIDO	Comprehensive programme.	218	10.0	32
Turkey	UNIDO	Comprehensive programme.	538	14.0	65
Uruguay	UNDP	Data collections cost, logistics options for LVC countries with very small volume and storage spread out through the country.	376	37.6	32
Venezuela (Bolivarian Republic of)	UNIDO	Comprehensive programme.	2,150	200.0	75
Yemen	UNIDO	Comprehensive programme.	436	20.0	43
<b>Total</b>			<b>20,992</b>	<b>2,446.8</b>	<b>1,700</b>

32. The ODS demonstration activities of UNIDO and some of those of UNDP seem to include comprehensive programmes, but the extent to which these comprehensive programmes would address all of the ODS disposal needs is not clear although some tonnage estimates have been presented. The World Bank ODS disposal demonstration projects are only for project preparation and would result in funding from other sources. The Executive Committee may wish to consider which demonstration projects it might maintain in the business plans in the light of the demonstration nature of the project, the extent to which these programmes would address the country's overall ODS disposal needs, the extent to which the project builds upon existing programmes or proposed funding, and the resulting cost to the Executive Committee.

### MDI Strategy Activities

33. In their 2009 business plans, implementing agencies included MDI strategy activities valued at a total of US \$64,500 for Bolivia (US \$32,250) and Lebanon (US \$32,250). These activities are not required for compliance according to the compliance oriented model. This issue pertains to one agency and is addressed in UNDP's business plan (UNEP/OzL.Pro/ExCom/57/9).

## SECTION II: BUSINESS PLANNING FOR THE 2009-2011 TRIENNIUM

34. This section presents a summary of the activities planned for submission in 2010 and 2011, and information concerning the extent to which activities required for compliance are planned for submission

in 2010, the last year of the control measures on CFCs, halons and CTC, and in 2011 following the actual phase-out of CFCs and halons. It further addresses potential issues arising from planned activities for 2010 and 2011 including HCFC and ODS disposal projects.

### **Summary of activities planned in 2010 and 2011**

35. The total value of projects planned for submission by the bilateral and multilateral implementing agencies in 2010 and 2011 is US \$293.85 million and US \$261.41 million, respectively. Their plans include:

- Nineteen approved MYAs valued at a total of US \$7.23 million in 2010 and US \$3.25 million in 2011;
- One hundred and ninety-six new MYAs valued at a total of US \$222.59 million in 2010 and US \$232.15 million in 2011;
- Individual investment projects with a total value of US \$18.68 million in 2010 (with an associated ODS phase-out of 108 ODP tonnes) and no activity planned in 2011;
- Project preparation valued at US \$515,550 in 2010 and US \$161,250 in 2011;
- Institutional strengthening projects and renewals valued at a total of US \$6.57 million in 2010 and US \$9.86 million in 2011;
- Technical assistance projects valued at US \$3.17 million in 2010 and US \$250,000 in 2011;
- Demonstration projects valued at US \$19.69 million in 2010 and no activity planned in 2011;
- Training projects valued at US \$77,000 in 2010 and US \$77,000 in 2011;
- An administrative budget for the CAP valued at US \$9.73 million in 2010 and US \$10.02 million in 2011; and
- Core unit costs of US \$5.61 million in 2010 and US \$5.72 million in 2011.

### **HCFC multi-year and investment projects**

36. The business plans indicate that HCFC activities are expected to represent most of the resources required in 2010 and 2011. Total HCFC activities in the business plan are valued at US \$239.55 million in 2010 and US \$225.5 million in 2011.

37. HCFC phase-out included in the business plans amounts to 1,765 ODP tonnes in 2010 and 1,674 ODP tonnes in 2011. The total tonnage included in the business plans (including the amounts specified after 2011) amounts to 11,056 ODP tonnes. HCFC consumption in all Article 5 countries that are eligible for funding was 29,399 ODP tonnes in 2007.

### **HCFC investment activities to be submitted in advance of the HPMP overarching strategy**

38. The implementing agencies clarified that they had included both individual investment projects and sector plans in the category of HCFC investment and that in the case of countries with multiple manufacturers these would likely be submitted in advance of the strategy. In the case of China, the schedule included a polyurethane foam project by the end of 2009, other sectors (including the production sector) by the end of 2010, and an overarching strategy by the end of 2010 or 2011. UNDP confirmed that the sector plans in China would be related to the overarching strategy because the draft strategy would be completed in advance of the first submission, although that draft strategy was not expected to be

submitted at that stage to the Executive Committee. UNIDO plans to submit six sector plans in advance of the HPMPs in countries other than China. It is not clear how the agencies can address the issue requiring investment activities to relate to the HPMP and the date of submission of the HPMP set out in decision 54/39, paragraph d (ii) without at least a draft HPMP being available for consideration.

39. The Executive Committee decided, in decision 54/39, that HCFC investment projects could be implemented in parallel with HPMP preparation in order to enable Article 5 countries to meet their phase-out obligations in 2013 and 2015. The issue of how far in advance activities could be approved before the completion of a plan was not addressed in that decision. Unlike demonstration projects called for in decision 55/43, paragraphs (e) (iii) and (f), individual projects and sector plans are intended to phase out sectors as part of an overall plan. The issue in the HPMP guidelines concerns the timing of the submission of the HPMP versus timing of the sector plan and how they relate to each other, the Secretariat would need to see a draft HPMP before approving individual sector plan projects. This issue is also important given the fact that the concept behind the HPMP was that it should be submitted as a total funding request and only in exceptional cases should investment projects be considered in advance of the overarching strategy of the HPMP. The Executive Committee may wish to consider requesting that investment projects and sector plans should be submitted in the context of a draft HPMP.

### **ODS destruction projects**

40. In addition to the US \$1.8 million for ODS disposal activities in 2009, agencies have included US \$17.93 million for activities in 2010 and US \$2.96 million in 2011. All of this funding is requested by UNDP, UNIDO and the World Bank, with the exception of US \$200,000, which has been requested for the Japanese demonstration projects. At its 20<sup>th</sup> Meeting, the Parties decided: “To request the Executive Committee of the Multilateral Fund to consider as a matter of urgency commencing pilot projects that may cover the collection, transport, storage and destruction of ozone-depleting substances. As an initial priority, the Executive Committee might consider projects with a focus on assembled stocks of ozone-depleting substances with high net global warming potential, in a representative sample of regionally diverse Parties operating under paragraph 1 of Article 5. It is understood that this initial priority would not preclude the initiation of other types of pilot projects, including on halons and carbon tetrachloride, should these have an important demonstration value. In addition to protecting the ozone layer, these projects will seek to generate practical data and experience on management and financing modalities, achieve climate benefits, and would explore opportunities to leverage co-financing;” (decision XX/7, paragraph 2).

### **Multi-year performance-based agreements with annual tranches**

41. Table 5 summarizes the estimated values of the existing and planned MYAs for the annual tranches for 2009, 2010, 2011, and beyond. Based on the information provided in the bilateral and multilateral implementing agencies’ 2009-2011 business plans, a total of US \$1.19 billion is planned for MYAs. Of this, US \$5.68 million is already scheduled for disbursement after 2009-2011 and an additional US \$666.7 million is requested to be disbursed after 2009-2011 through new projects.

Table 5

**APPROVED AND PLANNED MULTI-YEAR AGREEMENTS**  
(US \$000s)

Agency	EXISTING ANNUAL TRANCHES				PLANNED ANNUAL TRANCHES				TOTAL EXISTING AND PLANNED
	(Approved in Principle)				(To be Submitted)				
	2009	2010	2011	After 2011	2009	2010	2011	After 2011	
Canada	429	559							987
France	495								495
Germany	869	45	200			2,875	2,525		6,514
Italy	153								153
Spain		893		893					1,786
UNDP	6,322	672	203	59	511	69,000	68,489	126,715	271,971
UNEP	3,444	186	27		1,172	15,782	2,555	23,035	46,201
UNIDO	5,581	3,551	2,688	4,620	9,138	75,123	66,308	116,513	283,520
World Bank	26,676	1,320	129	106	0	59,806	92,274	400,437	580,747
<b>Total</b>	<b>43,967</b>	<b>7,226</b>	<b>3,247</b>	<b>5,678</b>	<b>10,820</b>	<b>222,586</b>	<b>232,151</b>	<b>666,700</b>	<b>1,192,374</b>

\*Including administrative support costs.

42. The bilateral and implementing agencies included 196 new MYAs, with 14 new agreements where first tranches valued at an estimated US \$10.82 million would be submitted in 2009 (see Annex II). If these agreements are approved, the Executive Committee will have additional future commitments estimated at US \$1.13 billion (including the value of the first tranche associated with the agreements). However, it should be noted that US \$1.11 billion is for HCFC activities where costs are considered to be speculative pending the development of guidelines.

43. Annex III presents the full list of MYAs that have been approved, in principle, by the Executive Committee. It shows the agreements by country, sector, agency implementing the agreement, and indicates the value of the annual tranches from 1998 up to and including 2014. The Executive Committee has approved in principle 154 agreements up to and including 2014, with an initial total value of US \$1.06 billion of which around US \$57.16 million remains to be funded from 2009. As indicated in Table 5 above, total existing and planned MYAs are valued at a total of US \$1.19 billion from 2009 and after, of which US \$672.38 million would be approved after the 2009-2011 triennium.

### **Bilateral Co-operation**

44. Table 6 shows that eight bilateral donors have submitted business plans covering activities for 2009-2011 (UNEP/OzL.Pro/ExCom/57/8). The table also indicates the maximum level of bilateral contributions for the 2009-2011 triennium for each of the bilateral agencies.

Table 6

**2009-2011 BUSINESS PLANS FOR BILATERAL AGENCIES (US\$)**

Agency	2009-2011 Business Plans				2009-2011 Triennium				
	2009	2010	2011	Total Amount in Business Plans (2009-2011)	Total Amount in Business Plans (2009)	20% Bilateral Contributions for 2009	Difference Between 2009 Business Plans and 20% Bilateral Contributions for 2009	Maximum Level of Bilateral Contributions (2009-2011)	Difference Between Total in Business Plans and the Maximum Level of Contributions (2009-2011)
Canada	485,335	615,027	0	1,100,362	485,335	963,805	-478,470	2,891,416	-1,791,054
Czech Republic	91,000	91,000	0	182,000	91,000	90,974	26	272,922	-90,922
France	979,807	0	0	979,807	979,807	2,039,952	-1,060,145	6,119,856	-5,140,049
Germany	2,554,551	5,281,000	2,975,000	10,810,551	2,554,551	2,776,808	-222,257	8,330,425	2,480,126
Hungary	80,000	80,000	0	160,000	80,000	78,995	1,005	236,985	-76,985
Italy	152,550	0	0	152,550	152,550	1,644,329	-1,491,779	4,932,987	-4,780,437
Japan	400,000	400,000	0	800,000	400,000	5,382,029	-4,982,029	16,146,086	-15,346,086
Spain	0	893,000	0	893,000	0	960,892	-960,892	2,882,675	-1,989,675
<b>Total</b>	<b>4,743,243</b>	<b>7,360,027</b>	<b>2,975,000</b>	<b>15,078,270</b>	<b>4,743,243</b>	<b>13,937,784</b>	<b>-9,194,541</b>	<b>41,813,352</b>	<b>-26,735,082</b>

45. For all bilateral agencies, with the exception of Germany, the value of planned activities is below the maximum level of bilateral contributions for the 2009-2011 triennium. Only Czech Republic and Hungary have exceeded the maximum level of bilateral contributions for 2009, but not for the 2009-2011 triennium. Germany will need to adjust its level of funding for planned activities during the 2009-2011 triennium in accordance with its maximum level of bilateral contributions. This issue is addressed in the context of the Bilateral Agencies Business Plans for 2008-2010 document (UNEP/OzL.Pro/ExCom/57/8).

**SECTION III: RESOURCE ALLOCATION**

46. Table 7 presents, by year, the funds required for new activities, approved MYAs, and allocations for standard activities that are presented for funding in the 2009-2011 triennium.

Table 7

**RESOURCE ALLOCATION (US \$000s)**

Category	2009	2010	2011	After 2011	Total
<b>Required for compliance</b>					
Approved multi-year agreements	43,967	7,226	3,247	5,678	60,118
Compliance assistance programme (CAP)	9,444	9,727	10,019	31,898	61,088
Core unit costs of implementing agencies	5,490	5,605	5,723	21,861	38,679
Institutional strengthening	10,210	6,566	9,860	18,944	45,580
Audits (TPMP)	32				32
CFC Activities	5,975	3,525	2,250	0	11,750
CTC and TCA Activities	44	0	0	0	44
Methyl Bromide Activities	218	0	0	0	218
TCA Activities	44	0	0	0	44
TPMP	2,225	1,244	240	0	3,710
HCFC - Demonstration projects	19,595	4,715	0	0	24,310
HCFC - Demonstration preparation projects	554	0	0	0	554
HCFC - Production		8,613	37,000	320,585	366,198
HCFC - Production preparation projects	218	0	161	0	379

Category	2009	2010	2011	After 2011	Total
HPMP	1,465	100,280	83,911	181,803	367,459
HPMP Preparation	3,718	192	0	0	3,911
HPMP - Investment projects	7,848	125,424	104,431	161,877	399,581
HPMP - Investment preparation projects	5,514	324	0	0	5,837
Secretariat/ExCom/Treasurer costs	6,975	7,173	7,381	7,599	29,128
<b>Sub-total (required for compliance)</b>	<b>123,535</b>	<b>280,614</b>	<b>264,223</b>	<b>750,246</b>	<b>1,418,618</b>
<b>Not required for compliance</b>					
Combating Illegal Trade	656	387			1,042
Regional Refrigeration Association	80	80			160
ODS Disposal	1,799	17,931	2,956	0	22,686
Methyl bromide - Accelerated Phase-Out	1,212	1,789	1,613	2,434	7,047
Methyl bromide - Non-investment projects	582				582
Methyl bromide without Copenhagen Amendment	0	218	0	0	218
MDI Strategies	65			0	65
<b>Sub-total (not required for compliance)</b>	<b>4,393</b>	<b>20,405</b>	<b>4,569</b>	<b>2,434</b>	<b>31,800</b>
<b>Total</b>	<b>127,927</b>	<b>301,019</b>	<b>268,792</b>	<b>752,680</b>	<b>1,450,418</b>
Proposed Budget	163,333	163,333	163,333		490,000
Difference	-35,406	137,686	105,458		207,738

47. The business plans contain a total value of funding requested for the triennium of US \$698 million, which is US \$208 million over the existing budget of US \$490 million.

48. There is some overestimation in the values in the business plan with respect to the indicative levels for servicing and HPMP preparation guidelines. Agencies have included US \$16,751,000 more for HPMPs than was indicated in the Secretariat's estimated costs for HPMPs for those countries with no HCFC-141b or 142b consumption. This amount would be mitigated if the values included for countries that were below the indicative levels (US \$4,383,000) were taken into account, which would bring about a net reduction of US \$12,590,000 in the overall budget. Similarly, the net excess value for project preparation of US \$873,500 that has been identified by the Secretariat would not likely be approved. Taken together, the overall budget for HPMPs and HPMP preparation might be overstated by at least US \$13,463,500.

49. The value of annual tranches necessary to achieve the freeze and 10 per cent reduction in the HPMP agreements will have a significant impact on the level of funds needed during this triennium and the next triennium. Experience gained during the phase out of CFCs indicates that while most agreements were frontloaded with very limited funds remaining for the last tranche, most of the funds were not disbursed until the end of the agreements. The distribution of funds for annual tranches for HPMPs should be influenced by this experience. There would likely be some association between the funding of annual tranches and the equipment purchase needs, while maintaining sufficient funds to meet the compliance targets of the freeze in 2013 and the 10 per cent reduction in 2015. The total amount of resources for HCFC activities (including after 2011) was US \$469 million, excluding project preparation and demonstration projects. Without reductions in funding for demonstration projects and activities not required for compliance, HCFC activities would have to be approved at funding levels between US \$194.5 and US \$208 million below the amounts that have been included in the business plans. The Executive Committee may wish to decide that the value of annual tranches for HCFC MYA activities should be considered in HPMP proposals in the light of the budgetary restrictions.

#### SECTION IV: IMPLEMENTATION OF ONGOING ACTIVITIES AND COMPLIANCE

50. This section addresses the implementation of ongoing activities and efforts by the implementing and bilateral agencies to address the compliance needs of Article 5 countries.

### Implementation of ongoing activities

51. Table 8 presents the ODS phase-out included in business plans for individual projects and ongoing MYAs compared with the planned ODS phase-out to be submitted for approval during the 2009-2011 triennium. The table indicates that the major effort in terms of phase-out during the triennium is associated with the implementation of projects rather than the approval of new ODS phase-out activities.

Table 8

#### PROFILE OF ODS PHASE-OUT FROM ONGOING ACTIVITIES

Agency	Phase-out from approved and committed activities				Phase-out planned (new activities)			
	2009	2010	2011	Total	2009	2010	2011	Total
UNDP	1,693.0	531.2	733.0	2,957.2	0.0	0.0	115.8	115.8
UNEP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
UNIDO	4,147.8	2,729.0	859.6	7,736.5	0.0	155.7	868.0	1,023.7
World Bank	2,995.0	13,999.5	164.7	17,159.2	0.0	842.0	810.0	1,652.0
<b>Total</b>	<b>8,835.8</b>	<b>17,259.7</b>	<b>1,757.3</b>	<b>27,852.9</b>	<b>0.0</b>	<b>997.7</b>	<b>1,793.8</b>	<b>2,791.5</b>

52. The business plans show that 27,853 ODP tonnes would be phased out from approved and ongoing activities. The agencies indicated that an additional 1,475 ODP tonnes would be phased out after 2011. The agencies have also provided sections in their business plans on expediting project implementation and/or a country-by-country review of their efforts to implement ongoing projects.

#### Compliance Assistance in Agency Business Plans

53. Implementing agencies have included planned activities with regard to those countries found to be in non-compliance. Their business plans have also addressed the status of activities in all Article 5 countries, with particular attention paid to those that were found to be in non-compliance.

### SECTION V: PERFORMANCE INDICATORS

54. Decision 41/93 established the current set of performance indicators for implementing agencies. Implementing agencies provided targets for these performance indicators in their business plans.

55. All implementing agencies have indicated in their business plans their planned efforts to assist countries to achieve compliance. UNEP included in its business plan expected missions to Article 5 countries and its special CAP services to assist countries with compliance needs. It also showed the extent to which its activities support those of other agencies.

56. Annex IV presents information on historic performance indicators as requested in decision 42/5. The remainder of Annex IV addresses investment and non-investment project indicators (2001-2005) and performance indicators that are unique to UNEP.

### SECTION VI: OBSERVATIONS ON THE BUSINESS PLANS

57. The business plans of UNDP, UNIDO and the World Bank contain funds for resource mobilization to maximize climate co-benefits primarily in HCFC activities. These activities are not considered incremental costs, but were submitted and reviewed in the respective work programmes and



could be approved under Option 1 of the Facility for additional sources of income addressed in document UNEP/OzL.Pro/ExCom/57/64, if it is adopted by the Executive Committee.

58. The Executive Committee might wish to consider which HCFC foam demonstration projects to maintain in the business plans in the light of their value as demonstrations that could be used for the development of HPMPs, the alternatives technologies being considered, and whether ODS phase-out should be associated with such demonstration projects. The Committee might consider which HCFC refrigeration demonstration projects to maintain in the business plans in the light of the alternatives technologies being considered and the cost of demonstration. Concerning HCFC solvent demonstration projects, the Committee might also consider if additional information is needed to maintain funding for a demonstration project that has not yet been determined.

59. To enable the Executive Committee to evaluate individual and sector plans addressing HCFCs, the Committee might request implementing agencies to submit them in the context of a draft HPMP.

60. The Executive Committee might consider, in the light of decision XX/7 of the 20<sup>th</sup> MOP, which ODS disposal demonstration projects it might maintain in the business plan. Account needs to be taken of the demonstration nature of the project, the extent to which these programmes would address the country's overall ODS disposal needs, the extent to which the project builds upon existing programmes or proposed funding, and the resulting cost to the Executive Committee

61. For all Article 5 countries to comply with ODS control measures, implementing agencies will need to expedite project implementation, since a phase-out of 27,853 ODP tonnes is still to be achieved from approved projects and ongoing MYAs, of which 8,836 ODP tonnes would be phased out in 2009.

## RECOMMENDATIONS

62. The Executive Committee may wish to:

- (a) Note:
  - (i) The Consolidated 2009-2011 Business Plan of the Multilateral Fund as contained in UNEP/OzL.Pro/ExCom/55/7;
  - (ii) That the business plans contain values exceeding the budget for the triennium due largely to the uncertainty in the costing of HCFC activities;
- (b) Consider:
  - (i) Resource mobilization;
  - (ii) HCFC foam demonstration projects;
  - (iii) HCFC refrigeration demonstration projects;
  - (iv) HCFC solvent demonstration projects;
  - (v) ODS disposal demonstration projects;
- (c) Request that requests for HCFC investment projects and sector plans should be submitted in the context of a draft HPMP;

- (d) Decide that the value of annual tranches for HCFC MYA activities should be considered in HPMP proposals in the light of budgetary restrictions;
- (e) Urge bilateral and multilateral implementing agencies to continue their efforts to implement approved projects to ensure the expected phase-out of 8,836 ODP tonnes in 2009.

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**Annex I**

**SUMMARY OF NEW ACTIVITIES TO BE SUBMITTED IN 2009 BY SECTOR**

Type	Chemical	Sector	Value (\$000) in 2009	ODP in 2009
Investment	CFC	Phase-Out Plan	2,767	32
	<b>CFC Total</b>		<b>2,767</b>	<b>32</b>
	HCFC	HCFC	8,148	45
	<b>HCFC Total</b>		<b>8,148</b>	<b>45</b>
	Methyl Bromide	Fumigant	1,293	105
	<b>Methyl Bromide Total</b>		<b>1,293</b>	<b>105</b>
	Several	Phase-Out Plan	5,375	750
<b>Several Total</b>		<b>5,375</b>	<b>750</b>	
<b>Investment Total</b>			<b>17,583</b>	<b>932</b>
Non-Investment	CFC	MDI	65	
		Several	21,567	183
	<b>CFC Total</b>		<b>21,632</b>	<b>183</b>
	CTC/TCA	Solvent	44	1
	<b>CTC/TCA Total</b>		<b>44</b>	<b>1</b>
	Disposal	Disposal of ODS	100	
	<b>Disposal Total</b>		<b>100</b>	
	HCFC	HCFC	20,760	175
	<b>HCFC Total</b>		<b>20,760</b>	<b>175</b>
	Methyl Bromide	Fumigant	582	
	<b>Methyl Bromide Total</b>		<b>582</b>	
	Several	Several	4,312	0
<b>Several Total</b>		<b>4,312</b>	<b>0</b>	
TCA	Solvent	44	1	
<b>TCA Total</b>		<b>44</b>	<b>1</b>	
<b>Non-Investment Total</b>			<b>47,473</b>	<b>359</b>
<b>Grand Total</b>			<b>65,055</b>	<b>1,291</b>



## Annex II

## NEW MULTI-YEAR ACTIVITIES

Country	Agency	Type	Chemical	Sector / Sub-Sector	Value (\$000) in 2009	ODP in 2009	Value (\$000) in 2010	ODP in 2010	Value (\$000) in 2011	ODP in 2011	Value (\$000) After 2011	ODP After 2011
Afghanistan	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			200	1.3	200		200	
Albania	UNIDO	PHA	HCFC	HPMP	0	0.0	108	0.5	108	0.5	215	1.0
Algeria	UNIDO	PHA	HCFC	HPMP	0	0.0	430	2.0	860	4.0	1,075	5.0
Angola	UNDP	PHA	CFC	Terminal Phaseout Management Plan	140	4.3	140	4.3			0	0.0
Angola	UNEP	PHA	CFC	Terminal Phase out Management Plan (implementation)	155	4.6	110					
Angola	UNDP	INV	HCFC	Investment proj./Sector Plans			280	1.1	280	1.1	0	0.0
Antigua and Barbuda	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			100	0.2			100	
Argentina	UNIDO	PHA	HCFC	HPMP	0	0.0	1,613	8.0	1,613	8.0	3,225	16.0
Argentina	UNIDO	INV	HCFC	Room air-conditioning sector	1,075	10.0	5,375	50.0	0	0.0	0	0.0
Argentina	UNDP	INV	HCFC	Sector plan Foam			1,105	10.3	1,105	10.3	2,209	20.6
Armenia	UNDP	INV	HCFC	Investment proj./Sector Plans			134	0.7	134	0.7	0	0.0
Armenia	UNEP	TAS	HCFC	HCFC Phase-out Management Plan (implementation)			150	1.1	100			
Bahrain	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)	150	0.8	100					
Bahrain	UNIDO	PHA	HCFC	HPMP	0	0.0	134	1.0	134	1.0	269	2.0
Bangladesh	UNDP	INV	HCFC	Investment proj./Sector Plans			298	2.8	298	2.8	597	5.6
Barbados	UNDP	PHA	CFC	Terminal Phaseout Management Plan	79	0.8	79	0.8			0	0.0
Barbados	UNEP	PHA	CFC	Terminal Phase out Management Plan (implementation)			83	0.8	83			
Barbados	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			150	0.7			100	
Belize	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			100	0.2			100	
Benin	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			250	0.1			250	
Bhutan	UNDP	INV	HCFC	Investment proj./Sector Plans			35	0.0	35	0.0	0	0.0
Bhutan	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			150	0.0			150	
Bolivia	Germany	INV	HCFC	HPMP activities			125		125			

## Annex II

Country	Agency	Type	Chemical	Sector / Sub-Sector	Value (\$000) in 2009	ODP in 2009	Value (\$000) in 2010	ODP in 2010	Value (\$000) in 2011	ODP in 2011	Value (\$000) After 2011	ODP After 2011
Bolivia	UNDP	INV	HCFC	Investment proj./Sector Plans Foams			168	0.4	168	0.4	0	0.0
Bosnia and Herzegovina	UNIDO	PHA	HCFC	HPMP	0	0.0	108	0.5	108	0.5	215	1.0
Brazil	Germany	INV	HCFC	HPMP activities			700		700			
Brazil	UNDP	INV	HCFC	Investment proj./Sector Plans			11,211	104.3	11,211	104.3	22,422	208.6
Brunei Darussalam	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			150	0.1			150	
Burkina Faso	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			150	1.0			150	
Burundi	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			150	0.3			150	
Cambodia	UNDP	INV	HCFC	Investment proj./Sector Plans			264	1.6	264	1.6	0	0.0
Cambodia	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			150	0.8			150	
Cameroon	UNIDO	PHA	HCFC	HPMP	0	0.0	108	0.5	108	0.5	215	1.0
Cape Verde	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			100	0.0			100	
Central African Republic	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			100	0.1			100	
Chad	UNDP	INV	HCFC	Investment proj./Sector Plans			35	0.0	35	0.0	0	0.0
Chad	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			150	0.0			150	
Chile	UNDP	INV	HCFC	Investment proj./Sector Plans			510	4.7	510	4.7	1,019	9.5
Chile	UNIDO	PHA	MBR	Fumigants	0	0.0	538	30.0	1,075	70.0	1,075	70.0
China	UNIDO	DEM	Disposal	Pilot project for the destruction of ODSs	0	0.0	806	50.0	806	50.0	0	0.0
China	Germany	INV	HCFC	HPMP activities			500		500			
China	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			1,500		1,500		11,000	
China	IBRD	INV	HCFC	Foam Phaseout Plan			45,000	500.0	45,000	500.0	54,000	600.0
China	UNDP	INV	HCFC	Inv. proj./Sect. Plan (RAC)			19,198	223.2	19,198	223.2	38,397	446.5
China	UNDP	INV	HCFC	Inv. proj./Sect. Plan (Solvents)			9,599	111.6	9,599	111.6	19,198	223.2
China	UNIDO	PHA	HCFC	HPMP for the Room AC sector	0	0.0	16,125	82.0	16,125	82.0	32,250	165.0
China	IBRD	INV	PRO HCFC	HCFC Gradual Production Phaseout			5,000		35,000	0.0	310,000	4,500.0
Colombia	UNDP	INV	HCFC	Investment proj./Sector Plans			1,495	13.9	1,495	13.9	2,990	27.8

Country	Agency	Type	Chemical	Sector / Sub-Sector	Value (\$000) in 2009	ODP in 2009	Value (\$000) in 2010	ODP in 2010	Value (\$000) in 2011	ODP in 2011	Value (\$000) After 2011	ODP After 2011
Comoros	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			100	0.0			100	
Congo	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			250	0.1			250	
Cook Islands	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			100	0.0			100	
Costa Rica	UNDP	INV	HCFC	Investment proj./Sector Plans			280	2.4	280	2.4	0	0.0
Cote d'Ivoire	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			500	2.2			500	
Croatia	UNIDO	PHA	HCFC	HPMP	0	0.0	430	4.0	215	2.0	215	2.0
Cuba	UNDP	INV	HCFC	Investment proj./Sector Plans			93	0.9	93	0.9	186	1.7
Democratic People's Republic of Korea	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			200	1.0	200			
Democratic People's Republic of Korea	UNIDO	PHA	HCFC	HPMP	0	0.0	806	4.0	806	4.0	1,720	8.0
Democratic Republic of the Congo	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			200	0.9			200	
Djibouti	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			150	0.1			150	
Dominica	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			100	0.0			100	
Dominican Republic	UNDP	INV	HCFC	Investment proj./Sector Plans			550	5.1	550	5.1	1,100	10.2
Ecuador	IBRD	PHA	HCFC	HCFC phaseout plan			108	0.0	161	0.0	93	3.0
Egypt	UNIDO	PHA	HCFC	HPMP	0	0.0	4,085	19.0	4,085	19.0	8,170	38.0
El Salvador	UNDP	INV	HCFC	Investment proj./Sector Plans			441	2.5	441	2.5	0	0.0
Equatorial Guinea	UNEP	PHA	CFC	Refrigeration Training programme / workshop	120		85					
Equatorial Guinea	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			100	0.1			100	
Fiji	UNDP	INV	HCFC	Investment proj./Sector Plans			81	0.4	81	0.4	0	0.0
Gabon	UNDP	INV	HCFC	Investment proj./Sector Plans			81	0.4	81	0.4	0	0.0

Annex II

Country	Agency	Type	Chemical	Sector / Sub-Sector	Value (\$000) in 2009	ODP in 2009	Value (\$000) in 2010	ODP in 2010	Value (\$000) in 2011	ODP in 2011	Value (\$000) After 2011	ODP After 2011
Gabon	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			150	1.0			150	
Gambia	UNDP	INV	HCFC	Investment proj./Sector Plans			59	0.0	59	0.0	0	0.0
Gambia	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			150	0.0			150	
Georgia	UNDP	INV	HCFC	Investment proj./Sector Plans			134	0.3	134	0.3	0	0.0
Ghana	UNDP	INV	HCFC	Investment proj./Sector Plans			441	2.9	441	2.9	0	0.0
Grenada	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			100	0.1			100	
Guatemala	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			165	0.5	115			
Guatemala	UNIDO	PHA	MBR	Fumigants phase-out plan, 2nd phase	1,075	100.0	538	50.0	538	50.0	1,359	120.6
Guinea	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			150	0.3			150	
Guinea-Bissau	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			150	0.0			150	
Guyana	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			100	0.1			150	
Haiti	UNDP	PHA	CFC	Terminal Phaseout Management Plan	152	6.3	152	6.3			0	0.0
Haiti	UNEP	PHA	CFC	Terminal Phase out Management Plan (implementation)			157	6.3	157			
Haiti	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)					100	0.1	50	
Honduras	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			185	1.1			185	
Honduras	UNIDO	PHA	HCFC	HPMP	0	0.0	161	1.0	161	1.0	323	2.0
India	UNIDO	DEM	Disposal	Pilot project for the destruction of ODSs	0	0.0	1,075	100.0	1,075	100.0	0	
India	UNDP	INV	HCFC	Investment proj./Sector Plans			6,390	59.4	6,390	59.4	12,781	118.9
India	Germany	PHA	HCFC	HPMP activities			500		500			
India	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			250	4.8			250	
India	UNIDO	INV	HCFC	Transportation refrigeration	538	5.0	1,075	10.0	0	0.0	0	0.0
India	IBRD	PHA	PRO HCFC	HCFC Gradual Production Phaseout			2,000	0.0	2,000	0.0	10,585	221.0
Indonesia	UNDP	INV	HCFC	Investment proj./Sector Plans			1,735	16.1	1,735	16.1	3,471	32.3
Indonesia	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			250	2.4			250	



Country	Agency	Type	Chemical	Sector / Sub-Sector	Value (\$000) in 2009	ODP in 2009	Value (\$000) in 2010	ODP in 2010	Value (\$000) in 2011	ODP in 2011	Value (\$000) After 2011	ODP After 2011
Indonesia	IBRD	PHA	HCFC	HCFC Foam Sector Plan			4,000	50.0	4,000	50.0	4,000	50.0
Iran (Islamic Republic of)	Germany	INV	HCFC	HPMP activities			700		500			
Iran (Islamic Republic of)	UNDP	INV	HCFC	Investment proj./Sector Plans			1,078	10.0	1,078	10.0	2,156	20.1
Iran (Islamic Republic of)	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			250	1.3			250	
Iraq	UNEP	PHA	CFC	Refrigeration Training programme / workshop	600		300		100			
Iraq	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			400	2.3			350	
Iraq	UNIDO	PHA	HCFC	HPMP	0	0.0	645	3.0	1,075	5.0	1,613	7.0
Iraq	UNIDO	PHA	SEV	ODS phase-out plan	5,375	750.0	3,225	450.0	2,150	300.0	0	0.0
Jamaica	UNDP	INV	HCFC	Investment proj./Sector Plans			59	0.2	59	0.2	0	0.0
Jordan	UNIDO	PHA	HCFC	HPMP	0	0.0	538	3.0	538	3.0	1,075	5.0
Kiribati	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			100	0.0			100	
Kuwait	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			500	4.5			500	
Kuwait	UNIDO	PHA	HCFC	HPMP	0	0.0	1,613	8.0	806	8.0	1,720	16.0
Kyrgyzstan	UNDP	INV	HCFC	Investment proj./Sector Plans			59	0.2	59	0.2	0	0.0
Lao People's Democratic Republic	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			150	0.4			150	
Lebanon	UNDP	INV	HCFC	Investment proj./Sector Plans			161	1.5	161	1.5	323	3.0
Libyan Arab Jamahiriya	UNIDO	PHA	HCFC	HPMP	0	0.0	1,290	6.0	806	6.0	1,720	12.0
Madagascar	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			250	0.5			250	
Malawi	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			100	0.7			100	
Malaysia	UNDP	INV	HCFC	Investment proj./Sector Plans			3,338	31.1	3,338	31.1	6,676	62.1
Malaysia	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			250	2.4			250	
Maldives	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			100	1.1			100	
Mali	UNDP	INV	HCFC	Investment proj./Sector Plans			35	0.1	35	0.1	0	0.0

## Annex II

Country	Agency	Type	Chemical	Sector / Sub-Sector	Value (\$000) in 2009	ODP in 2009	Value (\$000) in 2010	ODP in 2010	Value (\$000) in 2011	ODP in 2011	Value (\$000) After 2011	ODP After 2011
Mali	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			150	0.3			150	
Marshall Islands	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			100	0.4			100	
Mauritania	UNDP	INV	HCFC	Investment proj./Sector Plans			35	0.1	35	0.1	0	0.0
Mauritania	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			250	0.3			250	
Mexico	IBRD	DEM	Disposal	Pilot ODS disposal project	0			100.0		135.0		540.0
Mexico	UNIDO	PHA	HCFC	HPMP	0	0.0	6,988	36.0	6,988	36.0	13,975	72.0
Mexico	UNDP	INV	HCFC	Sector plan Foam			5,745	53.4	5,745	53.4	11,489	106.9
Mexico	UNIDO	INV	HCFC	Refrigeration manufacturing sector	0	0.0	3,225	30.0	3,225	30.0	0	0.0
Micronesia (Federated States of)	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			100	0.4			100	
Mongolia	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			100	0.2			100	
Montenegro	UNIDO	PHA	HCFC	HPMP	0	0.0	108	0.5	108	0.5	215	1.0
Morocco	UNIDO	PHA	HCFC	HPMP	0	0.0	430	2.0	430	2.0	1,075	5.0
Morocco	UNDP	INV	HCFC	Investment proj./Sector Plans Foams			67	0.6	67	0.6	134	1.2
Mozambique	UNDP	INV	HCFC	Investment proj./Sector Plans			35	0.1	35	0.1	0	0.0
Mozambique	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			150	0.3			150	
Myanmar	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			150	0.6			150	
Nauru	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			100	0.0			100	
Nepal	UNDP	INV	HCFC	Investment proj./Sector Plans			35	0.1	35	0.1	0	0.0
Nepal	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			150	0.3			150	
Nicaragua	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			100	0.0			50	
Nicaragua	UNIDO	PHA	HCFC	HPMP	0	0.0	108	0.5	108	0.5	215	1.0
Niger	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			150	0.2			150	
Niger	UNIDO	PHA	HCFC	HPMP	0	0.0	108	0.5	108	0.5	215	1.0
Nigeria	UNDP	INV	HCFC	Investment proj./Sector Plans			542	5.0	542	5.0	1,083	10.1
Nigeria	UNIDO	PHA	HCFC	HPMP	0	0.0	452	2.5	452	2.5	968	5.0

Country	Agency	Type	Chemical	Sector / Sub-Sector	Value (\$000) in 2009	ODP in 2009	Value (\$000) in 2010	ODP in 2010	Value (\$000) in 2011	ODP in 2011	Value (\$000) After 2011	ODP After 2011
Nigeria	UNIDO	INV	HCFC	Refrigeration manufacturing sector	1,075	5.0	1,075	5.0	0	0.0	0	0.0
Oman	UNIDO	PHA	HCFC	HPMP	0	0.0	108	0.5	108	0.5	215	1.0
Pakistan	UNIDO	PHA	HCFC	HPMP	0	0.0	860	4.0	860	4.0	1,720	8.0
Palau	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			100	0.0			100	
Panama	UNDP	INV	HCFC	Investment proj./Sector Plans			122	1.1	122	1.1	243	2.3
Paraguay	UNDP	INV	HCFC	Investment proj./Sector Plans			168	1.4	168	1.4	0	0.0
Peru	UNDP	INV	HCFC	Investment proj./Sector Plans			490	3.9	490	3.9	0	0.0
Philippines	IBRD	PHA	HCFC	HCFC phaseout plan			860	0.0	1,075	19.0	2,656	20.0
Qatar	UNIDO	PHA	HCFC	HPMP	0	0.0	118	0.8	118	0.8	237	1.2
Republic of Moldova	UNDP	INV	HCFC	Investment proj./Sector Plans			134	0.3	134	0.3	0	0.0
Rwanda	UNDP	INV	HCFC	Investment proj./Sector Plans			35	0.1	35	0.1	0	0.0
Rwanda	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			250	0.1			250	
Saint Kitts and Nevis	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			100	0.1			50	
Saint Lucia	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			100	0.0			50	
Saint Vincent and the Grenadines	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			100	0.0			50	
Samoa	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			100	0.0			100	
Sao Tome and Principe	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			100	0.0			100	
Saudi Arabia	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			750	12.0			500	
Saudi Arabia	UNIDO	PHA	HCFC	HPMP	0	0.0	4,193	20.0	4,085	20.0	8,170	40.0
Senegal	UNIDO	PHA	HCFC	HPMP	0	0.0	108	0.5	108	0.5	215	1.0
Serbia	UNIDO	PHA	HCFC	HPMP	0	0.0	108	0.5	108	0.5	215	1.0
Sierra Leone	UNDP	PHA	CFC	Terminal Phaseout Management Plan	140	2.9	140	2.9			0	0.0
Sierra Leone	UNEP	PHA	CFC	Terminal Phase out Management Plan (implementation)	147	2.9	147	2.9				
Sierra Leone	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			150	0.4			150	

## Annex II

Country	Agency	Type	Chemical	Sector / Sub-Sector	Value (\$000) in 2009	ODP in 2009	Value (\$000) in 2010	ODP in 2010	Value (\$000) in 2011	ODP in 2011	Value (\$000) After 2011	ODP After 2011
Solomon Islands	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			100	0.2			100	
Somalia	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			250	0.5			250	
South Africa	UNIDO	PHA	HCFC	HPMP	0	0.0	3,333	15.0	3,333	15.0	6,665	30.0
Sri Lanka	UNDP	INV	HCFC	Investment proj./Sector Plans			121	1.1	121	1.1	242	2.3
Sri Lanka	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			150	1.0			150	
Sri Lanka	IBRD	PHA	HCFC	HCFC Refrigeration and A/C sector plan	0		150	0.0	200	1.0	200	2.0
Sudan	UNIDO	PHA	HCFC	HPMP	0	0.0	108	0.5	108	0.5	215	1.0
Suriname	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			150	0.6			100	
Swaziland	UNDP	INV	HCFC	Investment proj./Sector Plans			210	0.6	210	0.6	0	0.0
Swaziland	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			150	0.4			150	
Syrian Arab Republic	UNIDO	PHA	HCFC	HPMP	0	0.0	430	2.0	430	2.0	860	4.0
Thailand	IBRD	PHA	HCFC	HCFC phaseout plan			2,150	0.0	3,763	95.0	16,941	100.0
The Former Yugoslav Republic of Macedonia	UNIDO	PHA	HCFC	HPMP	0	0.0	108	0.5	108	0.5	215	1.0
Timor Leste	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			150				150	
Togo	UNDP	INV	HCFC	Investment proj./Sector Plans			81	0.4	81	0.4	0	0.0
Togo	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			150	0.5			150	
Tonga	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			100	0.0			100	
Trinidad and Tobago	UNDP	INV	HCFC	Investment proj./Sector Plans			817	6.8	817	6.8	0	0.0
Tunisia	UNIDO	PHA	HCFC	HPMP	0	0.0	296	1.5	296	1.5	591	3.0
Turkey	UNIDO	PHA	HCFC	HPMP	0	0.0	8,708	40.0	8,708	40.0	17,415	80.0
Turkmenistan	UNIDO	PHA	HCFC	HPMP	0	0.0	109	0.5	109	0.5	215	1.0
Tuvalu	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			100	0.0			100	
Uganda	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			250	0.0			250	

Country	Agency	Type	Chemical	Sector / Sub-Sector	Value (\$000) in 2009	ODP in 2009	Value (\$000) in 2010	ODP in 2010	Value (\$000) in 2011	ODP in 2011	Value (\$000) After 2011	ODP After 2011
United Republic of Tanzania	UNDP	INV	HCFC	Investment proj./Sector Plans			108	0.2	108	0.2	0	0.0
United Republic of Tanzania	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			250	0.5			250	
Uruguay	UNDP	INV	HCFC	Investment proj./Sector Plans			397	2.4	397	2.4	0	0.0
Venezuela (Bolivarian Republic of)	UNIDO	DEM	Disposal	Pilot project for the destruction of ODSs	0	0.0	1,075	100.0	1,075	100.0	0	0.0
Venezuela (Bolivarian Republic of)	UNIDO	PHA	HCFC	HPMP	0	0.0	1,075	5.0	1,075	5.0	3,225	15.0
Vietnam	IBRD	PHA	HCFC	HCFC phaseout plan			538	0.0	1,075	10.0	1,962	20.0
Yemen	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			500	2.6			250	
Yemen	UNIDO	PHA	HCFC	HPMP	0	0.0	1,075	5.0	1,075	5.0	3,225	15.0
Zambia	UNEP	PHA	HCFC	HCFC Phase-out Management Plan (implementation)			250	0.2			250	
Zimbabwe	Germany	TAS	HCFC	HPMP activities			350		200			



**Annex III**

**APPROVED MULTI-YEAR PROJECTS AS PER AGREEMENTS  
(INCLUDING AGENCY FEES)  
(US \$000)**

Country	Agency	Sector	Subsector	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Total
Afghanistan	Germany	ODS Phase Out Plan									134	726									860
Afghanistan	UNEP	ODS Phase Out Plan									345										345
Albania	UNIDO	ODS Phase Out Plan							195	185	78	45	24	24	24						575
Albania	UNEP	ODS Phase Out Plan							133												133
Algeria	UNIDO	ODS Phase Out Plan											778		213						991
Algeria (2)	UNIDO	Refrigerant Management Plan						226	753	564											1,542
Antigua and Barbuda	IBRD	CFC Phase Out Plan								76		30									106
Argentina	UNIDO	CFC Phase Out Plan								2,946	1,989	1,186	1,255								7,375
Argentina	IBRD	CFC Phase Out Plan									538										538
Argentina	UNDP	Methyl Bromide				245	1,674	502	502	502	502										3,927
Argentina	IBRD	Production CFC						520	3,610	90	420	2,100	2,593	1,120	1,047						11,500
Bahamas	IBRD	CFC Phase Out Plan				271			226		136										633
Bahrain	UNDP	CFC Phase Out Plan										293		43							336
Bahrain	UNEP	CFC Phase Out Plan										237		136							373
Bangladesh	UNDP	ODS Phase Out Plan								167	555	144	59	59	59	59					1,102
Bangladesh	UNEP	ODS Phase Out Plan								102	142	34	34	34	25						373
Belize	UNEP	CFC Phase Out Plan											60		54						114
Belize	UNDP	CFC Phase Out Plan											133		78						211
Benin	UNEP	CFC Phase Out Plan												96	73						170
Benin	UNIDO	CFC Phase Out Plan												116	75						191
Bolivia	Canada	ODS Phase											89	99							189

## Annex III

Country	Agency	Sector	Subsector	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Total
		Out Plan																			
Bolivia	UNDP	ODS Phase Out Plan											162	239							401
Bosnia and Herzegovina	UNIDO	ODS Phase Out Plan							285	318	326										929
Brazil	UNDP	CFC Phase Out Plan						8,548		5,893	4,640	3,099	1,282	934	263	105					24,762
Brazil	Germany	CFC Phase Out Plan						629	1,159	1,090	1,090	266									4,233
Burkina Faso	Canada	CFC Phase Out Plan										111		75							186
Burkina Faso	UNEP	CFC Phase Out Plan										114		89							203
Burundi	UNEP	CFC Phase Out Plan												84	46						130
Burundi	UNIDO	CFC Phase Out Plan												83	58						141
Cambodia	UNEP	CFC Phase Out Plan											136		57						192
Cambodia	UNDP	CFC Phase Out Plan											210		91						301
Cameroon	UNIDO	ODS Phase Out Plan										645		113	102						860
Cape Verde	UNEP	CFC Phase Out Plan												79	34						113
Central African Republic	France	CFC Phase Out Plan												62	51						113
Central African Republic	UNEP	CFC Phase Out Plan												68	51						119
Chad	UNEP	CFC Phase Out Plan											106		87						193
Chad	UNDP	CFC Phase Out Plan											100		89						190
Chile	Canada	CFC Phase Out Plan												199	295						494
China	USA	CFCs/CTC/ Halon Accelerated Phase-Out Plan								5,375	5,375										10,750
China	UNIDO	Domestic Refrigeration						3,699	2,364												6,063
China	Italy	Domestic Refrigeration						1,950													1,950
China	UNIDO	Methyl Bromide							4,393				1,290	1,935	1,398	645	538	538	538	325	11,599
China	Italy	Methyl Bromide									4,470										4,470



Country	Agency	Sector	Subsector	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Total
China	IBRD	Process Agent (Phase I)						2,150	21,500	17,200	2,150	17,200	5,375	3,225	1,075						69,875
China	IBRD	Process Agent (Phase II)										26,875	10,750	10,750	1,613						49,988
China	IBRD	Production CFC			21,800	14,170	14,170	13,910	13,975	13,975	13,975	13,975	25,800	8,063	8,063						161,875
China	UNIDO	Production Methyl Bromide									3,225			3,225			2,150			1,924	10,524
China	IBRD	Production TCA								1,505				753							2,258
China	UNIDO	Refrigeration Servicing								591		753	753	753	844						3,693
China	UNEP	Refrigeration Servicing									509										509
China	Japan	Refrigeration Servicing								1,130	3,390										4,520
China	UNDP	Solvent			7,425	7,651	6,963	6,187	5,972	6,106	5,434	5,891	1,591	1,591	1,591	1,591					56,401
China	UNIDO	Tobacco					2,180	2,180	2,150	1,935	1,828	1,613									11,885
China (1)	IBRD	Foam						10,827	13,685	11,864	11,864	3,603	2,917	1,926	1,926						58,612
China (1)	IBRD	Halon		13,640	10,670	11,660	4,950	4,070	6,343	1,290	1,935	12,255	430	323	108						67,673
Colombia	UNDP	ODS Phase Out Plan							2,308		2,530										4,838
Comoros	UNDP	CFC Phase Out Plan											47	35							82
Comoros	UNEP	CFC Phase Out Plan											87	60							147
Congo	UNEP	ODS Phase Out Plan												77	47						124
Congo	UNIDO	ODS Phase Out Plan												55	49						104
Congo, DR	UNDP	CFC Phase Out Plan										208	77	77							363
Congo, DR	UNEP	CFC Phase Out Plan										162	81	81							325
Costa Rica	UNDP	CFC Phase Out Plan											215	215	177						607
Costa Rica	UNDP	Methyl Bromide					1,355			2,083		1,042		781							5,261
Cote D'Ivoire	UNEP	CFC Phase Out Plan												195	123						319
Cote D'Ivoire	UNIDO	CFC Phase Out Plan												174	130						304
Croatia	UNIDO	CFC Phase Out Plan							198	52	38	22									309
Croatia	Sweden	CFC Phase Out Plan							49	27	23										99

## Annex III

Country	Agency	Sector	Subsector	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Total
Cuba	UNDP	ODS Phase Out Plan								211	608	496	194	114	54						1,676
Cuba	Canada	ODS Phase Out Plan								452	70										522
Cuba	Germany	ODS Phase Out Plan								49											49
Cuba	France	ODS Phase Out Plan								91											91
Djibouti	UNEP	CFC Phase Out Plan											90		66						156
Djibouti	UNDP	CFC Phase Out Plan											160								160
Dominica	UNDP	CFC Phase Out Plan										44	49	13	7						112
Dominica	UNEP	CFC Phase Out Plan										40	51	24	15						129
Dominican Republic	UNDP	CFC Phase Out Plan									538	430	430	227	215						1,840
Ecuador (3)	IBRD	CFC Phase Out Plan							836		472	244	244	20							1,816
Egypt	UNIDO	CFC Phase Out Plan									1,075	1,290	645	215	108						3,333
El Salvador	UNEP	CFC Phase Out Plan											23	23	11						57
El Salvador	UNDP	CFC Phase Out Plan											247	247	59						554
Eritrea	UNEP	ODS Phase Out Plan												113	79						192
Eritrea	UNIDO	ODS Phase Out Plan												109	82						191
Gabon	UNDP	CFC Phase Out Plan											55	44							98
Gabon	UNEP	CFC Phase Out Plan											73	57							130
Gambia	UNDP	CFC Phase Out Plan											108		33						142
Gambia	UNEP	CFC Phase Out Plan											105		81						186
Georgia	UNDP	CFC Phase Out Plan										232	117								349
Ghana	UNDP	CFC Phase Out Plan										220	151								371
Grenada	UNEP	CFC Phase Out Plan										42	54	37	14						147
Grenada	UNDP	CFC Phase Out Plan										44	55	33							131
Guatemala	UNEP	CFC Phase Out Plan												37	36						73
Guatemala	UNDP	CFC Phase												271							271

Country	Agency	Sector	Subsector	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Total
		Out Plan																			
Guinea	UNIDO	CFC Phase Out Plan												153	65						218
Guinea	UNEP	CFC Phase Out Plan												84	66						149
Guinea- Bissau	UNEP	CFC Phase Out Plan												71	42						113
Guyana	UNEP	CFC Phase Out Plan											66		81						147
Guyana	UNDP	CFC Phase Out Plan											135		99						234
Honduras	UNIDO	CFC Phase Out Plan												324	40						364
Honduras	UNEP	CFC Phase Out Plan												165	59						224
Honduras	UNIDO	Methyl Bromide										645	860	323	114						1,942
India	IBRD	Accelerated Production CFC													2,113	1,295					3,408
India	UNDP	CFC Phase Out Plan	Foam					1,631	1,904	1,631	491	245									5,901
India	UNDP	CFC Phase Out Plan	Refrigeration Manufacturing					2,173	520	272	163	65									3,192
India	UNIDO	CFC Phase Out Plan	Refrigeration Manufacturing					565	192												757
India	UNEP	CFC Phase Out Plan	Refrigeration Servicing							290	290	96	96	96	37						904
India	UNDP	CFC Phase Out Plan	Refrigeration Servicing							298	298	482	180	164	214						1,636
India	Germany	CFC Phase Out Plan	Refrigeration Servicing							468	113	119	493	493	1,043						2,729
India	Switzerland	CFC Phase Out Plan	Refrigeration Servicing							399	290	290	415	415							1,809
India	IBRD	CTC Phase Out Plan							9,160	9,869	429	10,273	4,323	3,453	3,453						40,959
India	Germany	CTC Phase Out Plan								758	758	358	358								2,230
India	France	CTC Phase Out Plan								1,085	1,085	585	585								3,340
India	UNIDO	CTC Phase Out Plan									3,763	429									4,191
India	Japan	CTC Phase Out Plan								2,780	2,780										5,560
India	IBRD	Production CFC			12,960	11,880	11,880	6,480	6,450	6,450	6,450	6,450	6,450	6,450	6,450						88,350
Indonesia	UNDP	ODS Phase	Aerosol							237											237

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Country	Agency	Sector	Subsector	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Total
		Out Plan																			
Indonesia	IBRD	ODS Phase Out Plan	Aerosol							400											400
Indonesia	IBRD	ODS Phase Out Plan	Foam							1,854	1,129	159	38								3,179
Indonesia	IBRD	ODS Phase Out Plan	MAC					1,492	1,467	1,467	137	136									4,699
Indonesia	UNDP	ODS Phase Out Plan	Refrigeration Manufacturing					1,400	2,394	1,919	818	237	197								6,964
Indonesia	UNDP	ODS Phase Out Plan	Refrigeration Servicing					2,392	1,967	543	271	173									5,347
Indonesia	UNIDO	ODS Phase Out Plan	Solvent							1,574											1,574
Iran	Germany	CFC Phase Out Plan	Foam, MAC Training, Management						770	1,051	532	1,118	1,022	810	569						5,871
Iran	France	CFC Phase Out Plan	MAC R&R						1,117		555										1,672
Iran	UNDP	CFC Phase Out Plan	Refrigeration Manufacturing							828											828
Iran	UNIDO	CFC Phase Out Plan	Refrigeration Servicing/Assembly/Solvents						389	2,262	798	71	39								3,559
Iran	UNEP	CFC Phase Out Plan	Regulations						158												158
Kenya	France	CFC Phase Out Plan								244	373		202								819
Kenya	UNIDO	Methyl Bromide	Cut Flowers										549								549
Kenya	UNDP	Methyl Bromide	Cut Flowers					577													577
Kenya	Germany	Methyl Bromide	Horticulture						325	195		130									649
Korea, DPR	UNEP	CFC Phase Out Plan									265	185	113	23	11						597
Korea, DPR	UNIDO	CFC Phase Out Plan									576										576
Korea, DPR	UNIDO	CTC Phase Out Plan							3,763	1,075	323	538	306	108							6,111
Korea, DPR	UNIDO	Domestic Refrigeration							413	1,055											1,467
Korea, DPR	UNIDO	Production ODS					1,412		770		513										2,695
Kuwait	UNIDO	ODS Phase Out Plan											240	11							251
Kuwait	UNEP	ODS Phase Out Plan											271	107							379

Country	Agency	Sector	Subsector	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Total
Kyrgyzstan	UNEP	CFC Phase Out Plan										161	74	29							263
Kyrgyzstan	UNDP	CFC Phase Out Plan										209	68	65							341
Lao, DPR	France	CFC Phase Out Plan												205	157						362
Lebanon	UNDP	CFC Phase Out Plan								1,141	538	392	108	70							2,248
Lebanon	UNIDO	Methyl Bromide	Strawberries				396	477	484		46										1,402
Lebanon	UNDP	Methyl Bromide	Vegetables/ Tobacco/Cut Flowers				898	676	538	430	226										2,767
Lesotho	Germany	CFC Phase Out Plan							85	40	20										144
Liberia	UNDP	CFC Phase Out Plan												113		31					144
Liberia	UNEP	CFC Phase Out Plan												149		92					241
Libya	UNIDO	CFC Phase Out Plan							1,613		774	299									2,685
Libya	Spain	Methyl Bromide												565							565
Libya	UNIDO	Methyl Bromide									799										799
Macedonia, FYR	UNIDO	CFC Phase Out Plan									166	86	16	16	16						300
Madagascar	UNIDO	ODS Phase Out Plan												85	51						136
Madagascar	UNEP	ODS Phase Out Plan												150	98						249
Malawi	UNDP	CFC Phase Out Plan												137		52					189
Malawi	UNEP	CFC Phase Out Plan												107		87					194
Malawi	UNDP	Methyl Bromide				452	1,120	806	914												3,292
Malaysia	IBRD	ODS Phase Out Plan					1,940	3,228	2,182	1,832	1,309	1,096	300	300	300						12,488
Maldives	UNEP	CFC Phase Out Plan												90		17					107
Maldives	UNDP	CFC Phase Out Plan												93							93
Mali	UNEP	CFC Phase Out Plan												136		88					224
Mali	UNDP	CFC Phase Out Plan												185		161					346
Mauritania	UNDP	CFC Phase												93		60					153

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Country	Agency	Sector	Subsector	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Total
		Out Plan																			
Mauritania	UNEP	CFC Phase Out Plan											108		67						175
Mauritius	Germany	ODS Phase Out Plan							124	70	45										240
Mexico	UNIDO	CFC Phase Out Plan								3,781	4,814	322									8,917
Mexico	IBRD	CFC Phase Out Plan									538										538
Mexico	Canada	Methyl Bromide	Commodities											559		559		223	243		1,583
Mexico	UNIDO	Methyl Bromide	Soil Fumigation											2,150		2,150		1,075	220		5,595
Mexico	Spain	Methyl Bromide	Soil Fumigation													893		893			1,786
Mexico	Italy	Methyl Bromide	Soil Fumigation											1,120							1,120
Mexico	UNIDO	Production CFC							5,698	11,503	4,300	12,739									34,239
Moldova	UNEP	CFC Phase Out Plan											84	159							243
Moldova	UNDP	CFC Phase Out Plan											164	164							328
Mongolia (2)	Japan	CFC Phase Out Plan									170		62								232
Montenegro	UNIDO	ODS Phase Out Plan											188		102						291
Morocco	UNIDO	Methyl Bromide	Green Beans and Melon											742		470					1,212
Morocco	Italy	Methyl Bromide	Green Beans and Melon											350							350
Morocco	UNIDO	Methyl Bromide	Tomato				452			653	1,796	443	456	428							4,228
Mozambique	UNDP	CFC Phase Out Plan												110	19						128
Mozambique	UNEP	CFC Phase Out Plan												85	67						151
Namibia	Germany	CFC Phase Out Plan							181		105										285
Nepal	UNDP	CFC Phase Out Plan											82	27							109
Nepal	UNEP	CFC Phase Out Plan											40	40							79
Nicaragua	UNEP	CFC Phase Out Plan												147	79						226
Nicaragua	UNDP	CFC Phase Out Plan												344							344
Niger	UNIDO	CFC Phase												143	58						201

Country	Agency	Sector	Subsector	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Total
		Out Plan																			
Niger	UNEP	CFC Phase Out Plan												92	77						168
Nigeria	UNDP	CFC Phase Out Plan						5,463	3,242	2,261	866	531	418	369	121						13,272
Nigeria	UNIDO	CFC Phase Out Plan						765	288												1,053
Nigeria	UNIDO	Solvent								570	341	457	326								1,693
Oman	UNIDO	CFC Phase Out Plan											329	177							505
Pakistan	UNIDO	CTC Phase Out Plan							1,290	1,398	272										2,959
Pakistan	UNIDO	Refrigerant Management Plan							205	574	445										1,225
Panama	UNDP	CFC Phase Out Plan								269	256	215	198	76							1,014
Panama	UNEP	CFC Phase Out Plan								28	17	11									57
Papua New Guinea	Germany	CFC Phase Out Plan						540				247									787
Paraguay	UNDP	CFC Phase Out Plan											172	151	54	23					399
Paraguay	UNEP	CFC Phase Out Plan											90	68	34	27					219
Peru	UNEP	CFC Phase Out Plan												88	88						175
Peru	UNDP	CFC Phase Out Plan												197	197						395
Philippines	IBRD	CFC Phase Out Plan						3,107	2,038	2,346	3,122	359	116								11,087
Philippines	Sweden	CFC Phase Out Plan						164	179	42											385
Qatar	UNEP	CFC Phase Out Plan											73		62						136
Qatar	UNIDO	CFC Phase Out Plan											261		75						336
Romania	UNIDO	CFC Phase Out Plan									171	255	32								458
Romania	Sweden	CFC Phase Out Plan									135										135
Romania	UNIDO	Production ODS									3,440	968	1,075	1,290							6,773
Rwanda	UNDP	CFC Phase Out Plan											136		47						183
Rwanda	UNEP	CFC Phase Out Plan											124		76						200

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Country	Agency	Sector	Subsector	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Total
Saint Kitts and Nevis	UNDP	CFC Phase Out Plan										55	49	11	3						118
Saint Kitts and Nevis	UNEP	CFC Phase Out Plan										45	68	34	16						163
Saint Lucia	Canada	CFC Phase Out Plan											176		55						232
Saint Vincent and the Grenadines	UNEP	ODS Phase Out Plan									76		16	16	16						123
Saint Vincent and the Grenadines	UNDP	ODS Phase Out Plan									110		23	7							140
Samoa	UNEP	CFC Phase Out Plan											62		23						85
Samoa	UNDP	CFC Phase Out Plan											49		33						82
Sao Tome and Principe	UNEP	CFC Phase Out Plan												61	24						85
Sao Tome and Principe	UNIDO	CFC Phase Out Plan												72	53						125
Saudi Arabia	UNEP	ODS Phase Out Plan											412			46					458
Saudi Arabia	UNIDO	ODS Phase Out Plan											1,384			154					1,537
Senegal	UNEP	CFC Phase Out Plan											124	114							237
Senegal	Italy	CFC Phase Out Plan											249	153							401
Serbia	UNIDO	CFC Phase Out Plan								605	960	1,111	133	75							2,884
Serbia	Sweden	CFC Phase Out Plan								68											68
Seychelles	France	CFC Phase Out Plan											136	68	15						218
Sudan	UNIDO	ODS Phase Out Plan								537		237	237	215							1,225
Suriname	UNEP	CFC Phase Out Plan												113	60						173
Suriname	UNDP	CFC Phase Out Plan												136							136
Swaziland	UNDP	CFC Phase Out Plan												89	44						132
Swaziland	UNEP	CFC Phase Out Plan												85	64						149
Syria	UNIDO	CFC Phase Out Plan										462		183	166						811



Country	Agency	Sector	Subsector	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Total
Syria	UNIDO	Methyl Bromide					339	378	262	203											1,182
Tanzania	UNDP	ODS Phase Out Plan												219	77						297
Tanzania	UNEP	ODS Phase Out Plan												148	88						236
Thailand	IBRD	Methyl Bromide								588		1,518		1,013							3,119
Thailand	IBRD	ODS Phase Out Plan				567	5,654	4,365	1,434	1,442	920	600	600	420							16,001
Togo	UNDP	CFC Phase Out Plan												104	68						171
Togo	UNEP	CFC Phase Out Plan												101	79						180
Trinidad and Tobago	UNDP	CFC Phase Out Plan							237			258									495
Tunisia	IBRD	ODS Phase Out Plan										849		371							1,221
Turkey	IBRD	CFC Phase Out Plan				3,795	2,675	1,150	795	780	530	30	30	25							9,810
Turkey	UNIDO	Methyl Bromide				1,120	1,075	753	762												3,710
Uganda	France	ODS Phase Out Plan												172	71						243
Uruguay	Canada	CFC Phase Out Plan										181	47		34						262
Uruguay	UNDP	CFC Phase Out Plan										258	52		48						358
Venezuela	UNIDO	CFC Phase Out Plan								2,037	1,754	2,227	690								6,709
Venezuela	IBRD	Production CFC								3,548	8,708	1,881	2,473	1,129							17,738
Vietnam	IBRD	Methyl Bromide										247		699			129		63	43	1,181
Vietnam	IBRD	ODS Phase Out Plan									533	630		192							1,355
Yemen	Germany	Methyl Bromide												227		225		225			678
Yemen	UNEP	ODS Phase Out Plan												356	158						514
Yemen	UNIDO	ODS Phase Out Plan												1,223	250						1,473
Zambia	UNEP	CFC Phase Out Plan											106		47						154
Zambia	UNDP	CFC Phase Out Plan											119								119
Zimbabwe	Germany	CFC Phase Out Plan											197	197	197	45					637
Zimbabwe	UNIDO	Methyl									2,002		2,002								4,004

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Annex III

Country	Agency	Sector	Subsector	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	Total
		Bromide																			
<b>Total</b>				<b>13,640</b>	<b>45,430</b>	<b>45,587</b>	<b>54,740</b>	<b>98,524</b>	<b>138,973</b>	<b>152,250</b>	<b>135,340</b>	<b>148,734</b>	<b>96,955</b>	<b>70,990</b>	<b>39,750</b>	<b>8,287</b>	<b>2,817</b>	<b>2,954</b>	<b>1,063</b>	<b>2,293</b>	<b>1,058,327</b>

(1) Funds for the implementation of the annual programme for any given year will be provided at the last meeting of the Executive Committee in the preceding year.

(2) Multi-Year project approved without Agreement from the Executive Committee.

(3) Fund will be considered for approval at the first meeting of the year of the annual implementation programme, except for the 2004 annual implementation programme which is submitted for approval at the last meeting of the preceding year (41st Meeting).

## **Annex IV**

### **HISTORICAL PERFORMANCE INDICATORS**

This annex presents the following tables:

- a) Proposed 2009, 2008, 2007 and Actual 2006 Business Plan Performance Indicators;
- b) Quantitative Performance Indicators (2004 and 2005);
- c) Investment Project Performance Indicators (2001-2005);
- d) Non-investment Project Performance Indicators (2001-2005); and
- e) Proposed 2009, 2008, 2007 and 2006 Performance Indicator for UNEP's Compliance Assistance Programme (CAP).

**A: PROPOSED 2009, 2008 and 2007 AND ACTUAL 2006 BUSINESS PLAN PERFORMANCE INDICATORS BY AGENCY**

Item	UNDP 2006	UNDP 2007	UNDP 2008	UNDP 2009	UNEP 2006	UNEP 2007	UNEP 2008	UNEP 2009	UNIDO 2006	UNIDO 2007	UNID O 2008	UNIDO 2009	World Bank 2006	World Bank 2007	World Bank 2008	World Bank 2009
Number of annual programmes of multi-year agreements approved vs. those planned	22	45	40	40	10	35 (9 tranches of approved MYA and 26 new MYA)	23 (7 tranches of approved MYA and 16 new MYA)	44 (40 tranches of approved MYA and 4 new MYA)	23	32	51	18	19	19 <sup>1</sup>	21/21	14/14
Number of individual projects/activities (investment projects, RMPs, halon banks, TAS, institutional strengthening) approved vs. those planned	4	22	74	22	6	30	10	7/10	11	22	56	19	2	4	6/6	2/2
Milestone activities completed (e.g. policy measures, regulatory assistance)/ODS levels achieved for approved multi-year annual tranches vs. those planned	18	20	47	36	4	9	5	40	19	20	19	26	19	18	21/21	19/19
ODS phased-out for individual projects vs. those planned per progress reports	1,543 ODP tonnes	1,229 ODP tonnes	1,741 ODP tonnes	633	51.3 ODP Tonnes	0	0	0	1,127.1 ODP tonnes	346.2 ODP tonnes	762.9 ODP tonnes	155.2	478.52 ODP tonnes	1,334 ODP tonnes	253 ODP tonnes	465 ODP tonnes
Project completion (pursuant to Decision 28/2 for investment projects) and as defined for non-investment projects vs. those planned in progress reports	48	60	61	98	89	86	86	86	35	20	19	13	22	10 <sup>2</sup>	8 <sup>3</sup>	6 <sup>4</sup>
Number of policy/regulatory assistance completed vs. that planned	N/a	4/6 (67%)	4/6 (67%)	1/1 (100%)	77 (100%)	64 countries or 100% of countries listed in Annex I	64 countries or 100% of countries listed in Annex I	100% of countries listed in Annex I of UNEP's narrative either received assistance or assistance was offered	N/a	11	9	N/A	N/a	9/9	12/12	100%

<sup>1</sup> Includes one annual programme of new multi-year projects expected to be approved by the Executive Committee in 2007.

<sup>2</sup> Represents the number of projects expected to be completed in 2007, which will lead to an expected phase-out of 1,334 ODP tonnes.

<sup>3</sup> Represents the number of projects expected to be completed in 2008, which will lead to an expected phase-out of 253 ODP tonnes.

<sup>4</sup> Includes two investment projects, three institutional strengthening projects, and one technical assistance project.

Item	UNDP 2006	UNDP 2007	UNDP 2008	UNDP 2009	UNEP 2006	UNEP 2007	UNEP 2008	UNEP 2009	UNIDO 2006	UNIDO 2007	UNID O 2008	UNIDO 2009	World Bank 2006	World Bank 2007	World Bank 2008	World Bank 2009
Speed of financial completion vs. that required per progress report completion dates	45 of 123 (37%)	On Time	On Time	On time	15 of 32 (47%)	On Time	On Time	On time	10.4 months	12 months after operational completion	12 months after operational completion	12 months after operational completion	5 months	11 months	11 months	11 months
Timely submission of project completion reports vs. those agreed	13 of 44 (30%)	On Time	On Time	On time	8 of 14 (57%)	On Time	On Time	On time	On time	On time	On time	On time	84%	100%	100%	100%
Timely submission of progress reports and responses unless otherwise agreed	On Time	On Time	On Time	On time	1 day delay	On Time	On Time	On time	On time	On time	On time	On time	100%	100%	100%	100%

**B: QUANTITATIVE PERFORMANCE INDICATORS (2004 and 2005)**

<b>Item</b>	<b>UNDP 2004</b>	<b>UNDP 2005</b>	<b>UNEP 2004</b>	<b>UNEP 2005</b>	<b>UNIDO 2004</b>	<b>UNIDO 2005</b>	<b>World Bank 2004</b>	<b>World Bank 2005</b>
Multi-year tranches approved	19	12	3	4	18	28	18	18
Individual projects/ activities approved	25	32	19	25	11	31	5	7
Milestone activities completed	12	15.5	N/a	3	14	17	15	19
ODS phased-out for individual projects in ODP tonnes	2,579	1,288	0	20	4,790.6	1,654	4,961	2,277
Project completion	97	42	8	24	84	28	40	44
Policy/ regulatory assistance completed	N/a	N/a	2	63	15	11	All targets in annual phase-out	N/a
Speed of financial completion	88 of 104 (85%)	174	19 of 34 (56%)	12 of 49 (24%)	9.3 months	8 months	12 months	9 months
Timely submission of project completion reports	97%	111	100%	On Time	100%	On Time	84%	On Time
Timely submission of progress reports	On Time	On Time	On Time	Not On Time	On Time	On Time	On Time	On Time

**C: INVESTMENT PERFORMANCE INDICATORS (2001-2005)**

ITEM	UNDP 2005	UNDP 2004	UNDP 2003	UNDP 2002	UNDP 2001	UNIDO 2005	UNIDO 2004	UNIDO 2003	UNIDO 2002	UNIDO 2001	World Bank 2005	World Bank 2004	World Bank 2003	World Bank 2002	World Bank 2001
ODP phased out	1,663	6,200	5,871	4,582	5,997	1,544.64	5,545.52	6,096	2,890	2,480	N/A	21,812.59	17,395	16,139	6,340
Funds disbursed	26,601,892	\$31,240,209	\$24,483,520	\$29,320,118	\$33,358,056	31,840,094	31,963,576	\$28,773,312	\$28,747,215	\$27,671,558	N/A	55,729,832	\$65,083,377	\$56,531,824	\$40,175,452
Project completion reports	111	97%	106%	86.50%	86.16%	78	100%	625%	300%	100%	N/A	84%	84%	103%	74%
Distribution among countries*	14	28	18	18	22	23	18	14	19	24	N/A	12	11	11	10
Timely submission of progress report		N/a	On Time	On Time	N/a		N/a	On Time	On Time	N/a		N/a	On Time	On Time	N/a
Number of project completed in year of business plan		N/a	116	106	N/a		N/a	54	46	N/a		N/a	45	46	N/a
Value of projects approved*	\$26,123,608	\$24,422,808	\$29,290,743	\$37,661,853	\$40,533,068	55,170,547	36,878,656	\$23,624,603	\$32,884,334	\$28,436,163	US \$68 million (excluding Support Costs)	\$82,629,695	\$75,107,277	\$62,531,489	\$48,139,038
ODP to be phased out*	2,940	3,606.40	3,810	3,312.90	4,352	16,540.00	9,587	1,120	4,074	4,645.80	65,722.00	20,534	11,352	12,605.90	11,456
Cost of project preparation	1.44%	3.61%	1.60%	2.54%	1.10%	0.86	2.01%	3.64%	3.28%	2.73%	0.40	0.16%	0.64%	0.43%	1.26%
Cost-effectiveness	\$8.24	\$6.27	\$7.10	\$10.35	\$8.30	3.10	\$3.58	\$9.79	\$7.28	\$6.12	1.04	\$3.74	\$6.12	\$4.57	\$3.85
Speed of first disbursement	12.9 months	12.91 months	12.8 months	12.8 months	12.84 months	8.97 months	9.06 months	9.2 months	9.16 months	9.29 months	25 months	26.02 months	26 months	26.28 months	25.33 months
Speed of completion	32.9 months	32.41 months	32.4 months	32.7 months	33.6 months	32.98 months	32.35 months	31.7 months	30.89 months	29.85 months	40 months	40.88 months	41 months	41.35 months	40.09 months
Net emission due to delays	13,508	12,440	9,322	13,375	14,381	5,354.00	15,874	5,114	6,579.50	5,940	17,651.00	18,155	21,807	24,889	25,257

**D: NON-INVESTMENT PERFORMANCE INDICATORS (2001-2005)**

AGENCY	UNDP 2005	UNDP 2004	UNDP 2003	UNDP 2002	UNDP 2001	UNEP 2005	UNEP 2004	UNEP 2003	UNEP 2002	UNEP 2001	UNIDO 2005	UNIDO 2004	UNIDO 2003	UNID O 2002	UNID O 2001	World Bank 2005	World Bank 2004	World Bank 2003	World Bank 2002	World Bank 2001
Number of Projects Completed			22	11	8			69% of approve d	66% of approve d	62% of approve d			16	13	3			5	2	1
Funds Disbursed (US\$)	3,224,34 3	2,488,37 4	3,693,81 6	2,167,50 8	1,684,70 2	10,855,43 3	54% of approve d	72% of approve d	68% of approve d	68% of approve d	1,387.90 5	1,353,86 1	1,201,98 3	775,244	461,385	1,221,96 4	813,59 9	2,246,33 7	546,53 3	281,715
Speed until first disbursemen t	11.5 months	11.44 months	11 months	11.4 months	10.5 months	8.41 months	8.49 months	7.6 months	7.3 months	6.87 months	8.95 months	9.34 months	9.4 months	9.85 months	9.15 months	14 months	14.58 months	13.7 months	12.05 months	11.95 months
Speed until project completion	35.4 months	35.36 months	35 months	34.7 months	35.1 months	32.44 months	31.8 months	31 months	30.4 months	29.66 months	31.93 months	33.89 months	33.7 months	33.84 months	33.66 months	32 months	30.39 months	30 months	28.85 months	29.24 months
Timely submission of progress report		N/a	On Time	On- time	N/a		N/a	On Time	On Time	N/a		N/a	On Time	On- time	N/a		N/a	On Time	On- time	N/a
Policies initiated from non- investment activities		N/a	6	28	8 countries		N/a	21 countries	11 countries	N/p		N/a	2 countries	7 countries	Policies in 2-4 countries		N/a	None	1 country	2 countrie s
Reduction in ODP from non- investment activities		N/a	0	1	125 tonnes		N/a	0	0	N/p		N/a	45	0	65 tonnes		N/a	86.9	0	0 tonnes



**E. PROPOSED 2009 PERFORMANCE INDICATOR FOR UNEP'S COMPLIANCE ASSISTANCE PROGRAMME (CAP)**

<b>Performance Indicator</b>	<b>UNEP 2006 target</b>	<b>UNEP 2007 target</b>	<b>UNEP 2008 target</b>	<b>UNEP 2009 target</b>
Efficient follow-up to regional network/thematic meetings	100 % implementation rate	100 % implementation rate	100 % implementation rate	90 % implementation rate
Effective support to NOUs in their work, particularly guidance to new National Ozone Units (NOUs)	10 such ways/means/products/services	7 such ways/means/products/services	7 such ways/means/products/services; All new NOUs receive capacity building support	7 such ways/means/products/services; All new NOUs receive capacity building support
Assistance to countries in actual or potential non-compliance (as per MOP decisions and/or as per reported Article 7 data and trend analysis)	All such countries	All such countries	All such countries	All such countries
Innovations in production and delivery of global and regional information products and services	10 such products and services	7 such products and services	7 such products and services	7 such products and services
Close cooperation between CAP regional teams and bilateral and multilateral implementing agencies working in the regions	5 in each region	5 in each region	5 in each region	5 in each region

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