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Executive Committee of
the Multilateral Fund for the
Implementation of the Montreal Protocol

Twenty-first Meeting
Montreal, 18-20 February 1997

COUNTRY PROGRAMME: ST. KITTS AND NEVIS

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 St. Kitts and Nevis
- Country Programme Cover Sheet
- Country Programme (Executive Summary)

SAINT KITTS AND NEVIS COUNTRY PROGRAMME EVALUATION SHEET

Ozone Focal Point, Ministry of Tourism, Culture and the Environment

Status of ratification of the Vienna Convention and the Montreal Protocol

	Signature	Ratification	Entry into force
Vienna Convention (1985)		10/Aug/92	08/Nov/92
Montreal Protocol (1987)		10/Aug/92	08/Nov/92
London Amendment (1990)			
Copenhagen Amendment (1992)		19/May/94	17/Aug/94

Production of controlled substances: No controlled substances produced

Consumption of controlled substances (1995) 6.0 metric tonnes
5.0 weighted tonnes (ODP)

(tonnes)	CFC-11	CFC-12	CFC-113	CFC-114	CFC-115	TOTAL	Halon1211	Halon1301	TOTAL	CTC	MCF	TOTAL	Me-Br
ODS		3.5			2.5	6.0							
ODP		3.5			1.5	5.0							

Distribution of ODP by substance: CFC 100.0% Halon CTC and MCF

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

Consumption (ODP tonnes): 5.0

Percent of total: 100.0%

Country Programme

Duration of country programme: 8 years (1997-2005)

ODS phase out target: Complete phase out by 2005

Phase out priority area: Refrigeration sector

Cost of activities in country programme: \$114,300

Strategy:

The strategy proposed by the Government will be guided towards the ODS consumption in the refrigeration sector. The objectives of the strategy are: to minimize ODS consumption mainly by training of refrigeration technicians in proper methods of servicing and maintaining of refrigeration equipment and in the use of recovery and recycling techniques; informing the local consumers of the commitment of the country to phasing out ODS, taking appropriate fiscal and regulatory measures in meeting the phase out objectives; facilitating the transition to non-ODS alternatives; introducing a user licensing scheme in which it will make it mandatory for organizations to possess a retailers license in order to purchase CFCs; avoiding future dependence on outdated technology; and preventing dumping of ODS technology.

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 5 tonnes, mainly CFC-12 and CFC-115 exclusively used for servicing domestic refrigerators and freezers, commercial refrigerators and mobile air conditioners.
2. A stand-alone project proposal related to the development of a refrigeration management plan is included in the Country Programme. The Government will submit a separate project proposal for this activity at a later date.
3. The country programme includes a project for the establishment of an Ozone Focal Point within the Ministry of Tourism, Culture and the Environment (institutional strengthening). The Government is requesting financial support for the implementation of this project totaling US \$30,000.
4. The institutional strengthening project has been developed following the approach for low volume ODS-consuming countries where ODS consumption is mainly for servicing refrigeration and air conditioning equipment. The main responsibilities of the Ozone Unit would include: formulating, implementing and monitoring the refrigeration management plan, assisting training bodies in setting up technical programmes, coordinating public awareness programmes, and facilitating the government's data reporting obligations under the Montreal Protocol.

RECOMMENDATIONS

1. The Fund Secretariat recommends as follows:
2. To approve the St. Kitts and Nevis Country Programme. Approval of the Country Programme does not denote approval of the projects identified therein or their funding levels.
3. To request the Government of the St. Kitts and Nevis 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 20 February 1997 to 31 December 1997, should be submitted to the Fund Secretariat no later than 31 March 1998.
4. To approve the amount of US \$30,000 and US \$3,900 support cost for institutional strengthening to be included in UNEP's 1997 work programme. To request UNEP to proceed with the disbursement of the first one-year tranche of the funds approved for institutional strengthening, but subsequent disbursements would be contingent on the submission of a report to the Executive Committee on the status of development of a refrigerant management plan (Decision 20/4).



**PRIME MINISTER
ST. KITTS AND NEVIS**

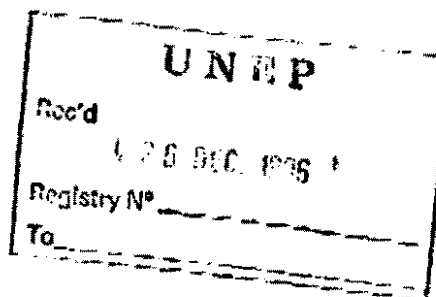
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**GOVERNMENT HEADQUARTERS,
P. O. BOX 188,
ST. KITTS, W.I.**

December 23, 1996

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



Dear Sir

I have the honour to submit herewith the Country Programme of St Kitts and Nevis for the consideration and approval of the Executive Committee of the Multilateral Fund for the Implementation of the Montreal Protocol.

St Kitts and Nevis acceded to the Protocol on August 10, 1992 which came into force on November 8, 1992. It is classified as operating under Paragraph 1 of Article 5 of the Montreal Protocol.

I would like to place on record the appreciation of the Government of St Kitts and Nevis for the assistance extended to it through the UNEP IE Ozone Action programme for the preparation of the Country Programme which started on September 19, 1994. I am pleased to say that the Government of St Kitts and Nevis is committed to the implementation of actions contained in the Country Programme.

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

I hope that the Executive Committee will approve the request for assistance made in respect of Institutional Strengthening.

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

Yours Sincerely

**Denzil L. Douglas
Prime Minister
St Kitts and Nevis**

COUNTRY PROGRAMME COVER SHEET

Country SAINT CHRISTOPHER AND NEVIS
(St. Kitts & Nevis)

Date Received

Lead National Agency Ozone Unit, Ministry of Tourism, Culture and Environment

Period Covered by Country Program 1987 to 2005

Lead Implementation Agency United Nations Environment Programme (UNEP)

1. PHASE OUT SCHEDULE

Substance	ODP	Current (1995) Consumption in ODP Tonnes	Planned Total Consumption (1995 - 2010) Until Phase Out in ODP Tonnes	Planned Year of Phase Out
Annex A Group I: CFC-12	1	3.5	32.5	2005
CFC-115	0.6	1.5	9.1	2005
Total		5.0	41.67	

2. GOVERNMENT ACTION PLAN

ACTION NO.	DESCRIPTION	START DATE	IMPLEMENTING BODY	IMPACT OF ACTION
1	Public awareness & education campaigns, in conjunction with Non-Governmental Organizations	Jun 1997 - Jun 1999	Ministry of Tourism, Culture and the Environment	Promote reduction in consumption
2	Establishment of Ozone Unit	Jun1997 - Jun 2000	Ministry of Tourism, Culture and the Environment	Promote reduction in consumption
3	Training of Refrigeration/Air-conditioning service technicians as well as the design of a Refrigerant Management Plan	Sep 1997 - Apr 1998	OZONE UNIT	Reduction in consumption by about 10 %
4	Promote and follow up phase-out activities in the Refrigeration Sector with emphasis on Hotel/Tourism sub-sector	Jun 1997 - Apr 1998	OZONE UNIT	Promote reduction in consumption
5	Setting of import quotas & issuing of licenses	Dec 1997	OZONE UNIT in collaboration with Saint Christopher and Nevis Customs Department	Reduction in consumption by 10 %
6	Legislative framework for ODS phase-out	Jan 1998	OZONE UNIT in collaboration with the Ministry of Agriculture, Trade and Industry and the Ministry of Finance	Promote reduction in consumption
7	Ban on new installations using ODS	Jan 1998	OZONE UNIT in collaboration with the Ministry of Agriculture, Trade and Industry and the Ministry of Finance	Promote reduction in consumption
8	Ban on Equipment & Appliances containing ODS	Jan 1998	OZONE UNIT in collaboration with the Ministry of Agriculture, Trade and Industry and the Ministry of Finance	Reduction in consumption

3. PROJECT SUMMARY

One project is being submitted for consideration for funding:

PROJECT	FUNDS REQUESTED FROM MLF US \$	GOVERNMENT CONTRIBUTION US \$	IMPLEMENTI NG AGENCY
Institutional Strengthening project, including Development of a Refrigeration Management Plan	30,000	69,300	UNEP

5. COSTS

Cost of activities and projects in the Country Programme:	US\$ 99,300
Funds being requested from the Multilateral Fund:	US\$ 30,000
Estimated cost effectiveness:	US\$ 19.86/ kg

EXECUTIVE SUMMARY

Saint Christopher and Nevis acceded to the Vienna Convention for the Protection of the Ozone Layer and the Montreal Protocol on Substances that Deplete the Ozone Layer on 10 August 1992. In fulfillment of its obligations under the Montreal Protocol, Saint Christopher and Nevis has executed a National Survey as the basis for completion of its Country Programme for the phasing out of Ozone Depleting Substances (ODS).

Saint Christopher and Nevis does not produce or export ODS. CFC-12, CFC-113, CFC-115, HCFC-22, Methyl Chloroform and Halon-1301 were imported during the period 1986 to 1995. In 1995, total ODP consumption was 5.0 Tonnes. With an estimated population for 1995 of 42,048, the per capita consumption is 0.12 kg. Thus, Saint Christopher and Nevis operates under paragraph I of Article 5 of the Montreal Protocol. The country's consumption in ODP Tonnes is presented in Table A.

The Refrigeration sector accounts for 5.0 ODP Tonnes or 100 % of the consumption of controlled substances in 1995 of which CFC-12 was the main substance used. It was used for servicing refrigeration equipment; refrigeration and air conditioning units as well as automotive air-conditioning systems. Some R-502 (containing CFC-115) was employed in some cold chambers.

The Government of Saint Christopher and Nevis is committed to the phase out of ODS ahead of the deadlines established in the Montreal Protocol and according to programmes that are technically and economically viable. This goal will be achieved using a mixture of strategies, in collaboration with the private sector and non-governmental organizations and with support from the Multilateral Fund.

The main components of the phase-out strategy are:

- informing local consumers of the commitment of the Government to phasing out ODS once appropriate alternative substances and technologies are available;
- taking appropriate fiscal and regulatory measures in meeting the phase out objectives;
- training refrigeration technicians in the use of recovery and recycling techniques as well as in the proper methods of servicing and maintenance of refrigeration equipment; and
- establishing the supporting environment of services to facilitate the transition to and the use of alternatives, as well as the overall coordination of ODS phase out activities.

The policy framework within which the Action Plan will be effected will be a combination of education, persuasion, incentives and regulation.

US \$ 30,000 is being requested from the Multilateral Fund to carry out the Action Plan and one project. This project covers Institutional Strengthening and the development of a Refrigerant Management Plan which includes a Recovery and Recycling project in the Refrigeration sector.

TABLE A: CONSUMPTION OF ODS IN ODP TONNES FOR 1986-1995

Substance	1986	1988	199	1992	1994	1995
CFC-12	1.4	1.8	2.3	2.8	3.3	3.5
CFC-113	2.2	2.8	3.0	1.0	0.0	0.0
CFC-115	0.6	0.8	1.0	1.2	1.4	1.5
Halon-1301	3.5	4.4	4.7	2.5	0.5	0.0
Methyl Chloroform	0.3	0.4	0.0	0.0	0.0	0.0
Total	8.0	10.2	11.0	7.5	5.2	5.0
HCFC-22	0.1	0.1	0.1	0.2	0.2	0.2

APPENDIX 1

PROJECT NO.1

PROJECT TITLE:	INSTITUTIONAL STRENGTHENING FOR THE PHASE OUT OF OZONE DEPLETING SUBSTANCES UNDER THE MONTREAL PROTOCOL AND THE IMPLEMENTATION OF THE REFRIGER MANAGEMENT PLAN
SECTORS COVERED:	ALL
ODS CONSUMPTION IN SECTOR:	5.0 ODP TONNES IN 1995
PROJECT DURATION;	THREE (3) YEARS
TOTAL INCREMENTAL COST:	US \$ 30,000
IMPLEMENTING AGENCY:	UNEP
NATIONAL IMPLEMENTING AGENCY:	MINISTRY OF TOURISM, CULTURE AND THE ENVIRONMENT

PROJECT DESCRIPTION

The main industry using controlled chemicals in Saint Christopher and Nevis is Tourism. Thus refrigeration and air-conditioning are the main users of ODS in the country.

An Environmental Division was set up in the Ministry of Tourism, Culture and the Environment with responsibility for all matters relating to environmental management including ozone policy development. A team, under the Ozone Focal point in the Ministry was established to ensure compliance with the Vienna Convention for the Protection of the Ozone Layer and the Montreal Protocol on Substances that Deplete the Ozone Layer.

For the successful implementation of the Country Programme, a focused approach will be necessary to achieve the following:

- To formulate, implement and monitor the Refrigeration Management Plan and the associated project as well as projects in other sectors, if and when these are approved at a later date;
- To monitor the ongoing developments in the efforts to protect the Ozone Layer;
- To assist in the preparation of budgets and advise on the release of funds from the Multilateral Fund;
- To coordinate public awareness programmes;
- To coordinate requirements for the identification and quantification of controlled substances at the point of entry;
- To assist training bodies in setting up technical training programmes;
- To coordinate technology monitoring activities;
- To develop a Refrigeration Management Plan, including a Recovery and Recycling project, if necessary;
- To report annually to the Ozone Secretariat, UNEP in Nairobi-Kenya on the ODS consumption in the country according to Article 7 of the Montreal Protocol; and
- To report annually to the Executive Committee of the Multilateral Fund on the progress in the implementation of the Country Programme, according to the decision taken by the Executive Committee of the Multilateral Fund at its 10 th. meeting.

An Ozone Unit will be established in the Environmental Monitoring and Focal Point of the Ministry of Tourism, Culture and the Environment with the responsibilities listed above. The activities under the Institutional Strengthening project will be managed, if available, by a Refrigeration expert.

PROJECT TIME FRAME

The project commencement date is expected to be December 1997 and the completion date December 2000.

IMPACT

This project will facilitate the early phase-out of controlled substances in Saint Christopher and Nevis.

PROJECT BUDGET: INSTITUTIONAL STRENGTHENING

	1998 US \$	1999 US \$	2000 US \$	TOTAL US \$	By the Government	Requested from the MLF
LOCAL OFFICE: Office space, local transportation between the islands, local per diem, etc.	20,000	20,000	20,000	60,000	60,000	
EQUIPMENT: use of equipment; including microprocessor, printer, modem, software, power regulator, photocopying machine, fax..	3,000			3,000		3,000
STAFFING: Project Co-ordinator	4,000	4,000	4,000	12,000		12,000
OPERATING COSTS: Telecommunications charges, service charges, office supplies, equipment maintenance	3,000	3,000	3,000	9,000		9,000
PUBLIC AWARENESS: Broadcasting, printed media campaigns	2,000	2,000	2,000	6,000	3,000	3,000
SUB TOTAL	32,000	29,000	29,000	90,000	63,000	27,000
CONTINGENCIES	3,300	3,000	3,000	9,300	6,300	3,000
TOTALS	35,300	32,000	32,000	99,300	69,300	30,000