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EXECUTIVE COMMITTEE OF  
THE MULTILATERAL FUND FOR THE  
IMPLEMENTATION OF THE MONTREAL PROTOCOL  
Fifty-sixth Meeting  
Doha, 8-12 November 2008

**MODEL ROLLING THREE-YEAR PHASE-OUT PLAN: 2009-2011  
(FOLLOW-UP TO DECISION 53/5 (D))**

## Introduction

1. The Secretariat is submitting herewith the model rolling three-year phase-out plan for the 2009-2011 triennium as a follow-up to decision 53/5(d). This paper contains:

- (a) An estimate of the maximum amounts of CFCs, halons, methyl bromide (MB), CTC and TCA that need to be funded in the 2009-2011 triennium to achieve compliance with the Montreal Protocol phase-out targets;
- (b) A brief analysis on HCFC consumption and production by Article 5 countries;
- (c) An analysis of the level of funding that has been agreed in principle by the Executive Committee for multi-year agreements;
- (d) An estimate of the funding level of projects submitted to the 56<sup>th</sup> Meeting; and
- (e) A set of conclusions and recommendations.

## Background

2. At the 37<sup>th</sup> Meeting, the Secretariat submitted a compliance-oriented model for the 2003-2005 triennium, which was adopted by the Executive Committee as a flexible guide for resource planning for the triennium. The Secretariat was also requested to prepare a model rolling three-year phase-out plan (the model) for the Multilateral Fund. Since then, it has updated the model after each meeting of the Executive Committee.

3. At its 53<sup>rd</sup> Meeting, the Executive Committee considered the updated model for the 2008-2010 period, and decided, *inter alia*:

- (a) To adopt the model three-year phase-out plan as a flexible guide for resource planning to phase out eligible ODS for the 2008-2010 triennium; and
- (b) To request the Secretariat to present an updated model for the 2009-2011 period to the last meeting of the Executive Committee in 2008 to provide guidance as relevant for the preparation of the 2009-2011 business plan of the Multilateral Fund (decision 53/5).

4. In line with decision 53/5, the Secretariat reviewed the model, taking into account the amounts of ODS to be phased out in projects and sectoral/national phase-out plans that have been approved by the Executive Committee since the 53<sup>rd</sup> Meeting, and the latest data reported by Article 5 countries under Article 7 of the Montreal Protocol (data provided by the Ozone Secretariat as of 3 October 2008).

5. A summary of the projects approved at the 53<sup>rd</sup>, 54<sup>th</sup> and 55<sup>th</sup> Meetings of the Executive Committee is presented in Annex I to the present report; the assumptions on which the model is based are contained in Annex II; and the results of the analysis (by ODS and country) are presented in Annex III.

## Scope of the model

6. Of the current 193 Parties to the Montreal Protocol<sup>1</sup>, 146 countries are classified as operating under paragraph 1 of Article 5 of the Protocol (102 of these countries are considered low-volume

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<sup>1</sup> As of 10 October 2008, the number of countries that are Parties to the London, Copenhagen, Montreal and Beijing Amendments are 189, 184, 167 and 143, respectively.

consuming, or LVC, countries<sup>2</sup>). Four of the current 146 Article 5 countries were reclassified as operating under paragraph 1 of Article 5 and have agreed or were urged not to seek assistance from the Multilateral Fund<sup>3</sup>; one Part has been reclassified as non-Article 5 country<sup>4</sup>. These countries therefore have not been considered in the model. Additionally, 3 countries have not yet become Parties to the Montreal Protocol<sup>5</sup>.

7. The analysis covers the following ODS: CFCs, halons, methyl bromide (MB), CTC, TCA and HCFCs as per decision 54/5(b)(i).

### **ODS phase-out in the 2006-2008 triennium**

8. After taking into consideration the phase-out projects and activities approved by the Executive Committee at its 53<sup>rd</sup> to 55<sup>th</sup> Meetings, the model was run to determine the maximum amounts of CFCs, halons, MB, CTC and TCA that need to be funded during the 2009-2011 triennium to achieve the 2010 Montreal Protocol phase-out targets.

### CFCs

9. The analysis for CFCs includes a revision of: CFC consumption for non-low-volume consuming (non-LVC) countries (41 countries); CFC consumption for low-volume consuming (LVC) countries (102 countries); and CFC in the production sector (7 countries).

10. The 41 non-LVC countries are divided into 2 major groups (Table 1 of Annex III) according to the level of assistance the countries might require to achieve the Montreal Protocol control limits:

Group I: Comprises of 1 country that may need additional assistance to meet the 2010 reductions in CFC consumption (this country has not yet a calculated CFC baseline for compliance).

Group II: Comprises of 40 countries that have an approved CFC phase-out plan addressing all the CFC consumption eligible for funding. The total CFC baseline for these countries is 146,066.6 ODP tonnes, and the 2006/2007 CFC consumption is 16,705.5 ODP tonnes;

Three of the 40 countries (Argentina, China and Indonesia) have a total aggregated remaining CFC consumption of 613.3 ODP tonnes, additional to the phase-out agreed in their sectoral/national phase-out plans, that is used for the production of metered dose inhalers (MDIs). The three countries have submitted projects for the total phase-out of CFCs in MDI applications to the 56<sup>th</sup> Meeting;

Seven countries (Brazil, China, Congo DR, Macedonia FYR, Panama, Syria and Venezuela) have submitted tranches of already approved national/sectoral CFC phase out plans to the 56<sup>th</sup> Meeting;

<sup>2</sup> Countries with CFC baseline consumption below 360 ODP tonnes.

<sup>3</sup> These countries are: Republic of Korea, Singapore, South Africa and United Arab Emirates. At their 19th Meeting, the Parties decided that South Africa, as an Article 5 Party is eligible for technical and financial assistance from the Fund for fulfilling its commitments to phase out both production and consumption of HCFCs.

<sup>4</sup> Romania has been reclassified as a non-Article 5 Party from 1 January 2008 (decision XIX/19). Romania is included in this document, since the latest reported data is for 2007 when the country was classified as an Article 5 Party.

<sup>5</sup> These countries are: Andorra, Timor Leste, and San Marino.

Three additional countries (Colombia, India and Pakistan) with approved plans for the complete phase-out of CFCs have also submitted a project proposal for the phase-out of CFCs used for the production of MDIs;

The institutional strengthening projects of these countries will continue to be funded, as appropriate.

11. The 102 LVC countries are divided into 3 groups (Table 2 of Annex III) according to the level of assistance they have received to meet Montreal Protocol limits:

Group I: Comprises of 2 countries (Equatorial Guinea and Somalia) that do not have an approved country programme and RMP project. The total CFC baseline for these countries is 272.9 ODP tonnes, and the 2006/2007 CFC consumption is 84.1 ODP tonnes.

Group II: Comprises of 14 countries, which have had RMPs approved in accordance with decision 31/48 (i.e., they are all committed to achieving their 50 per cent and 85 per cent reduction targets without further assistance from the Fund, except for the continued funding of their institutional strengthening projects). The total CFC baseline for these countries is 974.8 ODP tonnes and the 2006/2007 reported consumption under Article 7 is 68.7 ODP tonnes;

Six countries (Guatemala, Guinea-Bissau, Mozambique, Nicaragua, Suriname and Swaziland) have submitted to the 56<sup>th</sup> Meeting TPMP project proposals to achieve complete phase-out of CFCs in accordance with decision 45/54.

Group III: Comprises of 86 countries, which have total phase-out plans approved and which will not seek further assistance from the Multilateral Fund to achieve phase-out by 2010. The total CFC baseline for these countries is 6,513.1 ODP tonnes, and the 2006/2007 CFC consumption is 638.4 ODP tonnes;

Two countries (Armenia and Turkmenistan) have received funding outside the Multilateral Fund to achieve the complete phase-out of CFCs;

Nine countries (Comoros, Dominica, Ecuador, Madagascar, Republic of Moldova, Saint Kitts and Nevis, Saint Lucia, Saint Vincent and the Grenadines and Uruguay) have submitted requests for tranches for already approved terminal phase-out management plans to the 56<sup>th</sup> Meeting;

The institutional strengthening projects of these countries will continue to be funded, as appropriate.

12. The CFC production sector can be described as follows:

(a) Seven countries eligible for funding (Argentina, China, India, DPR Korea, Mexico, Romania and Venezuela), have a CFC production baseline (total of 88,624.16 ODP tonnes);

(b) Projects for the closure of all CFC production facilities in all 7 countries have been approved by the Executive Committee and have been completed (excluding production of pharmaceutical grade CFCs in China);

(c) Two countries (China and India) have submitted requests for tranches of already

approved CFC phase-out closure plans to the 56<sup>th</sup> Meeting.

### Halons

13. The analysis for halons includes a revision of both halon consumption (75 countries) and halon production (2 countries). Table 3 of Annex III lists the 75 countries with an established halon baseline. These countries are divided into 3 major groups:

- Group I: Comprises of 2 countries that might need immediate assistance to achieve the 2010 halon phase out target. The total halon baseline for these countries is 17.7 ODP tonnes and the 2006/2007 reported consumption under Article 7 is 13.2 ODP tonnes.
- Group II: Comprises of 13 countries with a halon baseline but without reported halon consumption between 2005 and 2007. The total halon baseline for these countries is 43.7 ODP tonnes.
- Group III: Comprises of 60 countries that have approved investment projects, halon banking and/or technical assistance programmes (at the national or regional levels) for the complete phase-out of halons. The total halon baseline of these countries is 42,610.9 ODP tonnes and the 2006/2007 halon consumption is 968.5 ODP tonnes;

One country (China) has submitted to the 56<sup>th</sup> Meeting a request for a tranche of the approved halon sector plan.

14. Two countries have an established halon production baseline (China, 40,993.0 ODP tonnes, and India, 288.8 ODP tonnes). One country (India) has reported zero production levels under Article 7 since 1998; the total reported halon production under Article 7 in 2007 for the other country (China) was 988.3 ODP tonnes. Projects for halon production closure have been funded in both countries.

### Methyl bromide

15. The analysis for MB includes a revision of MB consumption (134 countries) and MB production (2 countries). For the MB consumption sector, all countries are divided into the following 5 major groups (Table 4 of Annex III):

- Group I: Comprises of 8 countries that might need immediate assistance to achieve the 2005 MB phase out target. The total MB baseline for these countries is 46.4 ODP tonnes and the 2006/2007 reported consumption under Article 7 is 13.0 ODP tonnes;

One country (Zambia) has submitted to the 56<sup>th</sup> Meeting a project proposal for the complete phase-out of controlled uses of MB;

One country (Tunisia), which might need assistance to achieve the 20 per cent reduction target in a future year in accordance with decision XV/12<sup>6</sup> of the Fifteenth Meeting of the Parties.

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<sup>6</sup> Through its decision XV/12, the Parties to the Montreal Protocol decided as follows:

1. That the Implementation Committee and Meeting of the Parties should defer the consideration of the compliance status of countries that use over 80 per cent of their consumption of methyl bromide on high-

Group II: Comprises of 15 countries with approved projects that would enable, as a minimum, compliance with the 2005 phase-out target. The total MB baseline for these countries is 2,794.2 ODP tonnes and the 2006/2007 reported consumption under Article 7 is 1,385.4 ODP tonnes. The total remaining unfunded MB consumption for these countries is 908.3 ODP tonnes;

Three countries (Egypt, Morocco and Yemen) have submitted to the 56<sup>th</sup> Meeting project proposals for the complete phase-out of controlled uses of MB.

Group III: Comprises of 53 countries with approved projects that would achieve the complete phase-out of all controlled uses of MB. The total MB baseline for these countries is 5,938.9 ODP tonnes and the 2006/2007 reported consumption under Article 7 is 2,221.0 ODP tonnes;

Three countries (Honduras, Libya and Thailand) have submitted to the 56<sup>th</sup> Meeting a request for a tranche of an already approved multi-year MB project.

Group IV: Comprises of 51 countries with a MB baseline equal to zero, or no calculated baseline, or with no (or very little) current consumption;

Group VI: Comprises of 7 countries that are not yet Parties to the Copenhagen Amendment.

16. The MB production sector can be described as follows:

- (a) Two countries (China and Romania) have a MB production baseline totalling 794.6 ODP tonnes;
- (b) The 2007 production level reported under Article 7 is 411.8 ODP tonnes (China);
- (c) Projects for the closure of the MB production facilities in these 2 countries have been approved by the Executive Committee and are under current implementation;
- (d) One country (China ) has submitted to the 56<sup>th</sup> Meeting a request for a tranche of an already approved multi-year project for the closure of MB production.

### CTC

17. The analysis for CTC includes a revision of both CTC consumption and CTC production. Table 5 of Annex III lists the 60 countries with an established CTC baseline and with current consumption (reported for 2006 and/or 2007), and countries with no established CTC baseline but with current reported consumption. The countries are divided into 2 major groups:

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moisture dates until two years after the Technology and Economic Assessment Panel formally finds that there are alternatives to methyl bromide that are available for high moisture dates;

2. That the above provision shall apply so long as the relevant Party does not increase consumption of methyl bromide on products other than high-moisture dates beyond 2002 levels, and the Party has noted its commitment to minimizing the use of methyl bromide for dates to the extent necessary to ensure effective control of pests;
3. To request the Executive Committee to consider appropriate demonstration projects for alternatives on high-moisture dates, and to ensure that the results of those projects are shared with the Technology and Economic Assessment Panel.

Group I: Comprises of 10 countries that might need immediate assistance to meet the 2010 CTC phase-out target. The total CTC baseline for these countries is 128.7 ODP tonnes and the 2006/2007 reported consumption under Article 7 is 1.3 ODP tonnes;

One country (Serbia) has submitted to the 56<sup>th</sup> Meeting a project proposal for the complete phase-out of CTC used as solvents;

Group II: Comprises of 50 countries<sup>7</sup> with approved CTC phase-out plans, investment projects or technical assistance programmes for the complete phase-out of CTC consumption. The total CTC baseline for these countries is 54,368.9 ODP tonnes and the 2006/2007 reported consumption under Article 7 is 1,124.6 ODP tonnes;

Two countries (China and Congo DR) have submitted to the 56<sup>th</sup> Meeting tranche requests for already approved multi-year phase out plans.

18. The CTC production sector can be described as follows:

(a) Five countries (Brazil<sup>8</sup>, China, India, DPR Korea, and Romania), have a CTC production baseline totalling 36,535.9 ODP tonnes;

(b) Projects for the complete phase-out of CTC in the production and consumption sectors in 4 countries have been approved by the Executive Committee and are under current implementation (China, India, DPR Korea and Romania, with a total CTC production baseline of 24,906.3 ODP tonnes).

### TCA

19. The analysis for TCA includes a revision of both TCA consumption and TCA production. Table 6 of Annex III lists 46 countries with an established TCA baseline. These countries are divided into 2 major groups:

Group I: Comprises of 11 countries that might need immediate assistance to achieve the 2005 TCA phase-out target. The total TCA baseline for these countries is 227.4 ODP tonnes and the 2006/2007 reported consumption under Article 7 is 0.5 ODP tonnes.

Group II: Comprises of 35 countries with an approved TCA phase-out plan, investment projects or technical assistance programmes for the complete phase-out of TCA consumption. The total TCA baseline for these countries is 1,123.2 ODP tonnes and the 2006/2007 reported consumption under Article 7 is 285.7 ODP tonnes;

One country (China) has submitted to the 56<sup>th</sup> Meeting a tranche request for an already approved multi-year phase out plan.

<sup>7</sup> The CTC baseline in 1 country (Venezuela) is 1,107.2 ODP tonnes. Before 2000, CTC consumption in this country was relatively low, except for 1995 and 1999 when the reported consumption was 1,708.8 and 3,321.5 ODP tonnes, respectively. From 2000, CTC consumption has been nil. Since the country is a CFC producer and has reported very low consumption of CTC, it would appear that the consumption reported in 1995 and 1999 could have been related to feedstock applications. Therefore, the model has not taken into account the CTC baseline for this country.

<sup>8</sup> The model has not taken into account the phase-out of the CTC production facilities in Brazil (baseline of 11,629.6 ODP tonnes) because no information is available on the level of controlled and/or other uses of CTC (e.g., feedstock) and the eligibility for funding (e.g., foreign ownership of the production facilities).

20. The TCA production sector can be described as follows:
- (a) Three countries (Brazil<sup>9</sup>, China and DPR Korea), have a TCA production baseline totalling 152.9 ODP tonnes;
  - (b) Projects for the complete phase-out of TCA in the production sector have been approved by the Executive Committee in 2 countries (China and DPR Korea) with a total TCA production baseline of 120.5 ODP tonnes.

#### HCFC

21. At their 19<sup>th</sup> Meeting, the Parties to the Montreal Protocol agreed (decision XIX/6) to accelerate the phase-out of the production and consumption of HCFCs (decision XIX/6)<sup>10</sup>. Accordingly, the model has included, for the first time and in line with decision 54/5(b)(i) the 2002-2007 consumption and production levels of HCFCs as reported under Article 7 of the Protocol (Table 7 of Annex III).

22. The HCFC sector can be described as follows:
- (a) HCFC consumption reported by 144 Article 5 countries increased from 11,546.1 ODP tonnes to 26,367.8 ODP tonnes between 2002 and 2007;
  - (b) HCFC production reported by 6 Article 5 countries increased from 9,753.0 ODP tonnes to 30,581.3 ODP tonnes between 2002 and 2007;
  - (c) The 2007 HCFC consumption and production by one country (China) represents 67.8 per cent and 89.9 per cent of the total consumption and production by Article 5 countries;
  - (d) Preparation of HCFC phase-out management plans have already been approved in 101 Article 5 countries. Requests for preparation of HCFC phase-out plans in 18 additional countries have been submitted to the 56<sup>th</sup> Meeting.

#### ODS reductions to be achieved in 2009-2011 from approved phase-out plans and projects

23. The results of the model are presented in Tables 1 to 10 of Annex III to this document. The total maximum amount of ODS that needs to be funded during the 2009-2011 triennium is 2,156.5 ODP tonnes, with the following annual distribution:

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<sup>9</sup> The model has not taken into account the phase-out of TCA production facilities in Brazil (baseline of 32.4 ODP tonnes), taking into consideration that, since 2000, production of TCA has been nil.

<sup>10</sup> For Article 5 Parties the accelerated phase out of production and consumption of HCFCs was agreed on the basis of the following steps: freeze in 2013; 10 per cent reduction by 2015; 35 per cent by 2020; 67.5 per cent by 2025; and phase-out in 2030 while allowing for servicing an annual average of 2.5 per cent during the period 2030–2040.



**ODS to be funded for phase-out (ODP tonnes) during 2009-2011**

<b>Amount of ODS to be funded</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>Total</b>
CFC in non-LVC countries*	613.3			613.3
CFC in LVC countries**	1,247.7			1,247.7
CFC production sector				
Halon	17.7			17.7
MB (consumption)**	9.3			9.3
MB (production)				
CTC**	109.4			109.4
TCA**	159.2			159.2
<b>Total ODS to be funded</b>	<b>2,156.5</b>			<b>2,156.5</b>

(\*) Based on the remaining CFC consumption eligible for funding (decision 35/57). This consumption also includes 613.3 ODP tonnes of CFCs used for the production of MDIs.

(\*\*) Based on baselines and not current (2006/2007) reported consumption.

24. The Executive Committee should also be cognizant of the fact that:

- (a) Some 12,197.8 ODP tonnes of ODS consumption and 7,997.0 ODP tonnes of ODS production have yet to be phased out in approved multi-year sectoral and national phase-out plans during the remainder of 2008 and in the 2009-2011 triennium;
- (b) Some 17,999 ODP tonnes of ODS consumption have yet to be phased out in approved individual or umbrella projects (on the basis of the progress report submitted by bilateral and implementing agencies to the 55<sup>th</sup> Meeting of the Executive Committee<sup>11</sup>);
- (c) Fourteen RMP projects for LVC countries approved in accordance with decision 31/48 (e.g., to achieve the 2005 and 2007 CFC phase-out targets on time) are under current implementation; and
- (d) Eighty-six TPMPs for LVC countries<sup>12</sup>, 40 national ODS phase-out plans for non-LVC countries, and 12 phase-out plans in the production sector in 7 non-LVC countries are under current implementation.

25. In summary, about 31,706.8 ODP tonnes of ODS consumption and 7,997.0 ODP tonnes of ODS production, other than HCFCs, have yet to be phased out during the remainder of 2008 and in the 2009-2011 triennium. The level of effort still required by both the Article 5 countries concerned and the bilateral and implementing agencies to implement the already approved reductions in ODS consumption and production (where applicable), and the additional amounts of ODS to be funded in new phase-out plans or projects to enable compliance with the Protocol's phase-out targets, should not be underestimated and should be fully kept in mind during future planning activities.

26. In addition, the current levels of HCFC consumption and production reported by 144 Article 5 countries are 26,367.8 ODP tonnes and 30,581.3 ODP tonnes, respectively. According to the May 2008 TEAP Replenishment Task Force Report, the estimated HCFC consumption in Article 5 countries would

<sup>11</sup> The data contained in the progress reports submitted by bilateral and implementing agencies to the 55th Meeting of the Executive Committee is as of December 2007.

<sup>12</sup> Including TPMPs for Armenia and Turkmenistan funded outside the Multilateral Fund.

be 32,606 ODP tonnes in 2013 (year of the freeze). In its analysis, the Task Force also assumed that HCFC production will follow (be largely equal to) the demand<sup>13</sup>.

### Level of funding agreed in principle

27. For the remainder of 2008 and in the 2009-2011 triennium, the total level of funding approved in principle and other funding commitments (i.e., Fund Secretariat and Executive Committee meetings, institutional strengthening projects, UNEP's CAP and core units of the implementing agencies), amount to US \$168,435,520.

28. Of the total level of funding that has been approved in principle by the Executive Committee in multi-year projects, US \$5,764,682 associated with the tranches for phase-out projects in 19 countries has not been submitted or was subsequently withdrawn by the relevant bilateral and implementing agencies for approval by the Executive Committee at its 56<sup>th</sup> Meeting, as shown in the table below:

Country	Sector	Total funding (US \$)
Antigua and Barbuda	CFC phase out plan	30,411
Bahrain	CFC phase out plan	178,600
Bangladesh	ODS phase out plan	968,620
Bolivia	ODS phase out plan	338,090
Costa Rica	MB phase-out	781,300
Cuba	ODS phase out plan	113,950
El Salvador	CFC phase out plan	269,850
Gabon	CFC phase out plan	100,100
Kuwait	CFC phase out plan	118,250
Nepal	CFC phase out plan	66,800
Oman	CFC phase out plan	176,515
Paraguay	CFC phase out plan	218,300
Senegal	CFC phase out plan	266,115
Serbia	CFC phase out plan	132,763
Sudan	ODS phase out plan	215,000
Tunisia	ODS phase out plan	371,300
Turkey	CFC phase out plan	30,000
Venezuela	CFC phase out plan	689,968
Vietnam	MB phase-out	698,750
Total		5,764,682

### Funding level of projects submitted to the 56<sup>th</sup> Meeting

29. The total value of new multi-year projects (including national/sectoral phase-out plans in the production and consumption sectors) as submitted to the 56<sup>th</sup> Meeting, is over US \$102,379,256 (prior to determination of the eligibility of their incremental costs). However, the exact amounts and the funding implications for the 2009-2011 triennium will be known only after the conclusion of the 56<sup>th</sup> Meeting of the Executive Committee.

<sup>13</sup> Report of the Technology and Economic Assessment Panel. Volume 2. Assessment of the funding requirement for the replenishment of the Multilateral Fund for the period 2009-2011. May 2008.

## Conclusions

30. To achieve the 2010 Montreal Protocol's phase-out targets, an additional 2,156.5 ODP tonnes of ODS will need to be addressed during the 2009-2011 triennium. About 86 per cent of this amount is related to the phase out of CFCs as follows:

- (a) 613.3 ODP tonnes in 4 non-LVC countries; and
- (b) 1,247.7 ODP tonnes in 16 LVC countries.

31. The level of phase-out for CTC and TCA to be addressed during the 2009-2011 triennium on the basis of the calculated baselines for compliance, is very small and distributed among several countries:

- (a) In 10 countries for CTC (total aggregate baseline of 128.7 ODP tonnes); and
- (b) In 11 countries for TCA (total aggregate baseline of 227.4 ODP tonnes).

32. Of the total funding that has been approved in principle for 2008, an amount of US \$5,764,682 associated with tranches of phase-out projects in 19 countries has not been submitted to the 56<sup>th</sup> Meeting.

33. In addition to the amounts of ODS phase-out, excluding HCFCs, to be funded during the remainder of 2008 and in the 2009-2011 triennium the Executive Committee should be cognizant of the fact that:

- (a) Some 12,197.8 ODP tonnes of ODS consumption and 7,997.0 ODP tonnes of ODS production have yet to be phased out in approved multi-year sectoral and national phase-out plans during the remainder of 2008 and in the 2009-2011 triennium;
- (b) Some 17,999 ODP tonnes of ODS consumption have yet to be phased out in approved individual or umbrella projects (on the basis of the progress report submitted by bilateral and implementing agencies to the 55<sup>th</sup> Meeting of the Executive Committee);
- (c) Eighty-six TPMPs for LVC countries, 40 national ODS phase-out plans for non-LVC countries, and 12 phase-out plans in the production sector in 7 non-LVC countries are under current implementation; and
- (d) The 2007 HCFC consumption and production reported by 144 Article 5 countries is 26,367.8 ODP tonnes and 30,581.3 ODP tonnes respectively.

## Recommendations

34. The Executive Committee may wish to:

- (a) Consider adopting the 2009-2011 model three-year phase-out plan as a flexible guide for resource planning for the corresponding triennium;
- (b) Urge Article 5 countries with approved but not implemented projects, and the relevant implementing and bilateral agencies, to accelerate the pace of implementation during the 2009-2011 triennium;
- (c) Urge bilateral and implementing agencies to work with those countries that have been identified in need of immediate assistance to achieve the 2007 and 2010 Montreal Protocol phase-out targets, and include activities in their 2009-2011 business plans as

appropriate; and

- (d) Request the Secretariat to present an updated model three-year rolling phase-out plan for the years 2010-2012 to the last meeting in 2009 to provide guidance, as relevant, for the preparation of the 2010-2012 business plan of the Multilateral Fund; and
- (e) To note that:
  - (i) In total about 12,197.8 ODP tonnes of ODS consumption and 7,997.0 ODP tonnes of ODS production have yet to be phased out during the remainder of 2008 and in the 2009-2011 triennium;
  - (ii) The 2007 HCFC consumption and production reported by 144 Article 5 countries is 26,367.8 ODP tonnes and 30,581.3 ODP tonnes, respectively. The level of HCFC consumption has been estimated at 32,606 ODP tonnes in 2013, and the HCFC production will follow the demand.
  - (iii) Eighty-six TPMPs for LVC countries, 40 national ODS phase-out plans for non-LVC countries, and 12 phase-out plans in the production sector in 7 non-LVC countries are under current implementation; and
  - (iv) National phase-out plan for one non-LVC country and TPMPs for 10 LVC countries are yet to be submitted for consideration and approval by the Executive Committee.

## Annex I

**SUMMARY OF THE PROJECTS APPROVED AT THE 53<sup>RD</sup>, 54<sup>TH</sup> AND 55<sup>TH</sup> MEETINGS OF  
THE EXECUTIVE COMMITTEE**

<b>Sector/country</b>	<b>Project</b>
<b>Metered dose inhalers</b>	
Mexico	Phase-out of CFC consumption in the manufacture of aerosol MDIs
<b>Foam</b>	
China	Sector plan for phase-out of CFC-11 in the China foam sector (2007 and 2008 annual programmes)
Indonesia	Phase-out of residual CFCs in the foam sector (fourth tranche)
<b>Methyl bromide</b>	
China	National phase-out of methyl bromide (phase II, third tranche)
Colombia	Technical assistance in the methyl bromide sector (fumigants)
Honduras	National methyl bromide phase-out plan, phase II (second tranche)
Kenya	Technology transfer leading to methyl bromide phase-out in soil fumigation
Mexico	National methyl bromide phase-out plan (first tranche)
Morocco	Phase-out of methyl bromide used for soil fumigation in tomato production (fifth tranche)
<b>Halon</b>	
China	Sector plan for halon phase-out in China: 2008 annual programme
Brazil	Phase-out of CTC as process agent in two applications at Braskem
China	Phase-out of the production and consumption of CTC for process agent and other non-identified uses (phase I): 2008 annual programme
China	Sector plan for phase-out of ODS process agent applications (phase II) and corresponding CTC production: 2008 annual programme
<b>Refrigeration</b>	
China	Refrigeration servicing sector CFC phase-out plan (fourth tranche)
India	National CFC consumption phase-out plan focusing on the refrigeration service sector: 2008 work programme
Indonesia	Phase-out of CFCs in the refrigeration sector (manufacturing) (sixth tranche)
<b>Phase-out plans</b>	
Albania	National ODS phase out plan (fourth and fifth tranches)
Algeria	National phase-out plan (first tranche)
Argentina	National CFC phase-out plan: 2008 work programme
Belize	Terminal phase-out management plan for the phase-out of ODS in the refrigeration and air-conditioning sector (first tranche)
Benin	Terminal phase-out management plan (first tranche)
Brazil	National CFC phase-out plan (sixth tranche)
Burkina Faso	Terminal phase-out management plan for CFCs (second tranche)
Burundi	Terminal phase-out management plan (first tranche)
Cambodia	Terminal phase-out management plan for the phase-out of CFCs (first tranche)
Cameroon	Terminal CFC/TCA phase-out management plan (second tranche)
Cape Verde	Terminal phase-out management plan for CFCs (first tranche)
Central African Republic	Terminal phase-out management plan (first tranche)
Chad	Terminal phase-out management plan (first tranche)
Chile	Servicing sector terminal CFC phase-out plan (first tranche)
Congo	Terminal phase-out management plan (first tranche)
Costa Rica	Terminal phase-out management plan for Annex A Group I substances (second tranche)
Cote D'Ivoire	Terminal phase-out management plan (first tranche)
Cuba	National ODS phase-out plan for CFCs: 2006 and 2007 annual implementation plans
Djibouti	Terminal phase out management plan for CFCs (first tranche)
Dominican Republic	Terminal phase-out plan for Annex A (Group I) substances: (fourth tranche)
Egypt	National CFC phase-out plan (third tranche)

## Annex I

<b>Sector/country</b>	<b>Project</b>
El Salvador	Terminal phase-out management plan for Annex A Group I substances (first tranche)
Eritrea	Terminal phase-out management plan for CFCs (first tranche)
Gambia	Terminal phase-out management plan for CFCs (first tranche)
Georgia	Terminal phase-out management plan (second tranche)
Ghana	Terminal phase-out management plan (second tranche)
Grenada	Terminal phase-out management plan (second tranche)
Guinea	Terminal phase-out management plan (first tranche)
Guyana	Terminal phase-out management plan for the phase-out of ODS in the refrigeration and air-conditioning sector (first tranche)
Honduras	Terminal phase-out management plan (first tranche)
Iran	National CFC phase-out plan: 2008 annual implementation programme
Kenya	Terminal CFCs phase-out management plan (second tranche)
Korea, DPR	Implementation of the NPP: regulations, training programme and monitoring (fourth tranche)
Kyrgyzstan	Terminal CFC phase-out management plan (second tranche)
Lao, PDR	Terminal phase-out management plan (first tranche)
Lebanon	National phase-out management plan for Annex-A Group-I substances (CFCs) (fourth and fifth tranches)
Liberia	Terminal phase-out management plan for CFCs (first tranche)
Libya	National ODS phase-out plan: 3rd tranche
Macedonia, FYR	Terminal phase-out management plan for CFCs (third tranche)
Malawi	Terminal phase-out management plan for CFCs (first tranche)
Malaysia	National CFC phase-out plan: 2008 annual programme
Maldives	Terminal phase-out management plan (first tranche)
Mali	Terminal phase-out management plan for CFCs (first tranche)
Mauritania	Terminal phase-out management plan for CFCs (first tranche)
Mongolia	Terminal phase-out management plan (second tranche)
Montenegro	Terminal phase-out plan for CFCs (first tranche)
Niger	Terminal phase out management plan (first tranche)
Nigeria	National CFC phase-out plan (fourth and fifth tranches)
Peru	Terminal phase-out management plan for Annex A Group I substances (first tranche)
Philippines	National CFC phase-out plan: 2008 annual programme
Qatar	Terminal phase-out management plan (first tranche)
Rwanda	Terminal phase-out management plan for CFCs (first tranche)
Samoa	Terminal phase-out management plan (first tranche)
Sao Tome and Principe	Terminal phase-out management plan for CFCs (first tranche)
Saudi Arabia	National phase-out plan
Seychelles	Terminal ODS phase-out management plan (second tranche)
Sudan	National CFC/CTC phase-out plan (third tranche)
Tanzania	Terminal phase-out management plan (first tranche)
Thailand	National CFC phase-out plan: 2007 and 2008 annual implementation plan
Togo	Terminal phase-out management plan for CFCs (first tranche)
Turkey	Total phase-out of CFCs plan: 2007
Uganda	Terminal phase-out management plan (first tranche)
Vietnam	National CFC and halon phase-out plan (third tranche)
Yemen	National ODS phase-out plan (first tranche)
Zambia	Terminal phase-out management plan for CFCs (first tranche)
Zimbabwe	National phase-out of Annex A (Group I) substances (phase II, second tranche)
<b>Solvent/CTC</b>	
China	ODS phase-out in China solvent sector: 2008 annual programme
India	CTC phase-out plan for the consumption and production sectors: 2008 annual programme
Korea, DPR	Plan for terminal phase-out of CTC (sixth tranche)
Pakistan	Sector phase-out plan of CTC (third tranche)
<b>Production</b>	

<b>Sector/country</b>	<b>Project</b>
Argentina	Strategy for gradual phase-out of CFC-11 and CFC-12 production: 2007 and 2008 annual programmes
Argentina	Accelerated phase-out plan for CFC production
China	Sector plan for CFC production phase-out: 2008 annual programme
India	CFC production sector gradual phase-out: 2008 annual implementation plan
Romania	Sector plan for production sector (fourth tranche)
Venezuela	National CFC production closure plan (fifth tranche)





**Annex II****ASSUMPTIONS USED FOR DEVELOPING THE 2009-2011 PHASE-OUT PLAN OF  
THE MULTILATERAL FUND**CFCs

1. For Annex A CFCs, countries were divided into two categories: large-volume-consuming Article 5 countries, or non-LVC countries, (countries with a compliance baseline for Annex A Group I substances greater than 360 ODP tonnes); and low-volume-consuming countries, or LVC countries.

*CFCs for non-LVC countries*

2. The total eligible amount of CFCs needed to enable compliance with the Protocol's CFC phase-out reduction targets by non-LVC countries without an approved sectoral/national phase-out plan will be funded in 2009.

*CFCs for LVC countries*

3. The total amount of CFC phase-out needed to enable compliance with the Protocol's CFC phase-out targets by all LVC countries without approved TPMP is based on the calculated CFC baseline (1,247.7 ODP tonnes) and not on the 2006/2007 consumption reported under Article 7 (152.8 ODP tonnes).

4. The remaining unfunded eligible amount of CFCs will be funded in 2008 and 2009.

*CFC production sector*

5. Projects for the closure of all CFC production facilities have been approved.

Halon

6. The total amount of halon phase-out needed to enable compliance with the Protocol's halon phase-out target by all countries without an approved investment projects, halon banking and/or technical assistance programmes (at the national or regional levels) for the complete phase-out of halons, will be funded between 2008 and 2009.

Methyl bromide

7. The total amounts required to enable compliance with the 20 per cent reduction target in 2005 by 8 countries will be funded in 2009.

8. Except for small MB consumption in two countries that have temporarily been exempted from achieving the 2005 MB phase-out limit (decision XV/12 of the 15<sup>th</sup> Meeting of the Parties), no additional phase-out over the 2009-2011 period is proposed in the model, since the complete phase-out of MB does not come until 2015.

CTC

9. The analysis only includes: countries with an established CTC baseline; countries with CTC consumption reported in 2006 and/or 2007 under Article 7; and countries with no established CTC baseline but with CTC consumption reported in 2006 and/or 2007.

Annex II

10. The total amount of CTC reported under Article 7 is eligible for funding.
11. The total amount of CTC required to enable compliance with the complete phase-out of CTC in 2010 is based on the total calculated CTC baseline (128.7 ODP tonnes) and not on the 2006/2007 consumption reported under Article 7 (1.3 ODP tonnes), and will be funded in 2009.
12. The model has not taken into consideration CTC consumption or production in the following countries:
  - (a) CTC consumption in one country (Venezuela), with a CTC baseline of 1,107.2 ODP tonnes. Before 2000, CTC consumption in the country was relatively low, except for 1995 and 1999 when the reported consumption was 1,708 and 3,321 ODP tonnes, respectively. Since 2000, CTC consumption has been nil. Since the country is a CFC producer and has reported very low consumption of CTC, it would appear that the consumption reported in 1995 and 1999 could have been related with feedstock applications; and
  - (b) CTC production in one country (Brazil with a baseline of 11,629.6 ODP tonnes) because no information is available on the level of controlled uses of CTC (e.g., feedstock), the eligibility for funding (e.g., foreign ownership of the production facilities) and no production was reported for 2004 and 2005.

TCA

13. The analysis only includes countries with an established TCA baseline.
14. The total amount of TCA required to enable compliance with the 70 per cent TCA phase-out reduction target in 2010 is based on the calculated TCA baseline and not on the 2006/2007 consumption reported under Article 7, and will be funded in 2009.
15. The total amount of TCA required to enable compliance with the 70 per cent TCA phase-out reduction target in 2010 will be funded in 2008.
16. The model has not taken into consideration TCA consumption or production in one country (Brazil with a TCA production baseline of 32.4). Since 2000, the TCA production reported by this country has been zero.

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**2009-2012 Phase-out Plan for the Multilateral Fund**  
**Table 1. Analysis of CFC consumption in non-LVC countries (ODP tonnes)**

<b>Country</b>	<b>LatestCons</b>	<b>Baseline</b>	<b>50%Base</b>	<b>15%Base</b>	<b>CFCeligible</b>	<b>CFCapproved</b>	<b>CFCnet</b>	<b>odp2009</b>
(1)	(2)	(3)	(4)=(3)*0.50	(5)=(3)*0.15	(6)	(7)	(8)=(6)-(7)	(9)
<b>Non-LVC countries that might require further assistance to achieve the 2010 phase out targets (Group I)</b>								
Iraq								
<b>Total</b>	-	-	-	-	-	-	-	-
<b>Explanatory notes to the columns of the Table</b> (1) Non-LVC countries with reported CFC consumption data (2) Latest (2005 or 2006) CFC consumption reported to the Ozone Secretariat (3) CFC baseline as reported to the Ozone Secretariat (4) Allowable CFC consumption in 2005 = (3) *0.5 (5) Allowable CFC consumption in 2007 = (3) * 0.15 (6) Total amount of CFCs eligible for funding (as per Decision 35/57 Proviso B) (7) CFC consumption to be phased out in projects approved at and since the 35th Meeting of the Executive Committee (8) Net amount of CFCs eligible for funding (9) Amount of CFCs to be phased out								

**2009-2012 Phase-out Plan for the Multilateral Fund**  
**Table 1 (cont). Analysis of CFC consumption in non-LVC countries (ODP tonnes)**

Country	LatestCons	Baseline	50%Base	15%Base	CFCeligible	CFCapproved	CFCnet	odp2009
(1)	(2)	(3)	(4)=(3)*0.50	(5)=(3)*0.15	(6)	(7)	(8)	(9)
<b>Non-LVC countries with an approved terminal CFC phase out plan (Group II)</b>								
Afghanistan	55.2	380.0	190.0	57.0	177.9	177.9	-	-
Algeria	200.0	2,119.5	1,059.8	317.9	1,052.6	1,052.6	-	-
Argentina	529.0	4,697.3	2,348.6	704.6	2,609.1	2,128.7	160.0	160.0
Bangladesh	196.2	581.6	290.8	87.2	664.4	260.5	-	-
Brazil	318.1	10,525.8	5,262.9	1,578.9	6,228.9	5,801.0	-	-
Chile	19.2	828.7	414.4	124.3	828.7	442.7	-	-
China	5,832.1	57,818.7	28,909.4	8,672.8	4,745.0	2,395.2	423.2	423.2
Colombia	263.1	2,208.2	1,104.1	331.2	1,456.9	973.3	-	-
Congo, DR	48.9	665.7	332.8	99.8	386.6	386.8	-	-
Cuba	83.5	625.1	312.6	93.8	585.7	482.4	-	-
Dominican Republic	46.6	539.9	269.9	81.0	350.8	329.1	-	-
Egypt	241.6	1,668.0	834.0	250.2	784.6	754.5	-	-
India	998.5	6,681.1	3,340.5	1,002.2	2,317.2	2,317.2	-	-
Indonesia	202.6	8,332.7	4,166.3	1,249.9	3,951.4	3,576.9	30.1	30.1
Iran	549.5	4,571.7	2,285.8	685.8	2,511.5	2,526.1	-	-
Jordan	24.0	673.3	336.6	101.0	272.9	202.9	-	-
Korea, DPR	24.5	441.7	220.8	66.3	291.7	192.7	-	-
Lebanon	224.4	725.5	362.8	108.8	312.5	312.5	-	-
Libya	57.5	716.7	358.4	107.5	765.0	147.0	-	-
Macedonia, FYR	-	519.7	259.9	78.0	97.2	49.3	-	-
Malaysia	234.2	3,271.1	1,635.5	490.7	1,744.4	1,878.1	-	-
Mexico	480.6	4,624.9	2,312.4	693.7	3,059.5	1,964.2	-	-
Morocco	24.1	802.3	401.1	120.3	49.8	31.4	-	-
Nigeria	17.5	3,650.0	1,825.0	547.5	2,883.3	2,803.0	-	-
Pakistan	626.0	1,679.4	839.7	251.9	533.9	533.9	-	-
Panama	28.4	384.2	192.1	57.6	299.2	12.4	-	-
Philippines	603.4	3,055.9	1,527.9	458.4	2,527.4	1,771.8	-	-
Romania	-	675.8	337.9	101.4	145.8	145.8	-	-
Saudi Arabia	850.0	1,798.5	899.3	269.8	269.8	269.8	-	-
Serbia	53.5	849.2	424.6	127.4	640.1	449.3	-	-
Sri Lanka	62.2	445.6	222.8	66.8	348.1	366.1	-	-
Sudan	61.0	456.8	228.4	68.5	359.2	12.1	-	-
Syria	282.0	2,224.7	1,112.3	333.7	485.2	485.2	-	-
Thailand	321.6	6,082.1	3,041.0	912.3	3,396.5	3,094.6	-	-
Tunisia	17.7	870.1	435.0	130.5	177.8	177.8	-	-
Turkey	0.2	3,805.7	1,902.9	570.9	1,939.3	977.0	-	-
Venezuela	2,641.8	3,322.4	1,661.2	498.4	2,235.9	1,226.1	-	-
Vietnam	37.8	500.0	250.0	75.0	242.1	281.5	-	-
Yemen	394.7	1,796.1	898.0	269.4	852.0	852.0	-	-
Zimbabwe	54.3	451.4	225.7	67.7	430.2	269.5	-	-
<b>Total</b>	<b>16,705.5</b>	<b>146,066.6</b>	<b>73,033.3</b>	<b>21,910.0</b>	<b>53,010.0</b>	<b>42,110.9</b>	<b>613.3</b>	<b>613.3</b>

**Explanatory notes to the columns of the Table**

- (1) Non-LVC countries with reported CFC consumption data
- (2) Latest (2005 or 2006) CFC consumption reported to the Ozone Secretariat
- (3) CFC baseline as reported to the Ozone Secretariat
- (4) Allowable CFC consumption in 2005 = (3) \* 0.5
- (5) Allowable CFC consumption in 2007 = (3) \* 0.15
- (6) Total amount of CFCs eligible for funding (as per Decision 35/57 Proviso B)
- (7) CFC consumption to be phased out in projects approved at, and since the 35th Meeting of the Executive Committee
- (8) Possible additional funding for medical aerosols (MDIs) or pharmaceutical aerosols that has been foreshadowed in the relevant agreements
- (9) Amount of CFCs to be phased out

**2009-2012 Phase-out Plan for the Multilateral Fund**  
**Table 2. Analysis of CFC consumption in LVC countries (ODP tonnes)**

<b>Country</b>	<b>LatestCons</b>	<b>Baseline</b>	<b>50%Base</b>	<b>15%Base</b>	<b>odp2009</b>
(1)	(2)	(3)	(4)=(3)*0.50	(5)=(3)*0.85	(6)
<b>LVC countries with no RMP (Group I)</b>					
Equatorial Guinea	4.6	31.5	15.8	4.7	31.5
Somalia	79.5	241.4	120.7	36.2	241.4
<b>Subtotal</b>	<b>84.1</b>	<b>272.9</b>	<b>136.4</b>	<b>40.9</b>	<b>272.9</b>
<b>LVC countries with RMP/RMP update approved in accordance to decision 31/48 (Group II)</b>					
Angola	17.0	114.8	57.4	17.2	114.8
Barbados	1.9	21.5	10.8	3.2	21.5
Botswana	0.7	6.8	3.4	1.0	6.8
Brunei Darussalam	9.9	78.2	39.1	11.7	78.2
Ethiopia	4.9	33.8	16.9	5.1	33.8
Guatemala	5.9	224.6	112.3	33.7	224.6
Guinea-Bissau	2.9	26.3	13.2	3.9	26.3
Haiti	9.0	169.0	84.5	25.4	169.0
Mozambique	2.3	18.2	9.1	2.7	18.2
Myanmar	-	54.3	27.2	8.1	54.3
Nicaragua	3.7	82.8	41.4	12.4	82.8
Sierra Leone	10.4	78.6	39.3	11.8	78.6
Suriname	0.1	41.3	20.7	6.2	41.3
Swaziland	-	24.6	12.3	3.7	24.6
<b>Subtotal</b>	<b>68.7</b>	<b>974.8</b>	<b>487.4</b>	<b>146.2</b>	<b>974.8</b>
<b>Total</b>	<b>152.8</b>	<b>1,247.7</b>	<b>623.8</b>	<b>187.2</b>	<b>1,247.7</b>
<b>Explanatory notes to the columns of the Table</b>					
(1) LVC countries					
(2) Latest (2005 or 2006) CFC consumption reported to the Ozone Secretariat					
(3) CFC baseline as reported to the Ozone Secretariat					
(4) Allowable CFC consumption in 2005 = (3) *0.5					
(5) Allowable CFC consumption in 2007 = (3) * 0.15					
(6) Amount of CFCs to be phased out (based on the CFC baseline)					

**2009-2012 Phase-out Plan for the Multilateral Fund**  
**Table 2 (cont.). Analysis of CFC consumption in LVC countries (ODP tonnes)**

Country	LatestCons	Baseline	50%Base	15%Base	odp2009
(1)	(2)	(3)	(4)=(3)*0.50	(5)=(3)*0.85	(6)
<b>LVC countries with total CFC phase-out plans (Group III)</b>					
Albania	4.1	40.8	20.4	6.1	-
Antigua and Barbuda	-	10.7	5.4	1.6	-
Armenia(*)	25.0	196.5	98.3	29.5	-
Bahamas	-	64.9	32.4	9.7	-
Bahrain	32.4	135.4	67.7	20.3	-
Belize	2.2	24.4	12.2	3.7	-
Benin	7.9	59.9	30.0	9.0	-
Bhutan	-	0.2	0.1	0.0	-
Bolivia	2.4	75.7	37.9	11.4	-
Bosnia and Herzegovina	22.1	24.2	12.1	3.6	-
Burkina Faso	4.2	36.3	18.1	5.4	-
Burundi	3.1	59.0	29.5	8.9	-
Cambodia	11.6	94.2	47.1	14.1	-
Cameroon	25.0	256.9	128.4	38.5	-
Cape Verde	-	2.3	1.2	0.3	-
Central African Republic	1.3	11.3	5.7	1.7	-
Chad	5.1	34.6	17.3	5.2	-
Comoros	0.3	2.5	1.3	0.4	-
Congo	1.5	11.9	6.0	1.8	-
Cook Islands	-	1.7	0.9	0.3	-
Costa Rica	27.9	250.2	125.1	37.5	-
Cote D'Ivoire	50.0	294.2	147.1	44.1	-
Croatia	5.0	219.3	109.7	32.9	-
Djibouti	2.2	21.0	10.5	3.2	-
Dominica	-	1.5	0.7	0.2	-
Ecuador	28.3	301.4	150.7	45.2	-
El Salvador	34.7	306.6	153.3	46.0	-
Eritrea	3.1	41.2	20.6	6.2	-
Fiji	-	33.4	16.7	5.0	-
Gabon	-	10.3	5.2	1.5	-
Gambia	0.6	23.8	11.9	3.6	-
Georgia	2.7	22.5	11.2	3.4	-
Ghana	4.2	35.8	17.9	5.4	-
Grenada	-	6.0	3.0	0.9	-
Guinea	2.9	42.4	21.2	6.4	-
Guyana	0.1	53.2	26.6	8.0	-
Honduras	39.7	331.6	165.8	49.7	-
Jamaica	-	93.2	46.6	14.0	-
Kenya	22.7	239.5	119.7	35.9	-
Kiribati	-	0.7	0.4	0.1	-
Kuwait	68.0	480.4	240.2	72.1	-
Kyrgyzstan	4.2	72.9	36.4	10.9	-
Lao, PDR	7.3	43.3	21.7	6.5	-
Lesotho	-	5.1	2.6	0.8	-
Liberia	1.8	56.1	28.1	8.4	-
Madagascar	2.1	47.9	24.0	7.2	-
Malawi	2.3	57.7	28.9	8.7	-
Maldives	-	4.6	2.3	0.7	-

**2009-2012 Phase-out Plan for the Multilateral Fund**  
**Table 2 (cont.). Analysis of CFC consumption in LVC countries (ODP tonnes)**

<b>Country</b>	<b>LatestCons</b>	<b>Baseline</b>	<b>50%Base</b>	<b>15%Base</b>	<b>odp2009</b>
(1)	(2)	(3)	(4)=(3)*0.50	(5)=(3)*0.85	(6)
Mali	11.0	108.1	54.1	16.2	-
Marshall Islands	-	1.2	0.6	0.2	-
Mauritania	1.3	15.7	7.9	2.4	-
Mauritius	-	29.1	14.6	4.4	-
Micronesia	-	1.2	0.6	0.2	-
Moldova	9.2	73.3	36.7	11.0	-
Mongolia	1.0	10.6	5.3	1.6	-
Montenegro	3.5	104.9	52.5	15.7	-
Namibia	-	21.9	10.9	3.3	-
Nauru	-	0.5	0.3	0.1	-
Nepal	-	27.0	13.5	4.1	-
Niger	4.3	32.0	16.0	4.8	-
Niue	-	0.1	0.0	0.0	-
Oman	10.1	248.4	124.2	37.3	-
Palau	0.1	1.6	0.8	0.2	-
Papua New Guinea	4.5	36.3	18.1	5.4	-
Paraguay	12.3	210.6	105.3	31.6	-
Peru	-	289.5	144.8	43.4	-
Qatar	31.4	101.4	50.7	15.2	-
Rwanda	4.1	30.4	15.2	4.6	-
Saint Kitts and Nevis	0.1	3.7	1.8	0.6	-
Saint Lucia	-	8.3	4.2	1.2	-
Saint Vincent/Grenadines	0.2	1.8	0.9	0.3	-
Samoa	-	4.5	2.3	0.7	-
Sao Tome and Principe	0.4	4.7	2.4	0.7	-
Senegal	15.0	155.8	77.9	23.4	-
Seychelles	-	2.8	1.4	0.4	-
Solomon Islands	1.4	2.0	1.0	0.3	-
Tanzania	26.5	253.9	127.0	38.1	-
Togo	5.0	39.8	19.9	6.0	-
Tonga	-	1.3	0.7	0.2	-
Trinidad and Tobago	-	120.0	60.0	18.0	-
Turkmenistan(*)	5.6	37.3	18.7	5.6	-
Tuvalu	-	0.3	0.2	0.0	-
Uganda	-	12.8	6.4	1.9	-
Uruguay	29.3	253.9	126.9	38.1	-
Vanuatu	-	-	-	-	-
Zambia	4.1	27.4	13.7	4.1	-
<b>Total</b>	<b>638.4</b>	<b>6,513.1</b>	<b>3,256.5</b>	<b>977.0</b>	<b>-</b>

**Explanatory notes to the columns of the Table**

- (1) LVC countries
- (2) Latest (2005 or 2006) CFC consumption reported to the Ozone Secretariat
- (3) CFC baseline as reported to the Ozone Secretariat
- (4) Allowable CFC consumption in 2005 = (3) \*0.5
- (5) Allowable CFC consumption in 2007 = (3) \* 0.15
- (6) Amount of CFCs to be phased out (based on the CFC baseline)
- (\*) Phase-out plan funded through the GEF when the country was a non-Article 5 Party

**2009-2012 Phase-out Plan for the Multilateral Fund**  
**Table 3. Analysis of halon consumption (ODP tonnes)**

<b>Country</b>	<b>Baseline</b>	<b>2005Cons</b>	<b>2006Cons</b>	<b>2007Cons</b>	<b>50%Base</b>	<b>odp2009</b>
(1)	(2)	(3)	(4)	(5)	(6)=(2)*0.5	(7)
<b>Countries with a halon baseline that might need assistance to achieve the 2010 phase-out target(Group I)</b>						
Iraq					-	
Somalia	17.7	20.1	18.8	13.2	17.7	17.7
<b>Subtotal</b>	17.7	20.1	18.8	13.2	17.7	17.7
<b>Countries with a halon baseline and no current consumption (Group II)</b>						
Afghanistan	1.9	-	-	-	1.0	
Antigua and Barbuda	0.3	-	-	-	0.1	
Bhutan	0.3	-	-	-	0.1	
Ecuador	5.5	-	-	-	2.7	
El Salvador	0.8	-	-	-	0.4	
Guatemala	0.2	-	-	-	0.1	
Kuwait	3.0	-	-	-	1.5	
Liberia	19.5	-	-	-	9.8	
Moldova	0.4	-	-	-	0.2	
Morocco	7.0	-	-	-	3.5	
Mozambique	0.9	-	-	-	0.5	
Nepal	2.0	-	-	-	1.0	
Sudan	2.0	-	-	-	1.0	
<b>Subtotal</b>	43.7	-	-	-	21.8	
<b>Total</b>	61.4	20.1	18.8	13.2	39.5	17.7

**Explanatory notes to the columns of the Table**

- (1) Article 5 countries with reported halon consumption baseline  
(2) Halon baseline as reported to the Ozone Secretariat  
(3-5) Halon consumption reported to the Ozone Secretariat  
(6) Allowable halon consumption in 2005 = (3) \*0.5  
(7) Amount of halon to be phased out to achieve the 2010 control level (based on the halon baseline)



2009-2012 Phase-out Plan for the Multilateral Fund  
Table 3 (cont.). Analysis of halon consumption (ODP tonnes)

Country	Baseline	2004Cons	2005Cons	2006Cons	50%Base	odp2009
(1)	(2)	(3)	(4)	(5)	(6)=(2)*0.5	(7)
<b>Countries with approved halon banking and/or halon phase-out project (Group III)</b>						
Algeria	237.3	80.0	80.0	67.0	118.7	
Argentina	167.8	3.0	-	0.3	83.9	
Bahamas	-	-	-	-	-	-
Bahrain	38.9	-	-	-	19.4	
Barbados	-	-	-	-	-	-
Benin	3.9	-	-	-	2.0	
Bosnia and Herzegovina	4.1	-	-	-	2.1	
Botswana	5.2	0.3	0.3	-	2.6	
Brazil	21.3	3.0	2.0	1.6	10.7	
Burkina Faso	5.3	-	-	-	2.7	
Cameroon	2.4	1.2	1.2	1.0	1.2	
Chile	8.5	1.2	-	-	4.3	
China	34,186.7	4,516.5	161.0	594.4	17,093.3	
Colombia	187.7	-	-	-	93.8	
Congo	5.0	-	-	-	2.5	
Congo, DR	218.7	22.8	6.8	2.6	109.3	
Croatia	30.1	-	-	-	15.1	
Dominican Republic	4.2	-	-	-	2.1	
Egypt	705.0	145.0	44.0	-	352.5	
Eritrea	2.3	0.3	-	-	1.2	
Ethiopia	1.1	0.4	0.1	-	0.5	
Georgia	42.5	16.5	-	-	21.3	
Grenada	-	-	-	-	-	-
Guinea	8.6	-	-	-	4.3	
Guyana	0.2	-	-	-	0.1	
Haiti	1.5	-	-	-	0.8	
India	1,249.4	-	-	-	624.7	
Indonesia	354.0	-	-	-	177.0	
Iran	1,420.0	-	-	-	710.0	
Jamaica	1.0	-	-	-	0.5	
Jordan	210.0	47.0	36.0	-	105.0	
Kenya	5.3	-	-	-	2.7	
Kyrgyzstan	-	-	-	-	-	-
Lebanon	-	-	-	-	-	-
Lesotho	0.2	-	-	-	0.1	
Libya	633.1	714.5	304.5	291.5	316.5	
Macedonia, FYR	32.1	-	-	-	16.0	
Malaysia	8.0	-	-	-	4.0	
Mexico	124.6	52.8	51.6	-	62.3	
Montenegro	2.3	-	-	-	1.2	
Namibia	8.3	-	-	-	4.1	
Nigeria	285.3	-	-	-	142.7	
Oman	13.7	-	-	-	6.8	
Pakistan	14.2	-	-	-	7.1	
Philippines	103.9	-	-	-	52.0	
Qatar	10.7	-	-	-	5.3	
Romania	3.5	-	-	-	1.7	
Saudi Arabia	1,064.0	-	-	-	532.0	
Serbia	3.8	0.9	-	-	1.9	
Sierra Leone	16.0	-	-	-	8.0	
Sri Lanka	-	-	-	-	-	-
Syria	416.9	79.0	56.0	-	208.4	
Tanzania	0.3	-	-	-	0.2	
Thailand	271.7	10.9	-	10.1	135.8	
Trinidad and Tobago	46.6	-	-	-	23.3	
Tunisia	104.3	39.0	-	-	52.2	
Turkey	141.0	30.0	30.0	-	70.5	
Vietnam	37.1	-	-	-	18.5	
Yemen	140.0	0.3	1.2	-	70.0	
Zimbabwe	1.5	-	-	-	0.8	
<b>Total</b>	<b>42,610.9</b>	<b>5,764.6</b>	<b>774.7</b>	<b>968.5</b>	<b>21,305.5</b>	<b>-</b>

**Explanatory notes to the columns of the Table**

- (1) Article 5 countries with reported halon consumption baseline  
(2) Halon baseline as reported to the Ozone Secretariat  
(3-5) Halon consumption reported to the Ozone Secretariat  
(6) Allowable halon consumption in 2005 = (3) \*0.5  
(7) Amount of halon to be phased out to achieve the 2010 control level (based on the halon baseline)

**2009-2012 Phase-out Plan for the Multilateral Fund**  
**Table 4. Analysis of MB consumption (ODP tonnes)**

<b>Country</b>	<b>LatestCons</b>	<b>Baseline</b>	<b>80%Base</b>	<b>odp2009</b>
(1)	(2)	(3)	(4)=(3)*0.80	(5)
<b>Countries that have not received assistance to achieve the 2005 MB phase out target (Group I)</b>				
Bahamas	-	0.2	0.1	0.0
Barbados	-	0.1	0.1	0.0
Guyana	-	1.4	1.1	0.3
Mozambique	0.4	3.4	2.7	0.7
Tunisia (*)	6.6	8.3	6.6	1.7
Turkmenistan	-	3.6	2.9	0.7
Vanuatu		0.2	0.2	0.0
Zambia	6.0	29.3	23.5	5.9
<b>Total</b>	<b>13.0</b>	<b>46.4</b>	<b>37.1</b>	<b>9.3</b>
<b>Explanatory notes to the columns of the Table</b>				
(1) Article 5 countries				
(2) Latest (2005 or 2006) MB consumption reported to the Ozone Secretariat				
(3) MB baseline as reported to the Ozone Secretariat				
(4) Allowable MB consumption in 2005 = (3) *0.8				
(5) Amount of MB to be phased out annually (based on the MB baseline)				
(*) Decision XV/12				

2009-2012 Phase-out Plan for the Multilateral Fund  
Table 4 (cont.). Analysis of MB consumption (ODP tonnes)

Country	LatestCons	Baseline	80%Base	RemUnfunded	odp2009
(1)	(2)	(3)	(4)=(3)*0.80	(5)	(6)
<b>Countries with approved projects that would as a minimum enable compliance with the 2005 MB limit (Group II)</b>					
Algeria	2.0	4.8	3.8	2.0	
Argentina	297.5	411.3	329.0	18.0	
Chile	168.0	212.5	170.0	170.0	
Congo	-	0.9	0.7	0.7	
Congo, DR	-	1.4	1.2	1.1	
Ecuador	122.4	66.2	53.0	14.1	
Egypt	186.0	238.1	190.4	131.4	
Guatemala	290.8	400.7	320.6	320.6	
Kenya	17.4	217.5	174.0	14.0	
Morocco	263.8	697.2	557.8	164.9	
Nigeria	-	2.8	2.3	2.2	
Sudan	1.8	3.0	2.4	2.4	
Swaziland	-	0.6	0.5	0.5	
Turkey	-	479.7	383.8	20.4	
Yemen	35.7	57.5	46.0	46.0	
<b>Subtotal</b>	<b>1,385.4</b>	<b>2,794.2</b>	<b>2,235.3</b>	<b>908.3</b>	
<b>Countries with approved projects for complete phase out of MB (Group III)</b>					
Bolivia	-	0.6	0.5		
Bosnia and Herzegovina	-	3.5	2.8		
Botswana	-	0.1	0.1		
Brazil	100.4	711.6	569.3		
Cambodia	-	-	-		
Cameroon	5.1	18.1	14.5		
China (*)	405.0	1,102.1	881.6	100.0	
Colombia	-	110.1	88.1		
Costa Rica	238.1	342.5	274.0		
Cote D'Ivoire	-	8.1	6.5		
Croatia	-	15.7	12.6		
Cuba	4.8	50.5	40.4		
Dominican Republic	-	104.2	83.4		
El Salvador	-	-	0.7		
Fiji	0.4	0.7	0.6		
Georgia	1.8	13.7	10.9		
Honduras	248.2	259.4	207.5		
Indonesia	9.6	40.7	32.5		
Iran	4.2	26.7	21.4		
Jamaica	1.5	4.9	3.9		
Jordan	39.0	176.3	141.0		
Korea, DPR	-	30.0	24.0		
Kyrgyzstan	-	14.2	11.3		
Lebanon	18.1	236.4	189.1		
Libya	67.6	94.1	75.3		
Macedonia, FYR	-	12.2	9.8		
Madagascar	-	2.6	2.1		
Malawi	-	112.7	90.2		
Malaysia	10.5	14.6	11.7		
Mauritius	-	0.1	0.1		
Mexico	894.6	1,130.8	904.6		
Moldova	-	7.0	5.6		
Nicaragua	-	0.4	0.3		
Oman	-	1.0	0.8		
Pakistan	-	14.0	11.2		
Papua New Guinea	-	0.3	0.3		
Paraguay	-	0.9	0.7		
Peru	-	1.3	1.0		
Philippines	4.3	10.3	8.3		
Romania	-	111.5	89.2		
Saint Kitts and Nevis	-	0.3	0.2		
Saudi Arabia	-	0.6	0.5		
Senegal	-	53.2	42.5		
Sierra Leone	-	2.6	2.1		
Sri Lanka	-	4.1	3.3		
Syria	45.0	188.6	150.8		
Thailand	-	183.0	146.4		
Trinidad and Tobago	0.4	1.7	1.4		
Uganda	-	6.3	5.0		
Uruguay	8.4	11.2	9.0		
Venezuela	-	10.3	8.2		
Vietnam	92.4	136.5	109.2		
Zimbabwe	21.6	557.0	445.6		
<b>Subtotal</b>	<b>2,221.0</b>	<b>5,938.9</b>	<b>4,752.0</b>	<b>100.0</b>	<b>-</b>
<b>Total</b>	<b>3,606.4</b>	<b>8,733.1</b>	<b>6,987.3</b>	<b>1,008.3</b>	<b>-</b>
<b>Explanatory notes to the columns of the Table</b>					
(1) Article 5 countries					
(2) Latest (2005 or 2006) MB consumption reported to the Ozone Secretariat					
(3) MB baseline as reported to the Ozone Secretariat					
(4) Allowable MB consumption in 2005 = (3) *0.8					
(5) Remaining MB consumption eligible for funding					
(6) Amount of MB to be phased out annually (based on the MB baseline)					
(*) Possible additional funding for 100 ODP tonnes of MB used as a soil fumigant in ginseng crop					

**2009-2012 Phase-out Plan for the Multilateral Fund**  
**Table 4 (cont.). Analysis of MB consumption (ODP tonnes)**

<b>Country</b>	<b>LatestCons</b>	<b>Baseline</b>	<b>80%base</b>	<b>odp2009</b>
(1)	(2)	(3)	(4)=(3)*0.80	(5)
<b>Countries with MB baseline equal to zero, or no calculated baseline or with no current consumption (Group IV)</b>				
Afghanistan	-	-		
Albania	-	-		
Antigua and Barbuda	-	-		
Armenia(*)	-	-		
Bahrain	-	-		
Bangladesh	-	-		
Belize	-	-		
Benin	-	-		
Burkina Faso	-	-		
Burundi	-	-		
Central African Republic	-	-		
Chad	-	-		
Comoros	-	-		
Dominica	-	-		
Djibouti	-	-		
Equatorial Guinea	-	-		
Eritrea	-	0.5		
Gabon	-	-		
Gambia	-	-		
Ghana	-	-		
Guinea-Bissau	-	-		
Haiti	-	-		
India	-	-		
Iraq	-	-		
Kiribati	-	-		
Kuwait	-	-		
Lao, PDR	-	-		
Maldives	-	-		
Mali	-	-		
Mauritania	-	-		
Mongolia	-	-		
Namibia	-	0.8	0.6	
Nauru	-	-		
Niger	-	-		
Palau	-	-		
Panama	-	-		
Qatar	-	-		
Rwanda	-	-		
Saint Vincent and the Grenadines	-	-		
Sao Tome and Principe	-	-		
Serbia	-	-		
Seychelles	-	-		
Solomon Islands	-	-		
Somalia	-	0.5	0.4	
Suriname	-	-		
Tanzania	-	-		
Togo	-	-		
Tonga	-	0.2	0.1	
Tuvalu	-	-		
Samoa	-	-		
Turkmenistan	5.6	-		
<b>Countries that are not yet Parties to the Copenhagen Amendment (Group V)</b>				
Angola	-	-	-	
Brunei Darussalam	-	-		
Ethiopia	0.1	15.6	12.5	
Guinea	-	-		
Lesotho	-	0.1	0.1	
Myanmar	-	3.4	2.7	
Nepal	-	-		
<b>Explanatory notes to the columns of the Table</b>				
(1) Article 5 countries				
(2) Latest (2005 or 2006) MB consumption reported to the Ozone Secretariat				
(3) MB baseline as reported to the Ozone Secretariat				
(4) Allowable MB consumption in 2005 = (3) *0.8				
(5) Amount of MB to be phased out annually (based on the MB baseline)				
(*) At its 47th Meeting, the Committee decided that support for achieving compliance should be provided under UNEP CAP				

**2009-2012 Phase-out Plan for the Multilateral Fund**  
**Table 5. Analysis of CTC consumption (ODP tonnes)**

Country	Baseline	2005Cons	2006Cons	2007Cons	15%Base	odp2009
(1)	(2)	(3)	(4)	(5)	(6)=(2)*0.8	(7)
<b>Countries that have not received assistance to achieve the 2005 CTC phase out target (Group I)</b>						
Bahamas	-	-	-	-	-	-
Dominican Republic	29.0	-	-	-	24.7	24.7
Ecuador	0.5	-	-	-	0.4	0.4
Guatemala	10.6	-	-	-	9.0	9.0
Kenya	65.9	0.2	0.3	0.1	56.0	56.0
Liberia	0.2	-	-	-	0.2	0.2
Macedonia, FYR	0.1	-	-	-	0.1	0.1
Peru	1.0	-	-	-	0.9	0.9
Serbia	18.8	1.7	1.4	1.1	16.0	16.0
Sierra Leone	2.6	-	-	0.1	2.2	2.2
<b>Subtotal</b>	<b>128.7</b>	<b>1.9</b>	<b>1.7</b>	<b>1.3</b>	<b>109.4</b>	<b>109.4</b>
<b>Countries with an approved CTC phase out plan/project (Group II)</b>						
Afghanistan	0.9	0.1	0.1	-	-	-
Albania	3.1	-	-	-	-	-
Algeria	20.9	2.2	2.2	2.0	-	-
Argentina	187.2	20.4	9.9	13.0	-	-
Bahrain	0.7	-	-	-	-	-
Bangladesh	5.7	0.8	0.1	-	-	-
Bolivia	0.3	0.1	0.2	0.2	-	-
Brazil	411.6	-	0.1	50.3	-	-
Chile	0.6	0.1	0.1	0.7	-	-
China	38,220.6	1,060.3	774.4	265.1	-	-
Colombia	6.1	0.3	0.7	0.6	-	-
Congo	0.6	-	-	-	-	-
Congo, DR	15.3	16.5	16.5	2.2	-	-
Croatia	3.9	0.3	1.0	0.5	-	-
Cuba	2.7	-	-	1.6	-	-
Egypt	38.5	5.5	5.5	-	-	-
Ethiopia	-	-	0.1	-	-	-
Ghana	0.4	-	-	-	-	-
India	11,505.4	1,644.0	1,127.5	707.3	-	-
Indonesia	-	-	-	1.1	-	-
Iran	77.0	13.6	11.0	-	-	-
Jamaica	2.8	-	-	-	-	-
Jordan	40.3	2.2	1.1	0.7	-	-
Korea, DPR	1,285.2	191.4	-	-	-	-
Kuwait	-	-	-	-	-	-
Madagascar	-	-	-	-	-	-
Malaysia	4.5	-	-	-	-	-
Mexico	62.5	89.5	0.1	79.1	-	-
Montenegro	1.1	-	0.1	-	-	-
Morocco	1.1	-	0.1	-	-	-
Nepal	0.9	0.1	0.1	0.1	-	-
Nigeria	152.8	-	-	-	-	-
Oman	0.1	-	-	-	-	-
Pakistan	412.9	148.5	41.8	-	-	-
Paraguay	0.6	0.7	-	0.1	-	-
Romania	368.6	-	-	-	-	-
Saint Vincent/Grenadines	-	-	-	-	-	-
Saudi Arabia	259.2	-	-	-	-	-
Sri Lanka	35.1	3.6	-	-	-	-
Sudan	2.2	0.3	-	-	-	-
Tanzania	0.1	-	-	-	-	-
Thailand	7.5	-	-	-	-	-
Tunisia	2.9	0.3	-	-	-	-
Turkey	105.1	2.2	0.9	-	-	-
Uganda	0.4	-	-	-	0.3	0.3
Uruguay	0.4	-	-	-	-	-
Venezuela(*)	1,107.2	-	140.3	-	-	-
Vietnam	1.6	0.1	-	-	-	-
Zambia	0.7	-	-	-	-	-
Zimbabwe	11.6	-	-	-	-	-
<b>Total</b>	<b>54,368.9</b>	<b>3,203.1</b>	<b>2,133.9</b>	<b>1,124.6</b>	<b>0.3</b>	<b>0.3</b>
<b>Total</b>	<b>54,497.6</b>	<b>3,205.0</b>	<b>2,135.6</b>	<b>1,125.9</b>	<b>109.7</b>	<b>109.7</b>

**Explanatory notes to the columns of the Table**

(1) Article 5 countries with reported CTC consumption data

(2) CTC baseline as reported to the Ozone Secretariat

(3-5) CTC consumption reported to the Ozone Secretariat

(6) Total amount of CTC to be phased out to achieve the 2005 control level (based on the CTC baseline) = (3) \* 0.15

(7) Amount of CTC to be phased out annually

(\*) The CTC baseline of Venezuela is 1,107.2 ODP tonnes. It appears that consumption reported in baseline year was for feedstock

**2009-2012 Phase-out Plan for the Multilateral Fund**  
**Table 6. Analysis of TCA consumption (ODP tonnes)**

Country	Baseline	2005Cons	2006Cons	2007Cons	15%Base	odp2009
(1)	(2)	(3)	(4)	(5)	(6)=(2)*0.3	(7)
<b>Countries that have not received assistance to achieve the 2005 TCA phase out target (Group I)</b>						
Brazil	32.4	-	-	-	22.7	22.7
Cambodia	0.5	0.1	0.3	0.3	0.4	0.4
Colombia	0.6	-	-	-	0.4	0.4
Dominican Republic	3.6	-	-	-	2.5	2.5
Ecuador	2.0	0.8	-	-	1.4	1.4
Haiti	0.2	-	-	-	0.1	0.1
India	122.2	-	-	-	85.5	85.5
Kenya	1.1	-	0.1	0.1	0.8	0.8
Korea, DPR	7.7	-	-	-	5.4	5.4
Mexico	56.4	-	-	0.1	39.5	39.5
Trinidad and Tobago	0.7	-	-	-	0.5	0.5
<b>Subtotal</b>	<b>227.4</b>	<b>0.9</b>	<b>0.4</b>	<b>0.5</b>	<b>159.2</b>	<b>159.2</b>
<b>Countries with an approved TCA phase out plan/project (Group II)</b>						
Albania	-	-	-	-	-	-
Algeria	5.8	4.0	4.0	4.0	-	-
Argentina	65.7	21.4	15.3	17.4	-	-
Bahrain	22.7	-	-	-	-	-
Bangladesh	0.9	0.5	0.5	-	-	-
Bosnia and Herzegovina	1.5	-	-	-	-	-
Burundi	0.1	-	-	-	-	-
Cameroon	8.2	5.7	0.6	-	-	-
Chile	6.4	5.2	4.5	3.5	-	-
China	721.2	186.6	279.9	251.1	-	-
Congo, DR	4.8	4.0	4.0	3.3	-	-
Egypt	26.0	15.0	12.5	-	-	-
Ethiopia	0.5	-	-	-	-	-
Indonesia	13.3	-	-	-	-	-
Iran	8.7	4.3	4.0	0.5	-	-
Jamaica	1.4	-	-	-	-	-
Jordan	18.2	4.0	2.2	0.1	-	-
Kuwait	-	-	-	-	-	-
Malaysia	49.5	3.3	5.1	5.8	-	-
Mauritius	0.1	-	-	-	-	-
Morocco	0.1	-	-	-	-	-
Nigeria	32.9	-	-	-	-	-
Pakistan	2.3	-	-	-	1.6	0.8
Saint Vincent/Grenadines	-	-	-	-	-	-
Saudi Arabia	29.8	-	-	-	-	-
Sri Lanka	3.0	-	-	-	-	-
Sudan	2.2	-	-	-	-	-
Thailand	54.6	-	-	-	-	-
Tunisia	0.1	-	-	-	-	-
Turkey	37.4	5.9	-	-	-	-
Venezuela	4.6	1.7	-	-	-	-
Vietnam	0.2	-	-	-	-	-
Yemen	0.9	-	-	-	-	-
Zambia	0.1	-	-	-	-	-
Zimbabwe	-	-	-	-	-	-
<b>Subtotal</b>	<b>1,123.2</b>	<b>261.6</b>	<b>332.6</b>	<b>285.7</b>	<b>1.6</b>	<b>0.8</b>
<b>Total</b>	<b>1,350.6</b>	<b>262.5</b>	<b>333.0</b>	<b>286.2</b>	<b>160.8</b>	<b>160.0</b>

**Explanatory notes to the columns of the Table**

(1) Article 5 countries with reported TCA consumption data

(2) TCA baseline as reported to the Ozone Secretariat

(3-5) TCA consumption reported to the Ozone Secretariat

(6) Total amount of TCA to be phased out to achieve the 2010 control level based on the TCA baseline) = (2) \* 0.7

(7) Amount of TCA to be phased out annually

**2009-2012 Phase-out Plan for the Multilateral Fund**  
**Table 7. HCFC consumption and production (ODP tonnes)**

Country	2002Cons	2003Cons	2004Cons	2005Cons	2006Cons	2007Cons
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<b>Consumption</b>						
Afghanistan			3.2	4.1	4.8	6.1
Albania	-	-	-	-	-	2.5
Algeria	6.6	6.6	6.6	6.6	6.6	6.6
Angola	5.0	5.5	6.6	7.2	-	-
Antigua and Barbuda	0.3	0.2	0.7	0.6	0.5	0.9
Argentina	44.6	147.5	160.1	203.1	248.7	342.5
Armenia	1.7	1.7	2.9	3.0	3.8	4.4
Bahamas	2.7	3.2	5.0	5.6	4.9	5.8
Bahrain	40.9	33.9	19.8	27.0	28.7	
Bangladesh	7.3	-	9.1	13.2	20.7	
Barbados	2.2	2.9	2.6	2.6	2.6	2.9
Belize	-	-	-	-	-	1.0
Benin	0.5	0.5	0.3	0.3	0.3	0.3
Bhutan			-	-	-	0.1
Bolivia	1.6	2.9	3.4	2.8	3.1	4.0
Bosnia and Herzegovina	0.2	0.1	0.1	10.1	4.0	5.5
Botswana	1.8	2.2	2.3	3.1	6.9	
Brazil	716.0	766.0	857.6	847.2	874.4	1,545.2
Brunei Darussalam	2.9	1.4	3.1	2.6	0.8	0.5
Burkina Faso	-	-	-	-	-	4.0
Burundi	-	-	1.0	0.7	0.8	1.2
Cambodia	2.3	2.8	4.2	6.2	6.0	8.0
Cameroon	1.3	1.2	1.3	4.4	9.4	10.2
Cape Verde	-	-	-	-	0.1	0.1
Central African Republic	0.2	0.2	0.2	0.3	0.3	0.3
Chad	0.2	0.1	0.2	0.3	-	0.1
Chile	52.6	37.9	70.2	73.7	79.6	78.8
China	5,788.8	7,808.7	10,379.6	11,651.8	16,077.5	17,876.9
Colombia	89.9	109.2	124.6	152.1	160.5	206.2
Comoros	0.1	0.1	0.1	0.1	0.1	0.1
Congo	1.5	1.7	0.2	0.4	0.5	0.4
Congo, DR	0.8	-	-	-	6.6	3.9
Cook Islands		-	-	-	-	
Costa Rica	8.0	12.4	9.4	10.3	10.2	15.8
Cote D'Ivoire	2.7	2.7	3.0	5.9	5.9	6.3
Croatia	4.6	2.0	7.7	10.4	0.5	7.7
Cuba	4.6	3.6	6.8	16.2	15.8	14.4
Djibouti	-	-	-	1.4	-	-
Dominica	0.1	0.1	0.1	0.5	0.1	-
Dominican Republic	-	12.0	31.8	35.0	55.3	51.2
Ecuador	-	-	13.1	-	-	-
Egypt	120.1	111.5	155.0	173.5	256.0	433.2
El Salvador	6.5	7.7	5.5	19.5	20.4	16.7
Equatorial Guinea	0.4	0.3	0.4	0.4	0.3	0.4
Eritrea				1.7	0.1	0.7
Ethiopia	-	-	-	-	-	-
Fiji	5.0	0.1	3.9	5.1	4.7	4.1
Gabon	1.9	1.9	1.7	1.5	3.3	4.1
Gambia	0.2	0.2	-	0.2	0.1	0.1
Georgia	0.9	0.9	1.1	1.1	1.6	1.8
Ghana	2.8	5.3	11.9	7.7	21.1	19.4
Grenada	0.2	0.2	0.5	0.1	0.3	0.2
Guatemala	3.5	2.2	6.5	5.9	9.2	6.1
Guinea	-	-	-	-	-	1.0

**2009-2012 Phase-out Plan for the Multilateral Fund**  
**Table 7. HCFC consumption and production (ODP tonnes)**

Country	2002Cons	2003Cons	2004Cons	2005Cons	2006Cons	2007Cons
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Guinea-Bissau	-	0.9	-	1.4	-	0.2
Guyana	1.3	1.2	1.0	2.5	0.4	0.5
Haiti	16.5	3.6	8.1	4.1	4.4	0.4
Honduras	12.0	5.9	10.9	10.0	12.2	17.2
India	331.0	360.4	449.1	724.5	592.5	1,320.6
Indonesia	218.0	225.5	276.9	308.6	299.9	286.8
Iran	153.7	94.4	153.1	192.9	166.5	191.4
Iraq						
Jamaica	6.3	5.4	5.6	-	0.7	1.4
Jordan	28.9	27.8	18.2	28.4	46.6	55.7
Kenya	24.2	25.7	26.9	33.5	42.5	48.5
Kiribati	-	-	-	-	-	
Korea, DPR	-	-	-	-	-	
Kuwait	166.7	203.2	252.8	221.2	286.3	359.9
Kyrgyzstan	0.2	0.5	0.7	0.7	0.8	1.6
Lao, PDR	0.6	0.6	-	1.8	1.6	1.6
Lebanon	21.8	20.1	19.0	18.6	21.3	
Lesotho	1.0	0.9	0.9	0.8	1.4	7.7
Liberia	1.7	1.5	1.3	0.8	1.2	1.9
Libya	0.6	3.0	12.0	25.5	28.5	36.5
Macedonia, FYR	3.9	6.0	4.8	1.9	2.4	1.2
Madagascar	0.6	0.6	2.6	2.6	1.7	2.1
Malawi	1.0	1.1	0.7	1.5	3.0	2.8
Malaysia	339.1	324.8	333.7	360.0	383.7	413.7
Maldives	1.2	2.0	2.2	2.7	3.3	4.4
Mali	2.3	2.4	2.5	2.5	1.3	1.4
Marshall Islands	0.1	0.1	0.1	-	0.1	0.2
Mauritania	1.8	-	1.3	1.2	1.2	1.4
Mauritius	7.1	12.3	12.3	9.2	7.6	8.6
Mexico	792.4	728.3	1,317.8	1,179.3	1,284.9	1,424.7
Micronesia	0.3	0.3	0.4	0.1	0.1	
Moldova	-	-	1.5	0.9	0.7	2.1
Mongolia	0.4	0.5	0.4	0.6	0.4	0.7
Montenegro					1.3	0.7
Morocco	1.9	5.4	40.7	31.9	49.8	33.2
Mozambique	-	0.4	0.3	0.3	-	1.3
Myanmar	2.2	2.1	3.4	0.2	1.3	2.4
Namibia	-	-	-	-	-	11.8
Nauru	-	-	-	-	-	
Nepal	1.7	-	-	-	1.1	1.1
Nicaragua	1.8	2.3	2.2	3.4	0.9	0.2
Niger	1.0	0.9	-	0.9	0.8	1.0
Nigeria	60.7	66.2	66.8	31.5	35.8	96.0
Niue		-	-	-	-	
Oman	15.8	16.9	20.0	19.8	32.2	19.5
Pakistan	46.3	58.2	14.0	5.3	65.5	
Palau	0.1	0.1	0.1	-	-	-
Panama	9.4	16.2	17.8	20.5	21.1	15.1
Papua New Guinea	3.8	3.6	3.8	3.7	4.0	5.0
Paraguay	5.7	6.7	2.7	15.5	8.8	14.7
Peru	7.0	12.7	14.9	21.7	12.3	43.4
Philippines	142.8	191.1	171.1	210.5	200.9	
Qatar	5.1	12.5	12.7	15.0	15.0	23.5
Rwanda	0.3	0.3	0.3	1.0	1.0	1.4
Saint Kitts and Nevis	0.7	0.4	0.5	0.2	0.5	0.5



**2009-2012 Phase-out Plan for the Multilateral Fund**  
**Table 7. HCFC consumption and production (ODP tonnes)**

<b>Country</b>	<b>2002Cons</b>	<b>2003Cons</b>	<b>2004Cons</b>	<b>2005Cons</b>	<b>2006Cons</b>	<b>2007Cons</b>
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Saint Lucia	0.1	-	0.1	-	0.1	-
Saint Vincent/Grenadines	0.4	0.3	0.8	0.5	1.1	-
Samoa	0.4	0.2	0.4	0.2	0.2	0.2
Sao Tome and Principe	0.1	0.1	0.1	-	-	-
Saudi Arabia	138.4	176.0	212.9	239.3	735.8	
Senegal	10.4	8.5	9.4	9.5	9.6	9.5
Serbia	6.6	-	14.6	18.8	9.1	9.2
Seychelles	164.6	0.5	0.5	0.4	0.6	2.3
Sierra Leone	2.2	2.0	1.6	1.0	1.4	1.5
Singapore	124.1	188.6	192.3	149.0	329.9	151.8
Solomon Islands	5.2	0.2	0.4	0.2	1.0	
Somalia	1.1	1.2	1.5	2.0	2.7	
South Africa	168.4	253.7	173.1	209.9	222.6	355.0
Sri Lanka	8.8	7.0	14.2	9.7	12.4	15.4
Sudan	-	-	-	-	-	8.6
Suriname	5.0	0.1	0.4	1.0	1.3	2.6
Swaziland	0.5	0.3	0.4	4.5	1.0	5.6
Syria	10.8	34.6	44.7	60.2	48.8	45.3
Tanzania	-	-	-	0.1	-	2.0
Thailand	961.8	1,114.7	988.8	900.5	869.6	4.7
Togo	-	4.0	3.7	3.1	2.6	4.9
Tonga	0.2	-	0.1	-	-	-
Trinidad and Tobago	28.2	11.5	19.7	33.7	69.7	45.4
Tunisia	29.8	24.5	31.9	30.3	36.2	31.3
Turkey	275.2	357.6	493.7	574.9	849.6	
Turkmenistan	0.4	1.0	0.8	3.8	5.6	2.7
Tuvalu	-	-	-	-	-	-
Uganda	1.7	0.2	0.1	0.3	-	-
Uruguay	7.6	9.0	13.0	12.9	15.7	18.0
Vanuatu	-	-	-	-	-	-
Venezuela	98.5	75.3	229.6	97.2	124.9	176.6
Vietnam	66.1	104.5	120.7	130.2	156.4	168.0
Yemen	50.1	53.5	62.7	69.5	102.7	122.4
Zambia	0.8	0.8	0.8	0.8	0.7	0.7
Zimbabwe	4.1	3.4	3.6	7.9	9.6	16.4
<b>Total consumption</b>	<b>11,546.1</b>	<b>13,987.9</b>	<b>17,848.1</b>	<b>19,416.1</b>	<b>25,227.5</b>	<b>26,367.8</b>
<b>Production</b>						
Argentina	-	-	31.0	19.4	11.2	45.0
Brazil	-	-	-	(0.3)	-	-
China	8,650.5	11,745.2	15,447.1	18,101.2	24,265.2	27,482.4
India	803.3	1,056.9	1,356.9	1,313.4	1,589.0	2,211.7
Mexico	272.1	281.4	281.4	482.7	687.8	778.3
Venezuela	27.1	24.4	54.7	29.7	55.2	63.9
<b>Total production</b>	<b>9,753.0</b>	<b>13,107.9</b>	<b>17,171.1</b>	<b>19,946.1</b>	<b>26,608.4</b>	<b>30,581.3</b>
<b>Explanatory notes to the columns of the Table</b>						
(1) Article 5 countries						
(2-7) HCFC reported to the Ozone Secretariat from 2002 to 2007.						

**2009-2012 Phase-out Plan for the Multilateral Fund**  
**Table 8. ODP to be phased out from multiyear agreements (ODP tonnes)**

Country	Sector	Agency	Total (*)	2007	2008	2009	2010	2011	2012
<b>Consumption sector</b>									
Afghanistan	ODS phase-out (CFC)	Germany	57.0	16.0	11.0	30.0			
Albania	ODS phase-out	UNIDO	2.2			2.2			
Algeria	ODS phase-out (CFC)	UNIDO	150.0		50.0	100.0			
Algeria	ODS phase-out (CTC)	UNIDO	2.0		1.0	1.0			
Algeria	ODS phase-out (halon)	UNIDO	70.0		10.0	60.0			
Algeria	ODS phase-out (TCA)	UNIDO	3.5		0.5	3.0			
Antigua and Barbuda	CFC phase-out	IBRD	1.8	0.8	0.5	0.5			
Argentina	CFC phase-out	UNIDO	1,109.5		400.0	350.0	359.5		
Argentina	MB	UNIDO	242.0			57.6			
Bahrain	CFC phase-out	UNDP	20.3			20.3			
Bangladesh	ODS phase-out (CFC)	UNDP	224.5	189.3	6.4	28.8			
Bangladesh	ODS phase-out (CTC, TCA)	UNDP	7.1	7.1					
Belize	ODS phase-out	UNDP	3.7			3.7			
Benin	CFC phase-out	UNIDO	4.0			4.0			
Bolivia	ODS phase-out	Canada	22.8		11.4	11.4			
Bosnia and Herzegovina	ODS phase-out (CFC)	UNIDO	3.0		3.0				
Brazil	CFC phase-out	UNDP	1,000.0		576.0	350.0	74.0		
Burundi	CFC phase-out	UNIDO	3.1			3.1			
Cambodia	ODS phase-out	UNDP	10.0		3.5	6.5			
Cameroon	ODS phase-out plan (CFC)	UNIDO	21.0			11.0	10.0		
Cameroon	ODS phase-out plan (TCA)	UNIDO	3.0				3.0		
Cape verde	ODS phase-out	UNEP	0.4			0.4			
Central African Republic	CFC phase-out	France	0.6			0.6			
Chad	ODS phase-out	UNDP	5.2			5.2			
Chile	CFC phase-out	Canada	91.4			91.4			
China	Foam	IBRD	400.0		400.0				
China	Refrigeration servicing	UNIDO	1,816.0		680.0	531.0	605.0		
China	Halon consumption	IBRD	1,000.0				1,000.0		
China	MB	Italy	390.0			140.0	41.0	33.0	26.0
China	MB	UNIDO	0.0						
China	Process agent (CFC)	IBRD	8.4		8.4				
China	Process agent I (CTC)	IBRD	1,220.0				1,220.0		
China	Process agent II (CTC)	IBRD	5,951.0			5,951.0			
China	Solvent (TCA)	UNDP	169.0			84.0	85.0		
Colombia	ODS phase-out (CFC)	UNDP	330.8		83.0	95.3	152.5		
Comoros	ODS phase-out (CFC)	UNDP	0.4			0.4			
Congo	ODS phase-out (CFC)	UNIDO	1.8			1.8			
Congo	ODS phase-out (CTC)	UNIDO	0.1			0.1			
Congo, DR	ODS phase-out (CFC)	UNDP	96.7	35.0	36.7	25.0			
Costa Rica	MB	UNDP	210.0		36.0	60.0	114.0		
Costa Rica	ODS phase-out (CFC)	UNDP	37.5			37.5			
Cote d'Ivoire	ODS phase-out (CFC)	UNIDO	44.1			44.1			
Cuba	MB	UNIDO	8.4		8.4				
Cuba	ODS phase-out (CFC)	UNDP	54.7		54.7				
Djibouti	ODS phase-out	UNDP	3.2			3.2			
Dominica	CFC phase-out	UNDP	0.2			0.2			
Dominican Republic	CFC phase-out	UNDP	53.0			53.0			
Ecuador	CFC phase-out	IBRD	42.0		21.0	21.0			
Egypt	CFC phase-out	UNIDO	65.0		41.0	24.0			
El Salvador	ODS phase-out	UNDP	46.0			46.0			
Eritrea	ODS phase-out (CFC)	UNIDO	4.2			4.2			
Gabon	CFC phase-out	UNDP	1.5			1.5			
Gambia	ODS phase-out	UNDP	3.6			3.6			
Ghana	CFC phase-out	UNDP	5.3				5.3		
Grenada	CFC phase-out	UNDP	0.9			0.9			
Guinea	CFC phase-out	UNIDO	1.5			1.5			
Guyana	ODS phase-out	UNDP	8.0			8.0			
Honduras	CFC phase-out	UNIDO	39.7			39.7			
Honduras	MB	UNIDO	255.0		47.5	23.9	20.4	30.6	51.0
India	CFC phase-out (ref. serv.)	Germany	138.3			138.3			
India	CFC phase-out (ref. serv.)	Switzerland	0.0						
India	CFC phase-out (ref. serv.)	UNDP	29.9			29.9			
India	CFC phase-out (ref. serv.)	UNEP	4.9			4.9			
India	CTC (consumption)	IBRD	708.0		440.0	220.0	48.0		
Indonesia	ODS phase-out (MDI)	IBRD	30.0			30.0			
Iran	CFC phase-out (foam)	Germany	176.8		100.9	75.9			
Iran	CFC phase-out (MAC)	France	87.8		58.5	29.3			
Iran	CFC phase-out (service, sol.)	UNIDO	27.5			27.5			
Jordan	MB (complete phase-out)	Germany	54.0		27.0				
Kenya	CFC phase-out	France	10.0		10.0				
Kenya	MB (flowers)	UNDP	32.0			10.0			
Kenya	MB (horticulture)	Germany	17.0		12.0	5.0			
Korea, DPR	CFC phase-out	UNIDO	48.0			48.0			

**2009-2012 Phase-out Plan for the Multilateral Fund**  
**Table 8. ODP to be phased out from multiyear agreements (ODP tonnes)**

Country	Sector	Agency	Total (*)	2007	2008	2009	2010	2011	2012
Korea, DPR	CTC phase-out	UNIDO	77.8		40.0	37.8			
Kuwait	CFC phase-out	UNIDO	55.0		25.0	30.0			
Kyrgyzstan	CFC phase-out	UNDP	5.0		2.0	3.0			
Lao, PDR	CFC phase-out	France	6.5			6.5			
Lebanon	CFC phase-out	UNDP	35.0		35.0				
Liberia	ODS phase-out	UNDP	8.4			8.4			
Libya	MB	Spain	40.0			10.0	30.0		
Libya	MB	UNIDO	56.0	21.0	20.0	15.0			
Macedonia, FYR	CFC phase-out	UNIDO	5.0		5.0				
Madagascar	ODS phase-out (CFC)	UNIDO	2.3			2.3			
Madagascar	ODS phase-out (CTC)	UNIDO	0.1			0.1			
Malawi	ODS phase-out	UNDP	8.7			8.7			
Malaysia	ODS phase-out (CFC)	IBRD	490.0		89.0	69.0	332.0		
Malaysia	ODS phase-out (CTC)	IBRD	0.7				0.7		
Malaysia	ODS phase-out (TCA)	IBRD	18.0				18.0		
Maldives	ODS phase-out	UNDP	0.7		0.7				
Mali	ODS phase-out	UNDP	16.2			16.2			
Mauritania	ODS phase-out	UNDP	3.0			3.0			
Mexico	CFC phase-out	UNIDO	585.0		300.0	230.0	55.0		
Mexico	MB	UNIDO	895.0			100.0	120.0	150.0	200.0
Mongolia	CFCs Phase-Out	Japan	1.5		0.5	0.2	0.8		
Montenegro	ODS phase-out (CFC)	UNIDO	5.0		1.0	2.0	2.0		
Montenegro	ODS phase-out (CTC)	UNIDO	0.2				0.2		
Morocco	MB	UNIDO	182.4		86.4	96.0			
Niger	ODS phase-out (CFC)	UNIDO	4.8			4.8			
Nigeria	CFC phase-out	UNDP	264.6		200.0	64.6			
Nigeria	Solvent (CTC)	UNIDO	22.9		22.9				
Nigeria	Solvent (TCA)	UNIDO	23.0				23.0		
Oman	ODS phase-out (CFC)	UNIDO	25.0		5.0	20.0			
Panama	CFC phase-out	UNDP	66.0	28.8	18.6	18.6			
Papua New Guinea	ODS phase-out	Germany	4.5				4.5		
Paraguay	CFC phase-out	UNDP	31.6			31.6			
Peru	CFC phase-out	UNDP	20.0			20.0			
Qatar	ODS phase-out	UNIDO	12.0		4.0	8.0			
Romania	CFC phase-out	UNIDO	69.7		36.5	17.2	16.0		
Rwanda	ODS phase-out	UNDP	4.6			4.6			
Saint Kitts and Nevis	CFC phase-out	UNDP	0.6			0.6			
Saint Lucia	CFC phase-out	Canada	1.2			1.2			
Saint Vincent/Grenadines	CFC phase-out	UNDP	0.5	0.2	0.1	0.1			
Sao Tome and Principe	ODS phase-out (CFC)	UNIDO	0.7			0.7			
Saudi Arabia	ODS phase-out (CFC)	UNIDO	250.0			250.0			
Saudi Arabia	ODS phase-out (halon)	UNIDO	532.0			532.0			
Senegal	CFC phase-out	UNIDO	23.4			23.4			
Serbia	CFC phase-out	UNIDO	183.0	143.0	40.0				
Seychelles	CFC phase-out	Germany	0.4			0.4			
Sudan	ODS phase-out (CFC)	UNIDO	65.0		20.0	20.0	25.0		
Syria	MB	UNIDO	45.0		18.0	27.0			
Syria	ODS phase-out (CFC)	UNIDO	328.7	121.5	137.2	70.0			
Tanzania	ODS phase-out (CFC)	UNDP	38.1			38.1			
Tanzania	ODS phase-out (CTC)	UNDP	0.1			0.1			
Thailand	MB	IBRD	146.6			73.3		36.7	18.3
Thailand	ODS phase-out (CFC)	IBRD	704.0			208.0	496.0		
Thailand	ODS phase-out (CTC)	IBRD	1.1				1.1		
Thailand	ODS phase-out (TCA)	IBRD	4.5				4.5		
Togo	ODS phase-out (CFC)	UNDP	5.9			5.9			
Tunisia	ODS phase-out (CFC)	IBRD	130.5			130.5			
Tunisia	ODS phase-out (HAL)	IBRD	42.0			42.0			
Uganda	CFC phase-out	France	1.9			1.9			
Uruguay	CFC phase-out	UNDP	29.9				29.9		
Uruguay	MB	UNIDO	8.9			2.9			6.0
Venezuela	CFC phase-out	UNIDO	985.0	200.0	435.0	250.0	100.0		
Vietnam	MB	IBRD	85.2			5.2		10.0	
Vietnam	ODS phase-out (CFC)	IBRD	40.0			30.0	10.0		
Vietnam	ODS phase-out (halon)	IBRD	18.5			18.5			
Yemen	ODS phase-out (CFC)	UNIDO	268.7			268.7			
Yemen	ODS phase-out (TCA)	UNIDO	0.6			0.4	0.2		
Zambia	ODS phase-out	UNDP	4.1			4.1			
Zimbabwe	CFC phase-out	Germany	20.0			20.0			
<b>Total consumption</b>			<b>15,809.8</b>	<b>549.5</b>	<b>2,540.6</b>	<b>10,001.2</b>	<b>1,694.1</b>	<b>227.3</b>	<b>275.3</b>

(\*) Amount of ODS to be phased-out between 2009 and 2012. An additional 521.9 ODP tonnes (MB) would be phased out between 2013 and 2015.

**2009-2012 Phase-out Plan for the Multilateral Fund**  
**Table 8 (cont.). ODP to be phased out from multiyear agreements (ODP tonnes)**

Country	Sector	Agency	Total (*)	2008	2009	2010	2011	2012
<b>Production sector</b>								
Argentina	Production CFC	IBRD	686.0			686.0		
China	Production CFC	IBRD	550.0			550.0		
China	Halon production	IBRD	1,000.0			1,000.0		
China	Production MB	UNIDO	570.6	180.6	140.0	41.0	33.0	26.0
China	Process agent II (CTC)	IBRD	2,915.0		2,915.0			
China	Production TCA	IBRD	79.0			79.0		
India	CTC phase-out (production)	IBRD	268.0		220.0	48.0		
India	Production CFC	IBRD	2,259.0		1,129.0	1,130.0		
<b>Total production</b>			<b>8,327.6</b>	<b>180.6</b>	<b>4,404.0</b>	<b>3,534.0</b>	<b>33.0</b>	<b>26.0</b>

(\*) Amount of ODS to be phased-out between 2009 and 2012. An additional 150.0 ODP tonnes (MB) would be phased out between 2013 and 2015

**2009-2012 Phase-out Plan for the Multilateral Fund**  
**Table 9. Funding approved in principle in multiyear agreements (US\$)**

Country	Sector	Agency	Total (*)	2008	2009	2010	2011	2012
Albania	ODS phase out plan	UNIDO	47,992			23,996	23,996	
Algeria	ODS phase out plan	UNIDO	212,850		212,850			
Antigua and Barbuda	CFC phase out plan	IBRD	30,411	30,411				
Argentina	Production CFC	IBRD	1,047,000		1,047,000			
Bahrain	CFC phase out plan	UNDP	43,000	43,000				
Bahrain	CFC phase out plan	UNEP	135,600	135,600				
Bangladesh	ODS phase out plan	UNDP	935,250	757,875	59,125	59,125	59,125	
Bangladesh	ODS phase out plan	UNEP	270,635	210,745	34,465	25,425		
Belize	CFC phase out plan	UNDP	78,480		78,480			
Belize	CFC phase out plan	UNEP	54,240		54,240			
Benin	CFC phase out plan	UNEP	73,450		73,450			
Benin	CFC phase out plan	UNIDO	75,210		75,210			
Bolivia	ODS phase out plan	Canada	99,440	99,440				
Bolivia	ODS phase out plan	UNDP	238,650	238,650				
Brazil	CFC phase out plan	UNDP	367,500	262,500	105,000			
Burundi	CFC phase out plan	UNEP	46,330		46,330			
Burundi	CFC phase out plan	UNIDO	57,770		57,770			
Cambodia	CFC phase out plan	UNDP	91,375		91,375			
Cambodia	CFC phase out plan	UNEP	56,500		56,500			
Cameroon	ODS phase out plan	UNIDO	102,125		102,125			
Cape Verde	ODS phase out plan	UNEP	33,900		33,900			
Central African Republic	CFC phase out plan	UNEP	50,850		50,850			
Central African Republic	CFC phase out plan	France	50,850		50,850			
Chad	CFC phase out plan	UNDP	89,380		89,380			
Chad	CFC phase out plan	UNEP	87,010		87,010			
Chile	CFC phase out plan	Canada	295,495		295,495			
China	MB	UNIDO	3,980,448		1,397,500	645,000	537,500	537,500
China	Process agent (Phase I)	IBRD	1,075,000		1,075,000			
China	Process agent (Phase II)	IBRD	1,612,500		1,612,500			
China	Production CFC	IBRD	8,062,500		8,062,500			
China	Production MB	UNIDO	7,299,250	3,225,000			2,150,000	
China	Production TCA	IBRD	752,500	752,500				
China	Refrigeration servicing	UNIDO	1,596,380	752,500	843,880			
China	Solvent	UNDP	3,182,000	1,591,000	1,591,000			
China (1)	Foam	IBRD	1,926,030	1,926,030				
China (1)	Halon	IBRD	107,500	107,500				
Comoros	CFC phase out plan	UNDP	34,880	34,880				
Comoros	CFC phase out plan	UNEP	59,890	59,890				
Congo	ODS phase out plan	UNEP	47,460		47,460			
Congo	ODS phase out plan	UNIDO	49,050		49,050			
Congo, DR	CFC phase out plan	UNDP	154,532	77,266				
Congo, DR	CFC phase out plan	UNEP	162,438	81,219	81,219			
Costa Rica	CFC phase out plan	UNDP	177,375		177,375			
Costa Rica	MB	UNDP	781,300	781,300				
Cote d'Ivoire	ODS phase out plan	UNEP	123,170		123,170			
Cote d'Ivoire	ODS phase out plan	UNIDO	130,075		130,075			
Cuba	ODS phase out plan	UNDP	167,700	113,950	53,750			
Djibouti	CFC phase out plan	UNEP	65,540		65,540			
Dominica	CFC phase out plan	UNDP	68,670	49,050	13,080	6,540		
Dominica	CFC phase out plan	UNEP	89,270	50,850	23,730	14,690		
Dominican Republic	CFC phase out plan	UNDP	215,000		215,000			
Ecuador	CFC phase out plan	IBRD	19,709	19,709				
Egypt	CFC phase out plan	UNIDO	322,500		215,000	107,500		
El Salvador	CFC phase out plan	UNDP	306,375	247,250	59,125			
El Salvador	CFC phase out plan	UNEP	33,900	22,600	11,300			
Eritrea	ODS phase out plan	UNEP	79,100		79,100			
Eritrea	ODS phase out plan	UNIDO	81,750		81,750			
Gabon	CFC phase out plan	UNDP	43,600	43,600				
Gabon	CFC phase out plan	UNEP	56,500	56,500				
Gambia	CFC phase out plan	UNDP	33,245		33,245			
Gambia	CFC phase out plan	UNEP	81,360		81,360			
Grenada	CFC phase out plan	UNDP	32,700		32,700			

**2009-2012 Phase-out Plan for the Multilateral Fund**  
**Table 9. Funding approved in principle in multiyear agreements (US\$)**

Country	Sector	Agency	Total (*)	2008	2009	2010	2011	2012
Grenada	CFC phase out plan	UNEP	50,850		36,725	14,125		
Guinea	CFC phase out plan	UNEP	73,450		65,540			
Guinea	CFC phase out plan	UNIDO	75,210		65,400			
Guyana	CFC phase out plan	UNDP	99,190		99,190			
Guyana	CFC phase out plan	UNEP	81,360		81,360			
Honduras	MB	UNIDO	436,774	322,500	114,274			
Honduras	CFC phase out plan	UNEP	58,760		58,760			
Honduras	CFC phase out plan	UNIDO	40,313		40,313			
India	CFC phase out plan	Germany	1,043,442		1,043,442			
India	CFC phase out plan	UNDP	214,420		214,420			
India	CFC phase out plan	UNEP	36,612		36,612			
India	CTC phase out plan	IBRD	3,452,765		3,452,765			
India	Production CFC	IBRD	6,450,000		6,450,000			
Iran	CFC phase out plan	Germany	568,551		568,551			
Kenya	CFC phase out plan	France	202,367		202,367			
Korea, DPR	CFC phase out plan	UNEP	11,300		11,300			
Kuwait	CFC phase out plan	UNEP	107,350	107,350				
Kuwait	CFC phase out plan	UNIDO	10,900	10,900				
Kyrgyzstan	CFC phase out plan	UNDP	64,500		64,500			
Kyrgyzstan	CFC phase out plan	UNEP	28,589		28,589			
Lao, PDR	ODS phase out plan	France	156,505		156,505			
Liberia	CFC phase out plan	UNDP	30,520		30,520			
Liberia	CFC phase out plan	UNEP	92,095		92,095			
Libya	MB	Spain	565,000	565,000				
Macedonia, FYR	CFC phase out plan	UNIDO	32,250	16,125	16,125			
Madagascar	ODS phase out plan	UNEP	98,310	98,310				
Madagascar	ODS phase out plan	UNIDO	51,230	51,230				
Malawi	CFC phase out plan	UNDP	51,775		51,775			
Malawi	CFC phase out plan	UNEP	87,010		87,010			
Maldives	CFC phase out plan	UNEP	16,950		16,950			
Mali	CFC phase out plan	UNDP	161,250		161,250			
Mali	CFC phase out plan	UNEP	88,140		88,140			
Mauritania	CFC phase out plan	UNDP	59,950		59,950			
Mauritania	CFC phase out plan	UNEP	66,670		66,670			
Mexico	MB	Canada	1,024,922			558,527		223,411
Mexico	MB	Spain	1,786,000			893,000		893,000
Mexico	MB	UNIDO	3,445,221			2,150,000		1,075,000
Moldova	CFC phase out plan	UNDP	163,938	163,938				
Moldova	CFC phase out plan	UNEP	158,765	158,765				
Montenegro	ODS phase out plan	UNIDO	102,442		102,442			
Morocco	MB	UNIDO	428,309	428,309				
Nepal	CFC phase out plan	UNDP	27,250	27,250				
Nepal	CFC phase out plan	UNEP	39,550	39,550				
Niger	ODS phase out plan	UNEP	76,840		76,840			
Niger	ODS phase out plan	UNIDO	57,770		57,770			
Nigeria	CFC phase out plan	UNDP	908,488		417,770	369,428	121,290	
Oman	CFC phase out plan	UNIDO	176,515	176,515				
Panama	CFC phase out plan	UNDP	274,125	197,800	76,325			
Paraguay	CFC phase out plan	UNDP	226,825	150,500	53,750	22,575		
Paraguay	CFC phase out plan	UNEP	128,820	67,800	33,900	27,120		
Peru	CFC phase out plan	UNDP	197,263		197,263			
Peru	CFC phase out plan	UNEP	87,575		87,575			
Qatar	CFC phase out plan	UNEP	62,150		62,150			
Qatar	CFC phase out plan	UNIDO	75,250		75,250			
Rwanda	CFC phase out plan	UNDP	47,415		47,415			
Rwanda	CFC phase out plan	UNEP	75,710		75,710			
Saint Kitts and Nevis	CFC phase out plan	UNDP	63,220	49,050	10,900	3,270		
Saint Kitts and Nevis	CFC phase out plan	UNEP	117,520	67,800	33,900	15,820		
Saint Lucia	CFC phase out plan	Canada	55,370		55,370			
Saint Vincent and the Grenadines	ODS phase out plan	UNDP	29,430	22,890	6,540			
Saint Vincent and the Grenadines	ODS phase out plan	UNEP	47,460	15,820	15,820	15,820		
Samoa	CFC phase out plan	UNDP	32,700		32,700			

**2009-2012 Phase-out Plan for the Multilateral Fund**  
**Table 9. Funding approved in principle in multiyear agreements (US\$)**

Country	Sector	Agency	Total (*)	2008	2009	2010	2011	2012
Samoa	CFC phase out plan	UNEP	22,600		22,600			
Sao Tome and Principe	ODS phase out plan	UNEP	23,730		23,730			
Sao Tome and Principe	ODS phase out plan	UNIDO	53,410		53,410			
Saudi Arabia	CFC phase out plan	UNEP	113,565	113,565				
Saudi Arabia	ODS phase out plan	UNEP	45,765			45,765		
Saudi Arabia	ODS phase out plan	UNIDO	153,725			153,725		
Senegal	CFC phase out plan	Italy	266,115	266,115				
Serbia	CFC phase out plan	UNIDO	208,013	132,763	75,250			
Seychelles	CFC phase out plan	France	14,690		14,690			
Sudan	ODS phase out plan	UNIDO	215,000	215,000				
Syria	CFC phase out plan	UNIDO	348,354	182,750	165,604			
Tanzania	ODS phase out plan	UNDP	77,400		77,400			
Tanzania	ODS phase out plan	UNEP	88,140		88,140			
Thailand	MB	IBRD	1,013,075	1,013,075				
Thailand	ODS phase out plan	IBRD	419,650		419,650			
Togo	ODS phase out plan	UNDP	67,580		67,580			
Togo	ODS phase out plan	UNEP	79,100		79,100			
Tunisia	ODS phase out plan	IBRD	371,300	371,300				
Turkey	CFC phase out plan	IBRD	55,000	30,000	25,000			
Uganda	CFC phase out plan	France	70,625		70,625			
Uruguay	CFC phase out plan	Canada	81,360	47,460		33,900		
Uruguay	CFC phase out plan	UNDP	99,975	51,600		48,375		
Venezuela	CFC phase out plan	UNIDO	689,968	689,968				
Vietnam	MB	IBRD	933,405	698,750			129,000	
Yemen	ODS phase out plan	UNEP	158,200		158,200			
Yemen	ODS phase out plan	UNIDO	250,475		250,475			
Zambia	CFC phase out plan	UNEP	47,460		47,460			
Zimbabwe	CFC phase out plan	Germany	242,455		197,347	45,108		
<b>Total</b>			<b>68,473,826</b>	<b>18,320,563</b>	<b>35,750,829</b>	<b>5,278,834</b>	<b>3,020,911</b>	<b>2,728,911</b>

(\*) Funding tranches from previous years that have not been requested by some countries have been reallocated in 2008 and subsequent years.

Total funding approved in principle between 2008 and 2011. An additional US\$6,084,969 has been approved in principle between 2012 and 2014 (MB agreements).

**2009-2012 Phase-out Plan for the Multilateral Fund**  
**Table 10. Estimated funding for institutional strengthening projects (US\$)**

Country	2008	2009	2010	2011	2012
Afghanistan		150,000		150,000	
Albania			109,200		109,200
Algeria	257,400		257,400		257,400
Angola	151,872		151,872		151,872
Antigua and Barbuda	60,000		60,000		60,000
Argentina		334,935		334,935	
Bahamas	60,000		60,000		60,000
Bahrain		60,000		60,000	
Bangladesh		139,750		139,750	
Barbados	60,000		60,000		60,000
Belize		76,700		76,700	
Benin	60,000		60,000		60,000
Bhutan		60,000		60,000	
Bolivia		78,867		78,867	
Bosnia and Herzegovina	102,483		102,483		102,483
Botswana		78,173		78,173	
Brazil		377,325		377,325	
Brunei Darussalam	70,000		70,000		70,000
Burkina Faso	72,410		72,410		72,410
Burundi	60,000		60,000		60,000
Cambodia		112,667		112,667	
Cameroon		139,532		139,532	
Cape Verde	60,000		60,000		60,000
Central African Republic	60,000		60,000		60,000
Chad	60,000		60,000		60,000
Chile		200,541		200,541	
China	419,250		419,250		419,250
Colombia		296,270		296,270	
Comoros		60,000		60,000	
Congo		60,000		60,000	
Congo, DR		64,540		64,540	
Cook Islands	60,000		60,000		60,000
Costa Rica		151,051		151,051	
Cote D'Ivoire		106,340		106,340	
Croatia	87,707		87,707		87,707
Cuba		160,246		160,246	
Djibouti	78,000		78,000		78,000
Dominica	60,000		60,000		60,000
Dominican Republic	134,333		134,333		134,333
Ecuador	47,515	95,030		95,030	
Egypt		245,447		245,447	
El Salvador		60,000		60,000	
Equatorial Guinea	40,000		40,000		40,000
Eritrea			60,000		60,000
Ethiopia	60,000		60,000		60,000
Fiji	60,000		60,000		60,000
Gabon	60,000		60,000		60,000
Gambia			60,000		60,000



**2009-2012 Phase-out Plan for the Multilateral Fund**  
**Table 10. Estimated funding for institutional strengthening projects (US\$)**

Country	2008	2009	2010	2011	2012
Georgia		60,667		60,667	
Ghana	149,533		149,533		149,533
Grenada	60,000		60,000		60,000
Guatemala		124,800		124,800	
Guinea	60,000		60,000		60,000
Guinea-Bissau	60,000		60,000		60,000
Guyana	56,333		56,333		56,333
Haiti	100,000		100,000		100,000
Honduras	60,000		60,000		60,000
India			401,222		401,222
Indonesia		291,588		291,588	
Iran	93,262		93,262		93,262
Iraq		60,000		60,000	
Jamaica			60,000		60,000
Jordan		158,369		158,369	
Kenya			81,521		81,521
Kiribati	7,666		7,666		7,666
Korea, DPR		123,552		123,552	
Kuwait		105,320		105,320	
Kyrgyzstan			115,830		115,830
Lao, PDR	60,000		60,000		60,000
Lebanon	166,722		166,722		166,722
Lesotho		60,000		60,000	
Liberia		85,213		85,213	
Libya	167,593		167,593		167,593
Macedonia, FYR	142,273		142,273		142,273
Madagascar	60,700		60,700		60,700
Malawi		66,733		66,733	
Malaysia		300,463		300,463	
Maldives	60,000		60,000		60,000
Mali	60,677		60,677		60,677
Marshall Islands	60,000		60,000		60,000
Mauritania	60,000		60,000		60,000
Mauritius		60,000		60,000	
Mexico		265,525		265,525	
Micronesia	11,333		11,333		11,333
Moldova			69,334		69,334
Mongolia			60,000		60,000
Montenegro			60,000		60,000
Morocco		155,000		155,000	
Mozambique	80,800		80,800		80,800
Myanmar	74,360		74,360		74,360
Namibia		60,000		60,000	
Nauru	60,000		60,000		60,000
Nepal	60,000		60,000		60,000
Nicaragua	60,000		60,000		60,000
Niger		64,827		64,827	
Nigeria			279,500		279,500

**2009-2012 Phase-out Plan for the Multilateral Fund**  
**Table 10. Estimated funding for institutional strengthening projects (US\$)**

Country	2008	2009	2010	2011	2012
Niue		60,000		60,000	
Oman	73,602		73,602		73,602
Pakistan		120,651		120,651	
Palau	60,000		60,000		60,000
Panama	149,500		149,500		149,500
Papua New Guinea			67,800		67,800
Paraguay		57,460		57,460	
Peru	133,510		133,510		133,510
Philippines			194,718		194,718
Qatar	47,838		47,838		47,838
Romania	-		-		-
Rwanda	60,000		60,000		60,000
Saint Kitts and Nevis	60,000		60,000		60,000
Saint Lucia			60,000		60,000
Saint Vincent/Grenadines	60,000		60,000		60,000
Samoa		60,000		60,000	
Sao Tome and Principe	60,666		60,666		60,666
Saudi Arabia		300,000		300,000	
Senegal		152,100		152,100	
Serbia	141,148		141,148		141,148
Seychelles		60,000		60,000	
Sierra Leone			85,800		85,800
Solomon Islands	60,000		60,000		60,000
Somalia	26,000		60,000		60,000
Sri Lanka			144,110		144,110
Sudan	145,860		145,860		145,860
Suriname	73,333		73,333		73,333
Swaziland		58,344		58,344	
Syria	219,110		219,110		219,110
Tanzania	60,000		60,000		60,000
Thailand		372,668		372,668	
Togo	60,666		60,666		60,666
Tonga	60,000		60,000		60,000
Trinidad and Tobago	64,500		64,500		64,500
Tunisia			265,815		265,815
Turkey	279,500		279,500		279,500
Turkmenistan			115,693		115,693
Tuvalu	7,583		7,583		7,583
Uganda	63,180		63,180		63,180
Uruguay	162,110		162,110		162,110
Vanuatu			60,000		60,000
Venezuela	306,891		306,891		306,891
Vietnam		118,976		118,976	
Yemen		170,000		170,000	
Zambia	65,520		65,520		65,520
Zimbabwe	148,242		148,242		148,242
Total	6,720,981	6,679,670	9,058,009	6,679,670	9,058,009