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EXECUTIVE COMMITTEE OF  
THE MULTILATERAL FUND FOR THE  
IMPLEMENTATION OF THE MONTREAL PROTOCOL  
Sixty-seventh Meeting  
Bangkok, 16-20 July 2012

**STATUS REPORTS AND COMPLIANCE**

## EXECUTIVE SUMMARY

This document contains seven parts. The main issues and conclusions are summarized below:

- 81 non-HCFC and 109 HCFC tranche implementation plan reports without funding requests were not required for the current meeting due to the Committee's decision on streamlining of progress reporting (decision 66/16);
- Whether work plans with and without funding implications should be addressed in this document or presented under agenda item "Investment projects" as is the case for the CTC work plan for India;
- No countries appear to be in non-compliance based on 2011 Article 7 (A7) and country programme (CP) data submitted as of 12 June 2012;
- Latest consumption data, however, indicated that most countries have zero consumption of the remaining substances (excluding HCFCs and exempted uses) with only one country reporting CFC consumption (2009 data); two countries reporting halon consumption in 2009; 27 countries reporting methyl bromide (MB) consumption; and one reporting methyl chloroform (TCA) consumption;
- Of the 25 compliance-related issues in 2011, one has already been resolved according to A7 data; based on information from implementing agencies and the Ozone Secretariat 14 compliance-related issues have been reported as resolved and 10 issues have not been resolved or reported as resolved;
- Whether the Government of South Africa should provide CP data for HCFC activities only;
- Data on the implementation of CPs indicate that:
  - All countries provided data according to the new format approved over six years ago and 47 countries submitted data using the web-based system for 2011;
  - All of the 823.7 ODP tonnes of remaining consumption is of MB except HCFC;
  - Prices for HCFC-22 and HCFC-142b are lower than the prices of alternatives included in CP data. HCFC-141b prices are lower than alternatives HCFC-245fa and HFC-356mfc, but higher than cyclopentane, methyl formate and pentane based on 2010 prices;
  - For the 77 countries reporting 2010 and 2011 data, HCFC consumption decreased by 5.4 per cent;
  - Of the countries reporting information on licensing systems, 134 out of the 144 countries with reporting requirements reported them as being operational (65 of the 67 countries that reported 2011 data had operational licensing systems with 97 per cent of them functioning 'satisfactorily' or 'very well');
- Of the 14 projects with implementation delays, there are thirteen that are recommended for continued monitoring. Delay reports have not been received from Israel;
- An additional report is recommended for 21 projects for which status reports were presented to the current meeting, and additional reports are recommended for five HCFC phase-out management plan (HPMP) preparation activities;
- The need for bilateral and implementing agencies to share information from the HFO-1234ze demonstration project with Article 5 (A5) countries in preparing the phase-out of HCFC-142b/HCFC-22 in extruded polystyrene foam applications.

## Introduction

1. This is the first version of the Status reports and Compliance document that is a combination of the former document entitled “Status of implementation of delayed projects and prospects of Article 5 countries in achieving compliance with the next control measures of the Montreal Protocol” and the “Report on implementation of approved projects with specific reporting requirements”, as requested by the Executive Committee in decision 66/16.

2. This document consists of seven parts:

- (a) Part I addresses the implementation of decision 66/16 mentioned above.
- (b) Part II has been prepared in response to decisions 32/76(b) and 46/4, which requested the Secretariat to prepare an update for each Meeting of the Executive Committee on the status of compliance of A5 countries that are subject to the Montreal Protocol’s control measures.
- (c) Part III contains information on those A5 countries that are subject to decisions of the Parties and recommendations of the Implementation Committee on compliance.
- (d) Part IV presents data on the implementation of CPs, including an analysis of the ozone-depleting substances (ODS) consumption data, by sector. It also contains a section that addresses the characteristics of national ODS phase-out programmes.
- (e) Part V presents the result information on projects with implementation delays and for which special status reports were requested.
- (f) Part VI addresses reports on HCFC demonstration projects.
- (g) Part VII addresses reports on resource mobilisation activities.

3. The analysis performed and the conclusions reached in this document are without prejudice to the status of compliance determined by the Meeting of the Parties, which is the only body empowered to assess such status. Data reported pursuant to A7 of the Protocol are used exclusively to determine a country’s status of compliance on an annual basis. The analysis in this document uses a mix of data reported to the Fund Secretariat on CP implementation for various compliance periods and A7 data. Therefore, this document does not determine compliance per se. Rather, it assesses the prospects of A5 countries in their efforts to comply with one or more of the control measures in the Montreal Protocol. Its main purpose is to identify ODS yet to be addressed by actions supported by the Multilateral Fund.

### **PART I: IMPLEMENTATION OF DECISION 66/16**

4. At its 66<sup>th</sup> meeting, the Executive Committee decided:

“(b) To request:

- (i) That, as of the 67<sup>th</sup> meeting of the Executive Committee, the information currently required for the agenda item “Report on implementation of approved projects with specific reporting requirements” be reported, together with compliance issues, in an agenda item and document to be entitled “Status reports and compliance”, which would replace the document and agenda item currently entitled “Status of implementation of delayed projects and prospects of Article 5

countries in achieving compliance with the next control measures of the Montreal Protocol”;

- (ii) That the information on multi-year agreements (MYAs) in the remarks column of the Annual Progress and Financial Report (APF) should be included in the narrative of the tranche implementation plan (TIP), with any differences explained;
  - (iii) That TIP reports were not required in the absence of a funding tranche request, except in those cases where there was an issue on the application of the penalty clause or changes to targets in approved TIPs;
  - (iv) That agencies submit MYA project completion reports (PCRs) as noted at the 65<sup>th</sup> meeting in decision 65/6 and any available verification reports, together with the table entitled “Overall implementation plan and annual implementation report” (Table 8) of the approved MYA PCR format, in lieu of TIPs and TIP reports, for: refrigerant management plans, terminal phase out management plans, national phase out plans for CFC, CTC and methyl bromide and, in the event that a verification report was completed before a PCR, to submit the verification in the context of a status report or APF;
  - (v) UNEP to present its detailed annual progress report on Compliance Assistance Programme (CAP) activities to the third meeting of each year in the context of the annual CAP approval, and to identify any project implementation impediments for the CAP project in the APF;
- (c) To review the effectiveness of the present decision at its first meeting in 2015; and
  - (d) That one of the two remarks columns in the APF would be used to report the latest non-financial data available related to projects”(decision 66/16).

5. This document addresses paragraphs b(i)-(iv) of the above-mentioned decision. The Secretariat’s comments on UNEP’s progress report (UNEP/OzL.Pro/ExCom/67/13) address paragraph (b)(v) and the Consolidated Progress Report (UNEP/OzL.Pro/ExCom/67/10) contains a section addressing paragraph (d). A document will be prepared for the first meeting in 2015 to address paragraph (c) of the decision.

**Incorporation of the document “Report on implementation of approved projects with specific reporting requirements” into the current document (decision 66/16(b)(i))**

6. Decision 66/16(b)(i) has resulted in the incorporation of information on projects with specific reporting requirements into the present document. 81 tranche implementation plans from non-HCFC multi-year agreements (MYAs) were not requested for this meeting. Instead, the information contained in the Annual Progress and Financial Reports of the implementing agencies was used to assess progress, and recommendations were made, as appropriate, to address implementation impediments identified in the review. This information is contained in Part V of the present document, on status reports along with information on projects previously identified for additional monitoring, and projects with implementation delays subject to the Executive Committee’s procedures for project cancellation. The Executive Committee may wish to note the significant reduction in reporting resulting from the streamlining decision-to-date including the elimination at this meeting of 81 tranche implementation plan reports for 81 non-HCFC MYAs.

7. Two additional sections were added to address projects with specific reporting requirements. The first additional section relates to the report on the HCFC demonstration project on “HFO-1234ze as a blowing agent in the manufacture of extruded polystyrene foam boardstock: an assessment for the application in MLF projects”. This report is also annexed to this document. The other additional section covers reports on resource mobilization, which are also annexed.

**Progress report information in TIPs with funding requests to the present meeting (decision 66/16(b)(ii))**

8. With respect to decision 66/16(b)(ii) mentioned above, no implementing agency provided the required information in the narrative of the TIP with funding requests submitted to the present meeting. The Executive Committee may wish to request implementing agencies to ensure that the requirements of decision 66/16(b)(ii) are fulfilled in the future as a condition of submission of TIPs to meetings following the 67<sup>th</sup> meeting.

**Tranche implementation plans without funding request, changes to targets, and cases of the application of the penalty clause (decision 66/16(b)(iii))**

9. Information on tranche implementation plans without funding requests is now incorporated into part V of the present document along with the relevant recommendations for follow-up reports on implementation impediments. As a result of decision 66/16(b)(iii) information was used from the Annual Progress and Financial report instead of specific detailed tranche implementation plans by agency representing 109 reports for HPMPs in 69 countries. The Executive Committee may wish to note the significant reduction in reporting resulting from the streamlining decision to-date including the elimination of 109 tranche implementation plan reports for HPMPs in 69 countries.

10. No requests for changes to targets or cases where a penalty clause might be imposed were identified. If they had been identified, a detailed tranche implementation plan would have been requested and the project would have been included for discussion under the agenda item on “Investment Projects” as per this decision. One project on the CTC sector in India for which a tranche work plan was submitted but funding had already been approved was submitted under this agenda item<sup>1</sup>, since the work plan might have an implication for the already approved funding. The document on the systematizing and streamlining of reporting on progress (UNEP/OzL.Pro/ExCom/66/18) did not address this issue as the work plan may or may not have a funding implication. The Fund Secretariat is expecting a request for a change to the work plan of an approved HPMP, with funding implications, to be submitted to the 68<sup>th</sup> meeting. The Executive Committee may wish to consider whether requests for changes to work plans with and without funding implications should be addressed in the document “Status reports and Compliance”, or presented under agenda item “Investment Projects”.

**PCRs and verification reports**

11. Decision 66/16(b)(iv) addresses the submission of MYA completion reports for non-HCFC activities. No PCRs have been submitted since this decision was taken, although one agency has requested information on how to implement it.

12. No verification reports were submitted to the 67<sup>th</sup> meeting either in PCRs or as part of the current document. Had a verification report been submitted without a PCR, it would have been addressed in a new section on verification reports to the current document.

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<sup>1</sup> The Investment Project agenda item at the current meeting will also address a change in the baseline and the China agreement that does not have funding implications.

## **PART II: STATUS OF, AND PROSPECTS FOR, COMPLIANCE (BASED ON LATEST AVAILABLE DATA)**

13. This section presents the results of the analysis of the status of compliance with control measures for the final phase-out of CFCs, halon, and carbon tetrachloride (CTC) by 2010, 2015 for MB and TCA<sup>2</sup>, and the 2013 freeze for HCFCs. The analysis assumes that the latest consumption reported under A7 or in CP data has taken into account the phase-out from completed projects approved by the Executive Committee. Since the inception of the Multilateral Fund, up to December 2011, 242,954 ODP tonnes of consumption and 191,936 ODP tonnes of production had been phased out from completed projects. The completed projects were valued at US \$2.06 billion out of an approved total of approximately US \$2.54 billion. A detailed description of the methodology used in the analysis is provided in document UNEP/OzL.Pro/ExCom/37/18, which was presented at the 37<sup>th</sup> meeting of the Executive Committee.

14. The analysis used the latest available data. As of 12 June 2012, 35 A5 countries had reported 2011 data pursuant to A7 (compared to 23 in June 2011). 42 additional countries reported to the Fund Secretariat 2011 data only on progress in the implementation of the country programmes (decision 17/34). For countries that had not submitted 2011 data, the latest consumption data available was used in the analysis. This involved using 2010 A7 data for 68 countries and 2009 A7 data for two countries. The analysis assumes that the latest reported levels of ODS consumption excluding HCFCs have not increased, although this might not be true for two countries for which 2010 or 2011 data was not available.

15. The bilateral and multilateral implementing agencies submitted annual progress reports to the 67<sup>th</sup> meeting of the Executive Committee, which contained data on the status of implementation of all activities and projects approved by the Committee up to the end of 2011. Data on potential approvals in 2012 have been taken from the *Consolidated Business Plan for the Years 2012-2014* (UNEP/OzL.Pro/ExCom/66/7), which was approved at the 66<sup>th</sup> meeting.

16. The Fund Secretariat will continue to synthesize all of the data that were included in previous versions of the reports on the status of, and prospects for, compliance, which have been used by the Fund Secretariat for analytical purposes. These data are available upon request.

### **PRODUCTION SECTOR**

17. Of the seven<sup>3</sup> A5 countries with CFC production facilities, the Governments of Argentina, China, the Democratic People's Republic of Korea, India, Mexico and Venezuela (Bolivarian Republic of) have agreements in place for scheduled reductions. All CFC production sector projects have been completed but reporting continues for China and the remaining tranche for India has not yet been agreed although it was submitted to the 67<sup>th</sup> meeting for approval. The Government of Brazil indicated that it has phased out its production of CFCs on its own. For halon production, the Government of China has an agreement in place and the Government of India received a one-time grant for the closure of its halon production facilities.

18. Four countries (Brazil, China, Democratic People's Republic of Korea (the) and India) have a CTC production baseline. Projects for the complete phase-out of CTC in the production and consumption sectors in three countries (China, Democratic People's Republic of Korea (the) and India) have been

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<sup>2</sup> No projects have been identified that address Annex B-I substances; the Executive Committee has neither considered nor funded projects that address these substances that are subject to the 85 per cent baseline reduction starting in 2007.

<sup>3</sup> Although Romania received funding for production and consumption phase-out, it is not included since it has been reclassified as a non-Article 5 country as of 1 January 2008.

approved by the Executive Committee. A CTC process agent sector project was approved for Brazil at the 54<sup>th</sup> meeting. TCA production closure projects were only approved for China.

19. MB production closure projects were approved for China, which was the only one of two A5 countries with MB production facilities. The second is the Republic of Korea, which has not sought Fund assistance.

20. There are six countries that produced HCFCs in 2009 or 2010: Argentina, China, Democratic People's Republic of Korea (the), India, Mexico and Venezuela (Bolivarian Republic of). The Sub-Group on the Production Sector will receive a final report from the Consultant at its meeting in the margins of the 67<sup>th</sup> meeting of the Executive Committee on the technical audit of the HCFC production sector in China, and consider a request from the World Bank on behalf of China for the Stage I of the HCFC production sector phase-out plan.

## CONSUMPTION SECTOR

21. This section presents a summary of the results of a detailed analysis of the extent to which countries appear to be in non-compliance or where their latest consumption exceeds the control measures. Summary tables are provided for all six controlled substances. The summary tables show countries that appear to be in non-compliance with the 2010 control measures using 2011 data as well as those whose consumption data exceeds the next control measures, including 2010 data. The summary is based on data included in Annex I, which contains detailed information for each country, presented by substance. Annex I also indicates whether countries have received all of the assistance expected to be provided by the Multilateral Fund.

22. Information has been included in the assessment of compliance in Annex I on when the activity enabling compliance was approved and whether the country has reported the establishment of a licensing system. This information should further assist the Executive Committee to assess the prospects of compliance for countries because the approval date indicates how long the project or agreement has been under implementation. Further, the information on the establishment of a licensing system indicates that controls exist to enable future compliance, regardless of the level of current consumption. The information on project approval is taken from the Inventory of Approved Projects. An update of the data on the establishment of licensing systems has been provided by the Ozone Secretariat as at 7 June 2012.

## CFCs

23. A summary of the status of countries with respect to compliance with controls on CFCs is presented in Table 1.

Table 1

### **CFC CONTROL MEASURES: SUMMARY OF COUNTRIES WHOSE LATEST CONSUMPTION DATA EXCEEDS THE 2010 CONTROL MEASURE**

<b>Data</b>	<b>Countries whose latest consumption exceeds the 2010 100% phase-out target</b>
2011 data (A7 or CP)	0 countries*
Latest consumption	One country (Yemen for year 2009)

\*Excluding those countries with exemptions.

24. Yemen, the only country whose latest consumption data exceeds the 2010 control measure, has received support from the Multilateral Fund.

## Halons

25. A summary of the status of countries with respect to compliance with controls on halons is presented in Table 2. Seventy-five countries reported no consumption of halons between 1995 and 2010. Sixty-one countries have received support for halon banking activities or phase-out agreements, which includes countries participating in regional halon banks.

Table 2

**HALON CONTROL MEASURES:  
SUMMARY OF COUNTRIES WHOSE LATEST CONSUMPTION DATA  
EXCEEDS THE 2010 CONTROL MEASURE**

<b>Data</b>	<b>Countries whose latest consumption exceeds the 2010 100% phase-out target</b>
2011 data (A7 or CP)	None
Latest consumption	2 countries (Libya and Yemen). (Libya was in non-compliance with the 2009 action plan for maintaining zero consumption level).

26. All of the countries whose latest consumption data exceeds the 2010 control measure have received support from the Multilateral Fund.

## Methyl bromide

27. Table 3 presents a summary of countries' compliance with MB control measures (excluding quarantine and pre-shipment). Of the 147 A5 countries that have ratified the Copenhagen Amendment, 144 have reported complete baseline data; 58 reported zero for both the baseline consumption and the latest consumption. One hundred A5 countries have received support from the Multilateral Fund for MB phase-out activities and/or projects.

Table 3

**METHYL BROMIDE CONTROL MEASURES:  
SUMMARY OF COUNTRIES WHOSE LATEST CONSUMPTION DATA  
EXCEEDS THE NEXT CONTROL MEASURES\***

<b>Data</b>	<b>Countries whose latest consumption exceeds the 20 per cent MB reduction target of 2005</b>	<b>Countries whose latest consumption is above the 2015 100% phase-out target</b>
2011 data (A7 or CP)	None	12 countries
Latest consumption	Turkmenistan (2010 Data)	27 countries

\* This table refers to 144 A5 countries with baseline and latest consumption data reported.

28. Turkmenistan is the only country whose latest consumption exceeds its 2005 control measure. Turkmenistan has approved projects that will lead to complete phase-out of MB.



### Carbon tetrachloride

29. Table 4 presents a summary of countries' compliance with the CTC control measure. The data summarized exclude feedstock and do not differentiate between specific end use (such as solvents and process agents). Of the 146 countries with reported baseline data, 90 reported zero both for the baseline and the latest consumption.

Table 4

**CARBON TETRACHLORIDE CONTROL MEASURES:  
SUMMARY OF COUNTRIES WHOSE LATEST CONSUMPTION DATA  
EXCEEDS THE 2010 CONTROL MEASURE**

<b>Data</b>	<b>Countries whose latest consumption exceeds the 2010 100% phase-out target</b>
2011 data (A7 or CP)	0 countries*
Latest consumption	0 countries*

\* Excluding those countries with exemptions and those that do not seek Multilateral Fund support.

### Methyl chloroform

30. Table 5 presents a summary of countries' compliance with the TCA control measures. Of the 146 countries that have reported baseline data, 103 reported zero both for the baseline and the latest consumption.

Table 5

**METHYL CHLOROFORM CONTROL MEASURES:  
SUMMARY OF COUNTRIES WHOSE LATEST CONSUMPTION DATA  
EXCEEDS THE NEXT CONTROL MEASURES**

<b>Data</b>	<b>Countries whose latest consumption exceeds the 70 per cent TCA reduction target of 2010</b>	<b>Countries whose latest consumption is above the 100 per cent TCA reduction target of 2015</b>
2011 data (A7 or CP)	None	None
Latest consumption	None	Republic of Korea (the)

31. The Republic of Korea, the only country whose latest consumption data exceeds its next control measures has agreed not to receive funding from the Multilateral Fund.

### HCFCs

32. Appendix VI of Annex I includes an analysis of the latest consumption data on HCFCs and indicates whether the country had received HPMP preparation funding, the number of investment projects approved, the number of demonstration projects approved, total phase-out approved in ODP tonnes and activities planned in the 2012 business plans. Additional information has been provided to indicate HPMPs approved to-date, those submitted to the 67<sup>th</sup> meeting, and the duration covered by the HPMP (such as, HPMPs approved to meet the 10 per cent reduction in 2015 or the 35 per cent reduction in 2020). The Executive Committee has approved HPMPs for 122 countries to-date.

33. One-hundred and forty-five A5 countries have reported both the baseline and the latest consumption as of 12 June 2012. All countries have received HPMP project preparation funds except the Republic of Korea, Singapore and the United Arab Emirates. The Republic of Korea and Singapore had agreed not to seek funding from the Multilateral Fund. All countries have ratified the Copenhagen

Amendment. Ratification of the Copenhagen Amendment is a pre-requisite for funding HPMPs as per decision 53/37.

34. Table 6 presents a summary of countries' compliance with the HCFC control measures.

Table 6

**HCFC CONTROL MEASURES:  
SUMMARY OF COUNTRIES WHOSE LATEST CONSUMPTION DATA  
EXCEEDS THE NEXT CONTROL MEASURES**

Data	Countries whose latest consumption exceeds the freeze reduction target of 2013
2011 data (A7 or CP)	36 countries
Latest consumption	74 countries

35. Sixty of the 74 countries have received funding for HCFC phase-out agreements from the Multilateral Fund.

**PART III: STATUS OF IMPLEMENTATION IN COUNTRIES SUBJECT TO DECISIONS OF THE PARTIES ON COMPLIANCE**

36. This section addresses A5 countries that are subject to decisions on compliance.

37. There are 25 compliance-related decisions of the Parties applying to 23 countries. One compliance-related issue has already been resolved as per A7 data; based on information from implementing agencies and the Ozone Secretariat, 14 compliance-related issues have been reported as resolved and 10 issues have not been resolved or reported as resolved. Table 7 indicates the extent to which progress has been made with regard to the decisions of the Implementation Committee based on information provided to the Ozone Secretariat and agencies.

Table 7

**REPORTED COMPLIANCE WITH COMPLIANCE-RELATED DECISIONS OF THE PARTIES**

Compliance issues	Achieved based on A7 data	Reported as achieved to IA and/or Ozone Secretariat	Not achieved or achievement not reported to IA and/or Ozone Secretariat	Total
Halon phase-out		1		1
Amendment ratification and licensing system			1	1
Licensing system		13	6	19
Data reporting	1		3	4
<b>Total</b>	<b>1</b>	<b>14</b>	<b>10</b>	<b>25</b>

**Information in Annex II**

38. Annex II presents information on countries subject to decisions of the Parties on compliance in 2011. It is arranged by compliance issue and by country. Annex II also includes two columns entitled "Implementing Agency Comments" and "MLF assessment based on agencies preliminary comments, A7 data and information from Ozone Secretariat".

## PART IV: DATA ON THE IMPLEMENTATION OF COUNTRY PROGRAMMES

39. Part III contains data on the implementation of CPs, which are submitted to the Fund Secretariat by 1 May of each year and include ODS consumption, by sector. This section also presents additional information on the characteristics of a country's ODS phase-out programme. The format for country programme data reporting was approved at the 35<sup>th</sup> meeting of the Executive Committee in decision 35/58(e) and was modified pursuant to decisions 46/39 and 60/4(b)(iv).

### ODS CONSUMPTION DATA BY SECTOR EXCEPT HCFCs

40. As of 12 June 2012, the latest reports on the implementation of CPs were received by the Fund Secretariat for 67 of the 144 countries required to submit such reports for 2011, 63 countries for 2010, 12 countries for 2009 and one country for 2008. It should be noted that renewal of institutional strengthening (IS) projects is contingent upon receiving CP data. Moreover CP implementation data must be submitted in advance of the last meeting of the year and subsequent meetings as a pre-condition for the approval and release of funding for projects. All countries that submitted requests for funding to the 67<sup>th</sup> meeting also submitted 2011 CP data except for China, Cook Islands (the), Eritrea, Gambia (the), Guinea-Bissau, India, Madagascar, Maldives, Myanmar, Nauru, Nepal, Nigeria, Saudi Arabia, Syrian Arab Republic, United Republic of Tanzania (the), Thailand and Tuvalu. The Executive Committee may wish to urge Parties that have not submitted 2011 CP data that such data must be submitted in advance of the last meeting of the year.

41. South Africa also submitted a request for funding to the 67<sup>th</sup> meeting but has not received funding from the Multilateral Fund either for country programme preparation or institutional strengthening. CP data reporting addresses all ODS. South Africa is only eligible for HCFC activities. The Executive Committee may wish to consider requesting South Africa to provide CP data for its HCFC activities following approval of its HPMP.

42. Although the consumption levels recorded are from different years and may not necessarily correspond to the A7 data reported, the CP data provides the most recent sectoral assessment by country, and on a global basis. These data should assist the A5 countries concerned and the Executive Committee to assess what remains to be phased out on a sectoral basis.

43. Table 8 presents the total remaining ODS consumption (excluding HCFCs) to be phased out by sector, taking into account projects that have been approved but are not yet implemented. It also includes total consumption phase-out from approved projects that have not been completed.

Table 8

### TOTAL REMAINING ODS CONSUMPTION (EXCLUDING HCFCs) BY SECTOR

Sector	Total latest consumption	Percentage of total latest consumption	Total phase-out approved but not completed	Balance to be phased out
Aerosol	0.0	0.0%	485.1	*
Foam	0.0	0.0%	20.0	*
Fumigant	2,047.3	45.3%	1,556.1	491.2
Halon	1.2	0.0%	0.0	1.2
Lab Use	283.5	6.3%	0.0	283.5
MDI	1,379.3	30.5%	545.6	833.7
Process agent	198.0	4.4%	6,587.0	*
Refrigeration	603.9	13.4%	1,459.0	*

Sector	Total latest consumption	Percentage of total latest consumption	Total phase-out approved but not completed	Balance to be phased out
Solvent	3.8	0.1%	0.2	3.6
Sterilant	0.0	0.0%	0.0	0.0
Tobacco	0.0	0.0%	0.0	0.0
<b>Total</b>	<b>4,517.0</b>	<b>100.0%</b>	<b>10,653.0</b>	<b>1,613.2</b>

\* More phase-out approved than latest consumption.

44. The total ODS reductions (excluding HCFCs) approved but not implemented (Table 8) do not include those approved in principle for MYAs or the reduction level that is expected to result from the implementation of refrigerant management plans (RMPs) and halon banking activities. In addition to the reductions already being funded, the Executive Committee has approved, in principle, sectoral and national phase-out projects for which annual tranches are released on the basis of achieved scheduled reductions.

45. The reductions from future annual tranches will address a significant amount of the remaining consumption identified in Table 8. Moreover, RMPs for low-volume-consuming (LVC) countries account for 85 per cent of the baseline consumption of these countries and terminal phase-out management plans (TPMPs) account for the remaining baseline. However, the data in the projects that have been approved but are not yet implemented do not account for all of this tonnage. In addition, the approved but unimplemented ODS phase-out in Table 8 does not include some halon consumption for countries that already have a halon banking project.

46. The total amount of remaining ODS consumption (excluding HCFCs) still to be addressed (taking into account the phase-out represented by TPMPs and RMPs for LVC countries, halon banking, total phase-out projects, and MYAs that are approved in principle) appears to be 823.7 ODP tonnes (Table 9). This is a reduction from the figure of 1,057.9 ODP tonnes that had been reported to the 64<sup>th</sup> meeting.

Table 9

**TOTAL REMAINING ODS CONSUMPTION (EXCLUDING HCFCs) BY SUBSTANCE BASED ON CP AND A7 DATA (AFTER TAKING INTO ACCOUNT THE REDUCTIONS REPRESENTED BY TPMPs AND RMPs FOR LVC COUNTRIES, HALON BANKING, TOTAL PHASE-OUT PROJECTS, AND MYAs THAT ARE APPROVED IN PRINCIPLE)**

Chemical	Remaining ODS consumption (ODP tonnes)
CFC	0.0*
CTC	0.0
Halons	0.0
MB	823.7
TCA	0.0
<b>Total</b>	<b>823.7</b>

\* According to decision 60/5(d).

**HCFC DATA**

47. Table 10 presents the levels of HCFC consumption based on the latest data available. It shows that there are 503,079 mt (33,310 ODP tonnes) of HCFC consumption consisting primarily of HCFC-22 (61 per cent of the total) and HCFC-141b (32 per cent of the total). The 503,079 mt of HCFCs represent an increase of 33,585 mt over the amount reported (469,494 mt) to the 64<sup>th</sup> meeting. By comparison, the

Fund has reduced 239,282 mt (255,642 ODP tonnes) of ODS consumption as at 31 December 2011. The level in this report is based on data from 2011 for 67 countries, 2010 for 63 countries, from 2009 for 12 countries and from 2008 for one country. For those countries reporting both 2010 and 2011 data, HCFC consumption has decreased by 5.4 per cent.

Table 10

**LEVELS OF LATEST HCFC CONSUMPTION DATA BY CHEMICAL**

Chemical	Metric tonnes	ODP tonnes	Percentage of total
HCFC-123	1,689.3	33.8	0.10%
HCFC-124	1,099.9	24.2	0.07%
HCFC-141b	96,414.1	10,605.5	31.84%
HCFC-141b in Imported Pre-blended Polyol	2,441.8	268.6	0.81%
HCFC-142b	30,030.9	1,952.0	5.86%
HCFC-21	3.1	0.1	0.00%
HCFC-22	371,340.9	20,423.7	61.31%
HCFC-225	1.6	0.1	0.00%
HCFC-225ca	56.8	1.4	0.00%
HCFC-225cb	0.9	0.03	0.00%
<b>Grand Total</b>	<b>503,079.2</b>	<b>33,309.6</b>	<b>100.00%</b>

**CHARACTERISTICS OF COUNTRY PROGRAMMES**

48. The new CP reporting format adopted in decision 46/39 and revised at the 60<sup>th</sup> meeting (decision 60/4(b)(iv)) provides an opportunity for NOUs to assess the prospects for compliance from both a quantitative and qualitative perspective.

**Completeness of the data**

49. This is the sixth year of use of the new format for reporting CP data. Two countries provided 2011 data still using the format that was approved at the 46<sup>th</sup> meeting and 65 countries used the revised format approved at the 60<sup>th</sup> meeting. Nevertheless, most of the data provided in the new format were incomplete for the three main sections: qualitative, quantitative and regulatory. Only seven countries, Belize, Central African Republic (the), El Salvador, Paraguay, Serbia, Togo and Venezuela (Bolivarian Republic of) provided all the information for all three sections (without any data with blanks).

50. In line with decision 59/4(b)(iv), the Secretariat reviewed the web-based country programme implementation data. The Secretariat noted that 47 countries (of the 67 that submitted data) submitted 2011 data using the web-based system that had been initiated on 25 April 2007.

51. Only 67 of the required 144 countries provided 2011 CP data and 63 provided 2010 data in time for analysis in this document.

**Summary of data**

All ODS except HCFCs

52. Sixty of the 67 reporting countries with RMPs/national phase-out plans (NPPs)/TPMPs either indicated progress or had completed the implementation of their RMPs/NPPs/TPMPs. Including those countries that reported data prior to 2011, 123 out of 143 countries showed progress or completed the implementation of their RMPs/NPPs/TPMPs.

53. Including those countries that reported data prior to 2011, a total of 14,301 recovery machines and 4,873 recycling machines are operational. Of those countries employing recovery and recycling (R&R) machines, 66 per cent reported that the machines had been functioning ‘satisfactorily’ or ‘very well’. A total of 227.6 ODP tonnes of CFC-11 has been recovered of which 153.7 ODP tonnes were reused, and a total of 18,205.4 ODP tonnes of CFC-12 have been recovered of which 2,045.8 ODP tonnes were reused. Data are not collected for the other ODS. Latest data reported for 2006-2011, taken together with that from previous years’ reports, indicate that a total of 52,983 refrigeration servicing technicians have been trained, 49,146 have been certified, and 2,549 refrigeration technician trainers have been trained.

54. One-hundred and ten of the 143 countries that reported data (including data from previous years’ reports) indicated that they had quota systems in place. In addition, 122 countries advised that importer registration was a requirement. A total of 15,839 customs officers have been reported as having been trained. It is not clear whether this is annual or cumulative data.

55. One-hundred and thirty-four of the 144 countries to which reporting requirements apply have reported operational licensing systems (65 of the 67 countries that reported 2011 data had operational licensing systems with 97 per cent of them functioning ‘satisfactorily’ or ‘very well’).

Price data for CFCs and HCFCs and their alternatives

56. The costs of some ODS and substitutes have been summarized in Table 11.

Table 11

**AVERAGE PRICE OF CFCs AND HCFCs AND THEIR ALTERNATIVES**

ODS	Average price/kilogram (US\$/kg) (2005 per Report to 50 <sup>th</sup> meeting)	Average Price/kilogram (US\$/kg) (2006 per Report to 54 <sup>th</sup> meeting)	Average Price/kilogram (US\$/kg) (2007 per Report to 57 <sup>th</sup> meeting)	Average Price/kilogram (US\$/kg) (2008 per Report to 60 <sup>th</sup> meeting)	Average Price/kilogram (US\$/kg) (2009 Report to 63 <sup>rd</sup> meeting)	Average Price/kilogram (US\$/kg) (2010 Report to the 66 <sup>th</sup> meeting)	Average Price/kilogram (US\$/kg) (2011 Report)	Number of countries where prices increased	Number of countries where prices decreased	Range (US\$/kg) (2011 Report)	Number of countries reporting non-zero data for 2011	Data excluded* from the calculation of the average (US\$/kg.) (2011 Report)
CFC-11	\$7.09	\$9.67	\$10.65	\$11.42	\$12.30	\$13.55	\$16.25	1	1	\$7.5 (Lebanon) \$25.00 (Mexico)	3	\$40.40 (Brazil)
CFC-12	\$8.98	\$10.95	\$12.81	\$11.52	\$10.84	\$12.08	\$19.54	6	2	\$8.33 (Philippines (the)) to \$36.00 (Central African Republic (the))	11	\$7.00 (Iraq), \$46.70 (Brazil)
CFC-113	\$9.02	\$19.41	\$19.00	\$16.52	\$9.91	\$5.94	N/A	N/A	N/A	None	0	None
CFC-114	\$9.98	\$17.37	\$18.92	\$16.31	\$6.35	\$15.25	N/A	N/A	N/A	None	0	None
CFC-115	\$10.94	\$12.41	\$11.97	\$8.82	\$11.62	\$11.51	N/A	N/A	N/A	None	0	None
Cyclopentane	N/A	N/A	\$4.03	\$1.91	\$3.74	\$4.68	\$5.12	1	N/A	\$4.64 (Philippines (the)) to \$5.60 (Armenia)	2	None
HCFC-123	N/A	N/A	N/A	N/A	\$9.09	\$15.23	\$14.11	2	1	\$9.52 (Philippines (the)) to \$20.24 (Paraguay)	6	\$1.50 (Bolivia (Plurinational State of)), \$32.00 (Venezuela (Bolivarian Republic of))
HCFC-124	N/A	N/A	N/A	N/A	\$12.73	\$9.14	N/A	N/A	N/A	None	0	None
HCFC-133	N/A	N/A	N/A	N/A	\$19.25	N/A	N/A	N/A	N/A	None	0	None
HCFC-141b	N/A	N/A	\$3.87	\$6.66	\$5.00	\$6.02	\$6.88	12	4	\$2.88 (Morocco) to \$14.36 (Honduras)	25	\$2.40 (Iran (Islamic Republic of)), \$19.00 (Venezuela (Bolivarian Republic of))

ODS	Average price/kilogram (US\$/kg) (2005 per Report to 50 <sup>th</sup> meeting)	Average Price/kilogram (US\$/kg) (2006 per Report to 54 <sup>th</sup> meeting)	Average Price/kilogram (US\$/kg) (2007 per Report to 57 <sup>th</sup> meeting)	Average Price/kilogram (US\$/kg) (2008 per Report to 60 <sup>th</sup> meeting)	Average Price/kilogram (US\$/kg) (2009 Report to 63 <sup>rd</sup> meeting)	Average Price/kilogram (US\$/kg) (2010 Report to the 66 <sup>th</sup> meeting)	Average Price/kilogram (US\$/kg) (2011 Report)	Number of countries where prices increased	Number of countries where prices decreased	Range (US\$/kg) (2011 Report)	Number of countries reporting non-zero data for 2011	Data excluded* from the calculation of the average (US\$/kg.) (2011 Report)
HCFC-141b in Imported Pre-blended Polyol	N/A	N/A	N/A	N/A	\$3.99	\$3.81	\$4.13	2	1	\$3.00 (Lebanon & Morocco) to \$8.00 (Bolivia (Plurinational State of))	8	\$8.20 (Kyrgyzstan)
HCFC-142b	N/A	N/A	\$5.46	\$6.59	\$7.75	\$7.09	\$7.78	N/A	N/A	\$6.25 (Namibia) to \$9.30 (Kyrgyzstan)	3	\$30.00 (Georgia)
HCFC-22	\$5.41	\$6.52	\$7.21	\$7.75	\$7.35	\$8.61	\$8.91	28	16	\$3.00 (Iran (Islamic Republic of)) to \$23.85 (Vanuatu)	61	\$69.00 (Jamaica), \$146.29 (Saint Vincent and the Grenadines)
HCFC-225	N/A	N/A	N/A	N/A	\$9.00	\$10.00	N/A	N/A	N/A	None	0	None
HCFC-225ca	N/A	N/A	N/A	N/A	\$32.22	\$37.10	\$42.86	1	N/A	\$42.86 (Philippines (the))	1	None
HCFC-225cb	N/A	N/A	N/A	N/A	\$19.11	\$37.10	\$42.86	1	N/A	\$42.86 (Philippines (the))	1	None
HFC-134a	\$12.21	\$13.16	\$12.44	\$11.37	\$12.52	\$15.14	\$16.62	24	17	\$7.00 (Iraq) to \$48.00 (Central African Republic (the))	62	\$3.54 (Dominica), \$355.55 (Saint Vincent and the Grenadines)
HCFC-227ea	N/A	N/A	\$9.32	\$12.97	\$18.03	\$28.30	\$16.10	N/A	2	\$2.20 (Seychelles) to \$30.00 (Serbia)	3	\$95.24 (Philippines (the))
HCFC-245fa	N/A	N/A	\$7.44	\$10.38	\$10.11	\$12.26	N/A	N/A	N/A	None	0	None
HFC-356mfc	N/A	N/A	\$15.52	\$10.38	\$9.63	\$11.00	N/A	N/A	N/A	None	0	None
Isobutane (HC-600a)	N/A	N/A	\$14.24	\$22.53	\$24.36	\$21.08	\$25.40	7	4	\$7.08 (Mongolia) to \$51.10 (Bolivia (Plurinational State of))	19	\$3.67 (Ghana), \$66.66 (Philippines (the))
MDI (foam production)	N/A	N/A	\$3.83	\$3.34	\$2.91	\$3.15	\$3.09	1	1	\$3.08 (Argentina) to \$3.10 (Philippines (the))	2	None
Methyl formate	N/A	N/A	N/A	N/A	\$5.02	\$3.62	N/A	N/A	N/A	None	0	None
Pentane	N/A	N/A	\$1.40	\$6.00	\$2.20	\$3.30	\$4.00	N/A	N/A	\$4.00 (Armenia)	1	None
Propane (HC-290)	N/A	N/A	\$6.49	\$7.88	\$20.53	\$21.79	\$28.05	3	2	\$13.10 (Republic of Moldova) to \$52.38 (Philippines (the))	7	\$3.00 (Argentina) \$175.00 (Senegal)
R-404A	N/A	N/A	\$12.44	\$16.46	\$16.13	\$18.67	\$19.76	19	18	\$2.50 (Iran (Islamic Republic of)) to \$56.00 (Burundi)	57	\$0.02 (Dominica), \$250.00 (Haiti), \$370.37 (Saint Vincent and the Grenadines)
R-407C	N/A	N/A	\$14.21	\$17.42	\$16.95	\$20.80	\$20.05	19	11	\$8.85 (Mauritius) to \$47.00 (Burkina Faso)	47	\$2.50 (Iran (Islamic Republic of)), \$55.00 (Burundi)
R-410A	N/A	N/A	\$14.21	\$15.43	\$16.44	\$20.26	\$19.79	17	15	\$2.50 (Iran (Islamic Republic of)) to \$45.00 (Burkina Faso)	50	\$250.00 (Haiti), \$442.59 (Saint Vincent and the Grenadines)
R-502	\$14.20	\$16.74	\$21.44	\$16.97	\$16.20	\$13.50	\$17.95	4	N/A	\$6.00 (Iran (Islamic Republic of)) to \$30.10 (Croatia)	8	\$250.00 (Haiti)
R-507A	N/A	N/A	\$12.47	\$17.69	\$17.48	\$17.55	\$19.77	11	5	\$8.20 (Iraq) to \$30.00 (Georgia)	28	\$8.00 (Chad), \$31.00 (Benin)

\* All zero \$ entries were excluded.

57. No such data have been provided for halons, MB or CTC.

58. Only 3 countries provided CFC-11 price data and 11 countries provided CFC-12 price data and it is not clear whether there is any CFC for sale in most countries since such CFCs would come from stockpiled quantities. Prices for HCFC-22 and HCFC-142b are lower than the prices of alternatives included in CP data. HCFC-141b prices are lower than alternatives HCFC-245fa and HFC-356mfc, but higher than cyclopentane, methyl formate and pentane based on 2010 prices.

### HCFCs

59. This is the third year of use of the revised format to include relevant information on HCFC phase-out approved at the 60<sup>th</sup> meeting (decision 60/4(b)(iv)). Sixty-five of the 67 countries provided 2011 data using the revised format with information on HCFCs.

60. Sixty-four of the 138 countries that reported data indicated that they had quota systems in place and 102 countries advised that importer registration was a requirement. A total of 378.1 ODP tonnes of HCFC-22 have been recovered of which 246 ODP tonnes were reused. A total of 4,166 customs officers have been reported as having been trained on HCFC. A total of 1,263 recovery machines and 403 recycling machines are operational, 5,277 technicians have been certified, 8,625 technicians have been trained and 1,580 trainers for technicians have been trained to recover and recycle HCFCs.

## **PART V: PROJECTS WITH IMPLEMENTATION DELAYS AND FOR WHICH SPECIAL STATUS REPORTS WERE REQUESTED**

61. There are 14 ongoing projects that have been classified as projects with implementation delays and are subject to the Committee's procedures for project cancellation. Projects with implementation delays are those: (i) that are expected to be completed more than 12 months late, and/or, (ii) where no disbursement has been made within 18 months of the project's approval. The breakdown of projects with implementation delays, by implementing and bilateral agency, is presented in Table 12 as follows: UNIDO (five); UNDP (four); the World Bank (two); UNEP (one); and Spain (one). Reports have not been received from Israel (one). Delays are most commonly caused by the enterprise and external factors followed by technical reasons and the Government.

Table 12

### **SUMMARY OF PROGRESS FOR PROJECTS WITH IMPLEMENTATION DELAYS**

	<b>IBRD</b>	<b>Spain</b>	<b>UNDP</b>	<b>UNEP</b>	<b>UNIDO</b>	<b>Total</b>
Number of projects reported	2	1	4	1	5	13
Number of projects with some progress	2	1	4	1	5	13

#### *Projects with some progress*

62. Thirteen projects have been classified as showing "some progress", and the implementing and bilateral agencies indicated that these would continue to be monitored (Annex III). Notwithstanding progress, it should be noted that projects approved over three years ago must continue to be monitored pursuant to decision 32/4. These projects cannot, therefore, be removed from the list for monitoring prior to final completion irrespective of the progress that may have been made. They are thus recommended for continued monitoring.



*Projects for which additional status reports were requested*

63. IS, halon banking, customs training, R&R, and demonstration projects are not subject to procedures for project cancellation. Nevertheless, the Executive Committee has decided to continue to monitor them as appropriate (decision 36/14(b)). At its 66<sup>th</sup> meeting, the Executive Committee requested 33 additional status reports. Such status reports are needed when there has been no indication of any progress since the last report and/or where additional impediments to implementation have been reported. There has been progress on 12 projects. Additional status reports are requested for submission to the 68<sup>th</sup> meeting for 21 projects (Annex IV) with the specific reasons for which additional status reports were requested.

*HPMP development/project document signature*

64. To-date, the Executive Committee has approved 297 HPMP and HCFC phase-out project preparation activities in 144 countries resulting in approved HPMP activities in 122 countries. Based on the number of HPMPs already approved and HPMPs submitted at the 67<sup>th</sup> meeting, 17 countries will submit their HPMPs after the 67<sup>th</sup> meeting.

65. At its 66<sup>th</sup> meeting, the Executive Committee requested six additional status reports for HPMP development projects. Such status reports are needed when there has been no indication of any progress since the last report and/or where additional impediments to implementation have been reported. The concerned HPMPs are at various stages of completion with one which has not started (Mauritania), one having its survey underway (Peru), nine having their HPMP being prepared or being finalized, five having their HPMP submitted but deferred or to be resubmitted, and one submitted but not yet approved. Additional status reports are requested for submission to the 68<sup>th</sup> meeting for five projects (Annex V).

*Projects with specific reporting requirements*

66. There are 43 projects for which specific reporting were requested by the 66<sup>th</sup> Executive Committee meeting. Two of them have been cancelled: the foam projects in Croatia (CRO/FOA/59/INV/34) and Egypt (EGY/FOA/62/INV/109), implemented by UNIDO. No additional reports are required for six projects including a resource allocation project (GLO/SEV/63/TAS/306) implemented by UNDP, a resource allocation project (GLO/SEV/63/TAS/307) implemented by UNIDO, a CTC phase-out plan in India (IND/PHA/58/INV/434) implemented by the World Bank, MB projects in Morocco (MOR/FUM/56/INV/61 and MOR/FUM/62/INV/66) implemented by UNIDO, and a TPMP verification in Zambia (ZAM/PHA/57/TAS/25) implemented by UNEP. The reasons for requesting these reports at the 66<sup>th</sup> meeting included:

- Outstanding CFC consumption verifications in LVC countries associated to TPMPs;
- Progress report on ongoing MYAs approved at the third meeting of 2011 and annual report not submitted to the 65<sup>th</sup> meeting;
- Specific reporting requirements in the approval clause of individual HCFC demonstration and investment projects to report on incremental capital costs, incremental operating costs and technology application in line with decision 55/43(b);
- To continue reporting progress on the implementation of TPMPs/NPPs to the 67<sup>th</sup> meeting and submit project completion report when TPMPs/NPPs are completed;
- To inform the Executive Committee on the four proposals subject to decision 63/20(a)(i) no later than the 67<sup>th</sup> meeting. ;
- To inform the Executive Committee on the two proposals subject to decision 63/23(a)(i) no later than the 67<sup>th</sup> meeting;
- To provide a work plan covering the funds remaining in the CTC phase-out plan to the 67<sup>th</sup> meeting;

- To submit a supplementary report to the 67<sup>th</sup> meeting on the assessment of low cost options for the use of hydrocarbons in the manufacture of polyurethane foams.

67. The Executive Committee may wish to request the submission of additional specific status reports to the 69<sup>th</sup> meeting on the remaining 34 projects (Annex VI).

## **PART VI: HCFC DEMONSTRATION PROJECTS**

68. One HCFC demonstration project report was submitted to the current meeting. A discussion of this report follows with Secretariat recommendations.

### **HFO-1234ze as a blowing agent in the manufacture of extruded polystyrene foam boardstock: an assessment for the application in MLF projects**

#### *Background*

69. UNDP has submitted to the 67<sup>th</sup> meeting a technical report on HFO-1234ze as a blowing agent in the manufacture of extruded polystyrene foam boardstock: an assessment for the application in MLF projects. The complete technical report is attached as Annex VII to this document.

70. At its 60<sup>th</sup> meeting, the Executive Committee approved a pilot project for validation of the use of HFO-1234ze as a blowing agent in the manufacture of extruded polystyrene (XPS) foam boardstock (phase I), on the understanding that the project would be the final validation project for HFO-1234ze in the manufacture of XPS foam, that the technology dissemination workshops would be deferred to phase II of the project depending on the results of the validation process, and that approval of the project was without prejudice to consideration of any future funding request for phase II of the project by the Executive Committee (decision 60/33).

#### *Summary*

71. UNDP conducted a series of trials with different formulations of HFO-1234ze and dimethyl ether (DME), which is an extremely flammable gas. Based on the validation data collected so far, HFO-1234ze technology is believed to have good prospects for replacing the use of HCFCs and/or high-global-warming potential (GWP) HFCs in XPS applications while providing acceptable thermal insulation and structural properties. However, to make such a product commercially acceptable, some optimization of density and surface (pinholes) will be required.

72. The trials showed that there is the potential to reduce flammability of the HFO-1234ze/DME blend and to improve thermal insulation performance by reducing the amount of DME. This would however require further trials (at a cost estimated at US \$150,000) for which funding is currently not available as all of the funds approved for the demonstration project (US \$165,000) have been utilized. UNDP is willing to do further optimization if requested, provided that additional funding is made available.

#### Secretariat's comments

73. The Secretariat noted that the report on the HFO-1234ze demonstration project indicated that additional trials would be required using different ratios of HFO-1234ze and DME blends and different extruders. At the 60<sup>th</sup> meeting, when the HFO-1234ze demonstration project was approved, the Secretariat noted that the cost for phase I of the project was lower than for other HCFC pilot projects because the manufacturer of this substance (Honeywell) had agreed to perform most tests in its facilities, thus avoiding the purchase of laboratory equipment. UNDP explained that, at the time of the preparation of the

project proposal, it had expected to conduct just one trial using two different HFO blends; however, issues encountered during project implementation required additional trials.

74. Based on the results achieved from the demonstration project, the Secretariat notes that HFO-1234ze could be a viable alternative technology for HCFC-based XPS technologies. However, this technology is not currently available, and although the price is still unknown, it is expected to be much higher than any of the current alternative technologies commercially available. It is also expected that the technology might become commercially available in the near future, with most (or all) of the issues related to its optimization addressed.

#### Secretariat's recommendation

75. The Executive Committee may wish:

- (a) To note with appreciation the report entitled "HFO-1234ze as a blowing agent in the manufacture of extruded polystyrene foam boardstock: An assessment for the application in MLF projects", submitted by UNDP; and
- (b) To request bilateral and implementing agencies to share the UNDP assessment report on HFO-1234ze, together with information on other alternatives, when assisting Article 5 countries in preparing projects for the phase-out of HCFC-142b/HCFC-22 in extruded polystyrene foam applications.

### **PART VII: RESOURCE MOBILIZATION FOR CLIMATE CO-BENEFITS**

76. At its 63<sup>rd</sup> meeting the Executive Committee approved funding of US \$680,000 for four individual global resource mobilization projects to be implemented by UNDP (US \$200,000), UNEP (US \$100,000), UNIDO (US \$200,000) and the World Bank (US \$180,000). These projects aim to mobilize resources to achieve climate benefits beyond those that could be achieved through HCFC phase-out alone. Interim reports were submitted by UNDP, UNEP, UNIDO and the World Bank to the 66<sup>th</sup> meeting. In decision 66/15(l) and (n), the Executive Committee decided to request UNDP and UNIDO to provide a further report to the 67<sup>th</sup> meeting.

#### **Global: Resource mobilization for climate co-benefits (UNDP)**

##### Progress Report

77. UNDP provided additional information on progress of activities undertaken between the 66<sup>th</sup> and 67<sup>th</sup> meeting for resource mobilisation. It indicated that the US \$ 1.7 million had been transferred to UNDP from the United States of America for demonstration and application of low-GWP and energy-efficient technologies in India, Indonesia and Malaysia covering the polyurethane (PU) foam and commercial air-conditioning and refrigeration sectors. In addition to technology demonstrations, these projects are expected to also provide options for policies and regulations for sustaining technical interventions, recommend approaches for accounting of climate benefits, and establish benchmarks for costs and implementation timeframes.

78. UNDP continued to provide technical backstopping for a Global Environment Facility (GEF) project proposal for Indonesia focusing on financing of energy-efficiency improvements in the air conditioning and refrigeration sectors. This project is currently being finalised at a cost of US \$4.5 million. UNDP had also provided information on additionality of the projects proposed; transparency and good governance; assurance that these projects would avoid perverse incentives for countries; exploring possibilities of profit-sharing, including return of funds to the Multilateral Fund; ensuring sustainability of the projects proposed; avoidance of duplication of similar projects; information

on transaction costs, as required by decision 63/20(a)(i). The report provided by UNDP is attached as Annex VIII.

#### Secretariat's comments

79. The Secretariat noted that UNDP had provided more substantive information on progress and advised that specific projects had been identified in line with decision 63/20. In discussions with UNDP, the Secretariat advised UNDP to make sure that where activities are linked to an already funded HPMP, there had to be a clear delineation on what the funding from other sources would cover in order that there are no possibilities of double funding the same activities. It reiterated that such activities would also clearly not be eligible for funding under the Multilateral Fund under its present guidelines for HCFC phase-out.

#### Secretariat's recommendation

80. The Executive Committee may wish to note the interim report on the resource mobilization for climate co-benefits submitted by UNDP and urge UNDP to submit a final report of these projects by the 68<sup>th</sup> meeting.

### **Global: Resource mobilization for HCFC phase-out and climate co-benefits (UNIDO)**

#### Progress Report

81. UNIDO provided additional information on the progress undertaken between the 66<sup>th</sup> and 67<sup>th</sup> meeting for resource mobilisation. UNIDO had focused on the GEF as a potential funding source and partner for these activities. It had identified the Gambia, Morocco and Viet Nam for projects in the fishery and food processing sectors. Project concepts had been submitted to the GEF for consideration focusing on energy-efficiency improvements in cold stores servicing the fishery and food processing sectors of these three countries. The GEF funding is envisaged to cover the costs of initial and final energy audits on facilities identified in these countries, propose solutions for improving energy efficiency through the conversion of facilities to use of low-GWP refrigerants and insulation. UNIDO believes that installing more energy-efficient equipment through GEF-funding will result in energy gains, which will provide financial benefits to sustain activities in the future.

82. UNIDO also provided detailed information on additionality of the projects proposed; transparency and good governance; assurance that these projects would avoid perverse incentives for countries; exploring possibilities of profit-sharing, including return of funds to the Multilateral Fund; ensuring sustainability of the projects proposed; avoidance of duplication of similar projects; information on transaction costs, as required by decision 63/23(a)(i). The report provided by UNIDO is attached as Annex IX.

#### Secretariat's comments

83. The Secretariat noted that UNIDO had provided more substantive information on the progress of the activities for resource mobilization. It observed that the three countries where projects are being proposed have had approvals for Stage I of the HPMP, and that the project concepts seem to be for activities that may be eligible for Multilateral Fund funding for Stage II. In addition, UNIDO is neither a lead nor cooperating implementing agency for the HPMP in Viet Nam and the Secretariat was concerned about the impact on implementation. In discussions with UNIDO, the Secretariat also cautioned the agency to make sure that in situations where activities are linked to an already funded HPMP, there would be a clear delineation on what the funding from other sources would cover in order to avoid the possibilities of double funding. It reiterated that such activities would also clearly not be eligible for funding under the Multilateral Fund under its present guidelines for HCFC phase-out. The Secretariat also

pointed to the importance of the agreement of the national ozone units as well as the implementing agencies responsible for the HPMP for such activities in order to ensure that there is close coordination to avoid delay in implementation of either project.

Secretariat's recommendation

84. The Executive Committee may wish to note the interim report on the resource mobilization for climate co-benefits submitted by UNIDO and urge UNIDO to submit a final report of these projects by the 68<sup>th</sup> meeting.

**RECOMMENDATIONS**

85. The Executive Committee may wish to consider:

- (a) Noting:
  - (i) With appreciation, the status reports and reports on projects with implementation delays submitted to the Secretariat by the implementing agencies and the Governments of France, Japan and Spain addressed in UNEP/OzL.Pro/ExCom/67/6;
  - (ii) That 47 country programme (CP) implementation reports for the year 2011 were submitted through the web-based system, which was initiated on 25 April 2007;
  - (iii) That the Secretariat and the implementing agencies would take established actions according to the Secretariat's assessments (some progress as per Annex III) and report to and notify governments and implementing agencies as required;
  - (iv) The significant reduction in reporting resulting from the streamlining decision to-date including the elimination at this meeting of 81 tranche implementation plan reports for 81 non-HCFC multi-year agreements (MYAs), and the elimination of 109 tranche implementation plan reports for HCFC phase-out management plans (HPMPs) in 69 countries;
- (b) Whether requests for changes to work plans with and without funding implications should be addressed in the document "Status reports and Compliance", or presented under agenda item "Investment Projects";
- (c) Urging the following countries that have not yet submitted 2011 CP data to do so in advance of the last meeting of the year: China, Cook Islands (the), Eritrea, Gambia (the), Guinea-Bissau, India, Madagascar, Maldives, Myanmar, Nauru, Nepal, Nigeria, Saudi Arabia, Syrian Arab Republic, United Republic of Tanzania (the), Thailand and Tuvalu;
- (d) Requesting:
  - (i) Implementing agencies to ensure that the requirements of decision 66/16(b)(ii) are fulfilled in the future as a condition of submission of tranche implementation plans to meetings following the 67<sup>th</sup> meeting;
  - (ii) The Government of South Africa to provide CP data for its HCFC activities following approval of its HPMP;

- (iii) Additional status reports on the projects listed in Annexes IV and V to the present document;
  - (iv) The Government of Israel to provide their implementation delays reports to the 68<sup>th</sup> meeting of the Executive Committee;
  - (v) The submission to the 69<sup>th</sup> meeting of additional specific status reports on the remaining 34 projects (Annex VI);
- (e) With respect to the HCFC demonstration project:
- (i) Noting with appreciation the report entitled “HFO-1234ze as a blowing agent in the manufacture of extruded polystyrene foam boardstock: An assessment for the application in MLF projects”, submitted by UNDP;
  - (ii) Requesting bilateral and implementing agencies to share the UNDP assessment report on HFO-1234ze, together with information on other alternatives, when assisting Article 5 countries in preparing projects for the phase-out of HCFC-142b/HCFC-22 in extruded polystyrene foam applications;
- (f) With respect to resource mobilization for climate co-benefits:
- (i) Noting the interim report on the resource mobilization for climate co-benefits submitted by UNDP and urge UNDP to submit a final report of these projects by the 68<sup>th</sup> meeting;
  - (ii) Noting the interim report on the resource mobilization for climate co-benefits submitted by UNIDO and urge UNIDO to submit a final report of these projects by the 68<sup>th</sup> meeting.

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## Annex I

### **DETAILED ANALYSIS OF THE STATUS OF IMPLEMENTATION IN COUNTRIES SUBJECT TO DECISIONS OF THE PARTIES ON COMPLIANCE AND THOSE WHOSE LATEST CONSUMPTION DATA EXCEEDS THE CONTROL MEASURES**

1. Annex I presents the detailed analysis of the status of implementation in countries subject to decisions of the Parties on compliance and those whose latest consumption data exceeds the next control measures. The data tables in Appendices I-VI indicate whether a country has received a total phase-out agreement for a specific controlled substance. The analysis of halons (Appendix II) indicates whether a halon banking activity has been approved. Halon banking guidelines require that regulations facilitating production and import bans are established within six months of the establishment of a reclamation centre (decision 18/22). The methyl bromide analysis (Appendix III) indicates further whether a country has received funding for a phase-out to meet the 2005 control measures. Appendices IV and V present information on the carbon tetrachloride (CTC) and methyl chloroform (TCA) phase-out, respectively. Appendix VI provides information on HCFC consumption only.

#### **ANALYSIS OF COMPLIANCE FOR CFCs (Appendix I)**

2. Countries have been grouped into one category: (a) those whose latest consumption exceeds the 2010 100 per cent phase-out target.

(a) Countries whose latest consumption exceeds the 2010 phase-out target

3. This category consists of 7 countries which may need to achieve additional CFC phase-out amounting to 1,538 ODP tonnes by 2010 in order to comply with the 100 per cent reduction target.

4. The Executive Committee has approved national CFC phase-out agreements for all of these countries.

5. Six of the 7 countries that have latest consumption that exceeded zero consumption either have essential use authorizations for CFC consumption (Argentina, Bangladesh, China, India and Syrian Arab Republic) as per decision XXI/4 or emergency essential use for CFC-113 2010-2011 consumption as per decision XXII/4 para. 7 (Dominican Republic (the)).

#### **ANALYSIS OF COMPLIANCE FOR HALONS (Appendix II)**

6. Seventy-five countries have reported no consumption of halons between 1995 and 2010.

7. Sixty-one countries have received support for halon banking activities or phase-out agreements. This includes those countries participating in regional halon banks. Halon banking is presumed to be the last funded activity in the halon consumption sector for most countries but there are some halon phase-out activities that are part of multi-sectoral phase-out agreements.

8. Countries have been grouped into the following one category: (a) those whose latest consumption exceeds the 2010 100 per cent phase-out target.

(a) Countries whose latest consumption exceeds the 2010 phase-out target

9. This category consists of two countries that may need to phase-out additional halons amounting to 3 ODP tonnes by 2010 in order to comply with the 100 per cent reduction targets. These countries have received support from the Multilateral Fund.

### **ANALYSIS OF COMPLIANCE FOR METHYL BROMIDE (Appendix III)**

10. This section presents the analysis for compliance with methyl bromide control measures. It should be noted that all data reported and used in this analysis relate to controlled use only, which means that the data exclude quarantine and pre-shipment (QPS). 144 of the 147 Article 5 countries that have ratified the Copenhagen Amendment have reported complete baseline data. Of these 147 countries, 58 reported zero for both the baseline consumption and the latest consumption.

11. One-hundred Article 5 countries have received support from the Multilateral Fund for methyl bromide activities and/or projects. This includes projects that will lead to a complete phase-out of methyl bromide in 63 of these countries, partial phase-out in an additional 8, and other forms of assistance received by 29.

12. Countries have been grouped into the following two categories: (a) those whose latest consumption exceeds the 20 per cent reduction target of 2005 that applies until December 2014; and (b) those whose latest consumption exceeds the 2015 100 per cent phase-out target. Appendix III identifies those countries that have not ratified the Copenhagen Amendment.

(a) Countries whose latest consumption exceeds the 20 per cent MB baseline reduction target

13. This category consists of only one country, Turkmenistan. This country may need to meet additional combined reduction amounting to 0.02 ODP tonnes in order to comply with the 20 per cent reduction targets. Turkmenistan has approved projects that will lead to complete phase-out of methyl bromide.

(b) Countries whose latest consumption exceeds the 2015 phase-out target

14. This category consists of 27 countries that may need to meet additional combined reduction amounting to 1,821 ODP tonnes by 2015 in order to comply with the 100 per cent reduction targets. Of the 27 countries, 23 countries have approved projects that will lead to complete phase-out of methyl bromide. Three countries may need additional assistance from the Multilateral Fund to achieve the phase-out of methyl bromide by 2015. The remaining country (Singapore) is currently not eligible to receive funding from the Multilateral Fund.

### **CARBON TETRACHLORIDE (CTC) (Appendix IV)**

15. This section presents the analysis of compliance with CTC control measures. All data reported and used in this analysis are those related to controlled use only, which excludes feedstock. Reported CTC consumption was not differentiated by specific end use, such as solvents, process agents and laboratory use.

16. Of the 146 countries with reported baseline data, 90 reported zero both for the baseline and the latest consumption.

17. Countries have been grouped into the following one category: (a) those whose latest consumption exceeds the 2010 100 per cent phase-out target. Appendix IV notes those countries that have not ratified the London Amendment.

(a) Countries whose latest consumption exceeds the 2010 phase-out target

18. This category consists of 5 countries that may need to phase out additional CTC amounting to 283.5 ODP tonnes to meet the 100 per cent reduction by 2010. Three of the 5 countries have received



funding for CTC phase-out agreements or projects from the Multilateral Fund. The Republic of Korea has agreed not to receive CTC funding from the Multilateral Fund.

19. Countries with latest CTC consumption that exceeded zero consumption have process agent use exemptions for CTC consumption as per decision XXII/8 (China) or CTC consumption for laboratory and analytical uses (Croatia, Nepal, Panama), except Republic of Korea (the).

#### **METHYL CHLOROFORM (TCA) (Appendix V)**

20. This section presents the analysis for compliance with TCA control measures. Of the 146 countries that have reported baseline data, 103 reported zero both for the baseline and the latest consumption.

21. Countries have been grouped into two categories: (a) those whose latest consumption exceeds the 70 per cent reduction target of 2010; and (b) those whose latest consumption exceeds the 2015 100 per cent phase-out target. Appendix V specifies those countries that have not ratified the London Amendment.

(a) Countries whose latest consumption exceeds the 70 per cent TCA baseline reduction target

22. All countries are in compliance with the 70 per cent TCA baseline reduction target.

(b) Countries whose latest consumption exceeds the 100 per cent TCA baseline reduction target

23. This category consists of one country (Republic of Korea (the)) that may need to meet additional combined reduction amounting to 66.7 ODP tonnes by 2015 in order to comply with the 100 per cent reduction target. The Republic of Korea is not eligible to receive TCA funding from the Multilateral Fund.

#### **HCFCs (Appendix VI)**

24. Appendix VI also includes an analysis of the latest consumption and baseline data on HCFCs and indicates whether the country had received HPMP preparation funding, the number of investment projects approved, the number of demonstration projects approved, total phase-out approved in ODP tonnes and activities planned in the 2012 business plans. 145 of the 147 countries already reported both the baseline and the latest consumption.

25. All countries have received HPMP project preparation funds except the Republic of Korea, Singapore and the United Arab Emirates. The Republic of Korea and Singapore had agreed not to receive funding from the Multilateral Fund.

(a) Countries whose latest consumption exceeds the freeze reduction target

26. This category consists of 74 countries that may need to phase out additional HCFC amounting to 1,551 ODP tonnes to meet the freeze reduction target by 2013.

27. 60 of the 74 countries have received funding for HCFC phase-out agreements from the Multilateral Fund. Of the 22 remaining countries, 6 countries have submitted HCFC phase-out projects to the 67<sup>th</sup> meeting, 11 countries have activities planned in the 2012-2014 business plans and the Republic of Korea has agreed not to receive HCFC funding from the Multilateral Fund.



Appendix I

CFC ANALYSIS

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 85% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Licensing System
Afghanistan	A7	2010	380.0	0.0					0%	0%	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Nov-05	Yes
Albania	A7	2011	40.8	0.0	Decision XV/26	0.00	0.00	0.00	0%	0%	No	No	LVC country with total CFC phase-out plan	Apr-03	Yes
Algeria	CP	2011	2,119.5	0.0					0%	0%	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Nov-07	Yes
Angola	A7	2011	114.8	0.0					0%	0%	No	No	LVC country with RMP/RMP update approved in accordance to Decision 31/48	Apr-03	Yes
Antigua and Barbuda	A7	2010	10.7	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Dec-04	Yes
Argentina	CP	2011	4,697.2	28.3					0%	*	Yes	No	Non-LVC country with an approved terminal CFC phase-out plan	Apr-04	Yes
Armenia	A7	2011	196.5	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan. (Phase-Out Plan funded through the GEF when country was a non-Article 5 Party)	Not Available	Yes
Bahamas (the)	A7	2010	64.9	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Dec-01	Yes
Bahrain	A7	2010	135.4	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-06	Yes
Bangladesh	A7	2010	581.6	48.0	Decision XXI/17	140.00	0.00		0%	*	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Apr-04	Yes
Barbados	A7	2011	21.5	0.0					0%	0%	No	No	LVC country with RMP/RMP update approved in accordance to Decision 31/48	Jul-04	Yes
Belize	CP	2011	24.4	0.0	Decision XIV/33	0.00	0.00	0.00	0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-07	Yes
Benin	CP	2011	59.9	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Jul-08	Yes
Bhutan	A7	2010	0.2	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Jul-07	Yes

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 85% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Licensing System
Bolivia (Plurinational State of)	CP	2011	75.7	0.0	Decision XV/29		0.00	0.00	0%	0%	No	No	LVC country with total CFC phase-out plan	Mar-07	Yes
Bosnia and Herzegovina	A7	2010	24.2	0.0	Decision XV/30 and Decision XXI/18	0.00	0.00		0%	0%	Yes	No	LVC country with total CFC phase-out plan	Dec-03	Yes
Botswana	A7	2011	6.9	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Apr-09	No
Brazil	A7	2011	10,525.8	0.0					0%	0%	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Jul-02	Yes
Brunei Darussalam	CP	2011	78.2	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Dec-04	Yes
Burkina Faso	A7	2011	36.3	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-06	Yes
Burundi	CP	2011	59.0	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Jul-08	Yes
Cambodia	A7	2010	94.2	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-07	Yes
Cameroon	A7	2010	256.9	-6.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-06	Yes
Cape Verde	A7	2010	2.3	0.0					0%	0%	Yes	No	LVC country with total CFC phase-out plan	Apr-08	Yes
Central African Republic (the)	A7	2011	11.2	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Jul-08	Yes
Chad	CP	2011	34.6	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-07	Yes
Chile	A7	2010	828.7	0.0					0%	0%	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Jul-08	Yes
China	A7	2010	57,818.7	968.6					0%	*	Yes	No	Non-LVC country with an approved terminal CFC phase-out plan	Apr-2005 (Last agreement approved by the ExCom for CFC)	Yes
Colombia	CP	2011	2,208.2	0.0					0%	0%	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Dec-03	Yes

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 85% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Licensing System
Comoros (the)	CP	2011	2.5	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Jul-07	Yes
Congo (the)	A7	2010	11.9	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Apr-08	Yes
Cook Islands (the)	A7	2010	1.7	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Dec-04	Yes
Costa Rica	CP	2011	250.2	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Jul-07	Yes
Cote d'Ivoire	A7	2010	294.2	0.0					0%	0%	Yes	No	LVC country with total CFC phase-out plan	Apr-08	Yes
Croatia	CP	2011	219.3	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Apr-03	Yes
Cuba	A7	2011	625.1	0.0					0%	0%	Yes	No	Non-LVC country with an approved terminal CFC phase-out plan	Jul-04	Yes
Democratic People's Republic of Korea (the)	A7	2010	441.7	0.0					0%	0%	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Nov-05	Yes
Democratic Republic of the Congo (the)	A7	2011	665.7	0.0					0%	0%	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Jul-06	Yes
Djibouti	A7	2011	21.0	0.0					0%	0%	Yes	No	LVC country with total CFC phase-out plan	Nov-07	Yes
Dominica	CP	2011	1.5	0.0	Decision XVIII/22	0.00	0.00	0.00	0%	0%	No	No	LVC country with total CFC phase-out plan	Apr-06	Yes
Dominican Republic (the)	A7	2011	539.8	1.5					0%	**	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Apr-05	Yes
Ecuador	A7	2010	301.4	0.0					0%	0%	Yes	No	LVC country with total CFC phase-out plan	Dec-03	Yes
Egypt	CP	2011	1,668.0	0.0					0%	0%	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Jul-05	Yes
El Salvador	A7	2011	306.5	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-07	Yes
Equatorial Guinea	A7	2010	31.5	0.0					0%	0%	Yes	No	LVC country with total CFC phase-out plan	Apr-09	Yes
Eritrea	A7	2010	41.1	0.0					0%	0%	Yes	No	LVC country with total CFC phase-out plan	Apr-08	Yes
Ethiopia	A7	2010	33.8	0.0	Decision XIV/34		0.00	0.00	0%	0%	No	No	LVC country with RMP/RMP update approved in accordance to Decision 31/48	Dec-04	Yes

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 85% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Licensing System
Fiji	A7	2011	33.4	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-05	Yes
Gabon	A7	2010	10.3	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Jul-07	Yes
Gambia (the)	A7	2010	23.8	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-07	Yes
Georgia	CP	2011	22.5	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-06	Yes
Ghana	A7	2011	35.8	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-06	Yes
Grenada	CP	2011	6.0	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Jul-06	Yes
Guatemala	CP	2011	224.6	0.0	Decision XV/34		0.00	0.00	0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-08	Yes
Guinea	A7	2010	42.4	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Jul-08	Yes
Guinea-Bissau	A7	2011	26.3	0.0	Decision XVI/24	3.94	0.00	0.00	0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-08	Yes
Guyana	A7	2010	53.2	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-07	Yes
Haiti	A7	2011	169.0	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Jul-09	Yes
Honduras	CP	2011	331.6	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Jul-08	Yes
India	A7	2010	6,681.0	316.1					0%	*	Yes	No	Non-LVC country with an approved terminal CFC phase-out plan	Apr-04	Yes
Indonesia	A7	2010	8,332.7	0.0					0%	0%	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Dec-04	Yes
Iran (Islamic Republic of)	CP	2011	4,571.7	0.0					0%	0%	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Dec-03	Yes
Iraq	CP	2011	1,517.0	0.0					0%	0%	Yes	No	Non-LVC country with an approved terminal CFC phase-out plan	Jul-09	Yes
Jamaica	CP	2011	93.2	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Jul-02	Yes
Jordan	A7	2011	673.3	0.0					0%	0%	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Nov-02	Yes

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 85% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Licensing System
Kenya	A7	2010	239.5	0.0	Decision XVIII/28	0.00			0%	0%	Yes	No	LVC country with total CFC phase-out plan	Dec-04	Yes
Kiribati	A7	2010	0.7	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Mar-02	Yes
Kuwait	A7	2010	480.4	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Jul-07	Yes
Kyrgyzstan	CP	2011	72.8	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-06	Yes
Lao People's Democratic Republic (the)	CP	2011	43.3	0.0					0%	0%	Yes	No	LVC country with total CFC phase-out plan	Apr-08	Yes
Lebanon	CP	2011	725.5	0.0					0%	0%	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Dec-04	Yes
Lesotho	A7	2011	5.1	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Dec-03	Yes
Liberia	CP	2011	56.1	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-07	Yes
Libya	A7	2009	716.7	0.0	Decision XV/36		0.00	0.00	0%	0%	Yes	No	Non-LVC country with an approved terminal CFC phase-out plan	Dec-03	Yes
Madagascar	A7	2010	47.9	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Jul-07	Yes
Malawi	CP	2011	57.7	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-07	Yes
Malaysia	A7	2010	3,271.1	0.0					0%	0%	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Dec-01	Yes
Maldives	A7	2011	4.6	0.0	Decision XV/37	0.00	0.00	0.00	0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-07	Yes
Mali	CP	2011	108.1	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-07	Yes
Marshall Islands (the)	A7	2010	1.1	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Mar-02	Yes
Mauritania	A7	2010	15.7	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-07	Yes
Mauritius	A7	2011	29.1	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Dec-03	Yes
Mexico	A7	2011	4,624.9	-6.0					0%	0%	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Apr-04	Yes

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 85% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Licensing System
Micronesia (Federated States of)	A7	2011	1.2	0.0	Decision XVII/32	0.00	0.00	0.00	0%	0%	No	No	LVC country with total CFC phase-out plan	Mar-02	Yes
Mongolia	A7	2011	10.6	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-05	Yes
Montenegro	CP	2011	104.9	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-07	Yes
Morocco	CP	2011	802.3	0.0					0%	0%	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Jul-04	Yes
Mozambique	A7	2010	18.2	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-08	Yes
Myanmar	A7	2010	54.3	0.0					0%	0%	Yes	No	LVC country with total CFC phase-out plan	Not Available	Yes
Namibia	CP	2011	21.9	0.0	Decision XV/38	1.00	0.00	0.00	0%	0%	No	No	LVC country with total CFC phase-out plan	Dec-03	Yes
Nauru	A7	2010	0.5	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Dec-04	Yes
Nepal	A7	2011	27.0	0.0	Decision XVI/27	4.00	0.00		0%	0%	No	No	LVC country with total CFC phase-out plan	Jul-07	Yes
Nicaragua	A7	2010	82.8	0.0					0%	0%	Yes	No	LVC country with total CFC phase-out plan	Nov-08	Yes
Niger (the)	A7	2010	32.0	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Apr-08	Yes
Nigeria	A7	2010	3,650.0	0.0	Decision XIV/30	100.00	0.00	0.00	0%	0%	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Nov-02	Yes
Niue	A7	2010	0.1	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Dec-04	Yes
Oman	A7	2011	248.4	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Jul-07	Yes
Pakistan	A7	2010	1,679.4	0.0					0%	0%	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Apr-04	Yes
Palau	CP	2011	1.6	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Mar-02	Yes
Panama	CP	2011	384.1	0.0					0%	0%	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Dec-04	Yes
Papua New Guinea	A7	2011	36.3	0.0	Decision XV/40		0.00	0.00	0%	0%	No	No	LVC country with total CFC phase-out plan	Apr-03	Yes



Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 85% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Licensing System
Paraguay	CP	2011	210.6	0.0	Decision XIX/22	31.60	0.00		0%	0%	No	No	LVC country with total CFC phase-out plan	Mar-07	Yes
Peru	A7	2011	289.5	0.0					0%	0%	Yes	No	LVC country with total CFC phase-out plan	Jul-08	Yes
Philippines (the)	CP	2011	3,055.8	0.0					0%	0%	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Nov-02	Yes
Qatar	A7	2010	101.4	0.0					0%	0%	Yes	No	LVC country with total CFC phase-out plan	Nov-07	Yes
Republic of Korea (the)	A7	2010	9,159.8	0.0					0%	0%	No	No			Yes
Republic of Moldova (the)	A7	2011	73.3	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Jul-07	Yes
Rwanda	A7	2010	30.4	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-07	Yes
Saint Kitts and Nevis	A7	2010	3.7	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Apr-06	Yes
Saint Lucia	A7	2010	8.3	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Jul-07	Yes
Saint Vincent and the Grenadines	A7	2011	1.8	0.0	Decision XVI/30	0.10	0.00	0.00	0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-05	Yes
Samoa	A7	2010	4.5	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-07	Yes
Sao Tome and Principe	A7	2010	4.7	0.0					0%	0%	Yes	No	LVC country with total CFC phase-out plan	Apr-08	Yes
Saudi Arabia	A7	2010	1,798.5	0.0	Decision XXII/15		0.00		0%	0%	Yes	No	Non-LVC country with an approved terminal CFC phase-out plan	Nov-07	Yes
Senegal	CP	2011	155.8	0.0					0%	0%	Yes	No	LVC country with total CFC phase-out plan	Jul-07	Yes
Serbia	A7	2011	849.2	0.0					0%	0%	Yes	No	Non-LVC country with an approved terminal CFC phase-out plan	Jul-04	Yes
Seychelles	A7	2011	2.9	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Mar-07	Yes
Sierra Leone	A7	2010	78.6	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Apr-09	Yes
Singapore	A7	2010	210.5	0.0					0%	0%	No	No			Yes
Solomon Islands	A7	2010	2.1	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Mar-02	Yes

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 85% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Licensing System
Somalia	CP	2011	241.4	0.0	Decision XXI/23		0.00		0%	0%	No	No	LVC country with no RMP		Yes
South Africa	A7	2010	592.6	0.0					0%	0%	No	No			Yes
Sri Lanka	CP	2011	445.6	0.0					0%	0%	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Jul-04	Yes
Sudan (the)	A7	2010	456.8	0.0					0%	0%	Yes	No	Non-LVC country with an approved terminal CFC phase-out plan	Dec-04	Yes
Suriname	CP	2011	41.3	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-08	Yes
Swaziland	A7	2010	24.6	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-08	Yes
Syrian Arab Republic	A7	2010	2,224.6	44.7					0%	*	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Jul-06	Yes
Thailand	A7	2010	6,082.1	0.0					0%	0%	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Dec-01	Yes
The Former Yugoslav Republic of Macedonia	A7	2011	519.7	0.0					0%	0%	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Apr-05	Yes
Timor-Leste	A7	2010	36.0	0.0					0%	0%	No	No	LVC country with no RMP		No
Togo	A7	2011	39.8	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Apr-08	Yes
Tonga	A7	2010	1.3	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Mar-02	Yes
Trinidad and Tobago	A7	2011	120.0	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Jul-03	Yes
Tunisia	CP	2011	870.1	0.0					0%	0%	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Jul-06	Yes
Turkey	A7	2010	3,805.7	0.0					0%	0%	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Dec-01	Yes
Turkmenistan	A7	2010	37.3	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan. (Phase-Out Plan funded through the GEF when country was a non-Article 5 Party)	Not Available	Yes

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 85% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Licensing System
Tuvalu	A7	2010	0.3	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Mar-02	Yes
Uganda	A7	2010	12.8	0.0					0%	0%	Yes	No	LVC country with total CFC phase-out plan	Jul-08	Yes
United Arab Emirates (the)	A7	2010	529.3	0.0					0%	0%	No	No			Yes
United Republic of Tanzania (the)	A7	2010	253.9	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Apr-08	Yes
Uruguay	CP	2011	199.1	0.0					0%	0%	No	No	LVC country with total CFC phase-out plan	Nov-06	Yes
Vanuatu	CP	2011	0.0	0.0	Decision XXII/18		0.00		0%	0%	No	No	LVC country with total CFC phase-out plan	Mar-02	Yes
Venezuela (Bolivarian Republic of)	CP	2011	3,322.4	0.0					0%	0%	Yes	No	Non-LVC country with an approved terminal CFC phase-out plan	Apr-04	Yes
Viet Nam	A7	2010	500.0	0.0					0%	0%	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Apr-05	Yes
Yemen	A7	2009	1,796.1	130.6					0%	Over	Yes	No	Non-LVC country with an approved terminal CFC phase-out plan	Jul-08	Yes
Zambia	A7	2010	27.4	0.0					0%	0%	Yes	No	LVC country with total CFC phase-out plan	Nov-07	Yes
Zimbabwe	A7	2010	451.4	0.0					0%	0%	No	No	Non-LVC country with an approved terminal CFC phase-out plan	Dec-04	Yes

\*For essential use authorizations for CFC consumption.

\*\* For emergency essential use for CFC-113 2010-2011 consumption per decision XXII/4 para. 7.



Appendix II

HALON ANALYSIS

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 50% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved
Afghanistan	A7	2010	1.9	0.0					0%	0%	No	No	Country with a halon baseline and no current consumption	
Albania	A7	2011	0.0	0.0					0%	0%	No	No		
Algeria	CP	2011	237.3	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Dec-01 and Nov-07
Angola	A7	2011	0.0	0.0					0%	0%	No	No		
Antigua and Barbuda	A7	2010	0.3	0.0					0%	0%	No	No	Country with a halon baseline and no current consumption	
Argentina	CP	2011	167.8	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Nov-98
Armenia	A7	2011	0.0	0.0					0%	0%	No	No		
Bahamas (the)	A7	2010	0.0	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Nov-98
Bahrain	A7	2010	38.9	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Mar-00
Bangladesh	A7	2010	0.0	0.0					0%	0%	No	No		
Barbados	A7	2011	0.0	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Nov-98
Belize	CP	2011	0.0	0.0					0%	0%	No	No		
Benin	CP	2011	3.9	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Jul-02
Bhutan	A7	2010	0.3	0.0					0%	0%	No	No	Country with a halon baseline and no current consumption	
Bolivia (Plurinational State of)	CP	2011	0.0	0.0					0%	0%	No	No		

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 50% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved
Bosnia and Herzegovina	A7	2010	4.1	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Apr-04
Botswana	A7	2011	5.2	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Dec-01
Brazil	A7	2011	21.3	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	May-96
Brunei Darussalam	CP	2011	0.0	0.0					0%	0%	No	No		
Burkina Faso	A7	2011	5.3	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Jul-02
Burundi	CP	2011	0.0	0.0					0%	0%	No	No		
Cambodia	A7	2010	0.0	0.0					0%	0%	No	No		
Cameroon	A7	2010	2.4	0.0	Decision XV/32		0.00	0.00	0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Jul-02
Cape Verde	A7	2010	0.0	0.0					0%	0%	No	No		
Central African Republic (the)	A7	2011	0.0	0.0					0%	0%	No	No		
Chad	CP	2011	0.0	0.0					0%	0%	No	No		
Chile	A7	2010	8.5	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Mar-07
China	A7	2010	34,186.7	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Nov-97
Colombia	CP	2011	187.7	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Dec-03
Comoros (the)	CP	2011	0.0	0.0					0%	0%	No	No		
Congo (the)	A7	2010	5.0	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Jul-02 and Apr-08
Cook Islands (the)	A7	2010	0.0	0.0					0%	0%	No	No		
Costa Rica	CP	2011	0.0	0.0					0%	0%	No	No		
Cote d'Ivoire	A7	2010	0.0	0.0					0%	0%	No	No		

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 50% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved
Croatia	CP	2011	30.1	-83.5					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Jul-04
Cuba	A7	2011	0.0	0.0					0%	0%	No	No		
Democratic People's Republic of Korea (the)	A7	2010	0.0	0.0					0%	0%	No	No		
Democratic Republic of the Congo (the)	A7	2011	218.7	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Jul-02
Djibouti	A7	2011	0.0	0.0					0%	0%	No	No		
Dominica	CP	2011	0.0	0.0					0%	0%	No	No		
Dominican Republic (the)	A7	2011	4.2	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Mar-07
Ecuador	A7	2010	5.5	0.0					0%	0%	No	No	Country with a halon baseline and no current consumption	
Egypt	CP	2011	705.0	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Dec-00
El Salvador	A7	2011	0.7	0.0					0%	0%	No	No	Country with a halon baseline and no current consumption	
Equatorial Guinea	A7	2010	28.3	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Apr-09
Eritrea	A7	2010	2.3	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Apr-08
Ethiopia	A7	2010	1.1	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Dec-01
Fiji	A7	2011	0.0	0.0					0%	0%	No	No		
Gabon	A7	2010	0.0	0.0					0%	0%	No	No		
Gambia (the)	A7	2010	0.0	0.0					0%	0%	No	No		
Georgia	CP	2011	42.5	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Nov-05
Ghana	A7	2011	0.0	0.0					0%	0%	No	No		
Grenada	CP	2011	0.0	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Nov-98

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 50% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved
Guatemala	CP	2011	0.2	0.0					0%	0%	No	No	Country with a halon baseline and no current consumption	
Guinea	A7	2010	8.6	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Jul-02
Guinea-Bissau	A7	2011	0.0	0.0					0%	0%	No	No		
Guyana	A7	2010	0.1	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Nov-98
Haiti	A7	2011	1.5	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Nov-06
Honduras	CP	2011	0.0	0.0					0%	0%	No	No		
India	A7	2010	1,249.4	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Dec-00
Indonesia	A7	2010	354.0	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Mar-99
Iran (Islamic Republic of)	CP	2011	1,420.0	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Jul-99
Iraq	CP	2011	70.4	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Jul-09
Jamaica	CP	2011	1.0	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Nov-98
Jordan	A7	2011	210.0	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Nov-99
Kenya	A7	2010	5.3	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Dec-01
Kiribati	A7	2010	0.0	0.0					0%	0%	No	No		
Kuwait	A7	2010	3.0	0.0					0%	0%	No	No	Country with a halon baseline and no current consumption	
Kyrgyzstan	CP	2011	0.0	0.0	Decision XVII/36	0.00	0.00	0.00	0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Apr-06



Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 50% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved
Lao People's Democratic Republic (the)	CP	2011	0.0	0.0					0%	0%	No	No		
Lebanon	CP	2011	0.0	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Mar-00
Lesotho	A7	2011	0.2	0.0	Decision XVI/25				0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Dec-01
Liberia	CP	2011	19.5	0.0					0%	0%	No	No	Country with a halon baseline and no current consumption	
Libya	A7	2009	633.1	1.8	Decision XVII/37	0.00	0.00	0.00	0%	Over	No	No	Country with approved halon banking and/or halon phase-out project	Nov-05
Madagascar	A7	2010	0.0	0.0					0%	0%	No	No		
Malawi	CP	2011	0.0	0.0					0%	0%	No	No		
Malaysia	A7	2010	8.0	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Mar-93
Maldives	A7	2011	0.0	0.0					0%	0%	No	No		
Mali	CP	2011	0.0	0.0					0%	0%	No	No		
Marshall Islands (the)	A7	2010	0.0	0.0					0%	0%	No	No		
Mauritania	A7	2010	0.0	0.0					0%	0%	No	No		
Mauritius	A7	2011	0.0	0.0					0%	0%	No	No		
Mexico	A7	2011	124.6	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Dec-01
Micronesia (Federated States of)	A7	2011	0.0	0.0					0%	0%	No	No		
Mongolia	A7	2011	0.0	0.0					0%	0%	No	No		
Montenegro	CP	2011	2.3	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Nov-07
Morocco	CP	2011	7.0	0.0					0%	0%	No	No	Country with a halon baseline and no current consumption	
Mozambique	A7	2010	0.9	0.0					0%	0%	No	No	Country with a halon baseline and no current consumption	
Myanmar	A7	2010	0.0	0.0					0%	0%	No	No		

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 50% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved
Namibia	CP	2011	8.3	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Dec-01
Nauru	A7	2010	0.0	0.0					0%	0%	No	No		
Nepal	A7	2011	2.0	0.0					0%	0%	No	No	Country with a halon baseline and no current consumption	
Nicaragua	A7	2010	0.0	0.0					0%	0%	No	No		
Niger (the)	A7	2010	0.0	0.0					0%	0%	No	No		
Nigeria	A7	2010	285.3	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Jul-02
Niue	A7	2010	0.0	0.0					0%	0%	No	No		
Oman	A7	2011	13.7	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Jul-05
Pakistan	A7	2010	14.2	0.0	Decision XVI/29		0.00	0.00	0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Dec-03
Palau	CP	2011	0.0	0.0					0%	0%	No	No		
Panama	CP	2011	0.0	0.0					0%	0%	No	No		
Papua New Guinea	A7	2011	0.0	0.0					0%	0%	No	No		
Paraguay	CP	2011	0.0	0.0					0%	0%	No	No		
Peru	A7	2011	0.0	0.0					0%	0%	No	No		
Philippines (the)	CP	2011	103.9	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Nov-95
Qatar	A7	2010	10.7	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Mar-00
Republic of Korea (the)	A7	2010	3,678.0	0.0					0%	0%	No	No		
Republic of Moldova (the)	A7	2011	0.4	0.0					0%	0%	No	No	Country with a halon baseline and no current consumption	
Rwanda	A7	2010	0.0	0.0					0%	0%	No	No		
Saint Kitts and Nevis	A7	2010	0.0	0.0					0%	0%	No	No		
Saint Lucia	A7	2010	0.0	0.0					0%	0%	No	No		
Saint Vincent and the Grenadines	A7	2011	0.0	0.0					0%	0%	No	No		

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 50% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved
Samoa	A7	2010	0.0	0.0					0%	0%	No	No		
Sao Tome and Principe	A7	2010	0.0	0.0					0%	0%	No	No		
Saudi Arabia	A7	2010	1,064.0	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Nov-07
Senegal	CP	2011	0.0	0.0					0%	0%	No	No		
Serbia	A7	2011	3.8	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Dec-01
Seychelles	A7	2011	0.0	0.0					0%	0%	No	No		
Sierra Leone	A7	2010	16.0	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Mar-07
Singapore	A7	2010	0.0	0.0					0%	0%	No	No		
Solomon Islands	A7	2010	0.0	0.0					0%	0%	No	No		
Somalia	CP	2011	17.7	0.0	Decision XX/19	9.40	0.00		0%	0%	No	No	Country with a halon baseline and no current consumption	
South Africa	A7	2010	0.0	0.0					0%	0%	No	No		
Sri Lanka	CP	2011	0.0	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Jul-04
Sudan (the)	A7	2010	2.0	0.0					0%	0%	No	No	Country with a halon baseline and no current consumption	
Suriname	CP	2011	0.0	0.0					0%	0%	No	No		
Swaziland	A7	2010	0.0	0.0					0%	0%	No	No		
Syrian Arab Republic	A7	2010	416.9	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Jul-01
Thailand	A7	2010	271.7	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Nov-99
The Former Yugoslav Republic of Macedonia	A7	2011	32.1	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Jul-02
Timor-Leste	A7	2010	1.5	0.0					0%	0%	No	No	Country with a halon baseline and no current consumption	
Togo	A7	2011	0.0	0.0					0%	0%	No	No		
Tonga	A7	2010	0.0	0.0					0%	0%	No	No		

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 50% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved
Trinidad and Tobago	A7	2011	46.6	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Nov-98
Tunisia	CP	2011	104.3	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Jul-06
Turkey	A7	2010	141.0	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Nov-02
Turkmenistan	A7	2010	0.0	0.0					0%	0%	No	No		
Tuvalu	A7	2010	0.0	0.0					0%	0%	No	No		
Uganda	A7	2010	0.0	0.0					0%	0%	No	No		
United Arab Emirates (the)	A7	2010	75.4	0.0					0%	0%	No	No		
United Republic of Tanzania (the)	A7	2010	0.3	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Dec-01 and Apr-08
Uruguay	CP	2011	0.0	0.0					0%	0%	No	No		
Vanuatu	CP	2011	0.0	0.0					0%	0%	No	No		
Venezuela (Bolivarian Republic of)	CP	2011	0.0	0.0					0%	0%	No	No		
Viet Nam	A7	2010	37.1	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Apr-05
Yemen	A7	2009	140.0	1.2					0%	Over	No	No	Country with approved halon banking and/or halon phase-out project	Mar-00
Zambia	A7	2010	0.0	0.0					0%	0%	No	No		
Zimbabwe	A7	2010	1.5	0.0					0%	0%	No	No	Country with approved halon banking and/or halon phase-out project	Dec-01

Appendix III

METHYL BROMIDE ANALYSIS

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 20% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Ratified Copenhagen Amendment
Afghanistan	A7	2010	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Albania	A7	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Algeria	CP	2011	4.7	1.8					0%	Over	No	No	Country with approved projects that would as a minimum enable compliance with the 2005 MB limit	Nov-06	Yes
Angola	A7	2011	NDR	0.0							No	No			Yes
Antigua and Barbuda	A7	2010	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Argentina	CP	2011	411.3	232.2					0%	Over	Yes	No	Country with approved projects that would as a minimum enable compliance with the 2005 MB limit	Mar-02	Yes
Armenia	A7	2011	0.0	0.0	Decision XVIII/20	0.00	0.00	0.00	0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption (At its 47th Meeting, the Committee decided that support for achieving compliance should be provided under UNEP CAP)		Yes
Bahamas (the)	A7	2010	0.2	0.0					0%	0.0	No	No	Country that has not received assistance to achieve the 2005 MB phase out target		Yes
Bahrain	A7	2010	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 20% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Ratified Copenhagen Amendment
Bangladesh	A7	2010	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Barbados	A7	2011	0.1	0.0					0%	0.0	No	No	Country that has not received assistance to achieve the 2005 MB phase out target		Yes
Belize	CP	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Benin	CP	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Bhutan	A7	2010	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Bolivia (Plurinational State of)	CP	2011	0.6	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Dec-01	Yes
Bosnia and Herzegovina	A7	2010	3.5	0.0	Decision XV/30	0.00	0.00	0.00	0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Dec-03	Yes
Botswana	A7	2011	0.2	0.0	Decision XV/31	0.00	0.00	0.00	0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Jul-98	Yes
Brazil	A7	2011	711.6	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Jul-05	Yes
Brunei Darussalam	CP	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Burkina Faso	A7	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Burundi	CP	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 20% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Ratified Copenhagen Amendment
Cambodia	A7	2010	0.0	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Jul-05	Yes
Cameroon	A7	2010	18.1	0.0					0%	0.0	Yes	No	Country with approved projects for complete phase-out of MB	Jul-07	Yes
Cape Verde	A7	2010	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Central African Republic (the)	A7	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Chad	CP	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Chile	A7	2010	212.5	161.9	Decision XVII/29				0%	Over	No	No	Country with approved projects for complete phase-out of MB	Apr-10	Yes
China	A7	2010	1,102.1	201.7					0%	Over	Yes	Yes	Country with approved projects for complete phase-out of MB (Possible additional funding for 100 ODP tonnes of MB used as a soil fumigant in ginseng crop).	Dec-03	Yes
Colombia	CP	2011	110.1	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Jul-08	Yes
Comoros (the)	CP	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Congo (the)	A7	2010	0.9	0.0					0%	0.0	No	No	Country with approved projects that would as a minimum enable compliance with the 2005 MB limit	Nov-02	Yes
Cook Islands (the)	A7	2010	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 20% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Ratified Copenhagen Amendment
Costa Rica	CP	2011	342.5	106.1					0%	Over	Yes	No	Country with approved projects for complete phase-out of MB	Dec-01	Yes
Cote d'Ivoire	A7	2010	8.1	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Apr-04	Yes
Croatia	CP	2011	15.7	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Dec-01	Yes
Cuba	A7	2011	50.5	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Dec-04	Yes
Democratic People's Republic of Korea (the)	A7	2010	30.0	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Jul-98	Yes
Democratic Republic of the Congo (the)	A7	2011	1.5	0.0					0%	0.0	No	No	Country with approved projects that would as a minimum enable compliance with the 2005 MB limit	Nov-02	Yes
Djibouti	A7	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Dominica	CP	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Dominican Republic (the)	A7	2011	104.2	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Nov-02	Yes
Ecuador	A7	2010	66.2	40.8	Decision XX/16	52.80	52.80	52.80	0%	Over	Yes	No	Country with approved projects for complete phase-out of MB	Nov-2002 and Nov-2011	Yes
Egypt	CP	2011	238.1	133.2					0%	Over	Yes	No	Country with approved projects for complete phase-out of MB	Nov-08	Yes
El Salvador	A7	2011	1.4	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Apr-05	Yes



Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 20% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Ratified Copenhagen Amendment
Equatorial Guinea	A7	2010	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Eritrea	A7	2010	0.5	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Ethiopia	A7	2010	15.6	0.0					0%	0.0	No	No	Country that has not received assistance to achieve the 2005 MB phase out target		Yes
Fiji	A7	2011	0.7	0.0	Decision XVII/33				0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Nov-05	Yes
Gabon	A7	2010	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Gambia (the)	A7	2010	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Georgia	CP	2011	13.7	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Nov-05	Yes
Ghana	A7	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Grenada	CP	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Guatemala	CP	2011	400.7	0.0	Decision XVIII/26				0%	0.0	Yes	Yes	Country with approved projects for complete phase-out of MB	Nov-09	Yes
Guinea	A7	2010	NDR	0.0							No	No			Yes
Guinea-Bissau	A7	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 20% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Ratified Copenhagen Amendment
Guyana	A7	2010	1.4	0.0					0%	0.0	No	No	Country that has not received assistance to achieve the 2005 MB phase out target		Yes
Haiti	A7	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Honduras	CP	2011	259.4	112.8	Decision XVII/34				0%	Over	No	No	Country with approved projects for complete phase-out of MB	Nov-06	Yes
India	A7	2010	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Indonesia	A7	2010	40.7	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Dec-04	Yes
Iran (Islamic Republic of)	CP	2011	26.7	0.7					0%	Over	No	No	Country with approved projects for complete phase-out of MB	Nov-05	Yes
Iraq	CP	2011	4.6	0.0					0%	0.0	Yes	No	Country with approved projects for complete phase-out of MB	Dec-10	Yes
Jamaica	CP	2011	4.9	1.2					0%	Over	No	No	Country with approved projects for complete phase-out of MB	Nov-05	Yes
Jordan	A7	2011	176.3	19.2					0%	Over	Yes	No	Country with approved projects for complete phase-out of MB	Nov-99	Yes
Kenya	A7	2010	217.5	6.6					0%	Over	Yes	No	Country with approved projects for complete phase-out of MB	Nov-2002 and Nov-2011	Yes
Kiribati	A7	2010	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Kuwait	A7	2010	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 20% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Ratified Copenhagen Amendment
Kyrgyzstan	CP	2011	14.2	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Dec-03	Yes
Lao People's Democratic Republic (the)	CP	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Lebanon	CP	2011	236.4	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Jul-01	Yes
Lesotho	A7	2011	0.1	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Liberia	CP	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Libya	A7	2009	94.1	30.0	Decision XVII/37		0.00	0.00	0%	Over	Yes	No	Country with approved projects for complete phase-out of MB	Nov-05	Yes
Madagascar	A7	2010	2.6	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Apr-05	Yes
Malawi	CP	2011	112.8	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Dec-00	Yes
Malaysia	A7	2010	14.6	5.3					0%	Over	Yes	No	Country with approved projects for complete phase-out of MB	Jul-04	Yes
Maldives	A7	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Mali	CP	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Marshall Islands (the)	A7	2010	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 20% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Ratified Copenhagen Amendment
Mauritania	A7	2010	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Mauritius	A7	2011	0.1	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Dec-03	Yes
Mexico	A7	2011	1,130.8	488.2					0%	Over	Yes	Yes	Country with approved projects for complete phase-out of MB	Apr-08	Yes
Micronesia (Federated States of)	A7	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Mongolia	A7	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Montenegro	CP	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Morocco	CP	2011	697.2	56.9					0%	Over	Yes	No	Country with approved projects for complete phase-out of MB	Nov-08	Yes
Mozambique	A7	2010	3.4	NDR							Yes	No	Country with approved projects for complete phase-out of MB	Apr-10	Yes
Myanmar	A7	2010	3.4	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Namibia	CP	2011	0.8	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Nauru	A7	2010	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Nepal	A7	2011	0.0	0.0					0%	0.0	No	No	Country that is not yet Party to the Copenhagen Amendment		Yes

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 20% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Ratified Copenhagen Amendment
Nicaragua	A7	2010	0.4	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Apr-05	Yes
Niger (the)	A7	2010	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Nigeria	A7	2010	2.9	0.0					0%	0.0	No	No	Country with approved projects that would as a minimum enable compliance with the 2005 MB limit	Nov-02	Yes
Niue	A7	2010	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Oman	A7	2011	1.0	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Dec-04	Yes
Pakistan	A7	2010	14.0	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Apr-05	Yes
Palau	CP	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Panama	CP	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Papua New Guinea	A7	2011	0.3	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Apr-03	Yes
Paraguay	CP	2011	0.9	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Nov-05	Yes
Peru	A7	2011	1.3	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Jul-00	Yes
Philippines (the)	CP	2011	10.3	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Dec-04	Yes

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 20% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Ratified Copenhagen Amendment
Qatar	A7	2010	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Republic of Korea (the)	A7	2010	0.0	0.0					0%	0.0	No	No			Yes
Republic of Moldova (the)	A7	2011	7.0	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Apr-05	Yes
Rwanda	A7	2010	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Saint Kitts and Nevis	A7	2010	0.3	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Nov-06	Yes
Saint Lucia	A7	2010	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Saint Vincent and the Grenadines	A7	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Samoa	A7	2010	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Sao Tome and Principe	A7	2010	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Saudi Arabia	A7	2010	204.1	36.0					0%	Over	No	No	Country with approved projects for complete phase-out of MB	Nov-07	Yes
Senegal	CP	2011	53.2	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Jul-01	Yes
Serbia	A7	2011	8.3	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 20% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Ratified Copenhagen Amendment
Seychelles	A7	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Sierra Leone	A7	2010	2.6	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Nov-05	Yes
Singapore	A7	2010	5.0	0.8					0%	Over	No	No			Yes
Solomon Islands	A7	2010	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Somalia	CP	2011	0.5	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
South Africa	A7	2010	602.7	0.0					0%	0.0	No	No			Yes
Sri Lanka	CP	2011	4.1	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Nov-02	Yes
Sudan (the)	A7	2010	3.0	1.5					0%	Over	No	No	Country with approved projects that would as a minimum enable compliance with the 2005 MB limit	Nov-02	Yes
Suriname	CP	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Swaziland	A7	2010	0.6	0.0					0%	0.0	No	No	Country with approved projects that would as a minimum enable compliance with the 2005 MB limit	Nov-02	Yes
Syrian Arab Republic	A7	2010	188.6	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Jul-01	Yes
Thailand	A7	2010	183.0	60.3					0%	Over	Yes	No	Country with approved projects for complete phase-out of MB	Dec-04	Yes
The Former Yugoslav Republic of Macedonia	A7	2011	12.2	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Dec-00	Yes

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 20% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Ratified Copenhagen Amendment
Timor-Leste	A7	2010	0.2	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Togo	A7	2011	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Tonga	A7	2010	0.2	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Trinidad and Tobago	A7	2011	1.7	0.1					0%	Over	Yes	No	Country with approved projects for complete phase-out of MB	Nov-11	Yes
Tunisia	CP	2011	8.3	0.0					0%	0.0	No	No	Country that has not received assistance to achieve the 2005 MB phase out target (Decision XV/12)		Yes
Turkey	A7	2010	479.7	0.0					0%	0.0	No	No	Country with approved projects that would as a minimum enable compliance with the 2005 MB limit	Dec-01	Yes
Turkmenistan	A7	2010	3.6	2.9					1%	Over	Yes	No	Country with approved projects for complete phase-out of MB	Nov-09	Yes
Tuvalu	A7	2010	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Uganda	A7	2010	6.3	0.0	Decision XV/43	0.00	0.00	0.00	0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Jul-01	Yes
United Arab Emirates (the)	A7	2010	7.2	0.0					0%	0.0	No	No			Yes
United Republic of Tanzania (the)	A7	2010	0.0	0.0					0%	0.0	No	No	Country with MB baseline equal to zero, or no calculated baseline or with no current consumption		Yes
Uruguay	CP	2011	11.2	6.0	Decision XVII/39	8.90	6.00	6.00	0%	Over	No	No	Country with approved projects for complete phase-out of MB	Jul-01	Yes



Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 20% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Ratified Copenhagen Amendment
Vanuatu	CP	2011	0.2	0.0					0%	0.0	No	No	Country that has not received assistance to achieve the 2005 MB phase out target		Yes
Venezuela (Bolivarian Republic of)	CP	2011	10.3	0.0					0%	0.0	No	No	Country with approved projects for complete phase-out of MB	Apr-05	Yes
Viet Nam	A7	2010	136.5	76.8					0%	Over	Yes	No	Country with approved projects for complete phase-out of MB	Nov-06	Yes
Yemen	A7	2009	54.5	25.0					0%	Over	Yes	Yes	Country with approved projects for complete phase-out of MB	Nov-08	Yes
Zambia	A7	2010	29.4	2.0					0%	Over	Yes	No	Country with approved projects for complete phase-out of MB	Nov-08	Yes
Zimbabwe	A7	2010	557.0	10.8					0%	Over	No	No	Country with approved projects for complete phase-out of MB	Nov-06	Yes



Appendix IV

CTC ANALYSIS

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 85% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Ratified London Amendment
Afghanistan	A7	2010	0.9	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Nov-05	Yes
Albania	A7	2011	3.1	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Apr-03	Yes
Algeria	CP	2011	20.9	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Nov-07	Yes
Angola	A7	2011	NDR	0.0							No	No			Yes
Antigua and Barbuda	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Argentina	CP	2011	187.2	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Dec-03	Yes
Armenia	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Bahamas (the)	A7	2010	0.0	0.0					0%	0%	No	No	Country that has not received assistance to achieve the 2005 CTC phase out target		Yes
Bahrain	A7	2010	0.8	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Apr-05	Yes
Bangladesh	A7	2010	5.7	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Apr-04	Yes
Barbados	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Belize	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Benin	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Bhutan	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Bolivia (Plurinational State of)	CP	2011	0.3	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Mar-07	Yes
Bosnia and Herzegovina	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Botswana	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Brazil	A7	2011	411.6	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Apr-08	Yes
Brunei Darussalam	CP	2011	0.0	0.0					0%	0%	No	No			Yes

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 85% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Ratified London Amendment
Burkina Faso	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Burundi	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Cambodia	A7	2010	0.0	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Apr-09	Yes
Cameroon	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Cape Verde	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Central African Republic (the)	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Chad	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Chile	A7	2010	0.6	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Dec-03	Yes
China	A7	2010	49,142.1	282.6					0%	*	Yes	No	Country with an approved CTC phase-out plan/project	Nov-02	Yes
Colombia	CP	2011	6.1	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Apr-06	Yes
Comoros (the)	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Congo (the)	A7	2010	0.6	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Apr-08	Yes
Cook Islands (the)	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Costa Rica	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Cote d'Ivoire	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Croatia	CP	2011	3.9	0.6					**	**	No	No	Country with an approved CTC phase-out plan/project	Apr-05	Yes
Cuba	A7	2011	2.7	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Jul-04	Yes
Democratic People's Republic of Korea (the)	A7	2010	1,285.2	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Dec-03	Yes
Democratic Republic of the Congo (the)	A7	2011	15.3	0.0	Decision XVIII/21				0%	0%	No	No	Country with an approved CTC phase-out plan/project	Mar-07	Yes
Djibouti	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Dominica	CP	2011	0.0	0.0					0%	0%	No	No			Yes

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 85% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Ratified London Amendment
Dominican Republic (the)	A7	2011	29.0	0.0					0%	0%	No	No	Country that has not received assistance to achieve the 2005 CTC phase out target		Yes
Ecuador	A7	2010	0.5	0.0					0%	0%	No	No	Country that has not received assistance to achieve the 2005 CTC phase out target		Yes
Egypt	CP	2011	38.5	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Dec-04	Yes
El Salvador	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Equatorial Guinea	A7	2010	1.5	0.0					0%	0%	No	No			Yes
Eritrea	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Ethiopia	A7	2010	0.0	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Apr-05	Yes
Fiji	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Gabon	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Gambia (the)	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Georgia	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Ghana	A7	2011	0.4	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Dec-04	Yes
Grenada	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Guatemala	CP	2011	10.6	0.0					0%	0%	No	No	Country that has not received assistance to achieve the 2005 CTC phase out target		Yes
Guinea	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Guinea-Bissau	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Guyana	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Haiti	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Honduras	CP	2011	0.0	0.0					0%	0%	No	No			Yes
India	A7	2010	11,505.3	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Jul-03	Yes
Indonesia	A7	2010	0.0	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Dec-04	Yes
Iran (Islamic Republic of)	CP	2011	77.0	0.0	Decision XIX/27				0%	0%	No	No	Country with an approved CTC phase-out plan/project	Nov-06	Yes

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 85% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Ratified London Amendment
Iraq	CP	2011	21.4	0.0					0%	0%	Yes	No	Country with an approved CTC phase-out plan/project	Jul-09	Yes
Jamaica	CP	2011	2.8	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Apr-04	Yes
Jordan	A7	2011	40.3	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Nov-02	Yes
Kenya	A7	2010	65.9	0.0					0%	0%	Yes	No	Country with an approved CTC phase-out plan/project	Apr-09	Yes
Kiribati	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Kuwait	A7	2010	0.0	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Jul-07	Yes
Kyrgyzstan	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Lao People's Democratic Republic (the)	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Lebanon	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Lesotho	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Liberia	CP	2011	0.2	0.0					0%	0%	No	No	Country that has not received assistance to achieve the 2005 CTC phase out target		Yes
Libya	A7	2009	0.0	0.0					0%	0%	No	No			Yes
Madagascar	A7	2010	0.0	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Jul-07	Yes
Malawi	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Malaysia	A7	2010	4.5	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Dec-01	Yes
Maldives	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Mali	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Marshall Islands (the)	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Mauritania	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Mauritius	A7	2011	0.0	0.0					0%	0%	No	No			Yes

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 85% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Ratified London Amendment
Mexico	A7	2011	62.5	0.0	Decision XVIII/30 and Decision XXI/20	0.00	0.00	0.00	0%	0%	No	No	Country with an approved CTC phase-out plan/project	Jul-07	Yes
Micronesia (Federated States of)	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Mongolia	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Montenegro	CP	2011	1.1	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Nov-07	Yes
Morocco	CP	2011	1.1	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Apr-05	Yes
Mozambique	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Myanmar	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Namibia	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Nauru	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Nepal	A7	2011	0.9	0.1					0%	**	No	No	Country with an approved CTC phase-out plan/project	Nov-05	Yes
Nicaragua	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Niger (the)	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Nigeria	A7	2010	152.8	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Jul-04	Yes
Niue	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Oman	A7	2011	0.1	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Apr-05	Yes
Pakistan	A7	2010	412.9	0.0	Decision XVIII/31				0%	0%	No	No	Country with an approved CTC phase-out plan/project	Dec-03	Yes
Palau	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Panama	CP	2011	0.0	0.1					0%	**	No	No			Yes
Papua New Guinea	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Paraguay	CP	2011	0.6	0.0	Decision XIX/22	0.10	0.00		0%	0%	No	No	Country with an approved CTC phase-out plan/project	Apr-05	Yes

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 85% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Ratified London Amendment
Peru	A7	2011	1.0	0.0					0%	0%	No	No	Country that has not received assistance to achieve the 2005 CTC phase out target		Yes
Philippines (the)	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Qatar	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Republic of Korea (the)	A7	2010	638.0	0.1					0%	Over	No	No			Yes
Republic of Moldova (the)	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Rwanda	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Saint Kitts and Nevis	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Saint Lucia	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Saint Vincent and the Grenadines	A7	2011	0.0	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Nov-05	Yes
Samoa	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Sao Tome and Principe	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Saudi Arabia	A7	2010	259.2	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Nov-07	Yes
Senegal	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Serbia	A7	2011	18.8	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Nov-08	Yes
Seychelles	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Sierra Leone	A7	2010	2.6	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Apr-09	Yes
Singapore	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Solomon Islands	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Somalia	CP	2011	0.0	0.0					0%	0%	No	No			Yes
South Africa	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Sri Lanka	CP	2011	35.1	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Jul-04	Yes
Sudan (the)	A7	2010	2.2	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Dec-04	Yes
Suriname	CP	2011	0.0	0.0					0%	0%	No	No			Yes



Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 85% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Ratified London Amendment
Swaziland	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Syrian Arab Republic	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Thailand	A7	2010	7.5	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Dec-01	Yes
The Former Yugoslav Republic of Macedonia	A7	2011	0.1	0.0					0%	0%	No	No	Country that has not received assistance to achieve the 2005 CTC phase out target		Yes
Timor-Leste	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Togo	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Tonga	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Trinidad and Tobago	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Tunisia	CP	2011	2.9	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Apr-05	Yes
Turkey	A7	2010	105.1	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Dec-03	Yes
Turkmenistan	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Tuvalu	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Uganda	A7	2010	0.4	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Jul-08	Yes
United Arab Emirates (the)	A7	2010	0.0	0.0					0%	0%	No	No			Yes
United Republic of Tanzania (the)	A7	2010	0.1	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Apr-08	Yes
Uruguay	CP	2011	0.4	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Apr-05	Yes
Vanuatu	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Venezuela (Bolivarian Republic of)	CP	2011	1,107.2	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Apr-05	Yes
Viet Nam	A7	2010	1.6	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Apr-05	Yes
Yemen	A7	2009	0.0	0.0					0%	0%	No	No			Yes
Zambia	A7	2010	0.7	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Apr-05	Yes
Zimbabwe	A7	2010	11.6	0.0					0%	0%	No	No	Country with an approved CTC phase-out plan/project	Nov-06	Yes

UNEP/OzL.Pro/ExCom/67/6  
Annex I  
Appendix IV

\* For process use exemptions.

\*\* For laboratory and analytical uses.

Appendix V

TCA ANALYSIS

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 70% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Ratified London Amendment
Afghanistan	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Albania	A7	2011	0.0	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Apr-03	Yes
Algeria	CP	2011	5.8	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Nov-07	Yes
Angola	A7	2011	NDR	0.0							No	No			Yes
Antigua and Barbuda	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Argentina	CP	2011	65.7	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Dec-03	Yes
Armenia	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Bahamas (the)	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Bahrain	A7	2010	22.7	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Apr-05	Yes
Bangladesh	A7	2010	0.9	0.0	Decision XVII/27	0.55	0.26		0%	0%	No	No	Country with an approved TCA phase-out plan/project	Apr-04	Yes
Barbados	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Belize	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Benin	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Bhutan	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Bolivia (Plurinational State of)	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Bosnia and Herzegovina	A7	2010	1.6	0.0	Decision XVII/28				0%	0%	No	No	Country with an approved TCA phase-out plan/project	Dec-03	Yes
Botswana	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Brazil	A7	2011	32.4	0.0					0%	0%	No	No	Country that has not received assistance to achieve the 2005 TCA phase out target		Yes

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 70% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Ratified London Amendment
Brunei Darussalam	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Burkina Faso	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Burundi	CP	2011	0.1	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Apr-05	Yes
Cambodia	A7	2010	0.5	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Apr-09	Yes
Cameroon	A7	2010	8.2	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Nov-06	Yes
Cape Verde	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Central African Republic (the)	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Chad	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Chile	A7	2010	6.4	0.0	Decision XVII/29	4.51	1.93		0%	0%	No	No	Country with an approved TCA phase-out plan/project	Dec-03	Yes
China	A7	2010	721.2	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Mar-00	Yes
Colombia	CP	2011	0.6	0.0					0%	0%	No	No	Country that has not received assistance to achieve the 2005 TCA phase out target		Yes
Comoros (the)	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Congo (the)	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Cook Islands (the)	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Costa Rica	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Cote d'Ivoire	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Croatia	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Cuba	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Democratic People's Republic of Korea (the)	A7	2010	7.7	0.0					0%	0%	No	No	Country that has not received assistance to achieve the 2005 TCA phase out target		Yes
Democratic Republic of the Congo (the)	A7	2011	4.7	0.0	Decision XVIII/21				0%	0%	No	No	Country with an approved TCA phase-out plan/project	Mar-07	Yes
Djibouti	A7	2011	0.0	0.0					0%	0%	No	No			Yes

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 70% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Ratified London Amendment
Dominica	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Dominican Republic (the)	A7	2011	3.6	0.0					0%	0%	No	No	Country that has not received assistance to achieve the 2005 TCA phase out target		Yes
Ecuador	A7	2010	2.0	0.0	Decision XVII/31				0%	0%	No	No	Country that has not received assistance to achieve the 2005 TCA phase out target		Yes
Egypt	CP	2011	26.0	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Dec-04	Yes
El Salvador	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Equatorial Guinea	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Eritrea	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Ethiopia	A7	2010	0.5	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Apr-05	Yes
Fiji	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Gabon	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Gambia (the)	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Georgia	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Ghana	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Grenada	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Guatemala	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Guinea	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Guinea-Bissau	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Guyana	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Haiti	A7	2011	0.2	0.0					0%	0%	No	No	Country that has not received assistance to achieve the 2005 TCA phase out target		Yes
Honduras	CP	2011	0.0	0.0					0%	0%	No	No			Yes
India	A7	2010	122.2	0.0					0%	0%	No	No	Country that has not received assistance to achieve the 2005 TCA phase out target		Yes
Indonesia	A7	2010	13.3	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Dec-04	Yes

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 70% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Ratified London Amendment
Iran (Islamic Republic of)	CP	2011	8.7	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Nov-06	Yes
Iraq	CP	2011	0.0	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Jul-09	Yes
Jamaica	CP	2011	1.4	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Apr-04	Yes
Jordan	A7	2011	18.2	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Nov-02	Yes
Kenya	A7	2010	1.1	0.0					0%	0%	Yes	No	Country with an approved TCA phase-out plan/project	Apr-09	Yes
Kiribati	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Kuwait	A7	2010	0.0	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Jul-07	Yes
Kyrgyzstan	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Lao People's Democratic Republic (the)	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Lebanon	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Lesotho	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Liberia	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Libya	A7	2009	0.0	0.0					0%	0%	No	No			Yes
Madagascar	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Malawi	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Malaysia	A7	2010	49.5	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Dec-01	Yes
Maldives	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Mali	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Marshall Islands (the)	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Mauritania	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Mauritius	A7	2011	0.1	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Dec-03	Yes

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 70% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Ratified London Amendment
Mexico	A7	2011	56.4	0.0					0%	0%	No	No	Country that has not received assistance to achieve the 2005 TCA phase out target		Yes
Micronesia (Federated States of)	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Mongolia	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Montenegro	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Morocco	CP	2011	0.1	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Apr-05	Yes
Mozambique	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Myanmar	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Namibia	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Nauru	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Nepal	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Nicaragua	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Niger (the)	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Nigeria	A7	2010	32.9	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Jul-04	Yes
Niue	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Oman	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Pakistan	A7	2010	2.3	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Jul-03	Yes
Palau	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Panama	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Papua New Guinea	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Paraguay	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Peru	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Philippines (the)	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Qatar	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Republic of Korea (the)	A7	2010	513.3	66.7					0%	Over	No	No			Yes
Republic of Moldova (the)	A7	2011	0.0	0.0					0%	0%	No	No			Yes

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 70% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Ratified London Amendment
Rwanda	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Saint Kitts and Nevis	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Saint Lucia	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Saint Vincent and the Grenadines	A7	2011	0.0	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Nov-05	Yes
Samoa	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Sao Tome and Principe	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Saudi Arabia	A7	2010	29.8	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Nov-07	Yes
Senegal	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Serbia	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Seychelles	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Sierra Leone	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Singapore	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Solomon Islands	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Somalia	CP	2011	0.0	0.0					0%	0%	No	No			Yes
South Africa	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Sri Lanka	CP	2011	3.0	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Jul-04	Yes
Sudan (the)	A7	2010	0.0	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Dec-04	Yes
Suriname	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Swaziland	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Syrian Arab Republic	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Thailand	A7	2010	54.6	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Dec-01	Yes
The Former Yugoslav Republic of Macedonia	A7	2011	0.0	0.0					0%	0%	No	No			Yes
Timor-Leste	A7	2010	0.1	0.0					0%	0%	No	No			Yes
Togo	A7	2011	0.0	0.0					0%	0%	No	No			Yes



Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Compliance Decision	2009 Action Plan Target	2010 Action Plan Target	2011 Action Plan Target	Percentage Over 70% Reduction	Percentage Over 100% Reduction	Ongoing Phase-Out (As of June 2012)	Phase-Out in 2012 Business Plans	Remarks	Date Approved	Ratified London Amendment
Tonga	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Trinidad and Tobago	A7	2011	0.7	0.0					0%	0%	No	No	Country that has not received assistance to achieve the 2005 TCA phase out target		Yes
Tunisia	CP	2011	0.1	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Apr-05	Yes
Turkey	A7	2010	37.4	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Dec-03	Yes
Turkmenistan	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Tuvalu	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Uganda	A7	2010	0.0	0.0					0%	0%	No	No			Yes
United Arab Emirates (the)	A7	2010	0.0	0.0					0%	0%	No	No			Yes
United Republic of Tanzania (the)	A7	2010	0.0	0.0					0%	0%	No	No			Yes
Uruguay	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Vanuatu	CP	2011	0.0	0.0					0%	0%	No	No			Yes
Venezuela (Bolivarian Republic of)	CP	2011	4.7	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Apr-05	Yes
Viet Nam	A7	2010	0.2	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Apr-05	Yes
Yemen	A7	2009	0.9	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Apr-2005 and Jul-2008	Yes
Zambia	A7	2010	0.1	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Apr-05	Yes
Zimbabwe	A7	2010	0.0	0.0					0%	0%	No	No	Country with an approved TCA phase-out plan/project	Nov-06	Yes



Appendix VI

HCFC ANALYSIS

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Percentage Over Freeze	Phase-out approved (as of June 2012)	HPMP Project Preparation Approved	Number of Individual Investment Projects Approved	Number of Demonstration Projects Approved	Activities in 2012 Business Plan	HPMP/ Individual Projects Approved	Date of Approval	HPMPs or Individual Projects Submitted to the 67th Meeting for Consideration	Control Measures Addressed by HPMPs (Approval/ Submission)	Additional Percent of Starting Point/BP Baseline Addressed by Individual Projects (Approval/ Submission)
Afghanistan	A7	2010	23.8	24.9	5%	0.0	Yes			No	HPMP	Apr-11		35% by 2020	
Albania	A7	2011	6.0	6.5	8%	0.0	Yes			No	HPMP	Jul-11		35% by 2020	
Algeria	CP	2011	30.2	76.7	154%	13.5	Yes			Yes	HPMP	Dec-10		20% by 2017	
Angola	A7	2011	16.0	11.6	0%	0.0	Yes			Yes	HPMP	Nov-11		10% by 2015	
Antigua and Barbuda	A7	2010	0.3	0.1	0%	0.0	Yes			Yes	HPMP	Apr-12		10% by 2015	
Argentina	CP	2011	400.7	468.1	17%	79.0	Yes			Yes	HPMP	Jul-10		17.5% by 2017	
Armenia	A7	2011	7.0	7.5	7%	2.2	Yes			Yes	HPMP	Dec-10		10% by 2015	
Bahamas (the)	A7	2010	4.8	6.1	27%	0.0	Yes			No	HPMP	Nov-11		35% by 2020	
Bahrain	A7	2010	51.9	58.7	13%	0.0	Yes			Yes					
Bangladesh	A7	2010	72.6	77.5	7%	20.8	Yes			No	HPMP	Nov-11		30% by 2018	
Barbados	A7	2011	3.7	2.7	0%	0.0	Yes			Yes					
Belize	CP	2011	2.8	1.9	0%	0.0	Yes			No	HPMP	Dec-10		35% by 2020	
Benin	CP	2011	23.8	23.7	0%	0.0	Yes			No	HPMP	Apr-11		35% by 2020	
Bhutan	A7	2010	0.3	0.3	0%	0.0	Yes			No	HPMP	Apr-11		100% by 2025	
Bolivia (Plurinational State of)	CP	2011	6.1	7.69	26%	0.0	Yes			No	HPMP	Jul-11		35% by 2020	
Bosnia and Herzegovina	A7	2010	4.7	3.5	0%	5.3	Yes			Yes	HPMP	Apr-12		35% by 2020	
Botswana	A7	2011	11.0	2.7	0%	0.0	Yes			Yes					
Brazil	A7	2011	1,327.3	1,046.4	0%	63.5	Yes		2	Yes	HPMP	Jul-11		10% by 2015	
Brunei Darussalam	CP	2011	6.1	8.1	32%	0.6	Yes			Yes	HPMP	Apr-12		35% by 2020	
Burkina Faso	A7	2011	28.9	27.9	0%	0.0	Yes			No	HPMP	Dec-10		35% by 2020	
Burundi	CP	2011	7.2	7.0	0%	0.4	Yes			No	HPMP	Nov-11		35% by 2020	

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Percentage Over Freeze	Phase-out approved (as of June 2012)	HPMP Project Preparation Approved	Number of Individual Investment Projects Approved	Number of Demonstration Projects Approved	Activities in 2012 Business Plan	HPMP/ Individual Projects Approved	Date of Approval	HPMPs or Individual Projects Submitted to the 67th Meeting for Consideration	Control Measures Addressed by HPMPs (Approval/ Submission)	Additional Percent of Starting Point/BP Baseline Addressed by Individual Projects (Approval/ Submission)
Cambodia	A7	2010	15.0	12.8	0%	0.0	Yes			No	HPMP	Jul-10		100% by 2035	
Cameroon	A7	2010	88.8	73.4	0%	22.1	Yes			No	HPMP	Jul-11		20% by 2017	
Cape Verde	A7	2010	1.1	0.3	0%	0.0	Yes			No	HPMP	Jul-11		35% by 2020	
Central African Republic (the)	A7	2011	12.0	12.0	0.2%	0.5	Yes			No	HPMP	Jul-11		35% by 2020	
Chad	CP	2011	16.1	17.0	6%	0.0	Yes			No	HPMP	Dec-10		35% by 2020	
Chile	A7	2010	87.5	99.8	14%	7.6	Yes			Yes	HPMP	Apr-11		10% by 2015	
China	A7	2010	19,269.0	19,935.3	3%	92.4	Yes	1	9	Yes	HPMP	Jul-11		10% by 2015	
Colombia	CP	2011	225.6	220.5	0%	65.2	Yes		1	Yes	HPMP	Dec-10		10% by 2015	
Comoros (the)	CP	2011	0.1	0.1	16%	0.0	Yes			No	HPMP	Jul-11		35% by 2020	
Congo (the)	A7	2010	8.9	10.6	19%	0.0	Yes			No	HPMP	Apr-11		35% by 2020	
Cook Islands (the)	A7	2010	0.1	0.1	0%	0.0	Yes			No	HPMP	Apr-11		35% by 2020	
Costa Rica	CP	2011	14.1	40.5	187%	14.0	Yes			No	HPMP	Jul-11		35% by 2020	
Cote d'Ivoire	A7	2010	63.8	65.9	3%	3.3	Yes			Yes	HPMP	Apr-12		35% by 2020	
Croatia	CP	2011	4.0	4.2	4%	14.0	Yes			Yes	HPMP	Jul-10		100% by 2016	
Cuba	A7	2011	16.9	14.3	0%	15.0	Yes			No	HPMP	Nov-11		35% by 2020	
Democratic People's Republic of Korea (the)	A7	2010	78.0	94.1	21%	0.0	Yes			Yes					
Democratic Republic of the Congo (the)	A7	2011	81.2	56.9	0%	0.0	Yes			No	HPMP	Apr-11		10% by 2015	
Djibouti	A7	2011	0.7	0.7	0%	0.0	Yes			Yes	HPMP	Apr-12		35% by 2020	
Dominica	CP	2011	0.4	0.16	0%	0.0	Yes			No	HPMP	Dec-10		35% by 2020	
Dominican Republic (the)	A7	2011	51.2	50.1	0%	12.5	Yes			No	HPMP	Nov-11		10% by 2015	
Ecuador	A7	2010	17.5	14.3	0%	15.0	Yes			No	HPMP	Nov-11		35% by 2020	

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Percentage Over Freeze	Phase-out approved (as of June 2012)	HPMP Project Preparation Approved	Number of Individual Investment Projects Approved	Number of Demonstration Projects Approved	Activities in 2012 Business Plan	HPMP/ Individual Projects Approved	Date of Approval	HPMPs or Individual Projects Submitted to the 67th Meeting for Consideration	Control Measures Addressed by HPMPs (Approval/ Submission)	Additional Percent of Starting Point/BP Baseline Addressed by Individual Projects (Approval/ Submission)
Egypt	CP	2011	386.3	401.6	4%	115.3	Yes	1	1	Yes	HPMP	Nov-11		25% by 2018	
El Salvador	A7	2011	11.7	9.6	0%	6.5	Yes			No	HPMP	Nov-11		35% by 2020	
Equatorial Guinea	A7	2010	10.2	6.4	0%	0.3	Yes			No	HPMP	Nov-11		35% by 2020	
Eritrea	A7	2010	0.1	0.1	0%	0.0	Yes			Yes			HPMP	35% by 2020	
Ethiopia	A7	2010	5.5	11.0	100%	0.0	Yes			No					
Fiji	A7	2011	8.5	14.5	70%	0.0	Yes			No	HPMP	Nov-11		35% by 2020	
Gabon	A7	2010	30.2	30.6	1%	0.0	Yes			No	HPMP	Dec-10		35% by 2020	
Gambia (the)	A7	2010	1.5	1.5	0%	0.1	Yes			No	HPMP	Nov-11		35% by 2020	
Georgia	CP	2011	5.3	4.3	0%	0.7	Yes			No	HPMP	Apr-11		35% by 2020	
Ghana	A7	2011	57.3	30.7	0%	0.0	Yes			Yes	HPMP	Jul-10		35% by 2020	
Grenada	CP	2011	0.8	0.2	0%	0.0	Yes			No	HPMP	Dec-10		35% by 2020	
Guatemala	CP	2011	8.3	10.9	31%	1.7	Yes			No	HPMP	Jul-11		35% by 2020	
Guinea	A7	2010	22.6	23.4	4%	1.2	Yes			Yes	HPMP	Apr-12		35% by 2020	
Guinea-Bissau	A7	2011	1.5	2.9	91%	0.1	Yes			No	HPMP	Nov-11		35% by 2020	
Guyana	A7	2010	1.8	2.4	33%	0.0	Yes			No	HPMP	Apr-11		10% by 2015	
Haiti	A7	2011	1.9	4.2	123%	0.0	Yes			Yes					
Honduras	CP	2011	19.9	26.7	34%	0.0	Yes			No	HPMP	Apr-11		35% by 2020	
India	A7	2010	1,608.2	1,617.6	1%	145.4	Yes			Yes	HPMP	Apr-12		10% by 2015	
Indonesia	A7	2010	403.9	433.0	7%	71.9	Yes			No	HPMP	Jul-11		20% by 2018	
Iran (Islamic Republic of)	CP	2011	380.5	376.88	0%	61.5	Yes			Yes	HPMP	Apr-11		10% by 2015	
Iraq	CP	2011	108.4	110.4	2%	0.0	Yes			No	HPMP	Nov-11		13.82% by 2015	
Jamaica	CP	2011	16.3	4.5	0%	3.6	Yes			No	HPMP	Jul-11		35% by 2020	
Jordan	A7	2011	83.0	101.3	22%	15.9	Yes			No	HPMP	Nov-11		20% by 2017	
Kenya	A7	2010	52.2	49.6	0%	3.1	Yes			Yes	HPMP	Apr-12		21.1% by 2017	
Kiribati	A7	2010	0.1	0.1	0%	0.0	Yes			No	HPMP	Apr-11		35% by 2020	
Kuwait	A7	2010	418.6	439.1	5%	60.7	Yes			Yes	HPMP	Apr-12		39.2% by 2018	

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Percentage Over Freeze	Phase-out approved (as of June 2012)	HPMP Project Preparation Approved	Number of Individual Investment Projects Approved	Number of Demonstration Projects Approved	Activities in 2012 Business Plan	HPMP/ Individual Projects Approved	Date of Approval	HPMPs or Individual Projects Submitted to the 67th Meeting for Consideration	Control Measures Addressed by HPMPs (Approval/ Submission)	Additional Percent of Starting Point/BP Baseline Addressed by Individual Projects (Approval/ Submission)
Kyrgyzstan	CP	2011	4.1	3.0	0%	0.0	Yes			No	HPMP	Apr-11		10% by 2015	
Lao People's Democratic Republic (the)	CP	2011	2.3	6.2	171%	0.0	Yes			No	HPMP	Apr-11		35% by 2020	
Lebanon	CP	2011	73.5	92.0	25%	12.1	Yes			No	HPMP	Jul-11		17.5% by 2017	
Lesotho	A7	2011	3.5	2.5	0%	0.0	Yes			No	HPMP	Jul-11		35% by 2020	
Liberia	CP	2011	5.3	5.4	2%	0.6	Yes			No	HPMP	Apr-11		35% by 2020	
Libya	A7	2009	NDR	97.5		0.0	Yes			No					
Madagascar	A7	2010	24.9	16.8	0%	0.0	Yes			No	HPMP	Dec-10		35% by 2020	
Malawi	CP	2011	10.8	12.7	18%	0.0	Yes			No	HPMP	Dec-10		35% by 2020	
Malaysia	A7	2010	515.8	537.5	4%	53.7	Yes			No	HPMP	Nov-11		15% by 2016	
Maldives	A7	2011	4.6	3.8	0%	0.0	Yes			No	HPMP	Apr-10		100% by 2020	
Mali	CP	2011	15.0	16.0	6%	0.0	Yes			No	HPMP	Apr-11		35% by 2020	
Marshall Islands (the)	A7	2010	0.2	0.2	0%	0.0	Yes			No	HPMP	Apr-11		35% by 2020	
Mauritania	A7	2010	20.5	20.5	0%	0.0	Yes			No					
Mauritius	A7	2011	8.0	8.8	10%	0.0	Yes			No	HPMP	Apr-11		100% by 2030	
Mexico	A7	2011	1,148.8	1,083.4	0%	162.0	Yes		1	Yes	HPMP	Jul-11		30% by 2018	
Micronesia (Federated States of)	A7	2011	0.2	0.1	0%	0.0	Yes			No	HPMP	Apr-11		35% by 2020	
Mongolia	A7	2011	1.4	1.2	0%	0.5	Yes			No	HPMP	Apr-11		35% by 2020	
Montenegro	CP	2011	0.8	0.7	0%	0.0	Yes			No	HPMP	Apr-11		35% by 2020	
Morocco	CP	2011	59.7	78.8	32%	11.0	Yes			Yes	HPMP	Nov-11		20% by 2017	
Mozambique	A7	2010	6.5	8.7	34%	0.3	Yes			Yes	HPMP	Apr-12		35% by 2020	
Myanmar	A7	2010	4.3	4.5	5%	0.0	Yes			Yes					
Namibia	CP	2011	8.4	9.9	18%	0.9	Yes			No	HPMP	Apr-11		100% by 2025	
Nauru	A7	2010	0.0	0.0	0%	0.0	Yes			No	HPMP	Apr-11		35% by 2020	

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Percentage Over Freeze	Phase-out approved (as of June 2012)	HPMP Project Preparation Approved	Number of Individual Investment Projects Approved	Number of Demonstration Projects Approved	Activities in 2012 Business Plan	HPMP/ Individual Projects Approved	Date of Approval	HPMPs or Individual Projects Submitted to the 67th Meeting for Consideration	Control Measures Addressed by HPMPs (Approval/ Submission)	Additional Percent of Starting Point/BP Baseline Addressed by Individual Projects (Approval/ Submission)
Nepal	A7	2011	1.1	1.1	0%	0.3	Yes			Yes	HPMP	Apr-12		35% by 2020	
Nicaragua	A7	2010	6.8	7.5	10%	0.7	Yes			Yes	HPMP	Apr-12		35% by 2020	
Niger (the)	A7	2010	26.2	16.0	0%	2.7	Yes			Yes	HPMP	Apr-12		35% by 2020	
Nigeria	A7	2010	398.2	426.4	7%	0.0	Yes			Yes	HPMP	Dec-10		10% by 2015	
Niue	A7	2010	0.0	0.0	0%	0.0	Yes			No	HPMP	Apr-11		35% by 2020	
Oman	A7	2011	31.5	34.8	11%	5.2	Yes			No	HPMP	Nov-11		10% by 2015	
Pakistan	A7	2010	247.4	255.0	3%	71.6	Yes			No	HPMP	Dec-10		10% by 2015	
Palau	CP	2011	0.2	0.17	0%	0.0	Yes			No	HPMP	Apr-11		35% by 2020	
Panama	CP	2011	24.8	37.4	51%	0.0	Yes			No	HPMP	Nov-11		10% by 2015	
Papua New Guinea	A7	2011	3.3	1.7	0%	0.2	Yes			No	HPMP	Apr-11		100% by 2025	
Paraguay	CP	2011	18.0	18.5	3%	1.8	Yes			No	HPMP	Apr-11		35% by 2020	
Peru	A7	2011	26.9	32.5	21%	0.0	Yes			Yes					
Philippines (the)	CP	2011	208.4	176.3	0%	40.0	Yes	2		No	Individual	Dec-10			20%
Qatar	A7	2010	86.9	94.1	8%	22.0	Yes			No	HPMP	Nov-11		20% by 2015	
Republic of Korea (the)	A7	2010	1,908.0	2,047.1	7%	0.0	No			No					
Republic of Moldova (the)	A7	2011	1.0	1.3	31%	0.0	Yes			No	HPMP	Apr-11		10% by 2015	
Rwanda	A7	2010	4.1	4.4	7%	0.2	Yes			No	HPMP	Jul-11		35% by 2020	
Saint Kitts and Nevis	A7	2010	0.5	0.6	20%	0.2	Yes			No	HPMP	Jul-11		35% by 2020	
Saint Lucia	A7	2010	0.2	0.0	0%	0.0	Yes			Yes	HPMP	Jul-11		35% by 2020	
Saint Vincent and the Grenadines	A7	2011	0.3	0.3	0%	0.2	Yes			No	HPMP	Jul-11		100% by 2025	
Samoa	A7	2010	0.3	0.3	0%	0.0	Yes			No	HPMP	Apr-11		35% by 2020	
Sao Tome and Principe	A7	2010	2.2	0.2	0%	0.0	Yes			No	HPMP	Apr-11		35% by 2020	
Saudi Arabia	A7	2010	1,468.7	1,575.4	7%	55.0	Yes	4		Yes	Individual	Dec-10			12%
Senegal	CP	2011	36.2	36.1	0%	3.6	Yes			No	HPMP	Nov-11		35% by 2020	

Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Percentage Over Freeze	Phase-out approved (as of June 2012)	HPMP Project Preparation Approved	Number of Individual Investment Projects Approved	Number of Demonstration Projects Approved	Activities in 2012 Business Plan	HPMP/ Individual Projects Approved	Date of Approval	HPMPs or Individual Projects Submitted to the 67th Meeting for Consideration	Control Measures Addressed by HPMPs (Approval/ Submission)	Additional Percent of Starting Point/BP Baseline Addressed by Individual Projects (Approval/ Submission)
Serbia	A7	2011	8.4	12.5	49%	2.3	Yes			No	HPMP	Dec-10		35% by 2020	
Seychelles	A7	2011	1.4	0.9	0%	0.4	Yes			No	HPMP	Apr-11		100% by 2025	
Sierra Leone	A7	2010	1.7	1.8	6%	0.1	Yes			No	HPMP	Nov-11		35% by 2020	
Singapore	A7	2010	216.1	206.2	0%	0.0	No			No					
Solomon Islands	A7	2010	2.0	2.3	15%	0.0	Yes			No	HPMP	Apr-11		35% by 2020	
Somalia	CP	2011	45.1	45.2	0.2%	0.0	Yes			Yes			HPMP	35% by 2020	
South Africa	A7	2010	369.7	400.1	8%	0.0	Yes			Yes			HPMP	26.9% to 2018	
Sri Lanka	CP	2011	13.9	16.9	22%	0.5	Yes			No	HPMP	Dec-10		35% by 2020	
Sudan (the)	A7	2010	52.7	54.7	4%	11.9	Yes			Yes	HPMP	Dec-10		30% by 2017	
Suriname	CP	2011	2.0	4.0	100%	0.1	Yes			No	HPMP	Nov-11		35% by 2020	
Swaziland	A7	2010	7.3	5.0	0%	7.7	Yes			No	HPMP	Apr-11		35% by 2020	
Syrian Arab Republic	A7	2010	135.0	122.8	0%	12.9	Yes	1		Yes	Individual	Dec-10	HPMP	10% by 2015	8%
Thailand	A7	2010	927.6	1,028.5	11%	0.0	Yes			Yes			HPMP	10% by 2015	
The Former Yugoslav Republic of Macedonia	A7	2011	2.7	2.5	0%	0.0	Yes			Yes	HPMP	Apr-10		35% by 2020	
Timor-Leste	A7	2010	0.5	0.5	0%	0.0	Yes			No	HPMP	Apr-11		10% by 2015	
Togo	A7	2011	20.0	19.1	0%	0.0	Yes			No	HPMP	Dec-10		35% by 2020	
Tonga	A7	2010	0.1	0.1	0%	0.0	Yes			No	HPMP	Apr-11		35% by 2020	
Trinidad and Tobago	A7	2011	46.0	34.2	0%	2.5	Yes			No	HPMP	Jul-11		35% by 2020	
Tunisia	CP	2011	40.7	33.9	0%	0.0	Yes			Yes					
Turkey	A7	2010	608.0	606.0	0%	213.2	Yes	1	1	Yes	Individual	Dec-10			46%
Turkmenistan	A7	2010	6.8	6.7	0%	0.0	Yes			No	HPMP	Dec-10		35% by 2020	
Tuvalu	A7	2010	0.1	0.1	0%	0.0	Yes			No	HPMP	Apr-11		35% by 2020	
Uganda	A7	2010	0.2	0.3	50%	0.0	Yes			No					



Country	Source	Year of Latest Consumption	Baseline	Latest Consumption	Percentage Over Freeze	Phase-out approved (as of June 2012)	HPMP Project Preparation Approved	Number of Individual Investment Projects Approved	Number of Demonstration Projects Approved	Activities in 2012 Business Plan	HPMP/ Individual Projects Approved	Date of Approval	HPMPs or Individual Projects Submitted to the 67th Meeting for Consideration	Control Measures Addressed by HPMPs (Approval/ Submission)	Additional Percent of Starting Point/BP Baseline Addressed by Individual Projects (Approval/ Submission)
United Arab Emirates (the)	A7	2010	557.1	583.6	5%	0.0	No			No					
United Republic of Tanzania (the)	A7	2010	1.7	2.0	18%	0.0	Yes			Yes			HPMP	35% by 2020	
Uruguay	CP	2011	23.4	22.2	0%	0.0	Yes			Yes	HPMP	Nov-11		10% by 2015	
Vanuatu	CP	2011	0.3	0.1	0%	0.0	Yes			No	HPMP	Apr-11		35% by 2020	
Venezuela (Bolivarian Republic of)	CP	2011	207.0	165.6	0%	0.0	Yes			Yes	HPMP	Apr-11		10% by 2015	
Viet Nam	A7	2010	221.2	234.9	6%	44.7	Yes			No	HPMP	Apr-11		10% by 2015	
Yemen	A7	2009	NDR	NDR		0.0	Yes			Yes					
Zambia	A7	2010	5.0	9.2	84%	0.4	Yes			No	HPMP	Jul-11		35% by 2020	
Zimbabwe	A7	2010	17.8	18.5	4%	6.1	Yes			Yes	HPMP	Nov-11		35% by 2020	



## Annex II

## INFORMATION ON COUNTRIES SUBJECT TO DECISIONS OF THE PARTIES ON COMPLIANCE

Party	Agency	Decisions	Compliance issue	Actions	Implementing Agency Comments	MLF assessment based on agencies preliminary comments, A7 data and information from Ozone Secretariat
Bolivia (Plurinational State of)	UNEP	XXIII/31	Licensing system	To provide disaggregated information on its licensing system as a matter of urgency and no later than 31 March 2012	UNEP followed up on the Ozone Secretariat letter by phone and email. NOU Bolivia (Plurinational State of) is drafting an official response.	Achievement not reported
Botswana	UNEP	XXIII/31	Amendment ratification and licensing system	To ratify the Amendment and to establish a licensing system	Assistance and guidance provided to country on ratification requirements.	Achievement not reported
Chad	UNEP	XXIII/31	Licensing system	To ensure that the licensing system is structured in accordance with Article 4B of the Protocol and that it provides for the licensing of exports and to report to the Secretariat	The country discussed with the Ozone Secretariat during the Comoros thematic meeting in May 2012. The issue was clarified and the country decided to report to the Secretariat in June.	Achieved
Comoros (the)	UNEP	XXIII/31	Licensing system	To ensure that the licensing system is structured in accordance with Article 4B of the Protocol and that it provides for the licensing of exports and to report to the Secretariat	The country discussed with the Ozone Secretariat during the Comoros thematic meeting in May 2012. The issue was clarified and the country decided to report to the Secretariat in June.	Achieved

<b>Party</b>	<b>Agency</b>	<b>Decisions</b>	<b>Compliance issue</b>	<b>Actions</b>	<b>Implementing Agency Comments</b>	<b>MLF assessment based on agencies preliminary comments, A7 data and information from Ozone Secretariat</b>
Democratic People's Republic of Korea (the)	UNEP	XXIII/31	Licensing system	To provide disaggregated information on its licensing system as a matter of urgency and no later than 31 March 2012	The country has established its licensing system for the ODS control, which has covered the export control as well. On 2 March 2012, the country was reminded of decision XXIII/31, and was requested to send in the information urgently. UNEP has not received a copy of any submission to MLF as of 24 April 2012.	Achievement not reported
Dominica	UNEP	XXIII/31	Licensing system	To provide disaggregated information on its licensing system as a matter of urgency and no later than 31 March 2012	UNEP followed up on the Ozone Secretariat letter by phone and email. NOU Dominica is drafting an official response.	Achievement not reported
Ecuador	UNEP	XXIII/31	Licensing system	To provide disaggregated information on its licensing system as a matter of urgency and no later than 31 March 2012	UNEP followed up on the Ozone Secretariat letter by phone and email. NOU Ecuador actually sent official response in April 2012.	Achieved
Ethiopia	UNEP	XXIII/31	Licensing system	To complete the establishment and operation of the licensing system and report to the Secretariat no later than 31 March 2012	The issue will be discussed during Lusaka meeting in May 2012. After that meeting the country will report to the Secretariat.	Achieved

Party	Agency	Decisions	Compliance issue	Actions	Implementing Agency Comments	MLF assessment based on agencies preliminary comments, A7 data and information from Ozone Secretariat
Gambia (the)	UNEP	XXIII/31	Licensing system	To ensure that the licensing system is structured in accordance with Article 4B of the Protocol and that it provides for the licensing of exports and to report to the Secretariat	The issue will be discussed during Lusaka meeting in May 2012. After that meeting the country will report to the secretariat.	Achievement not reported
Ghana	UNDP	XXIII/31	Licensing system	To provide disaggregated information on its licensing system as a matter of urgency and no later than 31 March 2012	EPA Ghana provided detailed inputs on the status and in particular the disaggregated substance-by-substance licensing system in place under Legislative Instrument 1812. This information can be found in a letter signed by the Acting Executive Director, EPA-Ghana, dated 8 March 2012 (thus within the deadline given in decision XXIII/31) and addressed to the Executive Secretary Ozone Secretariat. Copy of the above-mentioned letter is attached to this document.	Achieved
Guinea	UNEP	XXIII/31	Licensing system	To provide disaggregated information on its licensing system as a matter of urgency and no later than 31 March 2012	The licensing system already includes the control of imports and exports of ODS and ODS based equipment. However the HCFC quota system is planned to be in placed not later than January 2013. The country has been asked to report to the Secretariat.	Achieved

Party	Agency	Decisions	Compliance issue	Actions	Implementing Agency Comments	MLF assessment based on agencies preliminary comments, A7 data and information from Ozone Secretariat
Honduras	UNEP	XXIII/31	Licensing system	To ensure that the licensing system includes import and export controls for substances in Annex C, Group I (hydrochloro-fluorocarbons) and to report to the Secretariat	UNEP followed up on the Ozone Secretariat letter by phone and email. NOU Ecuador is drafting an official response.	Achievement not reported
Libya	UNIDO	XXIII/22	Data reporting issues	To report 2010 data in accordance with Article 7 as a matter of urgency	UNIDO continued with communication efforts to assist the country to get focal point to report. Permanent Mission was contacted to resume collaboration in post-crisis activities and environmental issues in particular, including ozone protection. Ozone office was contacted several times after cease of unrest was declared. UNIDO invited Ozone Officer for training on institutional strengthening activities and monitoring and reporting in particular. Preparation of the training in UNIDO is in progress.	Achievement not reported

Party	Agency	Decisions	Compliance issue	Actions	Implementing Agency Comments	MLF assessment based on agencies preliminary comments, A7 data and information from Ozone Secretariat
Libya	UNIDO	XXIII/23	Halons phase-out	To submit to the Secretariat, no later than 31 March 2012, an explanation for the excess consumption of halons, together with a plan of action with time specific benchmarks. To monitor closely Libya's progress with regard to the phase-out of halons	UNIDO advised Ozone Office to examine the source of halon 1211 and prompted to report accordingly and in given time line. According to information obtained by Ozone Office, 600 kg of halon 1211 was found in 2009 as a stock at State Oil Company. This was reported that time as consumption and later it was even declared as not virgin. UNIDO is monitoring Libya's progress with regard to all ODS phase out, including halons after resuming of MP Focal Point activities.	Achieved
Micronesia (Federated States of)	UNEP	XXIII/31	Licensing system	To ensure that the licensing system is structured in accordance with Article 4B of the Protocol and that it provides for the licensing of exports and to report to the Secretariat	The country has established their licensing system structured in accordance with Article 4B, the licensing system is being implemented by the Ozone unit within the Office of Environment and Emergency Management with assistance of Customs Department. On 2 March 2012, the country was reminded of the decision of the XXIII/31, and was requested to send in the information urgently. UNEP has not received a copy of any submission to MLF as of 24 April 2012.	Achieved

Party	Agency	Decisions	Compliance issue	Actions	Implementing Agency Comments	MLF assessment based on agencies preliminary comments, A7 data and information from Ozone Secretariat
Papua New Guinea	Germany	XXIII/31	Licensing system	To provide disaggregated information on its licensing system as a matter of urgency and no later than 31 March 2012	PNG has a license system in place which covers CFS's HCFC's and MB. 2011 Data by importer: 1) Kenmore t/a Daikin Air conditioning - R22 - 6,392kg. 2) Kenmore t/a Daikin Air conditioning - R409A - 381kg. 3) Brian Bell Co Ltd - R22 - 23.12kg. 4) RD Fishing Ltd - R22 - 1000kg. 5) Chemical Ltd - MB - nil. 6) Trukai Industries - MB - 900kg.	Achieved
Peru	UNEP	XXIII/22	Data reporting issues	To report 2010 data in accordance with Article 7 as a matter of urgency	Data submitted and received by the Ozone Secretariat. Compliance maintained	Achieved
Solomon Islands	UNEP	XXIII/31	Licensing system	To ensure that the licensing system is structured in accordance with Article 4B of the Protocol and that it provides for the licensing of exports and to report to the Secretariat	The country has established their licensing system structured in accordance with Article 4B, a policy on licensing has been passed and newly reorganized under Department of Environment working on formal legislation. On 2 March 2012, the country was reminded of decision XXIII/31, and was requested to send in the information urgently. UNEP has not received a copy of any submission to MLFS as of 24 April 2012.	Achieved



Party	Agency	Decisions	Compliance issue	Actions	Implementing Agency Comments	MLF assessment based on agencies preliminary comments, A7 data and information from Ozone Secretariat
Sudan (the)	UNEP	XXIII/31	Licensing system	To ensure that the licensing system is structured in accordance with Article 4B of the Protocol and that it provides for the licensing of exports and to report to the Secretariat	UNEP is working with the NOO in order to get the required reports and information related to the licensing of export.	Achieved
Thailand	IBRD	XXIII/31	Licensing system	To provide disaggregated information on its licensing system as a matter of urgency and no later than 31 March 2012	A letter of clarification on the information requested has been prepared and signed by the focal point for the Montreal Protocol, the Department of Industrial Works (DIW). Letter will be sent to the Ozone Secretariat in May 2012.	Achieved
Timor-Leste	UNEP	XXIII/31	Licensing system	To complete the establishment and operation of the licensing system and report to the Secretariat no later than 31 March 2012	UNEP has dispatched a legal expert to Timor-Leste in February 2011 to assist the NOU in the implementation of a new licensing system. The Decree Law, prepared with help of UNEP and reviewed by UNDP, is currently undergoing a review in the Ministry of the Economy and Development (MED). Once finalized, the Decree Law will be passed to line ministries for comments before endorsement by the Council of Ministers.	Achievement not reported

Party	Agency	Decisions	Compliance issue	Actions	Implementing Agency Comments	MLF assessment based on agencies preliminary comments, A7 data and information from Ozone Secretariat
Togo	UNEP	XXIII/31	Licensing system	To ensure that the licensing system includes import and export controls for substances in Annex C, Group I (hydrochloro-fluorocarbons) and to report to the Secretariat	UNEP contacted the National Ozone Unit and the country will send a report to the Secretariat.	Achieved
Tonga	UNEP	XXIII/31	Licensing system	To ensure that the licensing system is structured in accordance with Article 4B of the Protocol and that it provides for the licensing of exports and to report to the Secretariat	The country has established their licensing system structured in accordance with Article 4B, a compulsory licensing is also part of Environment Bill. On 2 March 2012, the country was reminded of decision XXIII/31, and was requested to send in the information urgently. On 29 March 2012, the country wrote to the OS, with c.c. to UNEP, the following: "Although Tonga only imports ODS to the country however our existing licensing system has been in place over the years is used to control both the imports and exports of all ozone depleting substances in Annexes A, B, C and E of the Protocol."	Achieved

Party	Agency	Decisions	Compliance issue	Actions	Implementing Agency Comments	MLF assessment based on agencies preliminary comments, A7 data and information from Ozone Secretariat
Yemen	UNEP	XXIII/22	Data reporting issues	To report 2010 data in accordance with Article 7 as a matter of urgency	The delay is due to instability faced by the country over 2011 and still. NOU was not functioning normally and is facing difficulty to collect and verify ODS data. Since beginning of 2012, situation started to get back to normal partially and NOU is working to respond to many pending reporting, it's expected that NOU will do reporting by July latest since HPMP of Yemen planned for submission to the 68 <sup>th</sup> meeting	Achievement not reported
Yemen	UNEP	XXIII/25	Data reporting issues	To provide 2009 data for hydrochlorofluorocarbons to the Secretariat as a matter of urgency	NOU delayed reporting to HCFC, when reported 2009 data, as it was verifying the consumption as part of the HPMP preparation. However the instability faced by the country over 2011 and still didn't allow NOU to complete the verification process. Since beginning of 2012, situation started to get back to normal partially and NOU is working to respond to many pending reporting; it's expected that NOU will do reporting by July latest since HPMP of Yemen planned for submission to the 68 <sup>th</sup> meeting	Achievement not reported



## Annex III

## PROJECTS THAT ARE CLASSIFIED AS “SOME PROGRESS”

Agency	Code	Project Title
IBRD	ARG/REF/18/INV/39	Elimination of CFC in the manufacturing plant of domestic refrigerators of Neba, S.A.
IBRD	CPR/ARS/51/INV/447	Phase-out of CFC consumption in the pharmaceutical aerosol sector (2007-2008 biennial programme)
Spain	LAC/FUM/54/TAS/40	Technical assistance to introduce chemical alternatives in countries which have rescheduled methyl bromide phase out plan (Argentina and Uruguay)
UNDP	AFR/FUM/38/TAS/32	Technical assistance for methyl bromide reductions and formulation of regional phase-out strategies for low-volume consuming countries
UNDP	BGD/ARS/52/INV/26	Phase-out of CFC consumption in the manufacture of aerosol MDIs (Beximco, Square Pharmaceutical and Acme Pharmaceutical)
UNDP	CHI/REF/48/INV/160	Terminal umbrella project for phase-out of the use of CFC-11, CFC-12 and R-502 (CFC-115) in the manufacture of refrigeration equipment
UNDP	PAK/ARS/56/INV/71	Plan for phase-out of CFCs in the manufacture of pharmaceutical MDIs
UNEP	GLO/REF/48/TAS/275	Global technical assistance programme in the chiller sector
UNIDO	ALG/REF/44/INV/62	Conversion of CFC-11 to HCFC-141b and CFC-12 to HFC-134a technology in the last group of commercial refrigerator manufactures (refrigeration sector terminal project)
UNIDO	ARG/SOL/41/INV/137	Plan for phase-out of ODS in the solvent sector
UNIDO	EGY/ARS/50/INV/92	Phase-out of CFC consumption in the manufacture of aerosol metered dose inhalers (MDIs)
UNIDO	KEN/SOL/57/TAS/47	Technical assistance for the total phase-out of CTC and TCA in the solvent sector
UNIDO	SYR/FUM/49/TAS/95	Methyl bromide national phase-out plan (soil fumigation)



Annex IV

**PROJECTS FOR WHICH ADDITIONAL STATUS REPORTS WERE REQUESTED**

<b>Agency</b>	<b>Code</b>	<b>Project Title</b>	<b>Reasons</b>
France	AFR/SEV/53/TAS/39	African customs enforcement networks for preventing illegal trade of ODS in the African sub-regional trade organizations (CEMAC, COMESA, SACU and UEMOA)	To request a milestone for achievement between the 68th meeting and the 69 <sup>th</sup> meeting or consideration of possible cancellation of this project.
IBRD	ARG/FUM/29/DEM/93	Demonstration project for testing methyl bromide alternatives in post-harvest disinfestation for cotton and citrus (phase I)	To request the submission of additional status report to the 68 <sup>th</sup> meeting in order to monitor the preparation of the report on unused funds and the final report for project closing.
IBRD	ARG/PHA/47/INV/148	National CFC phase-out plan: 2006 work programme	To request the submission of additional status report to the 68 <sup>th</sup> meeting in order to monitor the signature of the agreements for the three remaining companies.
IBRD	IDS/DES/57/PRP/187	Preparation for pilot demonstration project on ODS waste management and disposal	To request the submission of additional status report to the 68 <sup>th</sup> meeting on the status of completion of the report on ODS destruction if not submitted at the 68 <sup>th</sup> meeting.
IBRD	PHI/DES/57/PRP/85	Preparation for pilot demonstration project on ODS waste management and disposal	To request the submission of additional status report to the 68 <sup>th</sup> meeting on the status of completion of the report on ODS destruction if not submitted at the 68 <sup>th</sup> meeting.
UNDP	BRA/DES/57/PRP/288	Preparation for pilot demonstration project on ODS waste management and disposal	To request the submission of additional status report on activities since the 67 <sup>th</sup> meeting on project preparation since the project is not expected to be submitted until 2013.
UNDP	IND/DES/61/PRP/437	Preparation of a project for demonstration of a sustainable technological, financial and management model for disposal of ODS	To request the submission of additional status report to the 68 <sup>th</sup> meeting in order to monitor the project preparation.
UNEP	ANT/SEV/44/INS/11	Extension of institutional strengthening project (phase III)	To request the submission of additional status report to the 68 <sup>th</sup> meeting in order to monitor this institutional strengthening project for which the financial and progress reports was outstanding.
UNEP	BAH/SEV/60/INS/24	Extension of institutional strengthening project (phase VI)	To request the submission of additional status report to the 68 <sup>th</sup> meeting in order to monitor this institutional strengthening project for which the financial and progress reports was outstanding.
UNEP	BEN/SEV/62/INS/24	Renewal of institutional strengthening project (phase VII)	To request the submission of additional status report to the 68 <sup>th</sup> meeting on project document signature for institutional strengthening.

Agency	Code	Project Title	Reasons
UNEP	IRQ/SEV/57/INS/05	Institutional strengthening (phase I)	To request the submission of additional status report to the 68 <sup>th</sup> meeting in order to monitor this institutional strengthening project for which the financial and progress reports was outstanding.
UNEP	MAU/SEV/49/INS/17	Renewal of institutional strengthening project (phase IV)	To request the submission of additional status report to the 68 <sup>th</sup> meeting in order to monitor this institutional strengthening project for which the financial and progress reports was outstanding.
UNEP	MOR/SEV/59/INS/63	Renewal of the institutional strengthening project (phase IV)	To request the submission of additional status report to the 68 <sup>th</sup> meeting on project document signature for institutional strengthening.
UNIDO	AFR/REF/48/DEM/37	Strategic demonstration project for accelerated conversion of CFC chillers in 5 African Countries (Cameroon, Egypt, Namibia, Nigeria and Sudan)	To request the submission of additional status report to the 68 <sup>th</sup> meeting on the completion of the agreement with Nigerian bank of Industry.
UNIDO	ETH/FUM/54/PRP/18	Project preparation in the fumigant sector (flowers)	To request the submission of additional status report to the 68 <sup>th</sup> meeting in order to monitor the project preparation in case the project is not submitted at the 68 <sup>th</sup> meeting
UNIDO	IND/PHA/45/INV/385	CTC phase-out plan for the consumption and production sectors: 2005 annual programme	To request the submission of additional status report to the 68 <sup>th</sup> meeting on the selection of a supplier of the equipment for the project.
UNIDO	IND/PHA/49/INV/402	CTC phase-out plan for the consumption and production sectors: 2006 annual programme	To request the submission of additional status report to the 68 <sup>th</sup> meeting on the selection of a supplier of the equipment for the project.
UNIDO	LEB/DES/61/PRP/72	Preparation for pilot demonstration project on ODS waste management and disposal	To request the submission of additional status report to the 68 <sup>th</sup> meeting on the status of completion of the report on ODS destruction if not submitted at the 68 <sup>th</sup> meeting.
UNIDO	QAT/SEV/59/INS/15	Renewal of institutional strengthening project (phase III)	To request the submission of additional status report to the 68 <sup>th</sup> meeting on project document signature for institutional strengthening.
UNIDO	SYR/REF/62/INV/103	Phase-out of HCFC-22 and HCFC-141b from the manufacture of unitary air-conditioning equipment and rigid polyurethane insulation panels at Al Hafez Group	To request the submission of additional status report to the 68 <sup>th</sup> meeting on project progress.
UNIDO	TKM/PHA/62/INV/08	HCFC phase-out management plan (stage I, first tranche)	To request the submission of additional status report to the 68 <sup>th</sup> meeting on project progress.



Annex V

**PROJECTS FOR WHICH ADDITIONAL STATUS REPORTS WERE REQUESTED FOR HPMP DEVELOPMENT**

<b>Agency</b>	<b>Code</b>	<b>Project Title</b>	<b>Reasons</b>
IBRD	PHI/REF/59/PRP/88	Preparation for HCFC phase-out investment activities (domestic air-conditioning sector) in the Philippines	To request the submission of additional status report to the 68 <sup>th</sup> meeting in order to monitor the submission of the HCFC refrigeration sector plan if not submitted at the 68 <sup>th</sup> meeting
UNDP	PER/PHA/55/PRP/40	Preparation of a HCFC phase-out management plan in Peru	To request the submission of additional status report to the 68 <sup>th</sup> meeting in order to monitor the submission of the HPMP if HPMP not submitted to the 68 <sup>th</sup> meeting
UNEP	BAR/PHA/55/PRP/18	Preparation of a HCFC phase-out management plan in Barbados	To request the submission of additional status report to the 68 <sup>th</sup> meeting in order to monitor the submission of the HPMP if HPMP not submitted to the 68 <sup>th</sup> meeting
UNEP	HAI/PHA/57/PRP/13	Preparation of a HCFC phase-out management plan in Haiti	To request the submission of additional status report to the 68 <sup>th</sup> meeting in order to monitor the submission of the HPMP if HPMP not submitted to the 68 <sup>th</sup> meeting
UNEP	MAU/PHA/55/PRP/20	Preparation of a HCFC phase-out management plan in Mauritania	To request the submission of additional status report to the 68 <sup>th</sup> meeting in order to monitor the submission of the HPMP if HPMP not submitted to the 68 <sup>th</sup> meeting

Annex VI

PROJECTS WITH SPECIFIC REPORTING REQUIREMENTS

Agency	Code	Project Title	Secretariat Assessment
Japan	COL/FOA/60/DEM/75	Pilot Supercritical CO <sub>2</sub> in spray foam	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 68 <sup>th</sup> meeting based on the anticipated completion date of the project with an explanation for the reason for the delay, what is expected to be completed, and when the report will be submitted.
Japan	PHI/FOA/62/INV/91	Sector plan for the phase-out of HCFC-141b in the foam sector	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 69 <sup>th</sup> meeting based on the anticipated completion date of the project.
Japan	SAU/FOA/62/INV/12	Phase-out of HCFC-22 and HCFC-142b in the manufacturing of XPS foams at Al Watania Plastics and Arabian Chemical Company	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 69 <sup>th</sup> meeting based on the anticipated completion date of the project.
Japan	SAU/FOA/62/INV/14	Phase-out of HCFC-22 and HCFC-142b in the manufacturing of XPS foams at Al Watania Plastics and Arabian Chemical Company	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 69 <sup>th</sup> meeting based on the anticipated completion date of the project.
UNDP	BGD/FOA/62/INV/38	Phase-out of HCFC-141b at Walton Hi-Tech Ind. Ltd.	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 69 <sup>th</sup> meeting including status report on the analysis/compare of the estimated and actual costs of equipment items as presented in the proposal (decision 55/43(d))
UNDP	BRA/PHA/50/INV/278	National CFC phase-out plan	To report progress on the implementation of the NPP to the 68 <sup>th</sup> meeting and submit project completion report when NPP completed
UNDP	BRA/PHA/53/INV/280	National CFC phase-out plan	To report progress on the implementation of the NPP to the 68 <sup>th</sup> meeting and submit project completion report when NPP completed
UNDP	BRA/PHA/56/INV/284	National CFC phase-out plan	To report progress on the implementation of the NPP to the 68 <sup>th</sup> meeting and submit project completion report when NPP completed
UNDP	BRA/PHA/59/INV/293	National CFC phase-out plan	To report progress on the implementation of the NPP to the 68 <sup>th</sup> meeting and submit project completion report when NPP completed

Agency	Code	Project Title	Secretariat Assessment
UNDP	COL/FOA/60/INV/76	Phase-out of HCFCs to hydrocarbons at Mabe Colombia, Industrias Haceb, Challenger and Indusel S.A.	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 69 <sup>th</sup> meeting including status report on the analysis and compare the estimated and actual costs of equipment items as presented in the proposal (decision 55/43(d))
UNDP	CPR/REF/60/DEM/498	Phase-out of HCFC-22 in the commercial air-source chillers/heat pumps at Tsinghua Tong Fang Co.	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 69 <sup>th</sup> meeting.
UNDP	CPR/REF/60/DEM/499	Phase-out of HCFC-22 in the manufacture of two stage refrigeration systems at Yantai Moon Group Co. Ltd.	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 69 <sup>th</sup> meeting.
UNDP	EGY/FOA/62/INV/105	Conversion from HCFC-141b to n-pentane in the manufacture of polyurethane rigid insulation foam panels at MOG for Engineering and Industry	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 69 <sup>th</sup> meeting including information on dates when the equipment will be installed and HCFCs phased-out.
UNDP	EGY/FOA/62/INV/106	Conversion from HCFC-141b to methyl formate in the manufacture of polyurethane rigid insulation foam for water heaters at Fresh Electric for Home Appliances	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 69 <sup>th</sup> meeting including information on dates when the equipment will be installed and HCFCs phased-out.
UNDP	EGY/FOA/62/INV/107	Conversion from HCFC-141b to methyl formate in the manufacture of polyurethane spray foams at Specialized Engineering Contracting Co.	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 69 <sup>th</sup> meeting including information on dates when the equipment will be installed and HCFCs phased-out.
UNDP	EGY/FOA/62/INV/108	Conversion from HCFC-141b to n-pentane in the manufacture of polyurethane rigid insulation foam panels at Cairo Foam	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 69 <sup>th</sup> meeting including information on dates when the equipment will be installed and HCFCs phased-out.
UNDP	MEX/FOA/59/INV/148	Phase-out HCFC-141b at Mabe Mexico	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 69 <sup>th</sup> meeting including information on dates when the equipment will be installed and HCFCs phased-out.
UNDP	Not in Database	HCFC demonstration and investment projects	Supplementary report to be submitted to the 68 <sup>th</sup> meeting.

Agency	Code	Project Title	Secretariat Assessment
UNEP	KYR/PHA/55/TAS/19	TPMP verification	To submit report as required by decision 66/15(e) to the PCR to the 68 <sup>th</sup> meeting.
UNIDO	ALG/FOA/62/INV/75	Phase-out of HCFC-141b at Cristor (domestic refrigeration foam)	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 69 <sup>th</sup> meeting.
UNIDO	ARG/REF/61/INV/164	Phase-out of HCFC-22 in the RAC manufacturing sector	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 69 <sup>th</sup> meeting including information on dates when the equipment will be installed and HCFCs phased-out.
UNIDO	CPR/REF/61/DEM/503	Phase-out of HCFC-22 in the manufacturing of RACs at Midea and conversion of RAC compressors at Meizhi	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 69 <sup>th</sup> meeting.
UNIDO	CPR/REF/61/DEM/502	Phase-out of HCFC-22 in the manufacturing of RACs at Midea and conversion of RAC compressors at Meizhi	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 69 <sup>th</sup> meeting.
UNIDO	EGY/FOA/62/INV/104	Phase-out of HCFC-141b from manufacturing of polyurethane foam at Mondial Freezers Company	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 69 <sup>th</sup> meeting including information on dates when the equipment will be installed and HCFCs phased-out.
UNIDO	EGY/FOA/62/INV/110	Phase-out of HCFC-141b from manufacturing of polyurethane foam at El-Araby Co. for Engineering Industries	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 69 <sup>th</sup> meeting including information on dates when the equipment will be installed and HCFCs phased-out.
UNIDO	JOR/REF/60/INV/86	Phase-out of HCFC-22 and HCFC-141b at Petra Co.	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 69 <sup>th</sup> meeting.
UNIDO	MOR/FOA/62/INV/67	Phase-out of HCFC-141b at Manar (domestic refrigeration foam)	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 69 <sup>th</sup> meeting including dates when the equipment will be installed and HCFCs phased-out.
UNIDO	PAK/FOA/60/INV/77	Phase-out of HCFC-141b in the manufacture of PU foams at United Refrigeration, HNR, Varioline Intercool, Shadman Electronics and Dawlance	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 69 <sup>th</sup> meeting including dates when the equipment will be installed and HCFCs phased-out.
UNIDO	PHI/FOA/62/INV/90	Sector plan for the phase-out of HCFC-141b in the foam sector	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 69 <sup>th</sup> meeting including dates when the equipment will be installed and HCFCs phased-out.

Agency	Code	Project Title	Secretariat Assessment
UNIDO	SAU/FOA/62/INV/11	Phase-out of HCFC-22 and HCFC-142b in the manufacturing of XPS foams at Arabian Chemical Company	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 69 <sup>th</sup> meeting including dates when the equipment will be installed and HCFCs phased-out.
UNIDO	SAU/FOA/62/INV/13	Phase-out of HCFC-22 and HCFC-142b in the manufacturing of XPS foams at Al Watania Plastics	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 69 <sup>th</sup> meeting including dates when the equipment will be installed and HCFCs phased-out.
UNIDO	SUD/FOA/62/INV/28	Phase-out of HCFC-141b in the manufacture of PU foams at Modern, Amin, Coldair and Akabadi	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 69 <sup>th</sup> meeting including dates when the equipment will be installed and HCFCs phased-out.
UNIDO	SYR/REF/62/INV/103	Phase-out of HCFC-22 and HCFC-141b at Al Hafez Co.	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 69 <sup>th</sup> meeting.
UNIDO	TUR/FOA/62/INV/97	Phase-out of HCFC-141b in the PU foam sector and phase-out of HCFC-22 and HCFC-142b in the XPS foam sector	Additional report on individual HCFC demonstration and investment projects approval clause to report on ICC, IOC and technology application in line with decision 55/43 (b) for submission to the 69 <sup>th</sup> meeting including dates when the equipment will be installed and HCFCs phased-out.

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