



**United Nations
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Programme**



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EXECUTIVE COMMITTEE OF
THE MULTILATERAL FUND FOR THE
IMPLEMENTATION OF THE MONTREAL PROTOCOL
Twenty-sixth Meeting
Cairo, 11-13 November 1998

COUNTRY PROGRAMME: DOMINICA

This document consists of:

- Country Programme Evaluation Sheet (prepared by the Fund Secretariat)
- Comments and Recommendations of the Fund Secretariat
- Transmittal Letter from the Government of Dominica
- Country Programme Cover Sheet
- Country Programme (Executive Summary)

DOMINICA COUNTRY PROGRAMME EVALUATION SHEET

National Ozone Office, Sustainable Development Council

Status of ratification of the Vienna Convention and the Montreal Protocol

	Signature	Ratification	Entry into force
Vienna Convention (1985)		31-Mar-93	29-Jun-93
Montreal Protocol (1987)		31-Mar-93	29-Jun-93
London Amendment (1990)		31-Mar-93	29-Jun-93
Copenhagen Amendment (1992)			

Production of controlled substances: No controlled substances produced

Consumption of controlled substances (1997) 1.6 metric tonnes
1.4 weighted tonnes (ODP)

(tonnes)	CFC-11	CFC-12	CFC-113	CFC-114	CFC-115	TOTAL	Halon1211	Halon1301	TOTAL	CTC	MCF	TOTAL	Me-Br
ODS	0.1	1.2			0.3	1.6							
ODP	0.1	1.2			0.2	1.5							

Distribution of ODP by substance: CFC 104.9% Halon CTC and MCF

Distribution of ODP by sector: Aerosol Foam Halon Refrigeration Solvent Other

Consumption (ODP tonnes): 0.0 0.0 0.0 1.4 0.0 0.0

Percent of total: 100.0%

Country Programme

Duration of country programme: 12 years (1998-2010)

ODS phase out target: Complete phase out by 2005

Phase out priority area: Refrigeration servicing sector

Cost of activities in country programme: \$78,600

Strategy:

The Government is committed to phasing out the consumption of ODS in a controlled and cost-effective manner. The Government strategy includes development of legislation where necessary and implementation of appropriate ODS control measures, public awareness campaigns and training activities in the refrigeration servicing sector. Monitoring capacity will be improved to ensure effective monitoring of the legal and technical provisions provided for under the Montreal Protocol.

COMMENTS AND RECOMMENDATIONS OF THE FUND SECRETARIAT

COMMENTS

1. The Country Programme conforms to the format of the approved guidelines. The total ODS consumption in the country is estimated at 1.4 ODP tonnes used for servicing refrigeration equipment and MAC units.
2. Servicing of refrigeration and air conditioning equipment is undertaken by eleven service companies. In most cases, these companies provide refrigerants as part of the service. Some import refrigerants for their own consumption, others buy locally from importers. Six of these companies also service MAC units. One company has a recovery and recycling unit.
3. The Government of Dominica has prepared a Refrigerant Management Plan with assistance from UNEP and is requesting financial assistance for its implementation. Description of the project together with the Fund Secretariat's comments and recommendations were submitted for consideration at the 26th Meeting of the Executive Committee under document UNEP/OzL.Pro/ExCom/26/20.
4. The country programme also includes a project for the establishment of an Ozone Unit within the Ministry of Planning and Implementation (institutional strengthening) at a cost of US \$30,000. The Fund Secretariat's Comments and Recommendations on this request are presented under UNEP work programme amendments (UNEP/OzL.Pro/ExCom/26/20).

RECOMMENDATIONS

The Fund Secretariat recommends as follows:

1. To approve the Dominica Country Programme. Approval of the Country Programme does not denote approval of the projects identified therein or their funding levels.
2. To request the Government of Dominica to present annually information to the Executive Committee on progress being made in the implementation of the country programme, in accordance with the decision of the Executive Committee on implementation of country programmes (UNEP/OzL.Pro/ExCom/10/40, para 135). Using the approved format, the initial report, covering the period 15 November 1998 to 31 December 1999, should be submitted to the Fund Secretariat no later than 1 May 2000.

UNEP INDUSTRY & ENVT

TEL: 330144371474

9.OCT.98 19:43 No.023 P.07



**MINISTRY OF AGRICULTURE
AND THE ENVIRONMENT**

Tel. 767-418-2401 (Ext. 3282, 3272)
Fax. 767-418-7999

Government Headquarters
Roseau
Commonwealth of Dominica

September 2, 1998

The Chief Officer
Secretariat of the Multilateral Fund for
the Implementation of the Montreal Protocol
1800 McGill College Avenue
27th Floor
Montreal
CANADA H3A 3J6

Dear Sir,

I have the honour to submit herewith the Country Programme and Refrigerant Management Plan of the Commonwealth of Dominica for the consideration and approval of the Multilateral Fund for the Implementation of the Montreal Protocol

Dominica adhered to the Protocol on the 31st of March, 1993 and became a Party in June, 1998. It is classified as operating under paragraph 1 of Article 5 of the Protocol.

I would like to place on record the appreciation of the Government of Dominica of the assistance extended to it through the UNEP IE OzonAction Programme for the preparation of the Country Programme and Refrigerant Management Plan which started during May, 1998. I am pleased to say that the Government is committed to the implementation of actions contained in the Country Programme with every effort being made to achieve total phase-out by 2005.

I further assert that it is the Government's intention to monitor compliance with the Protocol. If necessary, further and different actions from those specified in the Country Programme will be updated and submitted to the Executive Committee of the Multilateral Fund.

UNEP INDUSTRY & ENVT

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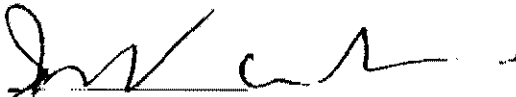
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We hope that the Executive Committee will approve the request for assistance made in respect of the following actions:

- (a) Institutional Strengthening
- (b) Refrigerant Management Plan

Please accept, Sir, the assurance of my highest consideration.

Yours sincerely,



PETER CARBON
MINISTER FOR AGRICULTURE
AND THE ENVIRONMENT

COUNTRY PROGRAMME COVER SHEET

COUNTRY

Commonwealth of Dominica

DATE RECEIVED

LEAD NATIONAL AGENCY

Sustainable Development Council
MINISTRY OF AGRICULTURE AND ENVIRONMENT

**PERIOD COVERED BY
COUNTRY PROGRAMME**

1998 – 2010

1. PHASE OUT SCHEDULE

Substance	1997 Consumption in ODP Tonnes	Planned Total Cons. until phase-out (Tonnes x ODP)	Planned year of Phase-out
CFC-11	0.10	0.30	2000
CFC-12	1.20	5.96	2005
CFC-115 (contained in R502)	0.10	0.50	2005
Total	1.40	6.76	

2. ACTION PLAN OF DOMINICA

In order to implement its phase out strategy, the Government has developed an Action Plan as follows: (Since 100% of ODS consumption is in the Refrigeration and air-conditioning sector, this action plan matches the one drawn up within the Refrigerant Management Plan)

- ♦ Establish the National Ozone Office within the Sustainable Development Council as the focal point for all activities related to the Montreal Protocol. - 1999
- ♦ Develop and implement control measures such as:
 - Restrict imports of ODS using equipment - 1999
 - Prohibit new enterprises producing and/or assembling equipment, foams, or aerosols using ODS - 1999
 - Certification of technicians – 1999 - 2000
 - Establish Consumption or “Environment” Tax on ODS - 1999
 - Establish import quotas and licenses - 1999
 - Prohibit investments in building new plants using ODS - 1999
 - Prohibit expansion of existing industry requiring use of ODS technology - 1999
 - Reduce import tariffs on equipment and materials for implementation of ODS phase out projects - 1999
 - Reduce import tariffs on equipment using ODS free technology - 1999
- ♦ Establish a monitoring system for ODS imports and consumption - 1999
- ♦ Embark on a public awareness programme - 1999
- ♦ Implement and monitor the following components of the Refrigerant Management Plan with assistance from the Multilateral Fund and implementing agencies/bilateral donors:
 - Training of Trainers in Good Refrigerant Management Practices - 1999

- Train Customs Division, Statistics Division and NOO in monitoring and collection of data to meet the reporting requirements of the Protocol - 1999

3. PROJECTS

A summary of the projects identified so far, and detailed in Annex 1 and 2 are given below:

Name of Project		Date	Estimated Cost (US\$)	Amount Requested from Fund (US\$)	ODS Consumed (ODP Tonnes)
Institutional Strengthening		1999 - 2001	43,600	30,000	N/A
Refrigerant Management Plan	Technician Training	1999	20,000	20,000	CFC-11 - 0.10 CFC-12 - 1.20 CFC-115 - 0.10
	Customs Training	1999	15,000	15,000	
TOTAL			78,600	65,000	

Consumption of HCFC-22: 0.11 ODP Tonnes

4. COSTS

ODP to be phased out	1.40 ODP tonnes
Total Cost of phase-out	US\$ 78,600
Cost of projects being submitted with this Country Programme	US\$ 65,000
Cost effectiveness	US\$ 56.14/kg

EXECUTIVE SUMMARY

The Government of the Commonwealth of Dominica signed the Vienna Convention, the Montreal Protocol on Substances that Deplete the Ozone Layer and the London Amendment on March 31, 1993 and qualifies as an Article 5 country. In order to comply with the provisions of the Protocol, as a first step, the Government of Dominica has carried out a national survey and formulated its Country Programme cum Refrigerant Management Plan with the assistance of UNEP and funding assistance from the Multilateral Fund.

The Country Programme provides data on consumption and use of ODS in Dominica and expresses the commitment of the Government to an early phase out of consumption of ODS. An Action Plan has been defined, and steps will be taken to implement some or all of the action items, after scrutiny, to ensure a smooth phase out without causing undue economic hardship to the industrial, commercial and, in particular, the domestic consumers.

Dominica does not produce any ODS and all its requirements are met through imports. The total 1997 ODS consumption amounted to 1.40 ODP Tonnes, resulting in a consumption of 0.018 kg/capita.

The total consumption of ODS is in the Refrigeration and Air Conditioning sector.

The Government of Dominica is committed to phasing out the consumption of ODS in a controlled and cost effective manner. It will take the steps outlined in the Action Plan to meet the freeze and an earlier phase out schedule than that required by the Protocol. The Government is concerned about availability of a supply of ODS to meet the service requirements of existing ODS based equipment to enable them operate to the end of their economic life. It is expected that by 2005, most equipment will have been retrofitted or replaced with ODS free technology, with some CFC-12 based refrigeration equipment remaining. It will strongly encourage recovery and recycling to meet this requirement. Market forces such as increasing prices, non-availability of ODS and ODS using equipment, combined with easier availability of non ODS using equipment will play a vital role in the shift by consumers to ODS free technology, particularly in the commercial and industrial sector.

The government will establish the National Ozone Office (NOO) under the Ministry of Agriculture and Environment, and it will operate out of the Sustainable Development Council (SDC). An institutional strengthening project is submitted for the formation of the National Ozone Office. The NOO will be constituted within SDC to act as the focal point, and coordinate and monitor activities towards a complete phase out of ODS. An Ozone Depleting Sub-Committee of the SDC has been formed and its mandate is:

- To formulate and implement the Country Programme under the Montreal Protocol
- To establish relationships with the Montreal Protocol Secretariat
- To report periodically to the Montreal Protocol Secretariat
- To initiate and co-ordinate activities under the Montreal Protocol.
- To address the social, economic and environmental implications of the Protocol.

A total of US\$ 65,000 is being requested from the Multilateral Fund to implement the projects of Institutional Strengthening, Technician Training and Customs Training. The first phase of both training projects will be carried out by sending four trainers to similar trainings in Antigua and Barbuda at a reduced cost. These technicians will be in charge of providing local training. Such Regional Cooperation will be encouraged to facilitate ODS phase out in very low volume consuming countries.