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EXECUTIVE COMMITTEE OF
THE MULTILATERAL FUND FOR THE
IMPLEMENTATION OF THE MONTREAL PROTOCOL
Eighty-second Meeting
Montreal, 3-7 December 2018

PROJECT PROPOSAL: GAMBIA (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, fourth tranche) UNEP and UNIDO

PROJECT EVALUATION SHEET – MULTI-YEAR PROJECTS

Gambia (the)

(I) PROJECT TITLE	AGENCY	MEETING APPROVED	CONTROL MEASURE
HCFC phase out plan (Stage I)	UNEP (lead), UNIDO	65th	35% by 2020

(II) LATEST ARTICLE 7 DATA (Annex C Group I)	Year: 2017	0.44 (ODP tonnes)
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(III) LATEST COUNTRY PROGRAMME SECTORAL DATA (ODP tonnes)								Year: 2017	
Chemical	Aerosol	Foam	Fire fighting	Refrigeration		Solvent	Process agent	Lab use	Total sector consumption
				Manufacturing	Servicing				
HCFC-123									
HCFC-124									
HCFC-141b									
HCFC-141b in Imported Pre-blended Polyol									
HCFC-142b									
HCFC-22					0.44				0.44

(IV) CONSUMPTION DATA (ODP tonnes)			
2009 - 2010 baseline:	1.5	Starting point for sustained aggregate reductions:	1.5
CONSUMPTION ELIGIBLE FOR FUNDING (ODP tonnes)			
Already approved:	0.52	Remaining:	0.98

(V) BUSINESS PLAN		2018	2019	2020	Total
UNEP	ODS phase-out (ODP tonnes)	0.1		0.1	0.1
	Funding (US \$)	23,730		23,730	47,460

(VI) PROJECT DATA		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total	
Montreal Protocol consumption limits		n/a	n/a	1.5	1.5	1.35	1.35	1.35	1.35	1.35	0.98	n/a	
Maximum allowable consumption (ODP tonnes)		n/a	n/a	1.5	1.5	1.35	1.35	1.35	1.35	1.35	0.98	n/a	
Agreed funding (US\$)	UNEP	Project costs	25,000	0	23,000		20,000		21,000		21,000	110,000	
		Support costs	3,250	0	2,990		2,600		2,730		2,730	14,300	
	UNIDO	Project costs	50,000	0			50,000						100,000
		Support costs	4,500	0			4,500						9,000
Funds approved by ExCom (US\$)	Project costs	75,000	0	23,000	0	0	70,000	0		0.0	0.00	168,000	
	Support costs	7,750	0	2,990	0	0	7,100	0		0.0	0.00	17,840	
Total funds requested for approval at this meeting (US\$)	Project costs								21,000			21,000	
	Support costs								2,730			2,730	

Secretariat's recommendation:	Blanket approval
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PROJECT DESCRIPTION

1. On behalf of the Government of the Gambia, UNEP as the lead implementing agency, has submitted a request for funding for the fourth tranche of stage I of the HCFC phase-out management plan (HPMP), at the amount of US \$21,000, plus agency support costs of US \$2,730 for UNEP only.¹ The submission includes a progress report on the implementation of the third tranche, and the tranche implementation plan for 2018 to 2020.

Report on HCFC consumption

2. The Government of the Gambia reported a consumption of 0.44 ODP tonnes of HCFC-22 in 2017, which is 70.7 per cent below the HCFC baseline for compliance. The 2013-2017 HCFC consumption is shown in Table 1.

Table 1. HCFC consumption in the Gambia (2013-2017 Article 7 data)

HCFC-22	2013	2014	2015	2016	2017	Baseline
Metric tonnes	15.70	14.00	13.70	9.08	8.00	27.3
ODP tonnes	0.86	0.77	0.75	0.50	0.44	1.5

3. Consumption has been decreasing gradually since 2013 due to the implementation of the licensing and quota system, the closure of major fish processing factories in three areas due to financial difficulties (as it was reported in the previous funding tranche²); and implementation of training of technicians, resulting in the introduction of good servicing practices.

Country programme (CP) implementation report

4. The Government of the Gambia reported HCFC sector consumption data under the 2017 CP implementation report, which is consistent with the 2017 data reported under Article 7 of the Montreal Protocol.

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

Capacity building programme

5. The Government of the Gambia continued to monitor the issuance of quotas to registered importers of HCFC-22 and HCFC-based equipment; completed three training workshops for 40 customs and law enforcement officers on identification of ODS and ODS-based equipment, and enforcement of ODS policies and regulations; implemented the new curricula for the customs school; monitored illegal trade of refrigerants; and conducted demonstration on the use of refrigerant identifiers.

Refrigeration servicing sector

6. Fifty technicians in the refrigeration and air-conditioning (RAC) servicing sector were trained on good refrigeration practices, including demonstration on refrigerant recovery and conversion to HCFCs alternatives, training of technicians to enhance servicing skills and equipment performance and efficiency, the use of low-global warming potential (GWP) refrigerants, and promotion of energy efficiency; two training workshops were organized for technicians to learn refrigerant safety, flammability and technologies such as CO₂ and hydrocarbons (HC); two HCFC-based air-conditioners were replaced with R-290-based equipment, which is already available on the market; four meetings were held with refrigeration

¹ As per the letter of 24 September 2018 from the National Environment Agency of the Gambia to the Secretariat.

² UNEP/OzL.Pro/ExCom/77/46

associations to discuss the safe use of flammable refrigerants and how to introduce safety standards in the use of such alternatives; and how best to manage a training centre for RAC technicians.

Project implementation and monitoring unit (PMU)

7. The National Ozone Unit (NOU)³ is responsible for monitoring HPMP activities, including HCFC consumption data, and inspection of major entry points of goods to check compliance with the quotas allocated in cooperation with the Customs department.

Level of fund disbursement

8. As of September 2018, of the US \$168,000 so far approved, US \$144,102 had been disbursed (US \$63,000 for UNEP and US \$81,102 for UNIDO) as shown in Table 2. The balance of US \$23,898 will be disbursed by mid-2019.

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

Agency	First tranche		Second tranche		Third tranche		Total	
	Approved	Disbursed	Approved	Disbursed	Approved	Disbursed	Approved	Disbursed
UNEP	25,000	25,000	23,000	23,000	20,000	15,000	68,000	63,000
UNIDO	50,000	50,000	0	0	50,000	31,102	100,000	81,102
Total	75,000	75,000	23,000	23,000	70,000	46,102	168,000	144,102
Disbursement rate (%)	100.0		100.0		65.9		85.8	

Implementation plan for the fourth tranche of the HPMP

9. The following activities will be implemented between December 2018 and December 2020:
- Training of 30 customs and enforcement officers on knowledge and skills to identify HCFCs and HCFC-based equipment; capacity building for enforcement of ODS-related legislation and regulations; and awareness raising on the officers' role in enforcement (UNEP) (US \$7,000);
 - Training of 40 RAC technicians on good refrigeration servicing practices, including refrigerant recovery, recycling and reclaim, and on equipment performance and efficiency. Two workshops with the RAC association on the use of flammable and CO₂ refrigerants, including installation and servicing of equipment in order to encourage the use of low- and zero-GWP alternatives of HCFCs, and energy efficiency (UNEP) (US \$10,000);
 - Four training workshops for 24 technicians on installation and maintenance of air-conditioning systems operating with flammable refrigerants; and procurement of additional tools (e.g., manifold gauges, precision scales, tool boxes, and leak detectors) for three regional centres; (UNIDO) (funds from the previous tranche); and
 - Recruitment of one consultant to assist the NOU in monitoring the implementation of the HPMP, including field visits to refrigeration service workshops, and inspections at customs ports of entry, which are equipped with refrigerant identifiers to monitor cross border trade of refrigerants (UNEP) (US \$4,000).

³ The NOU is based in the Gambia National Environment Agency (NEA), which is under the Ministry of Environment, Parks and Wildlife. It is supported by the National Committee on Ozone Depleting Substances (NACODS), which advises the NOU on HCFC phase-out.

SECRETARIAT'S COMMENTS AND RECOMMENDATION

COMMENTS

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

Legal framework

10. The Government of the Gambia has issued an HCFC-22 import quota of 0.6 ODP tonnes for 2018, which is below the Montreal Protocol control targets. The Government reported that the ban of HCFC-22-based equipment would be enforced effective 1 January 2020.

11. A National Climate Change policy has been drafted, which among other provisions, would assist in the phase-out of high GWP refrigerants. A cabinet paper on the ratification of the Kigali Amendment had also been completed.

Refrigeration servicing sector

12. To strengthen the service skills of technicians and ensure the long-term sustainability of the training programmes, the Government of the Gambia has established strong links with vocational training centres and the RAC association. In addition, the Government is promoting the introduction of low and zero-GWP alternative technologies in the RAC sector. Currently, 200 R-290-based air-conditioning units have been purchased, and some of them will be delivered to different institutions in partnership with the Gambia Technical Training Institute. Additional units will be purchased and will be distributed to three regional centres in the country.

13. As it was reported when the third tranche was submitted,⁴ HCFC-based equipment is not being retrofitted to flammable refrigerants.

Conclusion

14. The Secretariat noted that the import licensing and quota system is operational, and HCFC-22 consumption has been decreasing, with the consumption of 0.44 ODP tonnes in 2017 much lower than the allowable consumption of 1.35 ODP tonnes for that year. The Government has committed to enforce from 1 January 2020 the ban on the import of HCFC-22-based equipment, and is promoting the introduction of low and zero-GWP alternative technologies in the RAC sector. The activities in the servicing sector are progressing, and close cooperation has been established with vocational training centres and the refrigeration association in order to strengthen their activities and ensure sustainability of training activities in the country well into the future. The Government has also initiated the process for the ratification of the Kigali Amendment.

RECOMMENDATION

15. The Fund Secretariat recommends that the Executive Committee takes note of the progress report on the implementation of the third tranche of stage I of the HCFC phase-out management plan of (HPMP) for the Gambia; and further recommends blanket approval of the fourth tranche of stage I of the HPMP for the Gambia, and the corresponding 2018-2020 tranche implementation plan, at the funding level shown in the table below:

	Project title	Project funding (US \$)	Support cost (US \$)	Implementing agency
(a)	HCFC phase-out management plan (stage I, fourth tranche)	21,000	2,730	UNEP

⁴ UNEP/OzL.Pro/ExCom/77/46