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| **UNITED NATIONS** | | **EP** |
| UNEP | **United Nations**  **Environment**  **Programme** | Distr.  GENERAL  UNEP/OzL.Pro/ExCom/79/33  31 May 2017  ORIGINAL: ENGLISH |

EXECUTIVE COMMITTEE OF  
 THE MULTILATERAL FUND FOR THE  
 IMPLEMENTATION OF THE MONTREAL PROTOCOL  
Seventy-ninth Meeting

Bangkok, 3-7 July 2017

**PROJECT PROPOSAL: GABON**

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

Phase-out

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| • HCFC phase-out management plan (stage I, third tranche) | UN Environment and UNIDO |

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

**Gabon**

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| **(I) PROJECT TITLE** | **AGENCY** | **MEETING APPROVED** | **CONTROL MEASURE** |
| HCFC phase-out plan (Stage I) | UN Environment (lead), UNIDO | 62nd | 35% by 2020 |

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| **(II) LATEST ARTICLE 7 DATA (Annex C Group l)** | Year: 2016 | 20.9 (ODP tonnes) |

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| **(III) LATEST COUNTRY PROGRAMME SECTORAL DATA (ODP tonnes)** | | | | | | | | **Year: 2016** | |
| Chemical | Aerosol | Foam | Fire fighting | Refrigeration | | Solvent | Process agent | Lab use | Total sector consumption |
|  | | | | Manufacturing | Servicing |  | | | |
| HCFC-123 |  |  |  | 0.0 | 0.0 |  |  |  | 0.0 |
| HCFC-124 |  |  |  | 0.0 | 0.0 |  |  |  | 0.0 |
| HCFC-141b |  |  |  | 0.0 | 0.0 |  |  |  | 0.0 |
| HCFC-142b |  |  |  | 0.0 | 0.0 |  |  |  | 0.0 |
| HCFC-22 |  |  |  | 0.0 | 20.9 |  |  |  | 20.9 |

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| **(IV) CONSUMPTION DATA (ODP tonnes)** | | | |
| 2009 - 2010 baseline: | 30.2 | Starting point for sustained aggregate reductions: | 30.2 |
| **CONSUMPTION ELIGIBLE FOR FUNDING (ODP tonnes)** | | | |
| Already approved: | 10.57 | Remaining: | 19.63 |

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| **(V) BUSINESS PLAN** | | **2017** | **2018** | **Total** |
| UN Environment | ODS phase-out (ODP tonnes) | 0.98 | 0.98 | 1.96 |
| Funding (US $) | 56,613 | 56,500 | 113,113 |
| UNIDO | ODS phase-out (ODP tonnes) | 2.35 | 0.00 | 2.35 |
| Funding (US $) | 130,691 | 0.00 | 130,691 |

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| **(VI) PROJECT DATA** | | | **2010** | **2011-2012** | **2013** | **2014** | **2015** | **2016** | **2017** | **2018** | **2019** | **2020** | **Total** |
| Montreal Protocol consumption limits | | | n/a | n/a | 30.2 | 30.2 | 27.18 | 27.18 | 27.18 | 27.18 | 27.18 | 19.63 | n/a |
| Maximum allowable consumption (ODP tonnes) | | | n/a | n/a | 30.2 | 30.2 | 27.18 | 27.18 | 27.18 | 27.18 | 27.18 | 19.63 | n/a |
| Agreed funding (US$) | UN Environment | Project costs | 90,000 | 0 | 46,000 | 0 | 0 | 50,100 | 0 | 50,000 | 0.0 | 54,000 | 290,100 |
| Support costs | 11,700 | 0 | 5,980 | 0 | 0 | 6,513 | 0 | 6,500 | 0.0 | 7,020 | 37,713 |
| UNIDO | Project costs | 130,000 | 0 | 0 | 0 | 0 | 119,900 | 0 | 0.0 | 0.0 | 0 | 249,900 |
| Support costs | 11,700 | 0 | 0 | 0 | 0 | 10,791 | 0 | 0.0 | 0.0 | 0 | 22,491 |
| Funds approved by ExCom (US$) | | Project costs | 220,000 | 0 | 46,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 266,000 |
| Support costs | 23,400 | 0 | 5,980 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29,380 |
| Total funds requested for approval at this meeting (US$) | | Project costs | 0 | 0 | 0 | 0 | 0 | 0 | **170,000\*** | 0 | 0 | 0 | **170,000** |
| Support costs | 0 | 0 | 0 | 0 | 0 | 0 | **17,304\*** | 0 | 0 | 0 | **17,304** |

\*The third tranche was due for submission in 2016

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| **Secretariat's recommendation:** | Blanket approval |

**PROJECT DESCRIPTION**

# On behalf of the Government of Gabon, the United Nations Environment Programme (UN Environment) as the lead implementing agency, has submitted to the 79thmeeting a request for funding for the third tranche of stage I of the HCFC phase-out management plan (HPMP), at a total cost of US $187,304, consisting of US $50,100, plus agency support costs of US $6,513 for UN Environment, and US $119,900, plus agency support costs of US $10,791 for UNIDO.[[1]](#footnote-1) The submission includes a progress report on the implementation of the second tranche and the tranche implementation plan for 2017 to 2019.

Report on HCFC consumption

*HCFC consumption*

# The Government of Gabon reported a consumption of 20.90 ODP tonnes of HCFC in 2016, which is over 30 per cent below the HCFC baseline for compliance and 23 per cent below the maximum allowable consumption in the Agreement with the Executive Committee for 2016. The 2012-2016 HCFC consumption is shown in Table 1.

**Table 1. HCFC consumption in Gabon (2012-2015 Article 7 data)**

| **HCFC-22** | **2012** | **2013** | **2014** | **2015** | **2016** | **Baseline** |
| --- | --- | --- | --- | --- | --- | --- |
| Metric tonnes | 550.00 | 520.00 | 480.00 | 350.00 | 380.00 | 549.00 |
| ODP tonnes | 30.25 | 28.60 | 26.40 | 19.25 | 20.90 | 30.20 |

# The technicians’ training on good practices has contributed to the overall reduction in HCFC consumption since the technicians use less new refrigerants resulting in lower imports of HCFC-22. The increase in consumption in 2016 is attributed to a request from one main importer, which was accepted by the National Committee because it was well within the country’s maximum allowable consumption for the year (i.e., 27.18 ODP tonnes).

# *Country programme (CP) implementation report*

# The Government of Gabon reported HCFC sector consumption data under the 2016 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*

# The Ozone Committee continues to be responsible for establishing and distributing the annual HCFC import quota. Both the issuance of the authorization for HCFC import and its release by the Customs require a clearance from the National Ozone Unit (NOU).

# The Government of Gabon continues to implement regulations on the control of import and distribution of HCFCs in the country; the quota system for HCFCs and HCFC-based equipment has been in place since 2013; 104 customs officers were trained on the identification and control of HCFCs and HCFC-based equipment; and 25 customs and enforcement officers were trained on national and sub regional legislation on ozone depleting substances (ODS) control including procedures for the implementation of annual import quotas.

# *Refrigeration servicing sector*

# Two hundred refrigeration and air-conditioning technicians were trained on good refrigeration servicing practices, including safe handling of hydrocarbon (HC) refrigerants. Equipment was provided to the training centre including 20 sets of portable recovery units, and ancillary equipment (e.g., manifolds, portable leak detectors, digital clam meters, scales and thermometers, piercing pliers, tube cutters); 10 sets of refrigerant identifiers and tool sets; and 30 vacuum pumps. The beneficiary training centre was selected (Centre de Formation et de Perfectionnement Professionnels Basile ONDIMBA), and one training workshop for trainers was conducted on the use of the equipment.

*Project implementation and monitoring unit (PMU)*

# The NOU is responsible for coordinating the implementation of ODS phase-out activities on behalf of the Ministry of Environment. The NOU recruited two consultants (refrigeration and customs), to assist in monitoring the implementation of the HPMP activities and in collecting accurate data.

# Level of fund disbursement

# As of May 2017, of the US $266,000 so far approved, US $224,003 had been disbursed (US $136,000 for UN Environment and US $88,003 for UNIDO) as shown in Table 2. The balance of US $41,997 will be disbursed by the end of 2017.

**Table 2. Financial report of stage I of the HPMP for Gabon (US $)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Agency** | **First tranche** | | **Second tranche** | | **Total** | |
| **Approved** | **Disbursed** | **Approved** | **Disbursed** | **Approved** | **Disbursed** |
| UN Environment | 90,000 | 90,000 | 46,000 | 46,000 | 136,000 | 136,000 |
| UNIDO | 130,000 | 88,003 | 0 | 0 | 130,000 | 88,003 |
| **Total** | **220,000** | **178,003** | **46,000** | **46,000** | **266,000** | **224,003** |
| **Disbursement rate (%)** | 80.9 | | 100 | | 84.2 | |

Implementation plan for the third tranche of the HPMP

# The following activities will be implemented between July 2017 to December 2019:

## Train 100 customs and enforcement officers through four workshops on implementation of the quota system, identification and control of HCFCs and HCFC‑based equipment, and control of illegal trade (UN Environment) (US $20,000);

## Train 150 technicians on recovery and recycling techniques, safe handling of HCs and the certification of refrigeration technicians to promote good practices and reduce leakages or venting during servicing practices (UN Environment) (US $25,000);

## Provide 15 sets of tools (i.e., manifold gauges, precision scales, tool boxes, leak detectors, portable recovery machines, multi-function recovery, recycling, re-charging equipment, portable charging stations, and advanced portable refrigerant identifiers); 10 sets of two-stage rotary vacuum pumps, nitrogen cylinders, oil testing kits, and service tool boxes); and one UV leak detection equipment to support strengthening the training centre and the Association of Refrigeration Technicians (UNIDO) (US $105,000);

## Conduct one training workshop on the use of the equipment that will be provided to the training centre (UNIDO) (US $14,900); and

## Monitoring and evaluation of the HPMP (UN Environment) (US $5,100).

**SECRETARIAT’S COMMENTS AND RECOMMENDATION**

**COMMENTS**

Report on HCFC consumption

# UN Environment indicated that no HCFC-22 alternatives are available in the market but some HFCs and HFC-based equipment are being imported. At this time, the country does not have a specific national policy to promote the use of more climate-friendly alternatives to HCFCs. Nevertheless, importers and refrigeration technicians are encouraged to use low-global warming potential alternatives when possible.

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

# The Secretariat noted that the submission of the third tranche originally proposed to be submitted in 2016 was deferred due to delays in signing the Agreement between the Government and UN Environment, and institutional changes in the NOU. Despite the delay, activities were implemented resulting in reductions in HCFCs below the allowable level of consumption.

*Legal framework*

# The Government of Gabon has already issued HCFC import quotas for 2017 and 2018 at 18.7 ODP tonnes and 17.6 ODP tonnes respectively, lower than the Montreal Protocol targets for those years.

*Refrigeration servicing sector*

# UN Environment advised that to date, there is no HC-based air-conditioning equipment available in the country; most air-conditioning equipment are either imported HFC or HCFC‑22‑based equipment.

Conclusion

# The Secretariat noted that the 2016 HCFC consumption in Gabon was already 30 per cent below the HCFC baseline for compliance and 23 per cent below the maximum allowable consumption in its revised Agreement for stage I of the HPMP, and that the country’s import licensing and quota system is fully operational. Despite the slight delay in submitting the request for the third tranche, the country has fully implemented the training programme for the customs and enforcement officers and refrigeration technicians and students, and provided sets of equipment to the training centre which resulted in more streamlined training courses for technicians. The additional activities proposed in the third tranche, including the training of technicians, customs and enforcement officers, the purchase of additional equipment for the training centre will further strengthen the servicing sector. The training centre will continue training service technicians, thereby ensuring long-term sustainability of the training programme.

**RECOMMENDATION**

# 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) for Gabon; and further recommends blanket approval of the third tranche of the HPMP for Gabon, and the corresponding 2017 – 2019 tranche implementation plan, at the funding level shown in the table below.

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| --- | --- | --- | --- | --- |
|  | **Project title** | **Project funding (US $)** | **Support cost (US $)** | **Implementing agency** |
| (a) | HCFC phase-out management plan (stage I, third tranche) | 50,100 | 6,513 | UN Environment |
| (b) | HCFC phase-out management plan (stage I, third tranche) | 119,900 | 10,791 | UNIDO |

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1. As per the letter of 20 February 2017 from the Ministry of Forestry, Fisheries and Environment, of the Republic of Gabon to the Secretariat. [↑](#footnote-ref-1)