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

Twentieth Meeting
Montreal, 16-18 October 1996

COUNTRY PROGRAMME: HONDURAS

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 Honduras
- Country Programme Cover Sheet
- Country Programme (Executive Summary)

HONDURAS COUNTRY PROGRAMME EVALUATION SHEET

Ozone Technical Office

Status of ratification of the Vienna Convention and the Montreal Protocol

	Signature	Ratification	Entry into force
Vienna Convention (1985)			
Montreal Protocol (1987)			
London Amendment (1990)			
Copenhagen Amendment (1992)			

Production of controlled substances: No controlled substances produced

Consumption of controlled substances (1994) 94.0 metric tonnes
88.8 weighted tonnes (ODP)

(tonnes)	CFC-11	CFC-12	CFC-113	CFC-114	CFC-115	TOTAL	Halon1211	Halon1301	TOTAL	CTC	MCF	TOTAL	Me-Br
ODS	7.9	73.2			12.9	94.0							
ODP	7.9	73.2			7.7	88.8							

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): 88.8

Percent of total: 100.0%

Country Programme

Duration of country programme: 3 years (1997-1999)

ODS phase out target: 50% reduction by 1998. Complete phase out by 2010

Phase out priority area: Refrigeration servicing

Cost of activities in country programme: \$178,672

Strategy:

The Government strategy is based on the active participation of public entities, the private sector and NGOs, to coordinate the ODS phase out activities in the country. Enactment of laws and regulations to control importation of ODSs and equipment containing ODS, design of a public awareness campaign and implementation of training programme in good service practices are among the priority activities proposed by the Government.

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 88.8 tonnes, mainly CFC-11, CFC-12 and CFC-115 used for servicing domestic refrigerators and freezers and commercial refrigerators.
2. A project proposal related to CFC recovery and recycling and a training programme in good refrigeration practices for service technicians is also included in the Country Programme. The project will be implemented in 1997.
3. The country programme includes a project for the establishment of an Ozone Technical Office within the Ministry of the Environment (institutional strengthening). The Government of Honduras is requesting financial support for the implementation of this project totaling US \$70,022.
4. The institutional strengthening project has been developed following the approach proposed by the Fund Secretariat for low volume ODS-consuming countries and further elaborated by UNEP, where ODS consumption is mainly for servicing refrigeration and air conditioning equipment (UNEP/OzL.Pro/ExCom/18/9 Annex I). The main responsibilities of the Ozone Unit would include: organizing training workshop for service technicians, following-up the training activities, supervising the implementation of refrigerant recovery and recycling programme, and facilitating the government's data reporting obligations under the Montreal Protocol.

RECOMMENDATIONS

1. The Fund Secretariat recommends as follows:
2. To approve the Honduras 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 Honduras 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 18 October 1996 to 31 December 1997, should be submitted to the Fund Secretariat no later than 31 March 1998.
4. To request the implementing agency selected by the Government of Honduras to assist in the preparation of the refrigerant recovery and recycling programme identified in the country programme.
5. To approve the amount of US \$66,000 and US \$8,580 support cost for institutional strengthening to be included as an amendment to UNEP's 1996 work programme. To request UNEP not to disburse any funds for this activity until after the refrigerant recovery and recycling programme is approved by the Executive Committee.



SECRETARIA DE ESTADO EN EL DESPACHO DEL AMBIENTE
SEDA

UNEP	
Rec'd	14 AOUT 1995
Registry N°	966
To	PAIS (GH)

EG

Tegucigalpa, M.D.C., 13 de Agosto de 1996.

SEDA/042/96

Director
Secretaría del Fondo Multilateral
Para la Aplicación del Protocolo de Montreal

Estimado Señor:

El Gobierno de Honduras operando acorde al párrafo 1, del Artículo 5 del Protocolo de Montreal, ha preparado su Programa País a través de esta Secretaría, con la Asesoría Técnica y Financiera de la Agencia de Implementación UNEP.

Conociendo el grave problema que constituye la degradación de la capa de ozono y considerando la disponibilidad de financiamiento, nuestro País promoverá tan pronto como sea posible el decrecimiento de consumo de sustancias controladas que afectan la referida capa, reduciendo un 50% del consumo nacional en los próximos tres años (1997 - 1999).

Honduras tiene el propósito de implementar las actividades contempladas en el Programa País, dichas acciones serán llevadas a cabo por la Secretaría del Ambiente, quien además establecerá o adoptará medidas adicionales ó diferentes si fuera necesario, con el fin de aplicar las medidas que contiene el Programa País, a fin de dar cumplimiento al Protocolo de Montreal, ratificado por el Gobierno de Honduras en el año de 1993, según Decreto No. 73-93, publicado en el Diario Oficial La Gaceta de fecha 21 de Agosto de 1993.

Con las muestras de mi más alta consideración y estima le saluda muy atentamente

DR. CARLOS MEDINA
MINISTRO DEL AMBIENTE

CM/gav
cc: Archivo.

- Cover page for Country Programme -

Country : Honduras

Date of acceptance :

Period covered by : 1997 - 1999

National execution body : SEDA

Execution agency : UNEP

1. Phase-out schedule

Substance	Consumption in 1994 (Tonnes ODP)	Total expected consumption until elimination (Tonnes ODP)	Expected date of total elimination
CFC-11	16.01	667.38	2010
CFC-12	101.75	3544.7	2010
CFC-115	6.14	395.49	2010
Total	123.9	4,607.57	

2. Government action plan

Year	description of measures	Sector	Expected effect	Total cost of project US \$	Amount requested from F.M.
1997-1999	I Institutional Reinforcement - Technical Ozone Unit - Programme of legislation - Programme of dissemination	All	Coordination of activities Country Programme for elimination of SAO	161,870	70,022
Total				161,870	70,022

EXECUTIVE SUMMARY

The **Montreal Protocol** is an international agreement for the elimination of the production and consumption of Chlorofluorocarbons (CFC), Halons, Hydrofluorocarbons and Methyl Bromide, these being substances which deplete the ozone layer (ODS). It was signed in Montreal, Canada in September 1987 and currently has 150 member countries. The Protocol wants the total elimination of these substances by the year 2040, although the countries belonging to Paragraph 1 of Article 5 of the **Montreal Protocol** (developing countries), with per capita consumption of less than 0.3 Kg, will be allowed a grace period of 10 years.

Honduras is a developing country with a total area of 112,491 square kilometres and total population, for 1994, of approximately 5.3 million people, 45% of whom live in the urban area and the rest in the countryside. Honduras imported in 1994, 127.99 metric tonnes of ODSs with per capita consumption at 0.025 Kg.

The industrial sector is mainly located in the country's two most developed areas: Tegucigalpa and San Pedro Sula, containing 72% of the industrial companies and 75% of the production. Most of the large, medium-sized and small enterprises belong to the country's various chambers of commerce, to the National Association of Industries [*Asociación Nacional de Industriales*] and to the National Association of Small and Medium-sized Businesses [*Asociación Nacional de Mediana y Pequeña Industria*]. The cottage industry sector is made up of micro-companies which do not belong to the aforementioned associations.

The Government of Honduras, demonstrating its firm intention to progressively reduce the consumption of ozone depleting substances, joined the **Montreal Protocol** in October 1993, operating under the Protocol's Article 5. This document was prepared with the technical and financial assistance of the Multilateral Fund, through the United Nations Environmental Programme (UNEP); it presents the proposal of the **Country Programme** for the reduction of ODS, and includes an analysis of the consumption pattern of controlled substances, governmental strategies for the reduction of consumption, the action plan and project proposals, among others.

The **Country Programme** will be coordinated and administered by the State Secretariat in the Environmental Office [*Secretaría de Estado en el Despacho del Ambiente - SEDA*]. Its first stage is to be carried out over three years (1997 - 1999), with the goal of reducing the consumption of ODS by 50%; in turn, during this period, the Government of Honduras will stimulate the total elimination of ODS by the year 2010, as part of the development of the programmes proposed in this **Country Programme**.

In line with its economic policy, the Government proposes an Action Plan, essentially based on the following actions:

1.-Institutional Strengthening:

Creation of the Technical Ozone Office [*Oficina Técnica del Ozono*], within the SEDA, to be in charge of:

- The implementation of the **Country Programme** and the creation of the National Consultative Ozone Committee [*Comité Consultivo Nacional de Ozono - CCNO*], made up of the members of the National Consultative Environmental Board [*Consejo Consultativo Nacional del Ambiente - COCONA*].

- The definition and application of regulations (laws, decrees and/or resolutions) aimed at establishing regulatory mechanisms for the importation of ODS, due to the non-existence of Governmental agreements covering the importation and consumption of ODS.

- The coordination of the training of the Human Resources of government agencies in charge of tariff classifications and the operative mechanism for the control of the importation of ODS.

- The implementation of a public awareness programme aimed at reducing the demand for substances which deplete the ozone layer.

- The implementation of a programme for the follow-up and evaluation of the execution process of all activities undertaken in this first stage.

2.-Programme of assistance to the industrial sector

This shall consist of the organization of technical training Programmes in training centres, with special emphasis on the use of adequate service and maintenance techniques; recovery and recycling of CFC; as well as the design and preparation of technical and informative bulletins.

The amount of financing required to effectively develop these areas and to meet the established goals for the elimination of ODS is US\$270,520; of this amount, the Government will contribute US\$91,870; the remaining US\$178,650 must be provided by the Multilateral Fund.

The following table contains a summary of the aforementioned action plan.

ACTION PLAN

Category	Description of activities	Total Cost US \$	Cost to MF US \$	Year
I. Institutional Strengthening				1997 - 1999
1.1 Technical Ozone Office (UTO)	Coordination and control of the Country Programme . Technical assistance to companies aimed at minimizing emissions and consumption of ODS.	161,870.	70,000	
1.1.1. Public Information Programme	Design, planning and organization of information campaigns (television, radio, conferences, bulletins etc).	(1)		1997-1999
1.1.2. Programme of Laws and Regulations	Define legal instruments regulating the importation and use of ODS.	(1)		1997
II. Programme of Assistance to the Industrial Sector	Provide technical assistance to companies and organize workshops for good practices, service and maintenance for the adoption of recovery and recycling equipment	108,650	108,650	1997-1999
TOTALS		270,520	178,650	

(1) Cost has been included in the Institutional Strengthening project budget

3. Project Summary

Year	Type of project	Description of the project	Total cost of the project	Total cost requested from MF	Participating implementation body	Tonnes x eliminated ODPs
1997-1998	Training of refrigeration technicians	Training for refills and alternative techniques in refrigeration and air-conditioning	108,650	108,650	UNEP	20
TOTAL			108,650	108,650		20

4. Projects to be developed (*)

Industrial sector	Consumption imports (T.m.) 1994	Cost effectiveness US \$/ Kg.	Cost of elimination US \$ x1000
Refrigeration and air conditioning	8	13.76	110,080
Refrigeration: Industries alfa	95.9	13.76	1,319,584
Total	103.9	13.76	1,429,664

* Note: this table shows the cost and T.m. not covered by the Country Programme

5. Cost of activities and projects in the Country Programme US \$ 178,650

Estimated cost of total elimination US \$ 1,608,336

Estimated cost effectiveness 12.98 US \$/kg

I. CREATION OF THE TECHNICAL OZONE UNIT

1.- Background

In view of the fact that Honduras approved the **Montreal Protocol** in October of 1993, and considering that the issue of the ozone layer is a recent one in Honduras and that there does not yet exist, in the Environmental Secretariat, a Technical Unit in charge of coordinating, channelling, facilitating and monitoring all activities aimed at the elimination of ODS, it is proposed that this project be carried out in order to control and eliminate the importation and consumption of ODS.

2.- Objective:

Reinforce SEDA's administrative structure by creating a technical unit for the coordination, regulation, monitoring and evaluation of all activities aimed at eliminating ODS in Honduras.

3.- Description of Activities:

- Launch actions which promote optimal conditions in the country, for the elimination of ODS.
- Plan, formulate, coordinate, monitor and evaluate technical activities and projects for the elimination of ODSs.
- Promote voluntary agreements between the government and industry in order to meet the objectives of the **Country Programme**.
- Promote and coordinate country-wide information campaigns publicizing the government's action for the elimination of ODS.
- Promote, in accordance with the current legal framework and the national economic policies, activities for the regulation and control of ODS.
- Receive, gather and analyze information on the ozone layer to be used for the creation of a public information centre.
- Foster the exchange of information with other ozone units created by the Protocol.
- Coordinate and monitor training programmes in the industrial sector.
- Coordinate, with the General Customs Office, a training process in the area of customs tariffs, for the purpose of providing effective control of substances which deplete the ozone layer.
- Transmit annually to UNEP's Ozone Secretariat current data on ODS consumption, as set forth in article 7 of the **Montreal Protocol**.
- Report annually to the Secretariat of the Multilateral Fund on the current state of progress in the implementation of the **Country Programme**, as set forth in the decision of 10th Meeting of the Fund's Executive Committee.
- Report to UNEP on the state of progress in the implementation of the project of Institutional Strengthening, according to the objectives of this project.

4.- Duration: 1997-1999

5.- Estimated Cost: US\$ 161,870 . This amount includes the cost of the sub-projects of Annex 1 and the costs covered by the Government in the form of office space, administrative support, etc, equivalent to US\$ 91,870.

This cost includes US \$ 10,000 for regional support as per the new methodology for Institutional Strengthening endorsed through decision 19/30 of the Executive Committee.

Such regional support would be tailored to the country's specific problems and could be channeled through the Regional Network Coordinator of the Networks for ODS Officers, or through representatives of a bilateral agency in the region. It could take the form of specific missions for monitoring implementation, and discussion and guidance on specific problems that may still be needed to expedite the completion of a stalled project.

Institutional Strengthening project budget for Honduras

ANNEX No.1
PROJECT COVER SHEET

Country:	Honduras
Name of project:	Institutional Strengthening Project: Creation of the Technical Ozone Unit
Duration of project:	3 years
Total Cost Project:	US \$ 161,870 (including US \$74,148 to be provided by the Government)
Amount to be requested to the Multilateral Fund:	US \$ 70,000
National Coordinating Body:	Secretary of State in the Environmental Secretariat (SEDA)
Implementing Agency:	UNEP

Summary of the Project

Honduras adopted, in 1993, the Montreal Protocol agreement, and is therefore committed to eliminate ODS consumption by the year 2010. In order to meet this goal and launch actions aimed at creating optimal climatic conditions, and to bring about the elimination of these substances, without drastically affecting industry or the Honduran society in general, the following activities shall be carried out:

- a) Organize, within the administrative structure of SEDA, the Technical Ozone Office, as one of the government's strategies for channelling and coordinating the actions called for in the Action Plan.
- b) Plan a Public Information Programme, for the gathering, organizing, analysing and dissemination of information on all areas related to the protection of the ozone layer, in order to raise public awareness.
- c) Define and establish legal instruments for the regulation and control of ODS consumption.

The Institutional Strengthening project is considered to be extremely important, due to the fact that most of the sectors involved in the use of ODS, and particularly CFCs, are unaware of the ozone problem and the regulations established by the Montreal Protocol; therefore, the aforementioned activities must be approved to successfully eliminate ODS in the country.

Below are the detailed profiles of the activities called for by the Institutional Strengthening programme, which includes the Technical Ozone Office and the sub-projects of this activity:

Annex No. 1a: Public Information Programme

	Item	Year 1	Year 2	Year 3	Total requested to MF	Total covered by Gov.
1	Staff incentives					
	Coordinator (part time)	12000	12000	12000	36,000.00	
	Assistant	6000	6000	6000	18,000.00	
	Sub-total	18,000.00	18,000.00	18,000.00	54,000.00	
2	Equipment					
	Personal Computer	2000			2,000.00	
	Printer	1200			1,200.00	
	Photocopy machine	1800			1,800.00	
	Fax and line	730			730.00	
	Telephone and line	270			270.00	
	Office furniture *	2000				2,000.00
	Sub-total	8,000.00			6,000.00	2,000.00
3	Operational expenses *					
	Communications	2000	2000	2000		6,000.00
	Maintenance	600	600	600		1,800.00
	Office supplies	600	600	600		1,800.00
	Information dissemination	1500	1500	1500		4,500.00
	Local travel	1500	1500	600		3,600.00
	Complement to operational expenses *	3970	3000	3000		9,970.00
	Sub-total	10,170.00	9,200.00	8,300.00		27,670.00
4	Regional support	4000	3000	3000	10,000.00	
5	Public awareness *	33200	22000			55,200.00
6	Legal instruments *	7000				7,000.00
	Subtotal (4+5+6)	44,200.00	25,000.00	3,000.00	10,000.00	62,200.00
		80,370.00	52,200.00	29,300.00	70,000.00	91,870.00

* Expenses directly covered by the Government