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EXECUTIVE COMMITTEE OF
THE MULTILATERAL FUND FOR THE
IMPLEMENTATION OF THE MONTREAL PROTOCOL
Sixty-sixth Meeting
Montreal, 16-20 April 2012

PROJECT PROPOSAL: NIGER

This document consists of the comments and recommendation of the Fund Secretariat on the following project proposal:

Phase-out

- HCFC phase-out management plan (stage I, first tranche)

UNIDO and UNEP

PROJECT EVALUATION SHEET – MULTI-YEAR PROJECTS

Niger

(I) PROJECT TITLE	AGENCY
HCFC phase out plan (Stage I)	UNEP, UNIDO (lead)

(II) LATEST ARTICLE 7 DATA (Annex C Group I)	Year: 2010	16.0 (ODP tonnes)
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(III) LATEST COUNTRY PROGRAMME SECTORAL DATA (ODP tonnes)							Year: 2010		
Chemical	Aerosol	Foam	Fire fighting	Refrigeration		Solvent	Process agent	Lab Use	Total sector consumption
				Manufacturing	Servicing				
HCFC-22					16.0				16.0

(IV) CONSUMPTION DATA (ODP tonnes)			
2009 - 2010 baseline (estimate):	26.15	Starting point for sustained aggregate reductions:	16.0
CONSUMPTION ELIGIBLE FOR FUNDING (ODP tonnes)			
Already approved:	0.0	Remaining:	10.38

(V) BUSINESS PLAN		2012	2013	2014	Total
UNEP	ODS phase-out (ODP tonnes)		1.9	0	1.9
	Funding (US \$)	0	75,000	0	75,000
UNIDO	ODS phase-out (ODP tonnes)	1.7	0	0	1.7
	Funding (US \$)	188,125	0	0	188,125

(VI) PROJECT DATA			2012	2013	2014	2015	2016	2017	2018	2019	2020	Total
Montreal Protocol consumption limits (estimate)			n/a	26.15	26.15	23.54	23.54	23.54	23.54	23.54	17.00	
Maximum allowable consumption (ODP tonnes)			n/a	15.97	15.97	14.37	14.37	14.37	14.37	14.37	10.38	
Project costs requested in principle (US \$)	UNEP	Project costs	100,000				125,000				50,000	275,000
		Support costs	13,000				16,250				6,500	35,750
	UNIDO	Project costs	175,000				90,000				20,000	285,000
		Support costs	13,125				6,750				1,500	21,375
Total project costs requested in principle (US \$)			275,000	0	0	0	215,000	0	0	0	70,000	560,000
Total support costs requested in principle (US \$)			26,125	0	0	0	23,000	0	0	0	8,000	57,125
Total funds requested in principle (US \$)			301,125	0	0	0	238,000	0	0	0	78,000	617,125

(VII) Request for funding for the first tranche (2012)		
Agency	Funds requested (US \$)	Support costs (US \$)
UNEP	100,000	13,000
UNIDO	175,000	13,125

Funding request:	Approval of funding for the first tranche (2012) as indicated above
Secretariat's recommendation:	For individual consideration

PROJECT DESCRIPTION

1. On behalf of the Government of Niger, UNIDO, as the lead implementing agency, has submitted to the 66th meeting of the Executive Committee stage I of the HCFC phase-out management plan (HPMP) at a total cost of US \$617,125, consisting of US \$285,000, plus agency support costs of US \$21,375 for UNIDO, and US \$275,000, plus agency support costs of US \$35,750 for UNEP. The implementation of stage I of the HPMP will assist Niger in achieving 35 per cent reduction in HCFC consumption by 2020.

2. The first tranche for stage I of the HPMP being requested at this meeting totals US \$301,125, consisting of US \$175,000, plus agency support costs of US \$13,125 for UNDP, and US \$100,000, plus agency support costs of US \$13,000 for UNEP, as originally submitted.

Background

3. Niger, with a total population of about 15.5 million inhabitants, has ratified all the amendments to the Montreal Protocol.

ODS regulations

4. The Ministry of Environment and the Fight against Desertification (MoE) is the designated agency responsible for implementation of the Montreal Protocol in Niger. A national ozone unit (NOU) was established within the MoE to implement activities at the operational level. In 2000, the Government issued ministerial decree No.11/MCI/ME/LCD that, *inter alia*, controls the import, export and trade in ozone depleting substances (ODS). The decree was amended in 2002 to include HCFCs. The regulations were further strengthened by regional regulation 04/2005/CM/UEMOA on harmonization of import, marketing, use and re-export of ODS (including HCFCs). A licensing system has been established for HCFCs and HCFC-containing equipment. Niger plans to introduce import quotas from 1 January 2013.

HCFC consumption and sector distribution

5. Niger neither produces nor exports HCFCs. All HCFCs used in Niger are imported (mainly through Nigeria). HCFC-22 is the only HCFC used in the country, solely for servicing refrigeration and air-conditioning (RAC) equipment. A very small quantity of refrigerant blends R-408A and R-502 were also identified during the survey. The HCFC-22 in blends has been included in the total consumption. The import of R-502 ceased in 2010.

6. The survey covered representative importers and service workshops from eight regions. The data obtained from the survey was evaluated and validated by the industrial association and stakeholders. HCFC consumption data obtained from the survey is consistent with that reported under Article 7 for all the years except for 2009. The consumption in 2009 was significantly overestimated owing to coding errors caused by some other gases being wrongly classified as HCFCs. Based on the survey results, the Government of Niger submitted a request to the Ozone Secretariat on 15 November 2011 for a data revision. Table 1 shows the level of HCFC consumption in Niger. The HCFC baseline for compliance has been established at 26.15 ODP tonnes.

Table 1: HCFC-22 level of consumption

Year	Article 7		Survey	
	mt	ODP t	mt	ODP t
2005	262.66	14.45	262.66	14.45
2006	256.80	14.12	256.80	14.12
2007	292.77	16.10	292.77	16.10
2008	291.18	16.01	291.18	16.01
2009	660.00	36.30	290.00	15.95
2010	290.77	15.99	290.77	15.99

7. HCFC-22 is the least expensive refrigerant used in Niger. A comparison of prices of alternative refrigerants with HCFC-22 is provided in Table 2. HCFC-22 accounts for approximately 79 per cent of total refrigerant consumption.

Table 2: Comparison of prices of HCFC-22 with alternatives

Refrigerant	Price (US \$/kg)
HCFC-22	7.40
R-134a	11.00
R-404A	15.05
R-407C	15.05
R-600a	22.00

8. The total number of installed RAC equipment units using HCFC-22 in Niger was estimated at 365,923 units in 2010. The air-conditioning sub-sector consumes 70 per cent of the HCFC-22, while the commercial and refrigeration sectors consume the remaining 30 per cent. The average leakage rate was estimated at 30 to 40 per cent, mainly due to aged equipment, harsh climate conditions and frequent power cuts which lead to more frequent charging being required. Table 3 provides a summary of HCFC consumption by sector.

Table 3: HCFC-22 consumption by sector based on the survey

Sector	Total number	Total charge		Service demand	
		mt	ODP t	mt	ODP t
Air conditioning (window, split and central type)	224,073	531.41	29.23	200.63	11.03
Commercial refrigeration	140,214	210.32	11.57	84.12	4.63
Industrial refrigeration (water chillers, cold storage)	1,636	16.43	0.90	5.25	0.29
Total	365,923	758.16	41.70	290.00	15.95

HCFC consumption forecast

9. Niger forecasts an 8 per cent growth in HCFC consumption up to 2020 under the unconstrained scenario based on the current status and future development of the country's economy. The consumption is expected to grow significantly due to the development in mining and oil exploration in the east and north of the country and the two cement plants being constructed in the Tahoua region. Table 4 below provides a summary of the HCFC consumption forecast in Niger.

Table 4: HCFC consumption forecast for the 2011-2020 period

Year		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Unconstraint	Mt	314.03	339.15	366.29	395.59	427.24	461.42	498.33	538.19	581.25	627.75
	ODP t	17.27	18.65	20.15	21.76	23.50	25.38	27.41	29.60	31.97	34.53
Constraint	Mt	290.58	290.58	290.58	290.58	261.52	261.52	261.52	261.52	261.52	188.75
	ODP t	15.98	15.98	15.98	15.98	14.40	14.40	14.40	14.40	14.40	10.38

HCFC phase-out strategy

10. The Government of Niger is proposing to follow the Montreal Protocol phase-out schedule and adopt a staged approach to completely phase out HCFCs by 2030 with a service tail to 2040. The activities in stage I of the HPMP will concentrate on reductions of HCFC-22 in the servicing sector, and will include training and equipment support for servicing technicians to reduce leakage and emissions by improving their servicing practices, and by means of refrigerant recovery and reuse. The Government will control HCFC supply and demand through implementing the licensing and quota systems for HCFCs and controls on imports of HCFC-based equipment from 1 January 2013. Training for customs officers will assist enforcement personnel in better identifying HCFCs at border posts to prevent illegal trade. The detailed activities are shown in Table 5.

Cost of the HPMP

11. The total cost of stage I of the HPMP for Niger has been estimated at US \$560,000, resulting in the phase-out of 101.63 mt (5.59 ODP tonnes) of HCFCs. The detailed cost breakdown for activities is listed in Table 5.

Table 5: Specific activities, proposed period of implementation and cost of stage I of the HPMP

Activities and funding	Agency	Period	Cost (US \$)
Updating regulatory framework, training for law enforcement personnel on HCFC regulations, consumption monitoring and reporting, end-user management	UNIDO	2012-2020	30,000
Training of technicians in good servicing practice, refrigerant recovery, reuse and retrofit	UNEP	2012 - 2020	160,000
Provision of tools and equipment for refrigerant recovery and recycling, training of technicians on using provided equipment	UNIDO	2012 - 2016	210,000
Training of customs officers and enforcement personnel on tracking HCFCs and contaminated refrigerants, public awareness, provision of refrigerant identifiers	UNEP	2012 - 2020	115,000
Monitoring, coordination and reporting	UNIDO	2013 - 2020	45,000
Total			560,000

SECRETARIAT COMMENTS AND RECOMMENDATION

COMMENTS

12. The Secretariat reviewed the HPMP for Niger in the context of the guidelines for the preparation of HPMPs (decision 54/39), the criteria for funding HCFC phase-out in the consumption sector agreed at the 60th meeting (decision 60/44), subsequent decisions on HPMPs, and the 2012-2014 business plan of the Multilateral Fund.

HCFC consumption and baseline

13. The Secretariat reviewed the methodology for data collection and confirmed that the data gathered from the survey has been re-examined and the coding errors for non-HCFCs have been corrected. Further consultation with the Ozone Secretariat confirmed that Niger has requested a revision of its HCFC consumption for the baseline year of 2009 but the request has yet to go through the Implementation Committee. If the data revision is approved by the Parties to the Montreal Protocol, the baseline for Niger will be reduced from the current level of 26.15 ODP tonnes to 15.97 ODP tonnes.

Starting point for aggregate reduction in HCFC consumption

14. The Government of Niger agreed to establish as its starting point for sustained aggregate reductions in HCFC consumption the average of 2009 consumption (15.95 ODP tonnes) obtained from the survey and the 2010 consumption (15.99 ODP tonnes) reported under the Article 7 of the Montreal Protocol, amounting to 15.97 ODP tonnes (290.39 mt). Given the fact that the established baseline contains data errors, Niger has already requested a revision of its baseline.

Technical and cost issues

15. The Secretariat reviewed the activities proposed for stage I of the HPMP and suggested quotas for HCFCs and safety standards for hydrocarbon in the policy framework and the training of stage I of the HPMP be included. The HPMP was adjusted accordingly. UNIDO further clarified that, in stage I of the HPMP, retrofit will not be implemented in a large scale taking into account the high prices of alternatives at present, however it will be limited to training of technicians starting from the second tranche (2016) in order for them to obtain retrofit skills and perform retrofits when this is economic viable. The Secretariat requested updated information on the progress of the implementation of the Terminal phase-out management plan (TPMP) and inquired whether the remaining funding balance from the TPMP can be used for activities in the HPMP. UNIDO informed that the TPMP is operationally completed and that the uncommitted balance from the TPMP is US \$1,265 and will be returned to the Multilateral Fund. After discussion, the agreed cost of stage I of the HPMP remains the same as is shown in Table 5.

Impact on the climate

16. The proposed technical assistance activities in the HPMP, which include the introduction of better servicing practices and enforcement of HCFC import controls, will reduce the amount of HCFC-22 used for refrigeration servicing. Each kilogramme (kg) of HCFC-22 not emitted due to better refrigeration practices results in approximately 1.8 CO₂-equivalent tonnes saved. Although the impact on the climate by activities proposed was not evaluated in the HPMP, the activities planned by Niger, in particular training for technicians on improved servicing practices, refrigerant recovery and reuse and promoting low GWP substitutes indicate that the country is likely to achieve the reduction of 15,611 CO₂-equivalent tonnes in emissions into the atmosphere as estimated in the 2012-2014 business plan. However, at this time, the Secretariat is not in a position to quantitatively estimate the impact on the climate. The impact might be established through an assessment of implementation reports by, *inter alia*, comparing the levels of refrigerants used annually from the beginning of HPMP implementation, the reported amounts of refrigerants being recovered and recycled, the number of technicians trained and the HCFC-22-based equipment being retrofitted.

Co-financing

17. In response to decision 54/39(h) on potential financial incentives and opportunities for additional resources to maximize the environmental benefits from HPMPs pursuant to paragraph 11(b) of decision XIX/6 of the Nineteenth Meeting of the Parties, the Government of Niger indicated that in-kind contribution will be provided by the national refrigeration association through expert support during the implementation of stage I of the HPMP.

2012-2014 business plan of the Multilateral Fund

18. UNIDO and UNEP are requesting US \$617,125 (including agency support costs) for the implementation of stage I of the HPMP. The total value requested for the 2012-2014 period of US \$301,125, including support cost, is above that of US \$263,125 in the business plan. If the HPMP is approved at the level requested, an additional US \$38,000 would be required to be allocated in the 2012 to 2014 business plan.

19. Based on the estimated HCFC baseline consumption in the servicing sector of 290.39 mt, Niger's allocation, up to 2020 for the 35 per cent reduction target, should be US \$560,000 in line with decision 60/44.

Draft Agreement

20. A draft Agreement between the Government of Niger and the Executive Committee for HCFC phase-out is contained in Annex I to the present document.

RECOMMENDATION

21. The Executive Committee may wish to consider:

- (a) Approving, in principle, stage I of the HCFC phase-out management plan (HPMP) for Niger for the period 2012 to 2020 to reduce HCFC consumption by 35 per cent of the baseline, at the amount of US \$617,125, consisting of US \$285,000 plus agency support costs of US \$21,375 for UNIDO, and US \$275,000 plus agency support costs of US \$35,750 for UNEP;
- (b) Noting that the Government of Niger had agreed to establish as its starting point for sustained aggregate reduction in HCFC consumption an estimated baseline of 15.97 ODP tonnes, calculated using actual consumption of 15.95 ODP tonnes reported for 2009 under the HPMP and 15.99 ODP tonnes reported for 2010 under Article 7 of the Montreal Protocol;
- (c) Deducting 5.59 ODP tonnes of HCFCs from the starting point for sustained aggregate reduction in HCFC consumption;
- (d) Approving the draft Agreement between the Government of Niger and the Executive Committee for the reduction in consumption of HCFCs, as contained in Annex I to the present document;
- (e) Requesting the Fund Secretariat, in the event that the baseline consumption for Niger is amended based on revised Article 7 data, to update Appendix 2-A to the Agreement to include the revised figures for the baseline once approved by the Parties to the Montreal Protocol; and

- (f) Approving the first tranche of stage I of the HPMP for Niger, and the corresponding implementation plan, at the amount of US \$301,125, consisting of US \$175,000 plus agency support costs of US \$13,125 for UNIDO, and US \$100,000 plus agency support costs of US \$13,000 for UNEP.

Annex I

DRAFT AGREEMENT BETWEEN THE GOVERNMENT OF THE REPUBLIC OF THE NIGER AND THE EXECUTIVE COMMITTEE OF THE MULTILATERAL FUND FOR THE REDUCTION IN CONSUMPTION OF HYDROCHLOROFLUOROCARBONS

1. This Agreement represents the understanding of the Government of the Republic of the Niger (the “Country”) and the Executive Committee with respect to the reduction of controlled use of the ozone-depleting substances (ODS) set out in Appendix 1-A (“The Substances”) to a sustained level of 10.38 ODP tonnes by 1 January 2020 in compliance with Montreal Protocol schedules.

2. The Country agrees to meet the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A (“The Targets, and Funding”) in this Agreement as well as in the Montreal Protocol reduction schedule for all Substances mentioned in Appendix 1-A. The Country accepts that, by its acceptance of this Agreement and performance by the Executive Committee of its funding obligations described in paragraph 3, it is precluded from applying for or receiving further funding from the Multilateral Fund in respect to any consumption of the Substances that exceeds the level defined in row 1.2 of Appendix 2-A as the final reduction step under this Agreement for all of the Substances specified in Appendix 1-A, and in respect to any consumption of each of the Substances that exceeds the level defined in row 4.1.3 (remaining eligible consumption).

3. Subject to compliance by the Country with its obligations set out in this Agreement, the Executive Committee agrees, in principle, to provide the funding set out in row 3.1 of Appendix 2-A to the Country. The Executive Committee will, in principle, provide this funding at the Executive Committee meetings specified in Appendix 3-A (“Funding Approval Schedule”).

4. The Country agrees to implement this Agreement in accordance with the HCFC phase-out sector plans submitted. In accordance with sub-paragraph 5(b) of this Agreement, the Country will accept independent verification of the achievement of the annual consumption limits of the Substances as set out in row 1.2 of Appendix 2-A of this Agreement. The aforementioned verification will be commissioned by the relevant bilateral or implementing agency.

5. The Executive Committee will not provide the Funding in accordance with the Funding Approval Schedule unless the Country satisfies the following conditions at least eight weeks in advance of the applicable Executive Committee meeting set out in the Funding Approval Schedule:

- (a) That the Country had met the Targets set out in row 1.2 of Appendix 2-A for all relevant years. Relevant years are all years since the year in which this Agreement was approved. Years for which no obligation for reporting of country programme data exists at the date of the Executive Committee meeting at which the funding request is being presented are exempted;
- (b) That the meeting of these Targets has been independently verified, unless the Executive Committee decided that such verification would not be required;
- (c) That the Country had submitted annual implementation reports in the form of Appendix 4-A (“Format of Implementation Reports and Plans”) covering each previous calendar year; that it had achieved a significant level of implementation of activities initiated with previously approved tranches; and that the rate of disbursement of funding available from the previously approved tranche was more than 20 per cent;

- (d) That the Country has submitted an annual implementation plan in the form of Appendix 4-A covering each calendar year until and including the year for which the funding schedule foresees the submission of the next tranche or, in case of the final tranche, until completion of all activities foreseen; and
- (e) That, for all submissions from the 68th meeting onwards, confirmation has been received from the Government that an enforceable national system of licensing and quotas for HCFC imports and, where applicable, production and exports is in place and that the system is capable of ensuring the Country's compliance with the Montreal Protocol HCFC phase-out schedule for the duration of this Agreement.

6. The Country will ensure that it conducts accurate monitoring of its activities under this Agreement. The institutions set out in Appendix 5-A (“Monitoring Institutions and Roles”) will monitor and report on implementation of the activities in the previous annual implementation plans in accordance with their roles and responsibilities set out in Appendix 5-A. This monitoring will also be subject to independent verification as described in paragraph 4 above.

7. The Executive Committee agrees that the Country may have the flexibility to reallocate the approved funds, or part of the funds, according to the evolving circumstances to achieve the smoothest reduction of consumption and phase-out of the Substances specified in Appendix 1-A:

- (a) Reallocations categorized as major changes must be documented in advance either in an annual implementation plan submitted as foreseen in sub-paragraph 5(d) above, or as a revision to an existing annual implementation plan to be submitted eight weeks prior to any meeting of the Executive Committee, for its approval. Major changes would relate to:
 - (i) Issues potentially concerning the rules and policies of the Multilateral Fund;
 - (ii) Changes which would modify any clause of this Agreement;
 - (iii) Changes in the annual levels of funding allocated to individual bilateral or implementing agencies for the different tranches; and
 - (iv) Provision of funding for programmes or activities not included in the current endorsed annual implementation plan, or removal of an activity in the annual implementation plan, with a cost greater than 30 per cent of the total cost of the last approved tranche;
- (b) Reallocations not categorized as major changes may be incorporated in the approved annual implementation plan, under implementation at the time, and reported to the Executive Committee in the subsequent annual implementation report; and
- (c) Any remaining funds will be returned to the Multilateral Fund upon completion of the last tranche foreseen under this Agreement.

8. Specific attention will be paid to the execution of the activities in the refrigeration servicing sub-sector, in particular:

- (a) The Country would use the flexibility available under this Agreement to address specific needs that might arise during project implementation; and
- (b) The Country and the bilateral and implementing agencies involved will take full account of the requirements of decisions 41/100 and 49/6 during the implementation of the plan.

9. The Country agrees to assume overall responsibility for the management and implementation of this Agreement and of all activities undertaken by it or on its behalf to fulfil the obligations under this Agreement. UNIDO has agreed to be the lead implementing agency (the “Lead IA”) and UNEP has agreed to be the cooperating implementing agency (the “Cooperating IA”) under the lead of the Lead IA in respect of the Country’s activities under this Agreement. The Country agrees to evaluations, which might be carried out under the monitoring and evaluation work programmes of the Multilateral Fund or under the evaluation programme of any of the agencies taking part in this Agreement.

10. The Lead IA will be responsible for ensuring co-ordinated planning, implementation and reporting of all activities under this Agreement, including but not limited to independent verification as per sub-paragraph 5(b). This responsibility includes the necessity to co-ordinate with the Cooperating IA to ensure appropriate timing and sequence of activities in the implementation. The Cooperating IA will support the Lead IA by implementing the activities listed in Appendix 6-B under the overall co-ordination of the Lead IA. The Lead IA and Cooperating IA have reached consensus on the arrangements regarding inter-agency planning, reporting and responsibilities under this Agreement to facilitate a co-ordinated implementation of the Plan, including regular co-ordination meetings. The Executive Committee agrees, in principle, to provide the Lead IA and the Cooperating IA with the fees set out in rows 2.2 and 2.4 of Appendix 2-A.

11. Should the Country, for any reason, not meet the Targets for the elimination of the Substances set out in row 1.2 of Appendix 2-A or otherwise does not comply with this Agreement, then the Country agrees that it will not be entitled to the Funding in accordance with the Funding Approval Schedule. At the discretion of the Executive Committee, funding will be reinstated according to a revised Funding Approval Schedule determined by the Executive Committee after the Country has demonstrated that it has satisfied all of its obligations that were due to be met prior to receipt of the next tranche of funding under the Funding Approval Schedule. The Country acknowledges that the Executive Committee may reduce the amount of the Funding by the amount set out in Appendix 7-A (“Reductions in Funding for Failure to Comply”) in respect of each ODP kg of reductions in consumption not achieved in any one year. The Executive Committee will discuss each specific case in which the Country did not comply with this Agreement, and take related decisions. Once these decisions are taken, this specific case will not be an impediment for future tranches as per paragraph 5 above.

12. The Funding of this Agreement will not be modified on the basis of any future Executive Committee decision that may affect the funding of any other consumption sector projects or any other related activities in the Country.

13. The Country will comply with any reasonable request of the Executive Committee, the Lead IA and the Cooperating IA to facilitate implementation of this Agreement. In particular, it will provide the Lead IA and the Cooperating IA with access to the information necessary to verify compliance with this Agreement.

14. The completion of stage I of the HPMP and the associated Agreement will take place at the end of the year following the last year for which a maximum allowable total consumption level has been specified in Appendix 2-A. Should there at that time still be activities that are outstanding, and which were foreseen in the Plan and its subsequent revisions as per sub-paragraph 5(d) and paragraph 7, the completion will be delayed until the end of the year following the implementation of the remaining activities. The reporting requirements as per sub-paragraphs 1(a), 1(b), 1(d), and 1(e) of Appendix 4-A will continue until the time of the completion unless otherwise specified by the Executive Committee.

15. All of the conditions set out in this Agreement are undertaken solely within the context of the Montreal Protocol and as specified in this Agreement. All terms used in this Agreement have the meaning ascribed to them in the Montreal Protocol unless otherwise defined herein.

APPENDICES

APPENDIX 1-A: THE SUBSTANCES

Substance	Annex	Group	Starting point for aggregate reductions in consumption (ODP tonnes)
HCFC-22	C	I	15.97

APPENDIX 2-A: THE TARGETS, AND FUNDING

Row	Particulars	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total
1.1	Montreal Protocol reduction schedule of Annex C, Group I substances (ODP tonnes)	n/a	26.15	26.15	23.54	23.54	23.54	23.54	23.54	17.00	n/a
1.2	Maximum allowable total consumption of Annex C, Group I substances (ODP tonnes)	n/a	15.97	15.97	14.37	14.37	14.37	14.37	14.37	10.38	n/a
2.1	Lead IA (UNIDO) agreed funding (US \$)	175,000	0	0	0	90,000	0	0	0	20,000	285,000
2.2	Support costs for Lead IA (US \$)	13,125	0	0	0	6,750	0	0	0	1,500	21,375
2.3	Cooperating IA (UNEP) agreed funding (US \$)	100,000	0	0	0	125,000	0	0	0	50,000	275,000
2.4	Support costs for Cooperating IA (US \$)	13,000	0	0	0	16,250	0	0	0	6,500	35,750
3.1	Total agreed funding (US \$)	275,000	0	0	0	215,000	0	0	0	70,000	560,000
3.2	Total support costs (US \$)	26,125	0	0	0	23,000	0	0	0	8,000	57,125
3.3	Total agreed costs (US \$)	301,125	0	0	0	238,000	0	0	0	78,000	617,125
4.1.1	Total phase-out of HCFC-22 agreed to be achieved under this agreement (ODP tonnes)										5.59
4.1.2	Phase-out of HCFC-22 to be achieved in previously approved projects (ODP tonnes)										n/a
4.1.3	Remaining eligible consumption for HCFC-22 (ODP tonnes)										10.38

APPENDIX 3-A: FUNDING APPROVAL SCHEDULE

1. Funding for the future tranches will be considered for approval at the first meeting of the year specified in Appendix 2-A.

APPENDIX 4-A: FORMAT OF IMPLEMENTATION REPORTS AND PLANS

1. The submission of the Implementation Report and Plan for each tranche request will consist of five parts:

- (a) A narrative report, with data provided by calendar year, regarding the progress since the year prior to the previous report, reflecting the situation of the Country in regard to phase out of the Substances, how the different activities contribute to it, and how they relate to each other. The report should include ODS phase-out as a direct result from the implementation of activities, by substance, and the alternative technology used and the

related phase-in of alternatives, to allow the Secretariat to provide to the Executive Committee information about the resulting change in climate relevant emissions. The report should further highlight successes, experiences, and challenges related to the different activities included in the Plan, reflecting any changes in the circumstances in the Country, and providing other relevant information. The report should also include information on and justification for any changes vis-à-vis the previously submitted Annual Implementation Plan(s), such as delays, uses of the flexibility for reallocation of funds during implementation of a tranche, as provided for in paragraph 7 of this Agreement, or other changes. The narrative report will cover all relevant years specified in sub-paragraph 5(a) of the Agreement and can in addition also include information on activities in the current year;

- (b) A verification report of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement. If not decided otherwise by the Executive Committee, such a verification has to be provided together with each tranche request and will have to provide verification of the consumption for all relevant years as specified in sub-paragraph 5(a) of the Agreement for which a verification report has not yet been acknowledged by the Committee;
- (c) A written description of the activities to be undertaken until and including the year of the planned submission of the next tranche request, highlighting the interdependence of the activities, and taking into account experiences made and progress achieved in the implementation of earlier tranches; the data in the plan will be provided by calendar year. The description should also include a reference to the overall plan and progress achieved, as well as any possible changes to the overall plan that are foreseen. The description should cover the years specified in sub-paragraph 5(d) of the Agreement. The description should also specify and explain in detail such changes to the overall plan. This description of future activities can be submitted as a part of the same document as the narrative report under sub-paragraph (b) above;
- (d) A set of quantitative information for all annual implementation reports and annual implementation plans, submitted through an online database. This quantitative information, to be submitted by calendar year with each tranche request, will be amending the narratives and description for the report (see sub-paragraph 1(a) above) and the plan (see sub-paragraph 1(c) above), the annual implementation plan and any changes to the overall plan, and will cover the same time periods and activities; and
- (e) An Executive Summary of about five paragraphs, summarizing the information of the above sub-paragraphs 1(a) to 1(d).

APPENDIX 5-A: MONITORING INSTITUTIONS AND ROLES

1. The National Ozone Unit (NOU) will be responsible for the monitoring and overall co-ordination of national activities during the implementation of the HPMP.
2. An independent consultant will be employed by the Lead IA for verification if required for the evaluation of the achievement. Annual report will be prepared by the NOU under the assistance of the Lead IA and the Cooperating IA.

APPENDIX 6-A: ROLE OF THE LEAD IMPLEMENTING AGENCY

1. The Lead IA will be responsible for a range of activities, including at least the following:
 - (a) Ensuring performance and financial verification in accordance with this Agreement and with its specific internal procedures and requirements as set out in the Country's HPMP;
 - (b) Assisting the Country in preparation of the Implementation Plans and subsequent reports as per Appendix 4-A;
 - (c) Providing independent verification to the Executive Committee that the Targets have been met and associated annual activities have been completed as indicated in the Implementation Plan consistent with Appendix 4-A;
 - (d) Ensuring that the experiences and progress is reflected in updates of the overall plan and in future annual implementation plans consistent with sub-paragraphs 1(c) and 1(d) of Appendix 4-A;
 - (e) Fulfilling the reporting requirements for the annual implementation reports, annual implementation plans and the overall plan as specified in Appendix 4-A for submission to the Executive Committee. The reporting requirements include the reporting about activities undertaken by the Cooperating IA;
 - (f) Ensuring that appropriate independent technical experts carry out the technical reviews;
 - (g) Carrying out required supervision missions;
 - (h) Ensuring the presence of an operating mechanism to allow effective, transparent implementation of the Implementation Plan and accurate data reporting;
 - (i) Co-ordinating the activities of the Cooperating IA, and ensuring appropriate sequence of activities;
 - (j) In case of reductions in funding for failure to comply in accordance with paragraph 11 of the Agreement, to determine, in consultation with the Country and the Cooperating IA, the allocation of the reductions to the different budget items and to the funding of each implementing or bilateral agency involved;
 - (k) Ensuring that disbursements made to the Country are based on the use of the indicators; and
 - (l) Providing assistance with policy, management and technical support when required.
2. After consultation with the Country and taking into account any views expressed, the Lead IA will select and mandate an independent entity to carry out the verification of the HPMP results and the consumption of the Substances mentioned in Appendix 1-A, as per sub-paragraph 5(b) of the Agreement and sub-paragraph 1(b) of Appendix 4-A.

APPENDIX 6-B: ROLE OF THE COOPERATING IMPLEMENTING AGENCY

1. The Cooperating IA will be responsible for a range of activities. These activities are specified in the overall plan, including at least the following:

- (a) Providing assistance for policy development when required;
- (b) Assisting the Country in the implementation and assessment of the activities funded by the Cooperating IA, and refer to the Lead IA to ensure a co-ordinated sequence in the activities; and
- (c) Providing reports to the Lead IA on these activities, for inclusion in the consolidated reports as per Appendix 4-A.

APPENDIX 7-A: REDUCTIONS IN FUNDING FOR FAILURE TO COMPLY

1. In accordance with paragraph 11 of the Agreement, the amount of funding provided may be reduced by US \$180 per ODP kg of consumption beyond the level defined in row 1.2 of Appendix 2-A for each year in which the target specified in row 1.2 of Appendix 2-A has not been met.
