

ANNEX 1

SIGNATURE PAGE

Country: Malaysia

UNDAF Outcome(s)/Indicator(s):

Expected Outcome(s)/Indicator (s):

Ozone cell will ensure that the ODS phase out activities have been included in Government's development programmes such as short term, medium term and long term development/ environment action plan to build capacity at the national level on a sustainable basis.

Expected Output(s)/Indicator(s):

Increased capacity and better coordination to access global facilities such as GEF and Montreal Protocol

Implementing partner:

Ministry of Environment and Natural Resources

(designated institution/Executing agency)

Other Partners:
(formerly implementing agencies)

Programme Period: January 2011 – December 2012
Programme Component: Energy and environment for sustainable development
Project Title: MAL/SEV/58/INS/165 - Institutional Strengthening Phase 8
Project Award/Project ID: 00050326/00075006
Project Duration: 2 years
Management Arrangement: NEX

Budget US\$ 139,750.00
General Management Support Fee -
Total budget: US\$ 139,750.00
Allocated resources:
• Government _____
• Regular _____
• Other: US\$ 139,750.00
• Donor MLE-MPU
○ Donor _____
○ Donor _____
• In kind contributions _____
Unfunded budget: _____

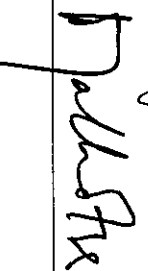
Agreed by Government: _____



DATO' NORIYAH BT AHMAD
Director General
Economic Planning Unit

28/3/2011

Agreed by UNDP: _____



Kamal Malhotra
Resident Representative

31/3/2011

Project ID: 000xxxxx
Project Title: MAL/SEV/58/INS/165 - Institutional Strengthening Phase 8

ANNEX 2 - ANNUAL WORK PLAN

==ANNEX 1 ==
Annual Work Plan
Budget to be Entered in ATLAS

Country: Malaysia

Business Unit:MYS10

Short Title: MAL/SEV/53/INS/159

Long Title: Institutional Strengthening Phase 8

Total Budget: US\$ 139,750

2011-2012

Atlas Activity	Responsible Party	Atlas Budget Description		2011-2012 amount (USD)	Dept. ID	Operation Unit	Fund	Implementing Agency	Donor ID
Activity 1 Management and Monitoring	Department of Environment	71300	Professional Staff	32,500.00	41405	MYS10	63030	MYS10	10009
		71400	Support Staff	52,000.00	41405	MYS10	63030	MYS10	10009
		72100	Public Awareness	25,000.00	41405	MYS10	63030	MYS10	10009
		72500	Supplies	2,500.00	41405	MYS10	63030	MYS10	10009
		71600	Travel	11,250.00	41405	MYS10	63030	MYS10	10009
		74500	Contingency (Sundries, Telecom, Utilities)	1,125.00	41405	MYS10	63030	MYS10	10009
		Total			139,750.00				

PROJECT COVER SHEET

COUNTRY: Malaysia
PROJECT TITLE: Renewal of Institutional Strengthening (Phase 8)

SECTOR: Several

CFC CONSUMPTION:	Baseline (95-97)	ODP Tonnes
1999	3271.1	ODP Tonnes
2000	2010.1	ODP Tonnes
2001	1979.8	ODP Tonnes
2002	1946.9	ODP Tonnes
2003	1605.5	ODP Tonnes
2004	1174.4	ODP Tonnes
2005	1128.5	ODP Tonnes
2006	661.5	ODP Tonnes
2007	564.2	ODP Tonnes
	234.2	ODP Tonnes

PROJECT DURATION: 1 years (January 2011 – December 2012)

PROJECT IMPACT: Phase out of ODS

PROJECT COST: US\$ 139 750

AGENCY SUPPORT COST: US\$ 10 481

TOTAL COST TO THE MLF: US\$ 150 231

SOURCE OF FUNDS: Multilateral Fund (MLF) for the Implementation of the Montreal Protocol.

NATIONAL AGENCY: IMPLEMENTING OZONE PROTECTION SECTION, (OPS) / NATIONAL OZONE UNIT (NOU) DEPARTMENT OF ENVIRONMENT

IMPLEMENTING AGENCY: UNDP

SUBMISSION DATE: July 2009

PROJECT REVISION SUMMARY

This project proposal is submitted to extend institutional strengthening support to the National Ozone Office for two additional years of operation. The project will allow the National Ozone Office to continue to plan, organize, direct and coordinate all activities required for the implementation of Malaysia's strategy in all areas related to the Phase-out of Ozone Depleting Substances under the Montreal Protocol.

The Executive Committee of the Multilateral Fund decision 33/12 *decided* that Governments commit to ensure that:

- i. The National Ozone Unit is given a clear mandate and responsibility to carry out the day-to-day work in order to prepare, coordinate and, where relevant, implement the government's activities to meet its commitments under the Montreal Protocol; this also requires access to decision-makers and enforcement agencies;
- ii. The National Ozone Unit's position, capacities, and continuity of officers, resources and lines of command within the authority in charge of ozone issues are such that the National Ozone Unit can carry out its task satisfactorily;
- iii. A specified high-level officer or a post within the authority is given overall responsibility for supervising the work of the National Ozone Unit and ensuring that action taken is adequate to meet commitments under the Protocol;
- iv. Necessary support structures, such as steering committees or advisory groups are established, involving other appropriate authorities, the private sector and non-governmental organizations, etc;
- v. Personnel and financial resources and equipment provided by the Multilateral Fund are fully allocated to the task of eliminating ODS consumption and production and are made available to the National Ozone Unit;
- vi. Annual work plans for the National Ozone Unit are prepared and integrated in the authorities' internal planning processes;
- vii. A reliable system to collect and monitor data on ozone depleting substances imports, exports and production is established; and
- viii. Measures taken and problems encountered are reported to the Secretariat and/or the implementing agency in charge of the institutional strengthening project when required by the Executive Committee.

Annexes attached to this submission:

- 1) Terminal Report of previous phase
- 2) Plan of Action
- 3) Official ODS Data sheet

Progress report

- During its seventh phase, the institutional strengthening (IS) project of Malaysia continued successfully, achieving and maintaining compliance with the Montreal Protocol. Implementation of activities for the year 2007 and 2008 included activities related to awareness raising, hiring of 5 enforcement officers, knowledge product on Ozone for local and international consumption in collaboration with UNDP.

- During the seventh phase, RSS and MAC workshops were carried out. Publication and awareness-raising materials were extensively produced and distributed. Trainings for end-users on recycling and CFC recovery were conducted. Training workshops with Malaysia Royal Customs were carried out, emphasizing on control on importation of ODS and usage, prevention of illegal trade and also the use of Refrigerant Identifier at custom entry point. Seminars on phasing-out CFC based MDI's were carried out in collaboration with National Pharmaceutical Control Bureau. Seminars on HCFC were conducted to raise awareness among the industries. An inception workshop was organized to kick-start the preparation of the HPMP.

Plan of action

- To provide more effective administration of national institutional mechanism for coordinating national and international efforts for the protection of the ozone layer;
- To plan an effective elimination and control measures on the imports of ODS (Approved Permit System), ODS HS Code and monitoring of illegal trade of ODS;
- To strengthen the mechanism on information exchange and dissemination and to promote activities, outreach programmes related to the ODS phase out in the country; and
- To audit, implement and monitor ODS phase out projects approved by the MLF and to identify, prepare, review, monitor any new proposed projects in future.
- To strengthen current implementing capacity of NOU and to facilitate expeditious implementation of projects to reduce CFC consumption

Views Expressed by the ExCom

Malaysia

The Executive Committee has reviewed the report presented with the institutional strengthening project renewal request for Malaysia and notes with appreciation that Malaysia reported data in 2007 to the Ozone Secretariat that was lower than its 1995-1997 average CFC compliance baseline and that has met the 85% Reduction target of the Montreal Protocol. The Executive Committee greatly supports the efforts of Malaysia to reduce the consumption of ODS. The Executive Committee is therefore hopeful that, in the next two years, Malaysia will continue with the implementation of its country programme and national phase-out activities with outstanding success in the reduction of current ODS consumption levels.

**PROJECT OF THE GOVERNMENT OF MALAYSIA
INSTITUTIONAL STRENGTHENING (MONTREAL PROTOCOL)**

1. PROJECT REVISION OBJECTIVE

This project proposal is submitted to extend institutional strengthening support to the National Ozone Office for two additional years of operation (2009 - 2011). The project will allow the National Ozone Office to continue to plan, organize, direct and coordinate all activities required for the implementation of Malaysia's strategy in all areas related to the Phase-out of Ozone Depleting Substances under the Montreal Protocol.

2. BACKGROUND

Malaysia acceded to the Vienna Convention, the Montreal Protocol and the London Amendment on 29 August 1989. It established the Ozone Protection Section within the Ministry of Environment to respond to mandates of the amended Montreal Protocol. The Executive Committee approved an initial amount of US\$ 322, 520 for an Institutional Strengthening Project to assist the Ozone Unit for planning and coordinating all activities related to fulfilling Malaysia's obligations under the Protocol.

The Institutional Strengthening Project has been subsequently renewed by the Executive as follows:

Phase	Duration	MLF Funding (Approved)
I	1995-1996	322,520
II	1997-1998	215,000
III	1999-2000	215,000
IV	2001-2002	215,000
V	2003-2004	279,500
VI	2005-2006	279,500
VII	2007 – 2008	279,500

* The extension was approved at 30% higher than the previous phase pursuant to ExCom Decision 35/57

The institutional framework established to ensure the implementation of the Action Plan in the Country Programme is the creation of the Ozone Protection Section in the Ministry of Environment. The Ozone Protection Section (OPS) is an official permanent, Government unit under the Air Division of the Department of Environment, Malaysia (Please refer to OPS Organization Structure 2005 appended). Therefore its operations, duties/functions, activities and action plan (Please refer to APPENDIX C) are endorsed fully and monitored by the Director General of the Department of Environment. The OPS is also the Secretariat to the National Steering Committee for the Protection of Ozone Layer (NSC) that serves as an

advisory body to the Government. The Chair of the NSC is the Secretary General of the Ministry of Natural Resources and the Environment. SPO also act as a coordinating body for various working groups for the implementation of Montreal Protocol in Malaysia (Please refer to APPENDIX D).

3. JUSTIFICATION FOR THE PROJECT EXTENSION:

It is estimated that the period 2009-2010 will be critical to continue the phase out of ODS consumption in Malaysia. The Extension is necessary at this time to ensure that Malaysia has the institutional capacity and support to the phase out activities required to meet the final phase out of CFC as well as monitor the National CFC Phase out Plan. In this regard approval of the extension of the Institutional Strengthening is essential to guarantee the success of these actions. Full justifications for the extension and a detailed plan of action can be found in annex 2

4. PROJECT INPUTS.

The distribution of the budget is similar to the distribution during the last few years. Based on the previous account, the Government of Malaysia requests the MLF Executive Committee to renew the institutional strengthening for the National Ozone Office for the amount US\$ 139 750 to be broken down as follows:

	Planned Project Cost	MLF Funding	Counterpart Funding	Other Sources
a) Equipment component				
b) Professional Staff	32,500		100,000	
c) Support staff	32,500		65,000	
d) Consultants				
e) Operational cost	47,500		50,000	
f) Funds for public awareness	25,000			
g) Contingency	2,250			
h) Others including in-kind (specify) <i>Office space, vehicles and equipment. Support staff (enforcement officers) at 14 State Offices of DOE.</i>			100,000	
Total Amount	139,750		315,000	

Annex1: Terminal Report

Terminal Report for Institutional-Strengthening Projects

(Sections 1-20 to be completed by the country concerned prior to sending it to the implementing agency for comments in Section 21)

1. Country: **MALAYSIA**
2. National Implementing Agency / Ozone Unit: **OZONE PROTECTION SECTION, (OPS) / NATIONAL OZONE UNIT (NOU)
DEPARTMENT OF ENVIRONMENT, MALAYSIA.**
3. Implementing Agency: **UNDP**
4. List of previous project phases:

Phase	Duration	MLF Funding (Approved)	MLF Funding (Disbursed)
I	1995-1996	322,520	306,817
II	1997-1998	215,000	209,477
III	1999-2000	215,000	215,000
IV	2001-2002	215,000	215,000
V	2003-2004	279,500	279,000
VI	2005-2006	279,500	279,500
VII	2007-2008	279,500	146,489

5. Indicate the main project objective and the detailed objectives as defined in the action plan for the phase reported upon:

The operational objective of the extension is to monitor the provision of financial and technical assistance to the Government of Malaysia in carrying out projects as outlined in the ODS Phase out Strategy and Action Plan in the Country Programme (CP) Update and the National CFC Phase Out Programme (2002 – 2010) which was approved in December 2001.

The overall objective is to assist the NOU and the industries in phasing out ODS effectively and more efficiently through the adoption of policy, strategy, control measures, technological and monitoring mechanism in compliance with the provision of the MP.

Short Term Objective of IS Project

- To strengthen current implementing capacity of NOU and to facilitate expeditious implementation of the projects to reduce ODS consumption;
- To provide more effective administration of national institutional mechanism for coordinating national and international efforts for the protection of the ozone layer;
- To plan an effective elimination and control measures on the imports of ODS (Approved Permit System), ODS HS Code and monitoring of illegal trade of ODS;

- To strengthen the mechanism on information exchange and dissemination and to promote activities, outreach programmes related to the ODS phase out in the country; and
- To audit, implement and monitor ODS phase out projects approved by the MLF and to identify, prepare, review, monitor any new proposed projects in future.

6.

Describe the results achieved by category and compare them with the results foreseen in the Action Plan:

Year	Activities	Results expected	Results Achieved
2007	<p>Enforcement</p> <ul style="list-style-type: none"> • Enforcement In the light of ODS freeze in by 2010, OU decided to enhanced and strengthened its enforcement activities with the hiring of 5 asst enforcement officers. • Enforcement visit to premises that are subjected to National ODS Regulations 	<ul style="list-style-type: none"> • 5 assistant enforcement officers will be hired under UNDP and start doing enforcement. <p>To ensure compliance with the Regulations, MLF funding criteria and conditions.</p> <p>To achieve 85% CFC reduction target by 2007.</p> <p>Compliance to the Regulations.</p>	<ul style="list-style-type: none"> • With the assistance of UNDP, a recruitment exercise was undertaken and thus far 2 were officers were engaged under UNDP's Service contract modality. The remainder 3 officers are in the processed of being interviewed and engaged. • NOU has conducted about 264 enforcement visits to air-conditioning service workshops and air-conditioning gas suppliers. • 110 notices of enforcement under EQ (Refrigerant Management) Regulation 1999 were issued to the aircond workshops that still haven't gone for training and don't have the recycle and recovery machine • Some chiller owners have installed R&R devices to prevent venting of refrigerant and have attended training workshop on how to manage the

operation of chillers.

<p>Monitoring of on-going projects and newly identified projects under the National CFC phase out Programme</p>	<p>Project completion and CFC phase out in the manufacturing sector.</p> <p>To implement projects under the National CFC Phase Out Programme.</p>	<ul style="list-style-type: none"> 17 ATCs were selected for Refrigerant Service Sector Programme and about 7 sessions of roadshows were made at Pulau Pinang (16 August 07), Ipoh (17 August 07), Kota Bharu (3 Sept 07), KL (10 Sept 07), Kuching (23 Oct 07), Kota Kinabalu (25 Oct 07) and Johor Bahru (30 Oct 07)
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	<p>Publication and awareness.</p> <ul style="list-style-type: none"> • Produce material on ozone protection and organise awareness activities for public and industries. 	<p>Increase awareness and compliance with the Environmental Quality (Refrigerant Management) Regulations, 1999.</p>	<ul style="list-style-type: none"> • 1,500 posters on Code of Good Workshop Practice were printed for distribution to RSS technician. • 2,000 pamphlets on List of ATCs for RSS were printed for distribution to RSS technician and all sectors concerned. • 1,500 posters on Standard Working Procedure (RSS) were printed for distribution. • 2,000 pamphlets on RSS with registration form for RSS CSTP were printed for distribution. • Reprint of Ozzy Ozone VCDs were made for 1,000 copies and were distributed to all concern sectors and public. • 1,000 CDR on list of certified MAC workshops were produced and distributed to the public. • Malaysia International Ozone Day 2007 was being promoted during exhibition, advertisement in television, newspapers, in train panel STAR LRT, Rapid KL buses. • 4 awareness exhibition on ozone depletion and protection were carried out during MAPEX 07 Penang (13-15 July 07), Hari Koperasi Negara (21-23 July 07), MAPEX 07 Midvalley Exhibition center, Midvalley KL (3-5 August 07) and Education fair (7-9 December 07) • Ozone Quizzes are
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	<ul style="list-style-type: none"> • Conduct training for end user on Recycling and Recovery of CFC. • HCFC 	<p>Engagement of a consultant for Ozone Awareness Programme will be made.</p> <p>The awareness programme will cover an interactive website for children and the translation of Ozzy Ozone into the Malay Language and disseminate the translated version in CD, targeting children of school going age of between 6 – 12 years old.</p> <p>Reduce CFC consumption in service sector.</p> <p>To inform the industry of the phase out use of HCFC and raise the awareness of the industries about HCFC and its implication to the industry. It will assist the industry understand the issues and ally their fears that any change will not effect them economically</p>	<p>conducted at Radio stations during month of September 2007</p> <ul style="list-style-type: none"> • A consultant has been engaged under UNDP to assist the OU to undertake an awareness programme. Ozzy Ozone animations were translated to Malay language and 1,000 education kits on ozone protection awareness were printed. 2,000 books on ozone protection awareness for school children, 2000 pocket calendars year 2008 and 2000 bookmarks were printed at the end of the year 2007. Distribution will be made in year 2008 to schools. • A National CFC Phase out Workshop was conducted to announce the Policy and Strategies to the stakeholders. • To date, about 13 sessions of MAC Certified Service Technician Training Programme (including manual training and exam on Recycling and Recovery machine operations) were carried out. • A seminar on HCFC was conducted to raise the awareness among the industries.
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Year	Activities	Results expected	Results Achieved
2008	<p>Enforcement</p> <ul style="list-style-type: none"> • Enforcement and monitoring activities were carried out in year 2008. • Enforcement visit to premises that are subject to National ODS Regulations 	<p>To identify workshops that need assistance to purchase R&R machine and those do not comply with the regulations.</p> <p>To ensure compliance with the Regulations, MLF funding criteria and conditions.</p> <p>Compliance to the Regulations.</p>	<ul style="list-style-type: none"> • 366 RSS workshops and 238 MAC workshops have been verified and monitored in 2008 for selection of project beneficiaries. • For RSS, 108 premises were qualified for R&R machine voucher and 506 premises for RSS basic tools voucher while for MAC, 76 premises were qualified for R&R voucher. • 487 enforcement notices under EQ (Refrigerant Management) Regulations 1999 were issued to the MAC and RSS workshops that still have not attended for training and do not have recycle and recovery machines.

	<p>Monitoring</p> <ul style="list-style-type: none"> Monitoring of on-going projects and newly identified projects under the National CFC phase out Programme 	<p>Project completion and CFC phase out in the manufacturing sector.</p> <p>To implement projects under the National CFC Phase Out Programme.</p>	<ul style="list-style-type: none"> Visit to ATCs and Halon Bank 36 training sessions on RSS were carried out all over Malaysia in 2008, resulting in 1000 individual participation and 982 certified technicians. 13 training sessions on MAC were carried out in 2008, resulting in 261 individual participation and 260 certified technicians.
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	<p>Publication and awareness.</p> <ul style="list-style-type: none"> • Produce material on ozone protection and organise awareness activities for public and industries. 	<p>Increase awareness and compliance with the Environmental Quality (Refrigerant Management) Regulations, 1999.</p>	<ul style="list-style-type: none"> • 5,000 pamphlets on HCFC were printed and distributed to stakeholders. • 5,000 'Pengembaraan Ozike Malaysia' books were printed in November and distributions to selected schools all over Malaysia will be made in early 2009. • 5,000 Ozone Bulletin Bil 1/2008 were printed in November and distributed to the public. • 9,000 key chains and 4,500 Bookmarks were printed in November and will be distributed to school children in early 2009. • 1,000 thermo-mugs were produced and received in December 2008 for distributions in year 2009. • 1,500 posters on Code of Good Workshop Practice were reprinted for distribution to RSS technicians. • 5,000 pamphlets on List of ATCs for RSS were reprinted for distribution to RSS technicians and all sectors concerned. • 5,000 posters on Standard Working Procedure (RSS) were reprinted for distribution. • Reprint of Ozzy Ozone VCDs were made for 1,000 copies and were distributed to all concerned sectors and public. • Reprint of 1,000 CDR on list of certified MAC workshops were produced
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			<ul style="list-style-type: none"> • and distributed to the public. • 9 awareness exhibition on ozone depletion and protection were carried out during Education fair (March 15-16), Anugerah langkawi Award Giving Ceremony (June 4-6), MAPEX KL (June 13-15), MY Career & Education Fair (June 21-22), Independence Day Celebration with NRE (September 5), International Ozone Day (September 7), Launching Ceremony of Edukit 'Pengembaraan Ozike Malaysia' (September 25), Launching Ceremony of Malaysia Environment Week (October 20), Eco Film Festival (November 2) • Advertisements on International Ozone Day celebration were published in 3 different newspapers (News Straits Time, Utusan Malaysia and Sin Chew Jit Poh) from September 14 till September 16. • Radio commercials on ozone layer protection were aired on Klasik FM, Muzik FM, KL FM, and Traxx FM from September 1-30. • TV commercials on ozone layer protection were aired on RTM1, RTM2, TV3, TV7, TV8 and TV9 from September 1-30. • Advertisement on ozone layer protection and International Ozone Day celebration were made on 7 Rapid KL buses panel from August 15 to October 15. • Advertisements on ozone layer protection and International Ozone Day

<ul style="list-style-type: none"> • HCFC 	<ul style="list-style-type: none"> • Conduct training for end user on Recycling and Recovery of CFC. 	<p>Reduce CFC consumption in service sector.</p>	<p>were made on 30 PUTRA LRT in-train panel from March 15 to December 5.</p> <ul style="list-style-type: none"> • To date, about 13 sessions of MAC and 36 sessions of RSS Certified Service Technician Training Programme (including theory and exam on Recycling and Recovery machine operations) were carried out all over Malaysia. • 2 sessions of training workshops with Malaysia Royal Customs were carried out, emphasizing on control on importation of ODS and usage in Malaysia, prevention of illegal trade and also the use of Refrigerant Identifier at custom entry point. • 3 seminars on phasing-out CFC based metered dose inhalers were carried out in collaboration with National Pharmaceutical Control Bureau. • 2 seminars on HCFC were conducted to raise the awareness among the industries. The first seminar was held on March 4, aimed to inform the new amendment of HCFC phase out schedule. An inception workshop was organized on Dec 2-3 in collaboration with UNDP and was attended by more than 350
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			participants from industries, associations, research institutions and government sector. This workshop was to kick-start the preparation of the HPMIP for Malaysia.

7. Breakdown of approved costs, actual expenditures and Government funding as pertinent:

	Approved (2005-2006) / USD	Spent / USD	Government Funding	Other Sources
a) Equipment component				
b) Professional staff	65,000	59,754.20		
c) Support staff	65,000	24,489.80		
d) Consultants				
e) Operational cost	95,000	30,244.53		
f) Funds for public awareness	50,000	32,000.00		
g) Contingency	4,500			
h) Others including in-kind (specify)			50,000	
Total Amount	279,500	146,488.53		

8. Personnel Employed:

Category and Numbers	Functional Titles/Expertise	Main Tasks	Time Period
Professional Staff	Manager/Principal Assistant Director, Head of Ozone Protection Section / National Ozone Unit (NOU)	Supervise the overall implementation and administration. Plan work program and draft strategy, policy and regulations. Participate in international meetings. Provide advisory services to the Department and Ministry.	2 yrs
Support Staff	Deputy Manager I Environmental Control Officer (Planning and Development)	Develop strategies, policies, guidelines and regulations. Responsible to promote phase out program, training and act as secretariat to the NSC and liaison with international consultants.	2 yrs
	Deputy Manager II/ Environmental Control Officers (Implementation and Monitoring)	Updating and monitoring ODS data and Network System. Provide advisory services to industries on non-ODS technologies and responsible in carrying out enforcement activities and close monitoring on the progress of the phase out projects under the NCFCP.	2 yrs
	Assistant Manager I/ Asst. Environmental Control Officer (Planning and Development)	Assist in carrying out the activities and programmes developed particularly on public awareness and publication/dissemination of ODS information	2 yrs
	Assistant Manager II/ Asst. Environmental Control Officer (Implementation and Monitoring)	Assist in carrying out surveys and inventories and monitoring ODS projects.	2 yrs
	Assistant Manager III/ Asst. Environmental Control Officer (Implementation and Monitoring)	Assist in carrying out surveys and inventories and monitoring ODS projects.	2 yrs

	Assistant Manager IV/ Asst. Environmental Control Officer (Implementation and Monitoring)	Assist in carrying out enforcement activities and identification of future phase out projects.	2 yrs
	Assistant Manager V/ Asst. Environmental Control Officer (Implementation and Monitoring)	Updating information / data and financial statements	2 yrs
	Assistant Enforcement Officer I (Contract)	Assist in carrying out enforcement activities	2 yrs
	Assistant Enforcement Officer II (Contract)	Assist in carrying out enforcement activities	2 yrs
Consultants/project management unit (short term)		Project formulation and provide advisory services on non-ODS Technology, up-date country program/NCFCP and financial matters.	

9. Were resources (staff, budget, equipment) used for activities in addition to the approved action plan? If so, please specify:

The Department of Environment provides in kind resources such as office space and facilities including fax, telephones, computer network, photocopy, transportation and support staff especially for financial matters and general works.

In executing ODS Phase out program, such as enforcement and awareness activities, NOU receives support from all DOE Staff at HQ as well as at the DOE States Offices all over the country. In addition, other agencies such as Economic Planning Unit, Treasury, Customs Department, Statistic Department, MITI and Fire and Rescue Department are also involved and providing resources in the implementation of the Montreal Protocol.

For the period of 2007-2008, the scope of work focused more on enforcement on the three ODS related regulations that have been gazetted. The delegation of enforcement power are given to 14 DOE State Offices throughout the country. Besides routine enforcement works, they were given special task to monitor those beneficiaries that have received financial assistance from MLF.

The proactive awareness program will be carried out based on the National Strategy on Awareness Plan. The most important target groups for awareness activities are Customs officers, MAC and RSS Servicing workshops and public health care industries and professionals (MDI).

The awareness plan is also targeted on HCFC importers and users to raise the awareness of the relevant stakeholders especially the industries about the phase out of HCFC and its implication to the industrial sector with regards to the incremental and operating costs of converting to non HCFC alternatives. Seminars and road shows were carried out to disseminate information on HCFC controls and action plans as well as to identify users for technical and financial assistance.

10. Describe the role and position of the NOU within the national administration, the way its work is supervised and its access to senior decision-makers; this may include the cooperation with steering committees, advisory groups or inter-ministerial bodies:

NOU/OPS acts as a National Focal Points (NFP) for ODS Phase out Program including planning, developing policies and strategies, monitoring of projects, promulgating and enforcing law and regulations concerning ODS usage, giving input for industrial development activities, and carrying out ODS phase out awareness activities at all levels (Please refer to APPENDIX A). OPS/NOU is the Secretariat to the National Steering Committee (NSC) on Protection of the Ozone Layer (NSC). OPS/NOU also acts as a chairman for the various working group (Please refer APPENDIX B). OPS/NOU is responsible for providing information on the progress and development of ODS issues to the cabinet ministers. OPS/NOU is placed permanently under the Department of Environment and has access to decision makers including the cabinet ministers.

11. Describe how the action plans for the IS project has been integrated in the national authorities' planning process:

The action plan prepared was endorsed by the National Steering Committee comprising of various government departments and NGOs. The OPS/NOU has the role to provide input and comments concerning Montreal Protocol and its implementation at national level. ODS Phase out Program is part of the Department of Environment's overall activities in abating, preventing and controlling pollution.

12. Title and date of reports submitted:

To Whom:	Title of Report	Submission (Year/Quarter)	
		Planned	Actual
1. Government Departments	Annual Report of DOE Environmental Quality Report	Yearly Yearly	Yearly Yearly
2. Reports to Multilateral Fund Secretariat	Data on Consumption and Progress the implementation of ODS Phase out Projects/country program	Yearly	Yearly
3. Reports to Ozone Secretariat	Data on ODS Consumption	Yearly	Yearly
4. Implementing Agency (UNDP)	IS Activity	Yearly	Yearly
5. Other Implementing Agency (World Bank)	Annual Work Programme	Yearly	Yearly
	Financial Audit Report	Yearly	Yearly
	ODS audit data	Yearly	Yearly
	Appraisal report of projects according to sectors	Quarterly	Quarterly
	Project completion report	Quarterly	Quarterly
6. Bilateral Donor(s)			
7. Others (National Steering Committee)	Status of ODS Phase out	Quarterly	Quarterly
	Status the implementation of NCFCP	Quarterly	Quarterly

13. Were adequate advice and/or technical support received from:

	Yes	No	Please specify
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a) Implementing Agency	X		Advisory and accelerate the process
b) Other Implementing Agency(ies)	X		Advisory and audit the process
c) Bilateral Donor(s)		X	
d) Government Departments	X		Delegation of power for enforcement job with FSD, Customs Department, MITI
e) National Steering Committee	X		Advisory and reporting to the highest level/cabinet minister
f) Others (please specify)	X		Updated information from Industrial Experts, Associations, Suppliers

14. Support received from Regional Network (Network Coordinator/Manager and Network members) and input provided to the Network:

Support Received from Regional Network	Input Provided to Network
Up dated information on EXCOM's Decision, Party Meeting, New development on alternatives, COP/OEWG Meeting Regulation of Control Illegal Import.	Sharing Malaysia's experience in the implementation of MP, carrying out phase out projects, development of new strategy such as Customs Cooperation in preventing illegal trade.

15. Was the NOU subject to an audit by the beneficiary Government or by the Implementing Agency? If yes, what were the results?

OPS/NOU is being audited annually by the National Audit Department (NAD) on finance (MLF assistance) aspect and ODS import data. In general, the unit performance is satisfactory with some comments to improve on financial statement and expeditious reimbursement to the Government's Fund for advancement of staff salary. Every year, NOU also requests NAD to audit financial disbursement and importation data (under the World Bank requirement).

16. Lessons learnt (what were the main successes and difficulties and what can be learnt from them for improving effectiveness and impact during the next phase):

Introduction of EQ (Prohibition on the use of CFC and other Gases as Propellants and Blowing Agents) Order 1993, EQ (Refrigerant Management) Regulations, 1999 and EQ (Halon Management) Regulations, 1999 had increased the awareness on ODS phased out. Many end-users came forward for assistance and clarification on the new regulations and information on ODS alternatives.

Close cooperation with industries is well established under the Malaysian Incorporated concept and also collaboration with other agencies particularly on enforcement activities such as Customs Department, Fire and Rescue Department and MITI has been very crucial in the phase out program and to prevent illegal importation of CFCs and Halon.

Challenges were faced in prevention of new installation of CFC equipment especially second hand or recondition MACS. DOE continues to use the advisory/non-regulatory approach to assist the industries in converting to non-ODS technology. It was working well especially with

the SMIs and as a result, Malaysia has phased out CFC consumption in manufacturing sector.

However, it was a challenging job to identify end-users in the servicing sector. Malaysia has successfully carried out a national study on CFC phase out to identify remaining users of CFC and has formulated strategies and action plans under the National CFC Phase Out Plan (NCFCP) to totally phase out CFC consumption by 2010.

17. Terminal Report prepared by:

Name of Officer responsible for preparing the Terminal Report:	Charanpal Singh
Title:	Principle Assistant Director
Organization/Agency/Ministry:	Department of Environment
Date:	15 January 2009

18. Government Authority with oversight responsibility for the IS Project/NOU:

Name of Officer responsible:	DATO' HAJAH ROSNANI IBARAHIM
Title:	Director General
Organization/Agency/Ministry:	Department of Environment
Date:	16 March 2009

Comments:

Malaysia has achieved her target to meet the CFC Freeze set in July 1999 and has phased out CFC consumption in the manufacturing sector. The importation of CFC in 2007 was only 234 metric tons compared to 491metric tons as allowed under the MP. In this regard Malaysia is not only complying with 1999-2004 obligations but also complying with 2007 obligation under the MP. CFC consumption in manufacturing sector has been phased out since 2006. It is expected that the consumption of CFC in the service sector particularly for MAC will also be reduced. The on-going project on MAC and RSS recycling and recovery will reduce the demand on virgin CFC. Awareness programmes will be given priority to the service sectors and the public at large to avoid back conversion to CFC. The enforcement and monitoring activities will also be given priority for 2009 and even beyond 2010 to ensure Malaysia is in full compliance with the Montreal Protocol.

The Multilateral Fund (MLF) is the main source of funding for ODS phase out activities. The Fund also supported the operation of Ozone Protection Section and its awareness activities. The fund is an innovative way to assist Malaysia to accelerate the phase out of CFC. MLF has been and is still assisting Malaysia to achieve expeditious phase out of CFC and other ODS to meet the obligation of the Montreal Protocol on Substances that Deplete the Ozone Layer. The capacity building under the scope of IS funded by MLF and has been a useful tool for Malaysia to speed up and phase out the remaining CFC in the future.

19. Implementing Agency:

Name of Officer responsible:	Nandan Chirmulay
Title:	Senior Technical Advisor and Regional Coordinator
Organization/Agency/Ministry:	UNDP
Date:	May 8, 2009
<p>Comments: Malaysia continues to successfully implement its IS project thus ensuring that the execution of activities related to the phase out of CFC in Malaysia in on track to meet the 2010 phase out of CFC</p>	

Annex 2:

**Extension of Institutional Strengthening Projects
Plan of Action**

(Sections 1-16 to be completed by the country concerned prior to sending it to the implementing agency for comments in Section 17)

1. Country: Malaysia
2. National Implementing Agency / Ozone Unit: Ozone Protection Section, Department of Environment, Malaysia
3. Implementing Agency: UNDP
4. Period of Extension: 1 year From Jan 2010 (month/year) to December 2010 (month/year) (Based on the approved guidelines)
5. Amount of MLF funding requested: 279,500
6. Status of ratification:

Amendment	Ratification Date	or projected date
London Amendment	16 June 1993	
Copenhagen Amendment	5 August 1993	
Montreal Amendment	26 October 2001	
Beijing Amendment	26 October 2001	

7. Consumption by group of substances and by sector. This is identical to the annual report the Ozone Units submit to the Fund Secretariat on the progress of implementation of Country Programmes. Please attach form with data for the most recent year or indicate when you sent it to the Secretariat if this has been done already.

8. Indicate the main project objective for the next phase in relation to the country's compliance with the provisions of the Montreal Protocol:

The main objective is to assist the NOU in implementing the Montreal Protocol so that the industries are able to phase out ODS effectively and more efficiently through the adoption of policy, strategy, control measures, technological and monitoring mechanism in compliance with the provision of the MP.

The operational objective of the extension is to monitor the provision of financial and technical assistance to the Government of Malaysia in carrying out projects as outlined in the ODS Phase out Strategy and Action Plan in the Country Programme (CP) Update and the National CFC Phase Out Programme (2002 – 2010) which was approved in December 2001.

Short Term Objective of IS Project

- To strengthen current implementing capacity of NOU and to facilitate expeditious implementation of the projects to reduce ODS consumption;
- To provide more effective administration of national institutional mechanism for co-ordinating national and international efforts for the protection of the ozone layer;
- To plan an effective elimination and control measures on the imports of ODS (Approved Permit System), ODS HS Code and monitoring of illegal trade of ODS;
- To strengthen the mechanism on information exchange and dissemination and to promote activities, outreach programmes related to the ODS phase out in the country; and
- To audit, implement and monitor ODS phase out projects approved by the MLF and to identify, prepare, review, monitor any new proposed projects in future.

9. Objectives, planned activities per year and expected results:

Year	Objectives	Planned Activities	Results Expected
2010	Compliance to the Montreal Protocol Obligations and Malaysia Regulations on ODSs and to prevent illegal trade.	<ul style="list-style-type: none"> • Visit projects sites / completed projects / project verification • Enforcement visit to air-conditioner servicing and refrigeration servicing workshops. 	<p>To ensure compliance with the regulations, MLF funding criteria and conditions.</p> <p>Reduction in CFC consumption to meet 100% reduction by 2010</p> <p>Compliance to the Environmental Quality Regulations and business licences issued by local authorities .</p> <p>Updated legislation to reflect latest decisions of the MOP.</p>
		<ul style="list-style-type: none"> • Revise strategy, policy and control measures based on lesson learned from the implementation of National CFC phase out plan. • Joint inspection 	

		with Custom officers to premises of suppliers of refrigerants.	To ensure no illegal trade of CFC and to deter blending of refrigerants including CFCs.
	Monitoring of ODS phase out projects	<p>Monitoring</p> <ul style="list-style-type: none"> Visit project sites/ completed projects. Visit demonstration projects using alternatives to methylbromide for non-QPS purposes (soil fumigation). Visit Halon Bank. 	<p>Project completion and CFC phase out in the manufacturing and servicing sectors.</p> <p>Project funding by the MLF.</p> <p>Ensure that MBR is gradually phased out in the non QPS sector by 2015</p> <p>To ensure proper storage to avoid leakages and to monitor halon demand and supply.</p>
	Enhance Awareness on Ozone Protection	<p>Publication and Awareness</p> <ul style="list-style-type: none"> Produce material on ozone protection and organize awareness activities for children, public, other government agencies especially the Local Authorities 	<p>Increase awareness and compliance with the Environmental Quality (Refrigerant Management) Regulations 1999 and other related regulations and</p>

		<ul style="list-style-type: none"> and industries. Create awareness among the end-user in servicing sector. Conduct training for Technicians handling CFC on Recycling and Recovery of CFC. Conduct refresher course for Authorised Training Centres on Recycling and Recovery of CFC. Conduct refresher course for enforcement officers of DOE and Custom on ODS phase out and use of RI. Conduct refresher course for PUSPAKOM of Road and Transport Dept. on ODS phase out and use of RI Organise seminar and road shows on HPMP 	<p>administrative Orders.</p> <p>Trained technicians handling CFCs and reduce CFC consumption in service sector.</p> <p>Enhanced knowledge on ODS phase out</p> <p>Enhanced knowledge on ODS phase out and to prevent illegal trade.</p> <p>Enhanced knowledge on ODS phase out and to monitor use of blends.</p> <p>Private and public participation in HPMP preparation and create awareness on HCFC phase out projects.</p>
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10. Describe modalities how regular access of the Ozone Unit to senior decision-makers will be assured. Such modalities may include steering committees, advisory groups or inter-ministerial bodies:

NOU is within the organization of Department of Environment under the Ministry of Natural Resources and the Environment (NRE). The NOU has direct access to senior decision makers such as the Director General of Environment. A National Steering Committee on Ozone Protection which comprises of government related agencies, representatives of industries and NGOs was established since 1989 chaired by the Secretary General of Ministry of NRE.

11. Describe how the action plan for the IS project will be integrated in the national authorities' planning process:

The action plan prepared was endorsed by the National Steering Committee comprising of various government departments and NGOs. The OPS/NOU has the role to provide input and comments concerning Montreal Protocol and its implementation at national level. ODS Phase out Program is part of the Department of Environment's overall activities in abating, preventing and controlling pollution.

12. Planned Project Cost:

	Planned Project Cost	MLF Funding	Counterpart Funding	Other Sources
a) Equipment component				
b) Professional Staff	32,500		100,000	
c) Support staff	32,500		65,000	
d) Consultants				
e) Operational cost	47,500		50,000	
f) Funds for public awareness	25,000			
g) Contingency	2,250			
h) Others including in-kind (specify)	Office space, vehicles and equipment. Support staff (enforcement officers) at 14 State Offices of DOE.		100,000	
Total Amount	139,750		315,000	

13. Personnel required:

Category and Numbers	Functional Titles/Expertise	Main Tasks	Time Period
Professional Staff	Manager/Principal Assistant Director, Head of Ozone Protection	Supervise the overall implementation and administration. Plan work program and draft	1 yrs

	Section / National Ozone Unit (NOU)	strategy, policy and regulations. Participate in international meetings. Provide advisory services to the Department and Ministry.	
Support Staff	Deputy Manager I Environmental Control Officer (Planning and Development)	Develop strategies, policies, guidelines and regulations. Responsible to promote phase out program, training and act as secretariat to the NSC and liaison with international consultants.	1 yrs
	Deputy Manager II/ Environmental Control Officers (Implementation and Monitoring)	Updating and monitoring ODS data and Network System. Provide advisory services to industries on non-ODS technologies and responsible in carrying out enforcement activities and close monitoring on the progress of the phase out projects under the NCFCP.	1 yrs
	Assistant Manager I/ Asst. Environmental Control Officer (Planning and Development)	Assist in carrying out the activities and programmes developed particularly on public awareness and publication/dissemination of ODS information	1 yrs
	Assistant Manager II/ Asst. Environmental Control Officer (Implementation and Monitoring)	Assist in carrying out surveys and inventories and monitoring ODS projects.	1 yrs
	Assistant Manager III/ Asst. Environmental Control Officer (Implementation and Monitoring)	Assist in carrying out surveys and inventories and monitoring ODS projects.	1 yrs
	Assistant Manager IV/ Asst. Environmental Control Officer (Implementation and	Assist in carrying out enforcement activities and identification of future phase out projects.	1 yrs

	Monitoring)			
	Assistant Manager V/ Asst. Environmental Control Officer (Implementation and Monitoring)	Updating information / data and financial statements		1 yrs
	Assistant Enforcement Officer I (Contract)	Assist in carrying out enforcement activities		1 yrs
	Assistant Enforcement Officer II (Contract)	Assist in carrying out enforcement activities		1 yrs
Consultants/project management unit (short term)		Project formulation and provide advisory services on non-ODS Technology, up-date country program/NCFCP and financial matters.		

14. Title and schedule of reports to be submitted:

To Whom:	Title of Report	Submission (Year/Quarter)	
		Planned	Actual
1. Government Departments	Annual Report of DOE Environmental Quality Report	Yearly	Yearly
2. Reports to Multilateral Fund Secretariat	Data on Consumption and Progress the implementation of ODS Phase out Projects/country program	Yearly	Yearly
3. Reports to Ozone Secretariat	Data on ODS Consumption	Yearly	Yearly
4. Implementing Agency (UNDP)	IS Activity	Yearly	Yearly
5. Other Implementing Agency (World Bank)	Annual Work Programme	Yearly	Yearly

	Financial Audit Report ODS audit data	Yearly Yearly	Yearly Yearly
	Appraisal report of projects according to sectors	Quarterly	Quarterly
	Project completion report	Quarterly	Quarterly
6. Bilateral Donor(s)	Status of ODS Phase out	Quarterly	Quarterly
7. Others (National Steering Committee)	Status the implementation of NCFCP	Quarterly	Quarterly

15. Action Plan prepared by:

Name of Officer responsible for preparing the Action Plan:	CHARANPAL SINGH
Title:	PRINCIPLE ASSISTANT DIRECTOR
Organization/Agency/Ministry:	DEPARTMENT OF ENVIRONMENT
Date:	14 MAY 2009

16. Government endorsement:

Action Plan authorized by:	DATO' HAJAH ROSNANI IBARAHIM
Title:	DIRECTOR GENERAL OF ENVIRONMENT
Supervising Organization/Agency/Ministry:	DEPARTMENT OF ENVIRONMENT
Date:	14 MAY 2009

17. Submission of Action Plan:

Name of Implementing Agency:	UNDP
Name of Project Officer:	Nandan Chirmulay
Date:	May 8, 2009
Comments of Implementing Agency: The extension of IS into a new phase is necessary for Malaysia to maintain its momentum in phasing out CFCs to meet the 2010 phase out and to support new activities in the phase out of HCFCs	

Annex 3: Country Program Data Sheet 2007 – Submitted to MLF Secretariat

COUNTRY : MALAYSIA

YEAR : JANUARY TO DECEMBER OF THE YEAR 2007

A. Data on Controlled Substances (in METRIC TONNES)

Note : Data entry is required in UNSHADED cells only

Substance ¹	Consumption by Sector												Import	Export ²	Production ³	Remarks (e.g., if use is different consumption)	
	Aerosol	Foam	Fire Fighting	Refrigeration		Solvent	Process Agent	MDI	Lab Use	Methyl Bromide Use*		Tobacco Filling					TOTAL
				Manufacturing	Serviceing					OPS	Non-OPS						
Annex A, Group I																	
CFC-11	0.000	0.000		0.000	0.000			0.000				0.000	0.000	0.000	0.000	0.000	
CFC-12	0.000	0.000		0.000	234.164			0.000					234.164	234.160	0.000	0.000	
CFC-113						0.000	0.000		0.000				0.000	0.000	0.000	0.000	
CFC-114				0.000	0.000								0.000	0.000	0.000	0.000	
CFC-115				0.000	0.000								0.000	0.000	0.000	0.000	
Sub-Total	0.000	0.000		0.000	234.164	0.000	0.000	0.000	0.000			0.000	234.164	234.160	0.000	0.000	
Annex A, Group II																	
Halon 1211			0.000										0.000	0.000	0.000	0.000	
Halon 1301			0.000										0.000	0.000	0.000	0.000	
Halon 2402			0.000										0.000	0.000	0.000	0.000	
Sub-Total			0.000										0.000	0.000	0.000	0.000	
Annex B, Group II																	
Carbon Tetrachloride						0.000	0.000		0.000				0.000	0.000	0.000	0.000	
Sub-Total						0.000	0.000		0.000				0.000	0.000	0.000	0.000	
Annex B, Group III																	
Methyl Chloroform						57.720	0.000		0.000				57.720	57.720	0.000	0.000	
Sub-Total						57.720	0.000		0.000				57.720	57.720	0.000	0.000	
Annex C, Group I																	
HCFC-21		0.000		0.000	0.000								0.000	0.000	0.000	0.000	
HCFC-22		0.000		4,449.030	461.600								4,910.630	4,910.630	0.000	0.000	
HCFC-141		0.000		0.000									0.000	0.000	0.000	0.000	
HCFC-141b		1,280.080		0.000									1,280.080	1,280.080	0.000	0.000	
HCFC-142b		14.780		0.000									14.780	14.780	0.000	0.000	
HCFC-121		0.000		0.000									0.000	0.000	0.000	0.000	
HCFC-123		0.000		54.440	0.000								54.440	54.440	0.000	0.000	
HCFC-124		0.000		20.126	0.000								20.126	20.126	0.000	0.000	
HCFC-225		0.000		4.695	0.000								4.695	4.695	0.000	0.000	
Other ²		0.000	0.000	0.000	0.000								0.000	0.000	0.000	0.000	
Sub-Total		1,294.860	0.000	4,528.291	461.600								6,284.751	6,284.751	0.000	0.000	
Annex E																	
Methyl Bromide										300.200	17.530		317.730	317.730	0.000	0.000	
Sub-Total										300.200	17.530		317.730	317.730	0.000	0.000	
TOTAL	0.000	1,294.860	0.000	4,528.291	695.764	57.720	0.000	0.000	0.000	300.200	17.530	0.000	6,894.365	6,894.361	0.000	0.000	



UNDP Project Document

UNDP – MLF

Government of Malaysia

United Nations Development Programme

MAL/SEV/58/INS/165 - Institutional Strengthening Phase 8

This project extends institutional strengthening support to the National Ozone Office for one additional year of operation (2010). The project will allow the National Ozone Office to continue to plan, organize, direct and coordinate all activities required for the implementation of Malaysia's strategy in all areas related to the Phase-out of Ozone Depleting Substances under the Montreal Protocol.

The grant requested to the MLF by the Government of Malaysia is US\$ 139,750

Executing Agency - National Ozone Unit (NOU) Ministry of Environment & Natural Resources

Starting Date -- January 2011

Total Budget -- US\$ 139,750

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SECTION I: ELABORATION OF NARRATIVE

Part I. Situation Analysis

Malaysia acceded to the Vienna Convention, the Montreal Protocol and the London Amendment on 29 August 1989. It established the Ozone Protection Section within the Ministry of Environment to respond to mandates of the amended Montreal Protocol. The Executive Committee approved an initial amount of US\$ 322, 520 for an Institutional Strengthening Project to assist the Ozone Unit for planning and coordinating all activities related to fulfilling Malaysia's obligations under the Protocol.

The Institutional Strengthening Project has been subsequently renewed by the Executive as follows:

Phase	Duration	MLF Funding (Approved)
I	1995-1996	322,520
II	1997-1998	215,000
III	1999-2000	215,000
IV	2001-2002	215,000
V	2003-2004	279,500
VI	2005-2006	279,500
VII	2007-2008	279,500

NOU/OPS acts as a National Focal Points (NFP) for ODS Phase out Program including planning, developing policies and strategies, monitoring of projects, promulgating and enforcing law and regulations concerning ODS usage, giving in put for industrial development activities, and carrying out ODS phase out awareness activities at all levels (Please refer to APPENDIX C). OPS/NOU is the Secretariat to the National Steering Committee (NSC) on Protection of the Ozone Layer (NSC). OPS/NOU also acts as a chairman for the various working group (Please refer APPENDIX D). OPS/NOU is responsible to provide information on the progress and development of ODS issues to the cabinet ministers. OPS/NOU is placed permanently under the Department of Environment and has access to decision makers including the cabinet ministers.

The NOU of Malaysia will focus on enforcement on the three ODS related regulations that have been gazetted. The delegation of enforcement power will be given to 14 DOE State Offices throughout the country. Besides routine enforcement works, they will be given special task to monitor those beneficiaries have been received financial assistance from MLF. Delegation of power is also planned to be given to the Local Authorities and the Fire Service Department.

The proactive awareness program will be carried out based on the National Strategy on Awareness Plan. The most important target groups for awareness activities are Customs officer, MAC and RSS Servicing workshops and public health care industries (MDJ). The awareness plan also targeting on

HCFC, in which to raise the awareness of the industries about the phase out use of HCFC and its implication to the industry.

Further to the implementation of specific projects, the NOU will continue raising public awareness through various activities.

More details about activities undertaken during the current phase of the institutional strengthening project can be found in the attached annexes.

Current Situation

Introduction of EQ (Prohibition on the use of CFC and other Gases as Propellants and Blowing Agents) Order 1993, EQ (Refrigerant Management) Regulations, 1999 and EQ (Halon Management) Regulations, 1999 had increased the awareness on ODS phased out. Many end-users come forward for assistance and clarification on the new regulations and information on ODS alternatives.

Close cooperation with industries under well established the Malaysian Incorporated concept and also close contact from other agencies particularly on enforcement activities such as Customs Department, Fire and Rescue Department and MITI is very crucial in the phase out program and to prevent illegal importation of CFCs and Halon.

Challenges were faced in prevention of new installation of CFC equipment especially second hand or recondition MACs. DOE continues to use the advisory/non-regulatory approach to assist the industries in converting to non-ODS technology. It was working well especially with the SMLs and as a result, Malaysia has phased out more than 90% CFC consumption in manufacturing sector.

Malaysia has achieved her target to meet the CFC Freeze set on July 1999 and has phased out more than 90% of CFC consumption in manufacturing sector. The importation of CFC in 2003 is only 1174 tons compared 3127 ton, or less than 64 % as allowed under MP. In this regard Malaysia is not only complying with 1999-2004 obligations but also comply with 2005 obligation under MP. For the next 2-3 years it is expected 90 % out of 1100-1300 tons remaining CFC use for service particularly for MAC will be specially monitor for reduction of the consumptions. So the concentration on awareness program will be given priority to service sectors. The enforcement and monitoring activities will be given priority for 2007-2008. Full justifications for the extension and a detailed plan of action can be found in annexes.

Part II. Strategy

Objectives

The following are the objectives of this project:

Project ID: 000xxxxx

Project Title: MAL/SEV/58/JNS/165 - Institutional Strengthening Phase 8

1. To strengthen current implementing capacity of NOU and to facilitate expeditious implementation of the projects to reduce ODS consumption;
2. To provide more effective administration of national institutional mechanism for co-coordinating national and international efforts for the protection of the ozone layer;
3. To plan an effective elimination and control measures on the imports of ODS (Application Permit System), ODS HS Code and monitoring of illegal trade of ODS;
4. To strengthen the mechanism on information exchange and dissemination and to promote activities related to the ODS phase out in the country; and
5. To audit, implement and monitor ODS phase out projects approved by the MLF and to identify, prepare, review, monitor any new proposed projects in future.

Project Activities for 2010

Budget Line	Planned Project Cost (US\$)
a) Equipment component	-
b) Professional Staff	32,500.00
c) Support staff	32,500.00
d) Consultants	0
e) Operational cost (Travel)	47,500.00
f) Funds for public awareness	25,000.00
g) Contingency (Sundries, telecom, Utilities)	2,250.00
Total Amount	139,750.00

Part III. Management Arrangements

This project will be executed under the National Execution Modality. The national counterpart for this project is the National Ozone Unit (NOU) Ministry of Environment & Natural Resources.

SECTION II: STRATEGIC RESULTS FRAMEWORK

The Annual Implementation Plans are presented in Pages 6 of the attached Proposal document.

SECTION III: TOTAL BUDGET AND WORK PLAN

The Budget and Workplan are presented in Annex 2 of this document.