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EXECUTIVE COMMITTEE OF  
THE MULTILATERAL FUND FOR THE  
IMPLEMENTATION OF THE MONTREAL PROTOCOL  
Seventy-first Meeting  
Montreal, 2-6 December 2013

**PROJECT PROPOSAL: CONGO (THE)**

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, second tranche)

UNEP/UNIDO

## PROJECT EVALUATION SHEET – MULTI-YEAR PROJECTS

### Congo (The)

<b>(I) PROJECT TITLE</b>	<b>AGENCY</b>
HCFC phase out plan (Stage I)	UNEP (lead), UNIDO

<b>(II) LATEST ARTICLE 7 DATA (Annex C Group I)</b>	Year: 2012	9.87 (ODP tonnes)
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<b>(III) LATEST COUNTRY PROGRAMME SECTORAL DATA (ODP tonnes)</b>								<b>Year: 2012</b>	
Chemical	Aerosol	Foam	Fire fighting	Refrigeration		Solvent	Process agent	Lab Use	Total sector consumption
				Manufacturing	Servicing				
HCFC-123									
HCFC-124									
HCFC-141b									
HCFC-142b									
HCFC-22					9.9				9.9

<b>(IV) CONSUMPTION DATA (ODP tonnes)</b>			
2009 - 2010 baseline:	10.14	Starting point for sustained aggregate reductions:	10.14
<b>CONSUMPTION ELIGIBLE FOR FUNDING (ODP tonnes)</b>			
Already approved:	3.55	Remaining:	6.59

<b>(V) BUSINESS PLAN</b>		2012	2013	2014	2015	2016	2017	2018	2019	2020	Total
UNEP	ODS phase-out (ODP tonnes)		0.3			0.4		0.3		0.4	1.3
	Funding (US \$)		33,900			45,200		28,250		39,550	146,900
UNIDO	ODS phase-out (ODP tonnes)					0.76					0.76
	Funding (US \$)					81,750					81,750

<b>(VI) PROJECT DATA</b>		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total	
Montreal Protocol consumption limits		n/a	n/a	10.14	10.14	9.13	9.13	9.13	9.13	9.13	6.59	n/a	
Maximum allowable consumption (ODP tonnes)		n/a	n/a	10.14	10.14	9.13	9.13	9.13	9.13	9.13	6.59	n/a	
Agreed Funding (US\$)	UNEP	Project costs	45,000	0	30,000	0	0	40,000	0	25,000	0	35,000	175,000
		Support costs	5,850	0	3,900	0	0	5,200	0	3,250	0	4,550	22,750
	UNIDO	Project costs	100,000	0	0	0	0	75,000	0	0	0	0	175,000
		Support costs	9,000	0	0	0	0	6,750	0	0	0	0	15,750
Funds approved by ExCom (US\$)	Project Costs	145,000	0	0	0	0	0	0	0	0	0	145,000	
	Support Costs	14,850	0	0	0	0	0	0	0	0	0	14,850	
Total funds requested for approval at this meeting (US\$)	Project Costs	0	0	30,000	0	0	0	0	0	0	0	30,000	
	Support Costs	0	0	3,900	0	0	0	0	0	0	0	3,900	

<b>Secretariat's recommendation:</b>	Blanket approval
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## **PROJECT DESCRIPTION**

1. On behalf of the Government of the Congo UNEP, as the lead implementing agency, has submitted to the 71<sup>st</sup> meeting a request for funding for the second tranche of stage I of the HCFC phase-out management plan (HPMP)<sup>1</sup> at the amount of US \$30,000, plus agency support costs of US \$3,900 for UNEP only. The submission includes a progress report on the implementation of the first tranche of the HPMP and the tranche implementation plan for 2013 to 2016.

### Progress report on the implementation of the first tranche of the HPMP

2. The following activities had been implemented during the first tranche of the HPMP: training of nine trainers and 40 customs officers on the identification and control of HCFCs and HCFC-based equipment as well as the implementation of the Monetary and Economic Community of Central Africa (CEMAC) sub-regional regulation that harmonizes the management of controlled substances, including HCFCs; purchase and distribution of three ODS identifiers to customs and the main refrigeration association; training of 77 refrigeration technicians on recovery and recycling of HCFCs as well as the safe handling of hydrocarbon-refrigerants; procurement and delivery of equipment and tools to selected refrigeration workshops and centres of excellence, and training (planned) for technicians who are recipients of the equipment.

3. The National Unit (NOU) has been overseeing the implementation of the HPMP to ensure that the activities were implemented as planned.

4. As of September 2013, of the US \$145,000 approved for the first tranche, US \$142,464 had been disbursed. The balance of US \$2,536 will be disbursed in 2013.

### Annual plans for the second tranche of the HPMP

5. The main activities to be implemented during the second tranche of the HPMP include:
- (a) Further training of 80 customs officers on the identification and control of HCFCs and HCFC-based equipment (US \$13,000);
  - (b) Further training of 100 refrigeration technicians on recovery and recycling of HCFCs and safe handling of hydrocarbon-refrigerants (US \$12,000); and
  - (c) Monitoring and evaluation of the implementation of the HPMP (US \$5,000).

## **SECRETARIAT'S COMMENTS AND RECOMMENDATION**

### **COMMENTS**

#### HCFC imports licensing and quota system

6. In line with decision 63/17, confirmation has been received from the Government that an enforceable national system of licensing and quotas for HCFC imports is in place and that the system is capable of ensuring compliance with the Montreal Protocol HCFC phase-out schedule. The Government of the Congo indicated that the quota for 2013 is established at 8.8 ODP tonnes.

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<sup>1</sup> The HPMP for the Congo was approved by the Executive Committee at its 63<sup>rd</sup> meeting to reduce HCFC consumption by 35 per cent of the baseline by 1 January 2020.

HCFC consumption

7. The HCFC baseline for compliance has been established at 10.14 ODP tonnes, based on the actual consumption reported under Article 7 of the Montreal Protocol for 2009<sup>2</sup> and 2010 as shown in Table 1. The established baseline corresponds to the value in the Agreement between the Government of the Congo and the Executive Committee; therefore no adjustments to the Agreement are required.

Table.1 HCFC consumption in the Congo (Article 7)

<b>HCFC</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>Baseline</b>
<b>Metric tonnes</b>						
HCFC-22	161.9	176	192.8	192	179.4	184.4
<b>ODP tonnes</b>						
HCFC-22	8.90	9.68	10.60	10.56	9.87	10.14

8. The review of the 2012 Article 7 data and the 2013 quota level shows a decreasing trend in HCFC consumption, and these figures are below the maximum allowable consumption of 10.14 ODP tonnes for 2013 and 2014.

Technical issues

9. In discussing the issue related to the banning of imports of HCFC-based equipment, UNEP explained that although the sub-regional CEMAC regulation does not yet ban the import of HCFC-based equipment, the country members are planning to amend the existing regulation to include such a ban from 2015.

10. In regard to the long-term sustainability of the training activities implemented under the HPMP, UNEP indicated that the customs sub-regional training school based in the Central African Republic and the CEMAC country members are working on the introduction of an ozone module into its curriculum. Moreover, an agreement with the main training institute in Brazzaville has been signed to ensure a continuous training session in good practices in refrigeration servicing and the safe handling of HC refrigerants.

11. Concerning the availability and prices of HCFC-22 alternatives, UNEP advised that R-404a, R-407 and R-410 are available in the country, but their high prices limit their usage. Hydrocarbons are available although in limited quantities and mainly for training purpose. Currently, the good practices in servicing the equipment are being promoted to reduce the venting of HCFC-22.

Conclusion

12. The Secretariat notes that an enforceable system of licensing and quotas for HCFC imports is in place and that the system is capable of ensuring compliance with the Montreal Protocol. The HPMP is progressing. Training has been provided to customs officers and technicians, and equipment and tools procured and delivered to selected refrigeration workshops and centres of excellence. Additional activities proposed with the second tranche will further strengthen the servicing sector.

<sup>2</sup> The Congo submitted a request for the revision of its consumption data for HCFCs for 2009 in accordance with decision XV/19. The approval of the revised 2009 consumption data for HCFCs by the 25<sup>th</sup> Meeting of the Parties (Decision XXV/13) led to a change in baseline from 8.9 ODP tonnes to 10.14 ODP tonnes, resulting in no change in the funding eligibility.

**RECOMMENDATION**

13. The Fund Secretariat recommends that the Executive Committee takes notes of the progress report on the implementation of the first tranche of stage I of the HCFC phase-out management plan of (HPMP) in the Congo and further recommends blanket approval for the second tranche of the stage I of the HPMP for the Congo, and the corresponding 2014 to 2016 tranche implementation plan, with the associated support costs at the funding level shown in the table below:

	<b>Project Title</b>	<b>Project Funding (US \$)</b>	<b>Support Cost (US \$)</b>	<b>Implementing Agency</b>
	HCFC phase-out management plan (stage I, second tranche)	30,000	3,900	UNEP

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