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EXECUTIVE COMMITTEE OF
THE MULTILATERAL FUND FOR THE
IMPLEMENTATION OF THE MONTREAL PROTOCOL
Seventy-seventh Meeting
Montreal, 28 November - 2 December 2016

PROJECT PROPOSAL: COMOROS (THE)

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

Phase-out

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

UNEP

PROJECT EVALUATION SHEET – MULTI-YEAR PROJECTS

Comoros

(I) PROJECT TITLE	AGENCY	MEETING APPROVED	CONTROL MEASURE
HCFC phase out plan (Stage I)	UNEP (lead)	64 th	35% by 2020

(II) LATEST ARTICLE 7 DATA (Annex C Group I)	Year: 2015	0.10 (ODP tonnes)
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(III) LATEST COUNTRY PROGRAMME SECTORAL DATA (ODP tonnes)								Year: 2015	
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					0.10				0.10

(IV) CONSUMPTION DATA (ODP tonnes)			
2009 - 2010 baseline:	0.14	Starting point for sustained aggregate reductions:	0.14
CONSUMPTION ELIGIBLE FOR FUNDING (ODP tonnes)			
Already approved:	0.05	Remaining:	0.09

(V) BUSINESS PLAN		2016	2017	2018	2019	2020	Total
UNEP	ODS phase-out (ODP tonnes)	0.01		0.01		0.01	0.03
	Funding (US \$)	39,550	0	33,900	0	18,080	91,530

(VI) PROJECT DATA			2011	2013	2014	2015	2016	2017	2018	2019	2020	Total
Montreal Protocol consumption limits			n/a	0.14	0.14	0.14	0.13	0.13	0.13	0.13	0.09	n/a
Maximum allowable consumption (ODP tonnes)			n/a	0.14	0.14	0.14	0.13	0.13	0.13	0.13	0.09	n/a
Agreed funding (US\$)	UNEP	Project costs	44,000	35,000	0	0	35,000	0	30,000	0	16,000	160,000
		Support costs	5,720	4,550	0	0	4,550	0	3,900	0	2,080	20,800
Funds approved by ExCom (US\$)		Project costs	44,000	35,000	0	0	0	0	0	0	0	79,000
		Support costs	5,720	4,550	0	0	0	0	0	0	0	10,270
Total funds requested for approval at this meeting (US\$)		Project costs	0	0	0	0	35,000	0	0	0	0	35,000
		Support costs	0	0	0	0	4,550	0	0	0	0	4,550

Secretariat's recommendation:	Blanket approval
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PROJECT DESCRIPTION

1. On behalf of the Government of the Comoros, UNEP as the designated agency, has submitted to the 77th meeting a request for funding for the third tranche of stage I of the HCFC phase-out management plan (HPMP), at the amount of US \$35,000, plus agency support costs of US \$4,550¹. The submission includes a progress report on the implementation of the second tranche and the tranche implementation plan for 2017 to 2018.

Report on HCFC consumption

HCFC consumption

2. The Government of the Comoros reported a consumption of 0.10 ODP tonnes of HCFC in 2015. The 2011-2015 HCFC consumption is shown in Table 1.

Table 1. HCFC consumption in Comoros (The) (2011-2015 Article 7 data)

HCFC-22	2011	2012	2013	2014	2015	Baseline*
Metric tonnes	2.10	1.98	2.11	2.60	1.80	2.48
ODP tonnes	0.12	0.11	0.12	0.14	0.10	0.14

(*) The HCFC baseline for compliance is 0.1 ODP tonnes (based on one decimal digit).

3. HCFC-22 consumption increased in 2014 as compared with previous years due to the increased imports for the 2015 control measure and the arrival of a new importer. HCFC-22 consumption in 2015 was 0.026 ODP tonnes below the allowable consumption for that year. HCFC-22 is being used for servicing domestic refrigeration and air-conditioning and commercial refrigeration equipment. The HCFC consumption for 2014 and 2015 are within the consumption targets of the Montreal Protocol for these years, noting that the reported data converted to ODP tonnes is being used to assess compliance with the Agreement signed between the Government and the Executive Committee.

Country programme (CP) implementation report

4. The Government of the Comoros reported HCFC sector consumption data under the 2015 CP implementation report which is consistent with the data reported under Article 7 of the Montreal Protocol.

Progress report on the implementation of the second tranche of the HPMP

Legal framework

5. The import/export licensing and quota system has been established for all ODS, including HCFCs. The Government has amended the legislation to include the accelerated phase-out schedule for HCFCs.

Refrigeration servicing sector

6. The main activities implemented during the second tranche included:

- (a) Six workshops for 71 Customs and enforcement officers on control and identification of ODS and ODS-based equipment including HCFCs and HCFC-based equipment; and
- (b) Six workshops for 118 refrigeration and air-conditioning technicians on good

¹ As per the letter of 29 September 2016 from the Ministère de l'Agriculture, de la Pêche, de l'Environnement, de l'Aménagement du territoire et de l'Urbanisme of the Comoros to UNEP.

refrigeration practices, the safe handling of flammable refrigerants, and servicing of HCFC air-conditioning equipment.

Project implementation and monitoring unit (PMU)

7. The National Ozone Unit (NOU) recruited two consultants (one on refrigeration and one customs expert) to assist in monitoring the implementation of all the HPMP activities and to collect data.

Level of fund disbursement

8. As of September 2016, of the US 79,000 so far approved, US \$58,000 had been disbursed. The balance of US \$21,000 will be disbursed by December 2016 (Table 2).

Table 2. Financial report of stage I of the HPMP for Comoros (The) (US \$)

Agency	First tranche		Second tranche		Total approved	
	Approved	Disbursed	Approved	Disbursed	Approved	Disbursed
UNEP	44,000	44,000	35,000	14,000	79,000	58,000
Disbursement rate (%)	100		40		73	

Implementation plan for the third tranche of the HPMP

9. The following activities will be implemented:
- (a) Four workshops for 45 Customs and law enforcement agents on control and identification of HCFCs and HCFC-based equipment, and on illegal trade (US \$15,000);
 - (b) Five workshops for 60 refrigeration technicians on good practices in refrigeration (US \$10,000); and
 - (c) Monitoring and evaluation of HPMP and its components (US \$10,000).

SECRETARIAT’S COMMENTS AND RECOMMENDATION

COMMENTS

Progress report on the implementation of the second tranche of the HPMP

Legal framework

10. The Government of the Comoros has already issued HCFC import quotas for 2016 at 0.082 ODP tonnes.

Refrigeration servicing sector

11. The Secretariat noted the progress in the training activities. Instead of the 45 customs officers and law enforcement agents and 40 refrigeration servicing technicians to be trained under the second tranche, 71 and 118 have been trained, respectively. With regard to the long-term sustainability of the training programmes, UNEP indicated that the Government has involved all training institutes and refrigeration associations in the development and the implementation of the activities included in the HPMP. Training institutes have already integrated an Ozone module into their curricula and the main refrigeration association has developed a partnership with the training institutes. The NOU is supporting the training institutes of Ajouan to ensure the sustainability of the training programme at the end of the project.

12. Concerning the retrofitting activities to hydrocarbon (HC) refrigerants, UNEP reported that the Government is well aware of the relevant decisions of the Executive Committee². According to UNEP, there is no retrofit to HC refrigerants taking place in the Comoros. In addition, there are no regulations on HC use in the country. UNEP further clarified that neither the Government nor UNEP are promoting retrofitting of HCFC-based refrigeration and air-conditioning equipment to flammable or toxic refrigerants and associated servicing. Nevertheless, some HC-based equipment was identified in the country.

Conclusion

13. The Secretariat noted that the country's import licensing and quota system is operational; the 2015 consumption level was below the maximum allowable consumption in the Agreement with the Executive Committee; and the quota set for 2016 is already 35 per cent below the HCFC baseline consumption. The HPMP is progressing and the activities so far implemented are beyond the targets set for the second tranche, and 73 per cent of the funds approved so far have been disbursed. The activities already implemented and those planned under the third tranche will further strengthen the servicing sector and ensure the long term sustainability of the activities.

RECOMMENDATION

14. The Fund Secretariat recommends that the Executive Committee takes note of the progress report on the implementation of the second tranche of stage I of the HCFC phase-out management plan (HPMP) in the Comoros, and further recommends blanket approval of the third tranche of stage I of the HPMP for the Comoros, and the corresponding 2017-2018 tranche implementation plan, with associated support costs at the funding level shown in the table below, on the understanding that if the Government of Comoros were to decide to proceed with retrofits and associated servicing to flammable and toxic refrigerants in refrigeration and air-conditioning equipment originally designed for non-flammable substances, it would do so assuming all associated responsibilities and risks and only in accordance with the relevant standards and protocols:

	Project Title	Project Funding (US \$)	Support Cost (US \$)	Implementing Agency
(a)	HCFC phase-out management plan (stage I, third tranche)	35,000	4,550	UNEP

² Decisions 72/17 and 73/34.