

**Report
on
Capacity Building Workshop of DoE Officials on the Protection of Ozone
Layer**

**‘Sheuli’ Conference Room, Department of Environment
Dhaka, 14 March 2017**

1. Introduction

A training workshop on “Capacity Building of DoE Officials on the Protection of Ozone Layer” was organized by the Department of Environment (DoE) during 14 March 2017 under “Institutional Strengthening for the Phase-out of ODS (Phase-VII)” project. 30 participants of the workshop were the officials from head office and different district and divisional offices of the Department of Environment. The main objective of this training programme was to provide the DoE officials with the skills necessary to implement Montreal Protocol activities in Bangladesh.

2. Workshop Approach

During the workshop different training materials like books, articles, power point presentations were distributed among the participants. Power point & multimedia presentation as well as lecture and open discussion took place in the workshop. The workshop was conducted interactively between the resource person and the participants.

3. Workshop Report

The workshop began at 10.00 o’clock in the morning on 14 March 2017 with the recitation from the Holy Qur’an. National expert from National Board of Revenue (NBR), Ministry of Law, Justice and Parliamentary Affairs, Department of Environment and officers from INS Phase-VII projects were the resource persons. Detailed agenda and list of participants of the workshop are attached in annexes. **Mr. Raisul Alam Mondal**, Director General, Department of Environment was the Chief Guest of the Inaugural Session of the workshop. Mr. Quazi Sarwar Imtiaz Hashmi Chaired the technical session of the workshop Mr. Subol Bosh Moni . Director (Adminstration), DOE and Mr. Ziaul Haque, Director (Air Quality Management), DoE were also present at the workshop.

Mr. Quazi Sarwar Imtiaz Hashmi in his welcome address he mentioned that this kind of workshop is the first attempt to build the capacity of the DoE officials on ozone issues. He also expected the workshop will be success with full participation of the participants.

Mr. Raisul Alam Mondal in his speech urged that DoE officials should be capable in true sense in all aspects of the activities of the department. He stressed the need of such workshop and wished the success of the workshop.

Mr. Md. Shahjahan Ex-ADG, DoE gave the first lecture on “The Antarctic Ozone Hole - From Discovery to Recovery, a Scientific Journey”. In his presentation Mr. Md. Shahjahan outlined the basic science of ozone, ozone hole, depletion of ozone layer, substances that deplete the ozone layer and recovery of the layer. He outlined chronology of the development of the effort of ozone layer healing. He discussed the process of ozone formation in the stratosphere and ozone layer depletion in that region of the atmosphere. He also mentioned the Montreal Protocol the global initiative undertaken to protect the ozone layer. He discussed the health benefits and climate benefits from the successful implementation of the Montreal Protocol.

Mr. Humayun Forhad, Joint Secretary, Legislative and Parliamentary Affairs Division gave the second presentation on Ozone Depleting Substances Control Rules, 2004 and its amendments. He discussed about the law making process of the government, the definition of rules and laws. He outlined how the Ozone Depleting Substances Control Rules, 2004 was developed under the Environment Conservation Act. He also give detailed about each section of the rules and changes in the amendments thoroughly. He discussed detail about the annexes of the rules and the amendments. He pointed out how customs and enforcement officers use this rules.

Dr. Mohammad Tazul Islam, Joint Commissioner (C.C), Customs House, Dhaka, presented on the role of customs and enforcement officer in combating illegal trade of ODSs. In his presentation he discussed about the legal framework of the customs. He touched upon the import of goods and its entering routes in Bangladesh, loading and unloading of the goods, how customs preserve goods, warehouse, bonded warehouse, submission of the bill of entry for importing goods, how customs examine goods, customs assessment, monitoring, fate of the confiscated goods, issue of smuggling and how customs handle the smuggling.

Dr. Satyendra Kumar, Senior Officer, INS Phase-VII Project presented on activities undertaken by the government for the protection of ozone layer. He gave presentation on Montreal Protocol and all its amendments, Vienna Convention, Montreal Protocol Phase-out Schedule, institutional structure of the Montreal Protocol, Bangladesh phase-out activities, ozone cell activities, major achievements during implementation of the Montreal Protocol in

Bangladesh and future challenges for Bangladesh in the implementation of Montreal Protocol etc.

Mr. Shaikh Obaidullah Al Mahmood, Research Officer, INS Phase-VII Project gave presentation on HCFCs and its alternatives. He discussed about the sectors using HCFCs, alternative technology options. He discussed detail about ammonia, carbon dioxide, hydrocarbon, hydro fluorocarbon. He also discussed available technology exist in Bangladesh.

Dr. Hirendra Kumar Das, National Consultant, UNDP presented the HCFC and its alternatives survey he has conducted. He showed in his presentation the ODP and GWP of different substances he surveyed. He discussed sectoral uses of ODS and its alternatives in Bangladesh. He also showed different characteristics of the ODSs and its alternatives. In his survey findings he showed that the uses of alternatives are increasing and the use of ODSs are decreasing.

Mr. Ziaul Haque, Director (Air Quality Management), DoE gave presentation on different chemical conventions. He discussed detail about the objectives and national action on the following chemical conventions:

- Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and Their Disposal
- Stockholm Convention on Persistent Organic Pollutants
- Rotterdam Convention on the Prior Informed Consent Procedure for Certain Hazardous Chemicals and Pesticides in International Trade
- Minamata Convention on Mercury

Mr. Quazi Sarwar Imtiaz Hashmi, in his closing remarks discussed about the usefulness of organizing such workshop. He mentioned that DoE officials in future learn about the other activities of DoE along with their regular routine job and they should be capable to take over successfully any kind of responsibilities that is given to them. He advised his fellow colleagues to augment their knowledge and cross cutting issues of environment. He also thanked participants and the organizer in his closing remarks.

Glimpses of the Workshop



Participants of the Training Workshop



Mr. Raisul Alam Mondal, Director General, Department of Environment is delivering his speech



Mr. Md. Shahjahan, Ex ADG, DoE is giving his presentation



Mr. Humayun Forhad, Joint Secretary, Legislative and Parliamentary Affairs Division is giving his presentation



Dr. Mohammad Tazul Islam, Joint Commissioner (C.C), Dhaka Customs House is delivering his presentation



Dr. Satyendra Kumar Purkayastha, Senior Officer, INS Phase-VII Project is giving his presentation.

Annex-A

Capacity Building of DoE Officials on the Protection of Ozone Layer

Date: 14 March 2017

Venue: Chameli, DoE

No of Participants: 30

Programme

9.00-9.30	Registration	
9.30-9.35	Recitation from Holy Quran	
9.35-9.45	Welcome Address	Quazi Sarwar Imtiaz Hashmi, ADG, DoE
9.45-10.00	Address by the Chief Guest	Mr. Md. Raisul Alam Mondal, DG, DoE
10.00-10.20	Tea Break	
	Technical Session Chairperson: Quazi Sarwar Imtiaz Hashmi, ADG, DoE	
10:20 – 11.15	The Antarctic Ozone Hole - From Discovery to Recovery, a Scientific Journey	Mr. Md. Shahjahan Ex-ADG, DoE
11.15-12.00	Montreal Protocol Global & National Response	Dr. S.K Purkayastha Senior Officer, INS Project, DoE
12.00-13.00	Introduction to Ozone Depleting Control Rules	Mr. Humayun Forhad Joint Secretary Ministry of Law
13.00-14.00	Lunch Break	
14.00-15.00	Combating Illegal Trade of Ozone Depleting Substances	Dr. Mohammad Tazul Islam Joint Commissioner (C.C) Customs House, Dhaka
15.00-15.30	Alternative Technologies	Mr. Shaikh Obaidullah Al Mahmood, Research Officer, INS Project, DoE
15.30-15.55	ODS & ODS Alternative Bangladesh Perspective	Dr. Hirendra Kumar Das National Consultant, UNDP
15.55-16.15	Tea Break	
16.15-16.45	Relevant Chemical Conventions <ul style="list-style-type: none">• Climate Change Conventions• Stockholm Convention• Minamata• Basel Convention	Mr. Md. Ziaul Haque, Director, DoE
16.45-17.15	Closing Remarks	Mr. Md. Raisul Alam Mondal, DG, DoE