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

**PROJECT PROPOSAL: COMOROS**

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

Phase-out

- Terminal phase-out management plan (second tranche)

UNDP and UNEP

**PROJECT EVALUATION SHEET – MULTI-YEAR PROJECTS**  
**Comoros**

<b>(I) PROJECT TITLE</b>	<b>AGENCY</b>
CFC phase out plan	UNDP, UNEP

<b>(II) LATEST ARTICLE 7 DATA (ODP Tonnes)</b>					<b>Year: 2007</b>
CFC: 0.3	CTC: 0	Halons: 0	MB: 0	TCA: 0	

<b>(III) LATEST COUNTRY PROGRAMME SECTORAL DATA (ODP Tonnes)</b>										<b>Year: 2007</b>			
Substances	Aerosol	Foam	Halon	Refrigeration		Solvent	Process Agent	MDI	Lab Use	Methyl Bromide		Tobacco fluffing	Total Sector Consumption
				Manufacturing	Servicing					QPS	Non QPS		
CFC					0.3								0.3
CTC													0
Halons													0
Methyl Bromide													0
TCA													0

<b>(IV) PROJECT DATA</b>			<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>Total</b>
<b>Montreal Protocol Consumption Limits</b>		CFC	0.4	0.4	0.4	0.	
<b>Maximum Allowable Consumption (ODP Tonnes)</b>		CFC	0.4	0.4	0.4	0.	
<b>Project Costs (US\$)</b>	UNDP	Project Costs	43,000.	32,000.			75,000.
		Support Costs	3,870.	2,880.			6,750.
	UNEP	Project Costs	77,000.	53,000.			130,000.
		Support Costs	10,010.	6,890.			16,900.
<b>Total Funds Approved in Principle (US\$)</b>		Project Costs	120,000.	85,000.			205,000.
		Support Costs	13,880.	9,770.			23,650.
<b>Total Funds Released by the ExCom (US\$)</b>		Project Costs	120,000.	0.			120,000.
		Support Costs	13,880.	0.			13,880.
<b>Total Funds Requested for Current Year (US\$)</b>		Project Costs		<b>85,000.</b>			85,000.
		Support Costs		<b>9,770.</b>			9,770.

<b>(V) SECRETARIAT'S RECOMMENDATION:</b>	Blanket approval
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## **PROJECT DESCRIPTION**

1. On behalf of the Government of Comoros, UNEP as the lead implementing agency has submitted a progress report on the implementation of the first work programme of the Comoros terminal phase-out management plan (TPMP) to the 56th Meeting of the Executive Committee. UNEP has also submitted a request for funding for the second tranche of the TPMP at a total cost of US \$53,000 plus agency support cost of US \$6,890 for UNEP and US \$32,000 plus agency support cost of US \$2,880 for UNDP.

### Background

2. The TPMP for Comoros was approved by the Executive Committee at its 52nd Meeting, to completely phase out CFC consumption in the country by 2009. Total funding of US \$205,000 plus agency support costs of US \$23,650 was approved in principle by the Executive Committee. At the same meeting, the Executive Committee approved US \$120,000, plus agency support costs of US \$13,880 for the implementation of the first tranche of the TPMP.

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

3. Following the approval of the TPMP by the Executive Committee, refrigeration technicians have been trained, basic service tools have been distributed, training modules on hydrocarbon refrigerants and recovery and recycling have been developed, customs officers have been trained, suppliers for the components that would allow for local assembling recovery units have been selected and it is expected that the equipment will arrive in Comoros by the end of October 2008 and will be distributed immediately, the two associations of refrigeration technicians have received office equipment, and the Ozone Unit continued to monitor TPMP activities.

4. As of September 2008, all of the US \$120,000 approved for the first tranche has been disbursed or committed.

### Plan of action for the second tranche of the TPMP

5. The Government of Comoros commits to implementing the following activities under the second work programme of the TPMP: further training programmes for customs officers; training for additional refrigeration service technicians in good practices in refrigeration and hydrocarbon retrofitting, technical assistance to promote the availability of alternative refrigerants and phase out CFCs in the end-users sector through local assembly of recovery equipment, the provision of spare parts for retrofitting commercial and industrial refrigeration systems, and the continued introduction of drop-in refrigerants to the local market; and monitoring and verification activities.

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

### **COMMENTS**

6. The 2007 CFC consumption reported by the Government of Comoros under Article 7 of the Protocol of 0.3 ODP tonnes was already 0.1 ODP tonnes below the allowable level of consumption of 0.4 ODP tonnes for that year.

7. The request for the second tranche of the TPMP for Comoros was first submitted to the 55<sup>th</sup> Meeting of the Executive Committee. Noting that at that time several of the sub-projects approved under the RMP project were still under implementation, in particular the technical assistance programme, the Government of Comoros agreed to withdraw the request. Since then, several activities approved under the first tranche of the TPMP have been completed, including the training in use of recovery systems. The

training for local assembly of recovery machines, and distribution of those machines is expected to be completed by the end of October 2008.

8. The Secretariat also questioned the success or otherwise of the *in situ* assembly of recovery machines based on the failure of a similar activity reported in another TPMP (i.e., the relatively large size of the machine, its cost that is similar to that of a recovery unit on the market, and its low performance). UNDP reported that in the views of the Ozone Unit this approach will provide Comoros with the equipment it needs and will allow stakeholders to become acquainted with this equipment. The proposed recovery unit to be assembled will be easy to transport, will not be as expensive as units commercially available and its performance will be competitive with commercial units.

## RECOMMENDATION

9. The Fund Secretariat recommends blanket approval of the second tranche of the Terminal phase-out management plan for Comoros with 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>
(a)	Terminal phase-out management plan (second tranche)	53,000	6,890	UNEP
(a)	Terminal phase-out management plan (second tranche)	32,000	2,880	UNDP

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