

WORKSHOP REPORT

Regional Workshop for Customs Trainers and National Stakeholders on Monitoring & Control of Ozone Depleting Substances NACEN - INDIA



**United Nations Environment Programme (UNEP)
Division of Technology, Industry and Economics (DTIE)
OzonAction Programme**

**Multilateral Fund for the Implementation
of the Montreal Protocol**

**National Academy of Customs, Excise and Narcotics
(NACEN) Complex
Faridabad, India, 5-9 November 2001**

WORKSHOP REPORT

**Regional Workshop for Customs Trainers
and National Stakeholders
on
Monitoring & Control of Ozone Depleting Substances**

NACEN - INDIA

*3-day Module : Train-the-trainers Workshop and
2-day Module : Train-the-trainers Advanced Course*

organized by

**The United Nations Environment Programme (UNEP)
Division of Technology, Industry and Economics (DTIE)
OzonAction Programme**

and

The Government of India

in co-operation with the

World Customs Organization (WCO)

funded under the

Multilateral Fund for the Implementation of the Montreal Protocol

**National Academy of Customs, Excise and Narcotics
(NACEN) Complex**

Faridabad, India, 5-9 November 2001

TABLE OF CONTENTS

Executive Summary	4
1. Background	6
2. Objectives	8
3. Expected results	9
4. Participants and speakers	9
5. Methodology	10
6. Contents and structure of the workshop	12
7. Results and lessons learned	14
8. Follow-up action plan	18
9. Evaluation by participants	19
10. Annexes	20
Annex 10.1 Agendas and resource materials	21
Annex 10.2 Lists of participants	29
Annex 10.3 Lists of trainers and speakers	32
Annex 10.4 Workshop recommendations	34
Annex 10.5 Evaluation by participants	37
Annex 10.6 About UNEP DTIE OzonAction Programme	41

Executive Summary

The introduction and enforcement of import/export licensing systems for ozone depleting substances (ODS), supported by appropriate legislative and regulatory mechanisms, have been identified as essential requirements by Article 5 (developing) countries to meet their compliance objectives under the Montreal Protocol. Customs agencies and other enforcement bodies play an essential role in the effective monitoring and control of import/export licensing mechanisms, in the collection of import/export data, in the enforcement of ODS regulations and in the prevention of illegal trade.

To deliver a large number of training projects over the entire globe and in different language groups require an approach that is decentralized and is based on engaging institutions from the respective regions for delivering the training. This would (a) assist in building local capacity, (b) promote sustainability, (c) help regionalise project implementation and (d) reduce costs. Based on that concept, some regional and local training institutions have been identified that could be entrusted with delivery of national customs training. In India, the National Academy for Customs, Excise and Narcotics (NACEN) has been selected. The future customs trainers from these institutions have to develop their skills and knowledge before they will be able to teach their colleagues on issues related to monitoring and control of ODS. The 5-day combined workshop in India was designed specifically to achieve this goal. India was selected as the host country since: (1) India is presently one of the largest producers and consumers of ODS in the world and strengthening the control of ODS traffic in India is of great importance for the whole South Asia region, and (2) India is presently implementing a project in collaboration with UNEP on training local enforcement bodies and preparing a strategy for policy and customs officers training. Therefore, the workshop could be a good opportunity for discussing this strategy between the local key stakeholders and exchange views with representatives of other regions of the world.

The workshop was composed of two training modules: a 3-day “standard” UNEP “train-the-trainers” workshop and India was chosen as an example and a 2-day advanced “train-the-trainers” course. While the general objective of the 3-day workshop was to build the capacity of the customs trainers who will be able to teach the other customs officers by actually showing them through the India example how a three day training (that they will need to deliver in future) is delivered, the 2-day advanced course was designed to equip these trainers with additional knowledge and skills to allow them to conduct the train-the-trainers workshops in other countries. Moreover, UNEP has decided to supplement the workshop programme, originally devoted to the Montreal Protocol and ODS, with more detailed information on another important environmental treaty (CITES) in order to test the possibility of introducing to the future customs trainings on an integrated approach that would cover not only Montreal Protocol, but also other MEAs.

Out of 20 participants of the 3-day module 4 represented NACEN, 9 were from other Indian customs institutions, key Indian Ministries and other central institutions involved in ODS monitoring and control in India, 1 from the organisation of Indian ODS producers (REGMA) and 6 were senior customs officers (or ODS control enforcement officers) invited from 5 different regions of the world (representing China, Argentina, Senegal, Mongolia and Oceania Customs Organisation). Representatives of the Indian NOU and PMU were present at the workshop as observers.

14 participants of the 3-day workshop attended the subsequent 2-day advanced course. 6 participants were those invited from different regions of the world and 8 participants represented Indian customs including 4 regional offices of NACEN.

The instructors for the 5-day combined workshop were Dr. Janusz Kozakiewicz, Industrial Chemistry Research Institute, Poland (UNEP International Consultant) and Ms. Meenakshi Passi, Joint Director of NACEN. 14 other speakers, including, *inter alia*, officers from UNEP DTIE and CITES contributed to the workshop programme.

The agenda of 3-day train-the-trainers workshop included the opening ceremony featuring the keynote address by Mr. Rob Hepworth (Deputy Director, DEC, UNEP) and 14 thematic sessions.

The workshop was opened by Mr. K.L. Verma, the then (and presently the Chairman of Central Board of Excise and Customs) Member (Training), Central Board of Excise and Customs who welcomed all participants, speakers and invited guests and pointed out the importance of the workshop for Indian customs. He said that his Administration is aware of the need of training customs officers in monitoring and control of ODS and of the benefits such training can bring to the prevention of illegal trade. In that regard, he expressed his appreciation to UNEP, NACEN and Ozone Cell of Government of India for organising the workshop and declared the willingness of the Central Board of Excise and Customs to collaborate with other key stakeholders on design and implementation of customs training on ODS. He also confirmed his support for the UNEP's idea of active participation of NACEN in training of customs officers in India and in the other regions of the world.

The sessions that constituted the workshop contained:

- presentations dealing with ozone layer depletion, Montreal Protocol provisions, methods of ODS identification, illegal trade in ODS and other issues related to the subject of the workshop.
- a separate session on related international conventions with special emphasis on CITES
- a break-out session where the participants had the opportunity to discuss the substantial problems related to monitoring and control of ODS as well as the plan for further training
- a practical demonstration of ODS identification with assistance of refrigerant identifiers

The participants developed 3 important sets of recommendations concerning general improvements to monitoring and control in India, further customs training programme and raising public awareness on ozone depletion and other related issues (see Annex 10.4). The recommendations were supplemented with detailed designation of responsibility for their implementation. The overall evaluation of the workshop by the participants should be considered as excellent (see Annex 10.5). At the end of the workshop the certificates were handed over to the participants by Shri K. Roy Paul, Special Secretary in the Ministry of Environment and Forests, Government of India.

The agenda of 2-day advanced course that followed the 3-day workshop included sessions dealing with the most sensitive issues related to ozone depletion and the Montreal Protocol, specifics of CITES convention, review of global and regional trade agreements and

sessions devoted to training methodology. Some of the sessions were conducted as seminars with active participation of the audience. Practical exercise on identification of ODS was also part of the course. The participants received a booklet prepared by UNEP International Consultant containing the resource study material that was designed to help them in conducting the train-the-trainers workshops in their regions. Though formal evaluation of the course was not requested from the participants they indicated their appreciation for the course and for resource study materials. At the end of the workshop, certificates were handed over to the participants by the Director General of NACEN, Shri Dalbir Singh.

The combined report of the 5-day workshop including both the modules will be disseminated to all participants and members of the contact group on customs training. It will also be placed on UNEP's homepage at: <http://www.uneptie.org/ozonaction.html>

1. Background

Upon the discovery that CFCs and other human-made substances are leading to a depletion of the ozone layer, the international community negotiated the Vienna Convention for the Protection of the Ozone Layer in 1985. Following this, the Montreal Protocol on Substances that Deplete the Ozone Layer was negotiated in 1987 with the objective of reducing and finally phasing out the production and consumption of ozone-depleting substances. The compliance regime for developing countries under the Montreal Protocol began in 1999. To make progress in the phase out of Ozone Depleting Substances (ODS) such as CFCs, Halons, CTC, MCF, MB, there is a need to monitor the import and export of ODS. The introduction and enforcement of import/export licensing systems, supported by appropriate legislative and regulatory mechanisms, have been identified as essential requirements by developing (Article 5) countries to meet their compliance objectives under the Montreal Protocol. India acceded to the Vienna Convention on 18th March 1991 and Montreal Protocol and London Amendment to the Montreal Protocol on 19th June 1992. The India Country Programme for ODS Phase-out was prepared in 1993. The workshop was organised to build the capacity of the customs trainers who will be able to teach the other customs officers by actually showing them through the India example how a three day training (that they will need to deliver in future)

India is presently one of the major producers and consumers of ODS in the world. The substances produced are: CFC-11, CFC-12, CFC-113, CTC, MB and HCFC-22. Halons and MCF had also been manufactured, but the production was stopped. In 1999 total CFCs production was over 20,000 MT, but the programme approved by Indian Government assumes gradual decrease to zero production in 2010. This would be possible due to production phase-out projects already completed and planned to be implemented in the industry and to the production quota system that has been already introduced and is working quite effectively. Though most of ODS produced in India are exported, actual consumption(usage) of ODS is still very high – in 1999 over 8,000MT of CFCs, 8,000MT of HCFC-22 and near 15,000MT of CTC were used. Though a number of conversion projects has been introduced aiming at diminishing ODS use in certain sectors (aerosol, foam, R&AC, solvent etc.), demand is still very high, especially in servicing R&AC equipment. A very well designed ODS import/export licensing and quota system has been developed that allowed to monitor and control the flow of ODS to and from the country. However, the present taxation system makes the price of legally produced CFCs quite high on Indian market while illegally imported CFCs cost much less. This may be the main reason of development of illegal trade in

ODS observed recently in India. Curbing that illegal ODS traffic has become quite important for India and also for the whole South Asia Region.

Customs agencies and other enforcement bodies play an essential role in the effective monitoring and control of import/export licensing mechanisms, in the collection of import/export data, in the enforcement of ODS regulations and in the prevention of illegal trade. In order to effectively implement and enforce a given regulatory regime, customs agencies must be made familiar with any legislative and regulatory mechanisms that require their attention. To achieve this objective, the training programme for customs officers must be aimed at (1) enabling customs officers to control and monitor the imports and exports of CFC refrigerants as well as other ODS and (2) assisting the country to comply with the freeze and phase-out schedules for ODS under the Montreal Protocol.

The standard UNEP training programme for customs officers follows the "train-the-trainers" approach with the following key stages:

- Phase I is "train-the-trainers" workshop. Once the national ODS import/export licensing system is in place or ready to be put in place and a Country Handbook on ODS legislation and import-export licensing system has been prepared Phase I is conducted. A group of 20-25 selected customs trainers, senior customs officers and other stakeholders involved in the monitoring and control of ODS are trained as trainers by an international consultant.
- Phase II: A selected group of customs officers from the most important customs entry points are trained by the local trainers trained during Phase I.
- Phase III (concurrent with phase I and II) is monitoring and evaluation of the results of the programme and preparation of a follow-up report.

Based on the above principle, since 1999 UNEP DTIE has been successfully organising train-the-trainers workshops on monitoring and control of ODS for customs officers in Article 5 countries. The programmes of those 3-day workshops are similar and are based on the generic agenda contained in "Training Manual for Customs Officers" published by UNEP DTIE in co-operation with other agencies and institutions. The 5-day workshop in India has been designed differently in order to allow for participation of future trainers not only from India, but also from other countries and to extend the 3-day standard training programme for further two days for selected group of participants to appoint trainers from India and from other regions of the world that would be able to further conduct training in the other countries. Therefore, the workshop has been split into two separate modules: 3-day "standard" train-the-trainers workshop and an advanced 2-day "train-the-trainers" course. The programme of the 5-day combined training on the issues related to the Montreal Protocol, in particular to monitoring and control of ODS, was further extended by UNEP to accommodate detailed presentations on CITES - another important MEA where the problem of illegal trade is also quite significant.

The combined 5-day training was held in the facilities of National Academy of Customs, Excise and Narcotics (NACEN), a leading institution in India specialized in training of customs officers. The participants were selected customs trainers from different regions of the world, NACEN trainers and key stakeholders from India. Detailed information on participants and speakers will be presented in Chapter 4 below.

2. Objectives

The main objective of the 3-day “standard” workshop for NACEN trainers and key customs trainers from different regions of the world was to build their capacity for delivering UNEP customs training module in their respective regions. The objective for other participants was to build their capacity on Montreal Protocol related issues for subsequent development of policy and training strategy for India. The detection and prevention of illegal trade is part of this training.

The training objectives were achieved by:

- I. Increasing awareness of ozone depletion issues
- II. Introducing the different types of ODS being used in the particular sector and for which applications
- III. Introducing the provisions and phase-out schedules of the Montreal Protocol and its Amendments and basic elements of related international conventions, specifically CITES Convention
- IV. Providing officers with understanding of the national obligations and response with regard to monitoring and control of ODS
- V. Providing an overview on the licensing and quota system for ODS and its implications for customs officers, and other stakeholders.
- VI. Presenting the revised HS customs codes for ODS and products containing them and pointing out the problems in identification of ODS/ODS-containing products by the customs codes
- VII. Refining and optimizing the establishment of the operational details of the monitoring and control system for ODS in India
- VIII. Providing an overview of regional context of monitoring and control system for ODS and discussing the most popular ODS smuggling schemes
- IX. Training in the use of identification equipment for refrigerants
- X. Designing the basic elements of the training of the remaining customs officers in the country.

Second important objective of the 3-day workshop (using the India example) was equipping the selected group of customs officers representing NACEN and customs agencies from 5 different regions of the world with basic knowledge needed for understanding the module and its delivery and for active participation in subsequent 2-day advanced course. Yet another special objective of the workshop was to test the possibility of inclusion of more information on illegal trade activities related to environmental conventions other than the Montreal Protocol (in this case extended information on CITES was provided) to the workshop devoted strictly to monitoring and control of ODS. This idea originated from the meeting in Paris held on 1 October 2001 where the concept of integrated customs training strategy was discussed.

The detailed programme of 3-day workshop designed to meet the above objectives is given in Chapter 5 below.

The main objective of the 2-days advanced “train-the-trainers-of-the-trainers” course that followed the “standard” 3-days workshop was to provide the selected group of customs officers from different regions of the world with knowledge and skills related to monitoring and control of ODS so as to establish the background needed for them to be able to conduct 3-days “standard” UNEP modules not only in their own countries, but also in the other countries in their regions. This would allow for fast and cost-effective spreading of the knowledge and

skills needed to better monitor and control trade in ODS and to prevent and combat illegal trade in ODS all over the globe. This objective was achieved through the programme especially designed for that course explained in Chapter 5 below.

3. Expected results

The immediate substantial result of the combined 5-day training will be availability of a number of knowledgeable and skilled customs officers from different regions of the world who may be able to teach the future customs trainers in those regions on problems related to monitoring and control of ODS traffic. This will be in line with the general concept of regionalisation of the OzonAction Programme. Development of a training approach and recommendations for the subsequent Phase II training of customs and enforcement officers in India will also be an important output from the training. It is expected that a Montreal Protocol related training module will be included in the ongoing training programmes of the customs department for new customs officers in India and that it will also be integrated in the refresher courses for experienced officers. Thus the sustainability of the training programme will be ensured.

The expected long-term result of the combined 5-day workshop is to enhance awareness of ozone depletion issues among customs authorities and other relevant stakeholders as well as the achievement of the specific training objectives as stated in Chapter 2.

In addition, synergies for the enforcement of other relevant international environmental agreements such as the Basel Convention, Rotterdam Convention, Kyoto Protocol and specifically CITES will be encouraged. It is expected that the workshop held in India will serve as a test of possible integrated approach to customs training and that the lessons learnt from it will be taken into account in designing the future integrated customs training workshops.

4. Participants and speakers

In total, 20 participants attended the 3-day standard train-the-trainers workshop. There were 4 senior officers from National Academy of Customs, Excise and Narcotics of India (NACEN), 4 senior officers representing other Indian customs institutions (including Customs and Central Excise - Directorate General for Inspection), 5 senior officers from key Ministries (Environment and Forests, Finance, Small Scale Industries) and other central institutions involved in ODS monitoring and control in India (Central Excise - Bangalore, Office of the Development Commissioner), 1 representative of the organisation of Indian ODS producers (REGMA) and 6 senior customs officers (or ODS control enforcement officer) invited from 5 different regions of the world (representing China, Argentina, Senegal, Mongolia and Oceania Customs Organisation). Representatives of Indian NOU and PMU were present at the workshop as observers.

14 participants of the 3-day workshop attended the subsequent 2-day advanced course. 6 participants were those invited from different regions of the world and 8 participants represented Indian customs including 4 regional offices of NACEN.

The complete list of participants is attached as Annex 10.2.

The instructors for the 5-day combined workshop were:

Dr. Janusz Kozakiewicz, Industrial Chemistry Research Institute, Poland (UNEP International Consultant)

Ms. Meenakshi Passi, Joint Director of National Academy of Customs, Excise and Narcotics, India

Additional resource persons and speakers for 3-day and 2-day modules were:

Name	Institution	3-day module	2-day module
Mr. John Sellar	CITES	Ú	Ú
Mr. Suresh Raj	UNEP DTIE	Ú	
Mr. Atul Bagai	UNEP DTIE	Ú	
Dr. Anoop Swarup	Ministry of Finance, India	Ú	
Mr. O.P. Hisaria	Directorate General of Foreign Trade, India	Ú	
Mr. K.M. Nair	NACEN, India	Ú	
Mr. M.K. Sil	NACEN, India	Ú	
Mr. Rattan Barua	National consultant, India		Ú
Mr. S.C. Wadhwa	Guyarat Fluorochemicals Ltd, India	Ú	
Mr. R. Shekhar	Central Board of Excise and Customs, India	Ú	
Mr. J. Kataria	Explosives Board, India	Ú	
Ms. Debbie Banks	EIA	Ú	
Mr. S.K. Ghosh	National Institute of Financial Management, India		Ú

The details of all trainers/speakers and other resource persons are attached as Annex 10.3.

5. Methodology

As it was mentioned in Chapter 1, the workshop was split into two separate modules: 3-day “standard” train-the-trainers workshop and an advanced 2-day “train-the-trainers” course. The methodology used in both modules is described below in detail.

5.1. The 3-day workshop

The general idea of the 3-day train-the-trainers module carried out in India was to build up the capacity and skills of customs trainers from India and from the other countries to carry on training on issues related to monitoring and control of ODS. The international aspect of the workshop was of great importance since the participants who represented different regions of the world were supposed to follow the programme of the workshop when conducting further training in their regions.

The workshop was conducted in English. The training materials consisting of UNEP's publication "Training Manual for Customs Officers", copies of all presentations and break-out session forms as well as UNEP and EIA brochures dealing with illegal trade in ODS were distributed to the participants at the workshop. At the special "hands-on" session, practical demonstration of ODS identification was made. Two video films: a UNEP film presenting the threat of ozone depletion to the life on Earth and an EIA film describing the cases of illegal trade in ODS were shown to the participants.

The design of the workshop was different from the workshops of this kind conducted before in other countries mainly because apart from the "standard" module containing break-out and hands-on sessions and presentations on ozone layer depletion, the Montreal Protocol provisions and a number of issues related to monitoring and control of ODS given by UNEP International Consultant, trainers from NACEN and selected local speakers, the invited speaker presented a detailed approach to another major environmental treaty (CITES) where the role of customs in enforcing the regulations is also crucial. Another difference was that in addition to presentation on customs classification of ODS and ODS-containing equipment and other goods under the HS system that is always given as part of standard workshop programme, the panel discussion on introduction of eight digit coding of ODS in India was held with participation of representatives of Indian DGFT, Indian customs and UNEP International Consultant.

5.2. The 2-day advanced course

The 2-day advanced train-the-trainers course that followed the 3-day workshop was designed specifically to provide to the participants extended information on issues related to the Montreal Protocol and allow them to exercise their skills through discussing specific questions concerning ozone layer depletion, studying selected cases of trade in ODS and solving practical problems with identification of ODS under the guidance of UNEP International Consultant. Two separate sessions were devoted to general training methodology and training methodology specific to the customs workshops on ODS what equipped the participants with basic knowledge needed for conducting the workshops themselves. The participants were also informed about global and regional trade agreements and about EIA efforts to track illegal trade in ODS and listened to presentation on provisions of CITES. The participants received detailed written information on those issues.

At the beginning of the course the participants received a booklet designed by the UNEP International Consultant that containing detailed resource study materials that would help them in preparing the train-the-trainer workshops on monitoring and control of ODS for customs officers in different regions of the world. Contents of that booklet are given in Annex 10.1

The workshop report will be disseminated to all participants and members of the contact group on customs training. It will also be placed on UNEP's homepage at: <http://www.unep.org/ozonaction.html>

6. Contents and structure of the workshop

6.1. The 3-day workshop

The 3-day train-the-trainers module included the following sessions:

Opening session

Introduction

Session 1: Ozone layer depletion

Session 2: International response

Session 3: Related international conventions (including special presentation on CITES)

Session 4: Global & regional context

Session 5: National obligations and response

Session 6: National import / export licensing system

Session 7: Identification of ODS and ODS-containing equipment and goods (including panel discussion on eight digit coding of ODS in India)

Session 8: Problem of illegal trade in ODS and possible means to solve it (including special presentation on illegal trade in ODS from regional perspective)

Session 9: Role of customs officers and other key stakeholders

Session 10: Checking papers, forms and permits

Session 11: Safe handling, transport and storage of ODS

Session 12: Practical exercises on identification of ODS

Session 13: Breakout Session on effective operation of ODS import / export licensing system and enforcement of ODS regulations

Session 14: Workshop evaluation and development of workshop final recommendations

Closing Session

Detailed Workshop Agenda is attached in Annex 10.1

4 working groups were created during the breakout session in order to discuss specific topics in the area of operation of the ODS import/export licensing system and of the enforcement of ODS regulations. The groups discussed, respectively, the following topics:

1. "Effective operation of the ODS import/export licensing system",
2. "Enforcement of ODS regulations",
3. "Mass awareness and participation" and
4. "Action Plan for Phase II training".

Each group prepared reports with their findings and recommendations that were then discussed in the plenary and became the basis for formulating the final workshop recommendations. Based on results of discussion held in the working groups and in the plenary not only the general recommendations, but also specific recommendations for mass

awareness and participation as well as a detailed draft plan for executing further customs training were developed – see Annex 10.4.

It was recommended that NACEN would take the lead in training of the remaining customs and enforcement officers in the country and that both experienced and newly employed customs officers would receive training on ozone-related issues. More train-the-trainers workshops would be carried out to spread the knowledge in Customs Commissionerates. NOU would be responsible for monitoring the training progress.

At the end of the 3-day module, each participant received a “Certificate of Participation” from the Government of India handed out by Special Secretary in the Ministry of Environment and Forests, Shri K. Roy Paul.

6.2. The 2-day advanced course

The 2-day advanced train-the-trainers-of-the-trainers module included the following sessions:

- Introduction
- Teasers in Montreal Protocol
- CITES Convention
- Global and regional trade agreements
- Identification of ODS (practical exercise)
- Illegal trade in ODS (EIA’s experience)
- Illegal trade in ODS (round table discussion)
- Case studies
- Training methodology specific to customs training and control of ODS
- General training methodology
- Closing remarks

Detailed agenda of the course is attached in Annex 10.1

Unlike at the 3-day “standard” workshop, some of the sessions contained in the 2-day advanced course (Teasers in the Montreal Protocol, Case Studies, General Training Methodology) were conducted as seminars with active participation of the audience. E.g. the participants were asked to answer the questions related to ozone layer depletion or to discuss the specific cases of trade in ODS explained later by the UNEP International Consultant. Round table discussion on illegal trade was made in a brainstorming style that helped in pointing out the most important issues for the participants. At the session on practical identification of ODS the participants were split into groups. Each group had to identify the disguised material (ODS or not ODS gas or solvent) delivered in three containers based on the information contained in customs declaration and displayed on the containers, present their findings in the plenary and then check the actual contents of the cylinders using refrigerant identifier without any assistance from the instructors. The experiments were designed by the UNEP International Consultant, but the assistance of the representative of REGMA in preparation of disguised containers should be very much appreciated.

7. Results and lessons learned

7.1. The 3-day workshop

The objectives set out for the workshop were fully met through the appropriate design of the workshop agenda during which the 14 workshop sessions addressed all relevant issues. A detailed evaluation of the most relevant issues is included in Annex 10.5.

OBJECTIVES SET OUT	RESULTS ACHIEVED
I. Increasing awareness of ozone depletion issues	Through Sessions 1, 2, 4 and the video film
II. Familiarizing enforcement officers with the different types of ODS being used in the sector and for which applications	Through Sessions 2, 5, 7
III. Familiarizing enforcement officers with the provisions and phase-out schedules of the Montreal Protocol and its Amendments and with related international conventions, specifically CITES Convention	Through Sessions 2, 3
IV. Providing officers, through the India example, with understanding of the national obligations and response with regard to monitoring and control of ODS	Through Sessions 5, 8
V. Providing an overview on the national licensing and quota system for ODS and its implications for customs officers	Through Sessions 6, 9, 10, 11
VI. Presenting the revised HS customs codes for ODS and products containing them and pointing out the problems in identification of ODS/ODS-containing products by the customs codes	Through Sessions 7, 8
VII. Refining and optimizing the operational details of the monitoring and control system for ODS in India	Through Sessions 6, 13
VIII. Providing an overview of regional context of monitoring and control system for ODS and discussing the most popular ODS smuggling schemes	Through Sessions 4, 8
IX. Training in the use of identification equipment for refrigerants	Through Session 12
X. Designing the basic elements of the training of the remaining customs officers in the country.	Through Session 13

In addition, the following specific outcomes were achieved:

- Successful training and certification of 20 participants (including 6 participants from outside India) on monitoring and controlling of imports and exports of ODS and ODS products / equipment. This, followed by the further training of the selected remaining customs officers in the country should be a major help in preventing the illegal trade in ODS in the region.
- Allowing the participants selected to attend the subsequent advanced course to acquire basic knowledge and skills needed for that course
- Explaining and demonstrating methods of identification of ODS refrigerants and suggesting the right approach to checking freight papers and permits. The practical demonstrations included the use of two different digital ODS identifiers
- Demonstrating the photos of various ODS containers and the smart methods used to smuggle ODS

- Exchange of information and experiences between the participants and development of a network of personal contacts
- Development of suggestions for amendments to the proposed 8-digit coding system for ODS that is supposed to be applied in India
- Development of suggestions for rationalisation of tax structure in India to ensure that the price disparity between the regional prices of ODS are brought down
- Detailed workshop recommendations by the participants containing, inter alia, a detailed draft plan for designing further customs training and policy and training strategy in India and suggestions for increasing public awareness and participation in phasing out ODS in India (see Annex 10.4)
- Valuable comments on the workshop itself, "India Country Handbook" and UNEP "Customs Training Manual" given by the participants (see Annex 10.5).
- Certification of the participants by the Government of India

The following lessons were learned from the workshop:

- The workshop clearly demonstrated how important the proper selection of the participants can be for the success of the workshop. Undoubtedly, the presence of experienced NACEN customs trainers as participants added much to the discussions and allowed for development of valuable recommendations. However, difference in level of background between the individual participants could be clearly noticed – it was even pointed out by one of the participants in the workshop evaluation questionnaire
- Introducing the panel discussion on ODS customs codes to the workshop programme appeared to be very useful since the discussion revealed some inconsistencies in the current customs classification of ODS in India and in the proposed new 8-digit coding thus assisting in better design of this new system.
- Detailed discussion on ODS smuggling schemes observed in the region that was carried out after the presentation on illegal trade from regional perspective was very useful since it was possible to understand the mechanisms of such illegal activities and specify the reasons what allowed to formulate relevant recommendations for the Government. The proactive role of representative of Indian ODS producers in pointing out the most important issues to be dealt with in order to prevent illegal ODS traffic in India should be emphasised here.
- Presentation of EIA film on illegal trade activities related to ODS seemed to be very useful and it is suggested that this film is shown at the next workshops for customs officers. The EIA brochure on illegal trade in ODS and recent UNEP publication (special issue of OzonAction Bulletin) on the same topic distributed at the workshop were also quite informative and useful for the participants.
- Idea of including extended information on CITES in the workshop programme designed basically to deal with the issues related to monitoring and control of ODS in the country under the Montreal Protocol provisions was not accepted by the participants and did not prove to be useful. The reasons were :

- (a) The participants were well acquainted with that topic since a regular course on CITES is taught periodically to customs officers in India (and in many other countries).
- (b) The Montreal Protocol is very technically oriented and implementation of national regulations dealing with that treaty requires deep understanding of its provisions by the enforcement officers, including customs. Thus, it is necessary to use the full time of the workshop for the issues related to the Montreal Protocol

Therefore, the UNEP's suggestion to organise workshops for customs officers where detailed information on various international conventions (Montreal Protocol, CITES, Basel) would be presented could be supported only if such workshop would:

- (a) last much longer (even 5 days seem to be too little taking into account repeated complaints by the participants of too short duration of 3-day workshops devoted solely to the Montreal Protocol) and
 - (b) be structured in such way that the information related to particular conventions is split to separate blocks. Mixing the information would probably create confusion.
 - (c) Some of the other lessons learnt on integrated training from the training workshop: Special training modules and training manuals need to be developed/ Information dissemination to be user friendly/common platform for diverse issues to be developed.
- The participants suggested that time used for presentation on CITES could have been rather applied for extending the information on ozone layer depletion. It is then proposed that time devoted to the presentation on ozone layer depletion is prolonged in the agendas of next UNEP train-the-trainers workshops for customs officers
 - It seems that more time should also be devoted to practical exercises on identification of ODS taking into account that the participants would later on have to teach the other customs officers how to identify ODS in practice. It is suggested that at the future train-the-trainers workshops the participants would not volunteer to test the refrigerant identifier, but rather each participant will be requested to use the equipment individually.
 - The idea of including discussion on executing the further customs training in the country as one of the topics for the break-out session suggested already in the reports from the earlier train-the-trainers workshops was proved to be very good since it was easier to bring up all important aspects of that issue during the meeting in smaller group than in the plenary session. This will then become a practical approach at the future customs training workshops.
 - As in the other customs training workshops the participants suggested that in the future workshops of this kind the visits to producers of ODS equipment as well as to the customs field stations should be organised and that the workshops should be extended to at least 4 days since 3-day module is too tight

7.2. The 2-day advanced course

The objective of the course was met through careful design of the sessions and resource study materials that were closely related to the subjects discussed during the sessions and helped the participants to think over the problems addressed by the course. In general, the sessions were :

- dealing more deeply with the issues already briefly discussed at the “standard” 3-day workshop in order to point out the most sensitive elements and to release participants’ own initiative in approaching the problems set out by the instructor (sessions on Teasers in the Montreal Protocol, Case Studies, Illegal Trade in ODS)
- introducing entirely new information needed for supplementing the knowledge of future trainers-of-the-trainers (sessions on Global and Regional Trade Agreements, CITES Convention, Training Methodology Specific to Customs Training and Control of ODS and General Training Methodology)
- allowing participants to practice the skills needed for being future instructors for the others (Practical Exercise on Identification of ODS)

The following lessons were learned from the advanced course:

- it was general feeling of the instructors and UNEP representatives that the 2-day advanced course, though undoubtedly very useful, was definitely not enough to provide the participants with skills and experience needed to conduct by oneself the train-the-trainers workshops. This is simply because the issues related to ozone layer depletion, Montreal Protocol provisions and problems of trading in ODS are very technical and some time is required for newly appointed customs trainer to be acquainted with the specifics of training on monitoring and control of ODS. It should be pointed out that even NACEN trainer who was quite experienced in teaching customs officers had to assist UNEP International Consultant in conducting few workshops before she gained knowledge and skills needed to become self-sufficient trainer in ODS issues. Therefore, it has been agreed that the participants who completed the 2-day advanced course will have to conduct their first few workshops together with more experienced UNEP International Consultants.
- the idea of pointing out the most sensitive and difficult for interpretation (sometimes even controversial) problems related to the Montreal Protocol provisions and ozone layer depletion in the session “Teasers in the Montreal Protocol” and discussing them in the plenary with active participation of the audience appeared to work very well in practice. Also going deep into interpretation of the Montreal Protocol provisions when discussing the specific cases of illegal trade in ODS in “Case Studies” session seemed to be quite effective. However, such approach could be used only because the participants already acquired some basic knowledge of monitoring and control of ODS at the “standard” 3-day course. Therefore, it would be possible to apply this particular way of teaching only at the other advanced training courses related to the Montreal Protocol. It may be then suggested that such advanced training courses are organised by UNEP on regional basis to allow the customs authorities and other relevant key stakeholders in developing and CEIT countries to understand better the most sensitive problems connected with ozone layer depletion and ODS phase out as well as with monitoring and control of ODS.
- the practical exercise on identification of ODS added much value to the course since it enabled the participants :

- (a) to be really involved in some kind of competition (there was a competition between the groups on which group would be able to identify the contents of the containers more accurately)
- (b) to learn how to deal practically (also manually) with ODS-suspected merchandise similar to the real one customs officers may be faced with on the border, and specifically how to draw conclusions from information contained in customs documents and displayed on the containers and how to use the refrigerant identifiers.

However, again, this kind of approach to the session on practical identification of ODS could be used only because the participants had been already given the necessary background at 3-day “standard” workshop.

- it seems that the detailed information on global and regional trade agreements presented during the course was really necessary for the participants to understand all complex links between the environmental and trade-related treaties resulting in certain limitations in applying and strengthening the provisions of the former, including the Montreal Protocol.
- as it has already been pointed out above when discussing the lessons learned from the 3-day workshop, the idea of including detailed presentation on CITES in the course devoted to monitoring and control of ODS did not prove to be good. Though the presentation on CITES was quite interesting, the participants indicated that they would prefer to learn more on ODS than listen to extended information about CITES.

Based on the above, it seems that useful improvement of the existing teaching scheme used in train-the-trainers workshops for customs officers on ODS could be to change the 3-day module to 4-day module that would allow to add some valuable sessions to the agenda: Teasers in the Montreal Protocol, Case Studies, Practical Exercises in Identification of ODS and Training Methodology Specific to Customs Training on Control of ODS and save time for study visit to customs check point or to the company that uses ODS at present or used ODS in the past and has been converted to alternative technology.

8. Follow-up action plan

8.1. The 3-day train-the-trainers workshop

India is implementing a major project in collaboration with UNEP on training enforcement bodies in India and preparing a strategy for policy and customs officers training. The objective of this project is to assist Government of India formulate a strategy and an action plan for implementation and enforcement of all the policies and regulations related to ODS phase-out including a strategy for customs officers training in India. The participation of NACEN trainers, senior customs officers and other key stakeholders from India at the 3-day train-the-trainers workshop gave India an insight into preparing the Phase I and the subsequent phases of training of customs officers in the country. It has been recommended that NACEN will take a lead in organisation of the training. It is planned that before the relevant MOU is signed between UNEP and NOU, three pilot training projects are taken up at Lucknow, Patna Commissionerates and Calcutta Customs. Then, more train-the-trainers

workshops will have to be organised in order to spread the knowledge wider in Customs Commissionerates. The funding for these will need to be considered in the proposed project.

It has also been suggested that the NOU and other agencies involved will consider and, as far as possible, take care of implementation of workshop recommendations for further training through the proposed project to be submitted to the Fund and also of the other two sets of recommendations as adopted by the workshop participants (see Annex 10.4). The recommendations will also be communicated to the relevant decision-makers and politicians, and their support requested.

8.2. The 2-day advanced course

The participants from India and from the other regions of the world who completed the course and have been identified by UNEP as customs trainers are further supposed to deliver the train-the-trainers workshops in their own countries and in the other countries in their regions. It seems rational that, in the beginning, one or two workshops will be delivered by each newly identified customs trainer together with UNEP International Consultant or NACEN trainer experienced in conducting workshops on ODS monitoring and control. UNEP will assist in organisation of the training of customs officers in the regions covered by activities of newly identified trainers.

9. Evaluation by participants

9.1. The 3-day workshop

The overall evaluation of the workshop (Q1) was excellent - all marks were “excellent” or “very good” and the “excellent” rating distinctly prevailed (“excellent” – 63% and “very good” – 37%) . Very encouraging evaluation results were obtained with regard to the question concerning the usefulness of the course (Q2, Q6) and the training materials (Q7). Also the presentations and break-out sessions received quite high ratings.

A graphic analysis of the received evaluation questionnaires as well as the detailed comments received from the workshop participants concerning the workshop itself, the UNEP “Training Manual for Customs Officers” and to “India Country Handbook” are included in Annex 10.5.

9.2. The 2-day advanced course

No formal UNEP evaluation questionnaire was given to the participants of 2-day advanced course, but after the course had been completed, the participants expressed their appreciation to the programme and the way it was realised by the instructors. Specifically, they pointed out the usefulness of practical exercise on identification of ODS which provided the opportunity for them to test their knowledge and skills in investigating the ODS-suspected merchandise. They also appreciated very much the resource study materials that were prepared for them to be used in their future work as trainers.

10. Annexes

Annex 10.1	Agendas for 3-day and 2-day module
Annex 10.2	Lists of participants
Annex 10.3	Lists of trainers / speakers
Annex 10.4	Workshop recommendations
Annex 10.5	Evaluation by participants
Annex 10.6	Resource materials
Annex 10.7	About UNEP DTIE OzonAction Programme

ANNEX 10.1 Agendas and resource materials

Agenda for the 3-days workshop

Day 1

- 9:30 Registration of participants
- 10:00 Opening ceremony
- Welcome address and workshop objectives by Ozone Officer, *Mrs. Usha Chandrashekhar, Director, Ozone, Government of India*
 - Keynote Address on behalf of UNEP, *Rob Hepworth, Deputy Director, Department of Environmental Conventions, UNEP*
 - The training team and workshop approach, *Dr. Janusz Kozakiewicz, ICRI, Poland, (UNEP International Consultant)*
 - Introductory speech on behalf on CITES secretariat, *Mr. John Sellar, CITES Secretariat*
 - Workshop opening, *Mr. K. L. Verma, Member (Training), Central Board of Excise and Customs, Ministry of Finance, Government of India.*
 -
- 11:00 Break
- 11:15 Introduction, *Ms. Meenakshi Passi, NACEN*
- Introduction of faculty and participants
 - Linking course to the world situation
 - Objective of the Course
 - Outline of the Course
 - Questions and answers
- 12:00 Session 1: Ozone layer depletion, *Dr. Janusz Kozakiewicz*
- UNEP video: Every Action Counts
 - Environmental and human health consequences
 - Ozone layer science
 - Discussion
- 12:30 Session 2: International response, *Mr. Suresh Raj*
- International response - the Montreal Protocol and its Amendments
 - Phase-out schedule and strategies for Article 2 and Article 5 countries
 - Discussion
- 13:15 LUNCH
- 14:15 Session 3: Related International Conventions: *Mr. John Sellar, CITES Secretariat/ Dr. Janusz Kozakiewicz*
- CITES, *Mr. John Sellar*
 - Other Related International Conventions *Dr. Janusz Kozakiewicz*
 - Kyoto Protocol (global warming)
 - Basel Convention (hazardous waste)
 - Rotterdam/Stockholm Convention (hazardous pollutants)
 - Lusaka Agreement (illegal trade in wild fauna and flora)
 - Common features related to the control of trade and synergies for customs authorities for effective enforcement.
 - Discussion
- 1530 TEA

1545 Session 4: Global and regional context, *Dr. Anoop Swarup, Director (Anti-smuggling)*

- Global production and trade with ODS and ODS-containing products
- Regional and global trade agreements
- Transshipment harbours, production, disposal, reclaim facilities in the region
- Impact on trade and economy
- Discussion

1630 Video on EIA's experiences on illegal trade

16:45 Wrap-up sessions and workshop recommendations, *Dr. Janusz. Kozakiewicz*

Day 2

9:30 Session 5: National obligations and response, *Dr.S. Satpathy, MoEF (presented by Mr. A. Bagai, UNEP DTIE)*

- Overview of national ODS consumption pattern
- National phase-out and reporting obligations
- National response - Refrigerant Management Plan
- Discussion

10:15 Session 6: National import/export licensing system, *Mr. O.P. Hisaria,, Deputy, DGFT and Dr. S. Sathpathy, MoEF (presented by Mr. Hisaria)*

- Institutional framework
- National ODS regulations
- Structure of national import/export licensing system
- Institutional arrangements and procedures to manage the system
- Import quotas and application for permits and allowances
- Information to importers, wholesalers and end-users
- Handling of seized ODS and ODS-containing equipment and goods
- Enforcement and penalties
- Forms introduced by the licensing system
- Discussion

1115 TEA

1130 Session 7: Identification of ODS and ODS-containing equipment and goods, *Dr. J. Kozakiewicz*

- Harmonized System codes for pure ODS, ODS-containing mixtures and ODS-containing products
- Eight digit coding on ODS in India – a panel discussion : Panelists : *Mr. R..Shekhar, Addl. Comm. Customs, Mr. O.P. Hisaria and Dr. Janusz Kozakiewicz*
- Common trade names for ODS and ODS-containing mixtures, Other means of identification of ODS (labelling, ASHRAE/CAS Numbers, colour codes, etc.) and detection of mislabelled containers
- Identification of ODS-containing equipment and goods
- Examples of ODS containers and cylinders and ODS-containing equipment and goods
- Discussion

13:00 LUNCH

14:00 Session 8: Problem of illegal trade in ODS and possible means to solve it, *Ms. Meenakshi Passi,*

- Global dimension of illegal trade in ODS
- Causes and trends of illegal trade in ODS
- Problems in monitoring and control of trade in ODS by the customs
- Methods of illegal trade in ODS
- Detecting legal and illegal trade in ODS
- Involvement Of International Agencies And NGOs In Monitoring And Combat Of Illegal Trade Of ODS
- Problem of illegal trade in ODS from regional perspective, *Mr. S.C. Wadhwa. REGMA*

1530 TEA

- 1545 Session 9: Role of customs officers and other stakeholders, *Mr. K.M. Nair, Addl. Director NACEN*
- Key players in monitoring and control imports/exports of ODS and ODS-containing equipment and goods (customs, coast guard, police, court, chemistry, laboratory, importers, wholesalers, end-users)
 - Reporting legal and illegal trade with ODS and ODS-containing products
 - Enforcing ODS legislation
 - Checklist for customs officers
 - Discussion

16:15 General introduction to Session 10: Checking papers, forms and permits, *Mr. M.K.Sil, Deputy Director, NACEN*

- 16:30 Session 10: Checking papers, forms and permits, *Mr. M.K.Sil*
- Logistics and data management
 - Application forms, permit forms, freight papers, retrofit certificates etc.
 - Practical exercise on checking freight papers and permits
 - Discussion

17:15 Wrap-up session and workshop recommendations, *Ms. Meenakshi Passi*

Day 3

- 09:30 Session 11: Safe handling, transport and storage of ODS, *Ms. Meenakshi Passi*
- ODS Chemical information relevant to customs officers
 - Safe handling of ODS and ODS-containing products
 - Safe transport and storage of ODS and ODS-containing products
 - Safe sampling of ODS - who is allowed to take samples and to use refrigerant identifiers
 - Safety aspects of dealing with ODS in pressurised cylinders and other containers (*Mr. J. Kataria, Department of Explosives*)
- Discussion

09:50 Session 12: Practical exercises on identification of ODS, *Dr. Janusz Kozakiewicz and Ms. Meenakshi Passi*

- Use of refrigerant identifiers (theory)
- Hands-on work with CFC detection equipment if available
- Identification of ODS-containing equipment and goods if available

10:50 Introduction to break-out Session 13: Effective operation of ODS import / export licensing system and enforcement of ODS regulations, *Ms. Meenakshi Passi*

- In addition to three key topics, participants may suggest 1 additional topic of interest:
 - Topic 1: How to effectively operate ODS import / export licensing systems
 - Topic 2: How to effectively enforce ODS regulations
 - Topic 3: Action Planning for further Customs Training, *Dr. J. Kozakiewicz/Ms. Meenakshi Passi*
 - How to design further customs training (approach, duration, agenda, schedule, trainers, participants etc.)
 - Which training materials should be used for customs training and what should be the key contents of the training
 - How to ensure timely implementation, monitoring and reporting
- ? Topic 4 (suggested by participants) : Mass Awareness and Participation

11:15 TEA

11:30 Break-out Session 13: Effective operation of ODS import / export licensing system and enforcement of ODS regulations/ Action Planning for further Customs Training, *Dr. Janusz Kozakiewicz and Ms. Meenakshi Passi*

- Group moderators will co-ordinate the break-out sessions. They will ensure the preparation of a short report and presentation of their findings including the group recommendations.

13:00 Lunch

14:00 Break-out Session 13: Presentation of findings of the group work to the plenary, *Ms. Meenakshi Passi*

- Hand-over of reports to the lead consultant
- Presentation of group recommendations to the plenary (10 min per group)
- Discussion and adoption of group recommendations (5 min per group)
- Feedback on the break-out session

15:30 TEA

16:00 Session 14: Workshop evaluation and development of workshop final recommendations

- Completion of evaluation questionnaires
- General feedback and comments from participants and organizers
- Discussion of workshop final conclusions and recommendations

16:30 Closing session

- Closing statement on behalf of UNEP DTIE's OzonAction Programme and the training team (5 min), *Mr. Suresh Raj, UNEP DTIE*
- *Feedback by a participant representative*
- Hand-over of participation certificates by Special Secretary, *Shri K. Roy Paul, MoEF*
- Closing remarks by Special Secretary, *Shri K. Roy Paul, MoEF*
- Vote of Thanks by *Ms. Meenakshi Passi*

Resource materials for 3-day workshop :

- UNEP „Training Manual For Customs Officers”
- Photocopies of all presentations
- Special Issue of UNEP OzonAction Bulletin devoted to illegal trade in ODS
- EIA Brochure „Unfinished Business” devoted to illegal trade in ODS
- leaflets on ozone layer protection and CITES

Agenda for the 2-day advanced course

Day 1

- 0800 Introduction, *Ms. Meenakshi Passi*
- Linking course to the three-day course
 - Objective of the Course
 - Outline of the Course
 - Questions and answers
- 0815 Teasers in Montreal Protocol *Dr. Janusz Kozakiewicz*
- Frequently Asked Questions Related To Ozone Layer Depletion
 - Further Clarification Of Substantive Terms And Definitions Contained In MP (Party Vs. Non-Party, ODS, ODS Containing Product, Recovery/Recycling/Reclamation; Feedstock, Process Agent, Essential Use/Critical Use; Quarantine And Pre-shipment, Laboratory And Analytical Uses)
 - Actual Meaning Of ODS And ODS Containing Products
- 0945 CITES Convention, *Mr. John Sellar, CITES Secretariat*
- 1115 TEA
- 1130 Global And Regional Trade Agreements, *Mr. Rattan Barua*
- WTO and Environment
 - SAARC and Environment
 - ASEAN and Environment
 - COMESA And Environment
 - PTA And Environment
 - SADC And Environment
 - SACU And Environment
 - EAC And Environment
 - ECOWAS and Environment
 - UEMOA and Environment
 - UDEAC/CEMAC and Environment
 - IOC and Environment
 - UEA and Environment
 - APEC and Environment
 - Framework co-operation Agreement between GCC and the European Union, and Environment
 - Facilitation and Development Inter-Arab Trade Agreements, and Environment
 - ALADI and Environment
 - Andean Pact and Environment
 - CAROCOM and Environment
 - MERCOSUR and Environment
 - NAFTA and Environment
 - MCCA and Environment
- 13:00 LUNCH
- 14:00 Identification Of ODS, *Dr. Janusz Kozakiewicz and Ms. Meenakshi Passi*
- Group activity (Identification of two gas cylinders and one can of liquid)
 - (A) Based on information provided (Chemical Names, Chemical Formula, Trade Name, Customs Code Or ASHRAE/ UN/ CAS Number) and that was supposed to be included in Customs Documents and on information displayed on the label attached to the container,
 - (B) Using ODS Identifier
 - (C) Safety aspects for product identified
 - Reporting findings to plenary
- 1515 TEA

15:30 EIA's experience in investigating the cases of illegal trade in ODS, *Ms. Debbie Banks, EIA*

15:50 Illegal Trade in ODS, *Dr. Janusz Kozakiewicz*
- Round Table Discussion Moderator *Dr. Janusz Kozakiewicz*
Panelists: Participants as well as UNEP Representatives

Day 2

0800 Case-Studies, *Dr. Janusz Kozakiewicz*

0930 Training Methodology Specific To Customs Training And Control Of ODS, *Ms. Meenakshi Passi*

- Interaction with NOU of the country where the course is to be conducted
- Supervising preparation of Country Handbook
- Checklist of preparation for Course
- Format of break out forms and structure of break out sessions
- Finalization of Action Plan with responsibilities clearly marked out
- Sending report to UNEP

Discussions

1015 General Training Methodology, *Mr. S.K. Ghosh*
General Training methodology- Practical exercises

13:00 Hand over of participation certificates by Shri Dalbir Singh, DG of NACEN

1300 Closing remarks, *Mr. Suresh Raj, UNEP DTIE*

Resource study materials for the 2-day advanced course (contained in the specially prepared folder handed over to the participants)

1. Session on Teasers in Montreal Protocol

- 1.1. List of frequently asked questions related to Ozone Layer Depletion
- 1.2. Main text of the Montreal Protocol as adjusted and amended supplemented with :
 - (a) letter of the Ozone Secretariat containing corrected summary of the control measures under the MP, Document: OZ.Sec/UNEP/Ozl.Pro/WG1/20/INF/2/Rev.1
 - (b) letter of the Ozone Secretariat containing explanation of classification of CFC-113a as a controlled substance – Document OzL/ODS/MG/Im
 - (c) list of Parties that don't wish to receive products and equipment whose continuing functioning relies on Annex A and B substances (Decision X/9)
- 1.3. Recent list of Parties to the MP/Amendments
- 1.4. Selected Decisions of the Parties (on definitions, on restrictions on trade with non-Parties, on control of trade with Parties, on licensing, on transshipment, on customs codes, on illegal trade, on essential uses)
- 1.5. Annex VII to the Report to IX Meeting of the Parties dealing with reporting requirements

2. Session on Illegal Trade in ODS

- 2.1. Background paper by J. Kozakiewicz “Problem of illegal trade in ODS and possible means to solve it”
- 2.2. Recent decisions of the Parties to the MP dealing with monitoring the international trade in ODS and prevention of illegal trade in ODS (Decisions XII/10 and XIII/12)
- 2.3. Report of the Ozone Working Group to the Plenary Meeting of the Workshop on Enforcement of and Compliance with MEAs (Geneva 1999)
- 2.4. Selected fragments of the “ODS Antismuggling Group – Survey Results and Update” (paper presented at XII MOP in Beijing – 2000)
- 2.5. EIA Briefing Leaflet displayed at XXI OEWG in Geneva (2001)
- 2.6. EIA Leaflet : “Unfinished Business – The continued Illegal Trade in Ozone Depleting Substances and the Threat Posed to the Montreal Protocol Phaseout”
- 2.7. Fragments of Greenpeace leaflet dealing with illegal trade in ODS

3. Session on Identification of ODS

- 3.1. Paper by J. Kozakiewicz on Identification of ODS (presentation prepared for the customs workshops)
- 3.2. Paper by J. Kozakiewicz on HS classification of ODS, ODS-containing mixtures and ODS-containing products (presentation prepared for the customs workshops)
- 3.3. Basic information on identification of pure ODS, ODS-containing mixtures and products under the HS System
- 3.4. Recommendation of WCO of 15 July 1999 concerning ODS
- 3.5. Information on Chinese regulation concerning labelling of recycled ODS (sample label included)

4. Session on Case Studies
 - 4.1. List of case studies for customs officers

5. Additional resource materials
 - 5.1. EU Regulation 2037/2000 + 2 amendments
 - 5.2. UNEP Customs Training Manual (supplied to participants at 3-day course)
 - 5.3. Other relevant UNEP brochures – depending on availability
- 5.4. Diskette containing the revised power point slides for use by the participants at the train-the-trainers courses

ANNEX 10.2 Lists of participants

Participants of 3-days workshop

S. No	Name	Designation	Address	Phone No.	E-mail	Country
1.	Mr. M.K. Sil	Deputy Director	NACEN (Eastern Region), P-27, CIT Scheme,VIII(M), Bidhannagar Road, Kolkata – 67	91-33-356-1083(O) 9133-530-8746 (R)	mksil@hotmail.com	India
2.	Mr. Xichang Song	Director of Law Division	Shanghai Customs, China	(021) 68890728 (O)	songxc@hotmail.com	China
3.	Ms. Silvia Suarez Loto	Training Counselor	Federal Administration of Internal Revenue Argentina	(0054 11) 4-941-8150	ssuarezl@hotmail.com	Argentina
4.	Mr. K.M. Nair	Additional Director	NACEN, Sire Mansion, 621-Annasalai, Chennai-600 017	044-8294483/8291063 044-8232701 044-8291552 (Fax)	km_nair@hotmail.com	India
5.	Mr. Anoop Swarup	Director (Anti Smuggling)	CBEC, Department of Revenue Ministry of Finance, North Block, N.D.	011-3011476 (O) 011-5145177 (R)	anoopswarup@hotmail.com	India
6.	Mr. Rajesh Nandan Srivastava	Deputy Commissioner	Kasya road Betiya Hata Gorakhpur –273001	0551-334524 (O) 0551-281844 (R) 0551-340996 (Fax)	rmandan24@hotmail.com	India
7.	Mr. Longjiang Ren	Project Officer	National Management Office of ODS Import and Export No. 115 Nanxiaojie, Xizhimennei Beijing 100035,China	00866-10-66133884 (O) 00866-10-66151776 (Fax)	renlj@svl-pek.unep.net	China
8.	Mr. Anil Kumar	Assistant Director (ODS)	Office of the Development Commissioner (SSI) 7 th Floor,Nirman Bhawan, New Delhi	011-3022220/Extn. 2455 (O) 011-3019215 (Fax) 91-4540336 (R)		India
9.	Dr (Mrs.) K.K.Saxena	Senior Scientist	Central Pollution Control Board (Ministry of Environment and Forests) Parivesh Bhawan, East Arjun Nagar, Delhi-110032	011-2222978/220 011-2222188 011-2217078 (Fax) 011-2204948 (Fax)		India
10.	Mr. Simon Mancabo	Consultant (UNEP)	Direction Generale Douanes Senegal DAKAR	00221-6836525 00221-8325251 00221-8214933	smancabo@caramail.com	Senegal
11.	Mr. Shashi Ranjan Prasad	Research Officer	Oceania Customs Organisation (OCO) GPO Box 1464 Brissbane Queensland 4001 Australia	00617-38353463 (O) 00617-32051941 (R) 00617-38353466 (Fax)	shashi.prasad@customs.gov.au or shashi@ocosec.org	Australia
12.	Mr. Mahfuzur Rahman	Assistant Commissioner of Customs,	Petrapole (North) 24, Paragnas, West Bengal	91-3215-45029 (O) 91-3215 45024 (O) 91-3215-45013 (Fax)	mahfuz_r@hotmail.com	India
13.	Mrs. S. Enkhtuya	Customs Officer	Customs Control and Inspection Division, Customs General Administration	976-1-9912-3773 (hand) 976-1-350050 (O) 976-1-350060 (Fax)	ms_enkhtuya@hotmail.com	Mongolia
14.	(Mrs) Rasheda Hussain	Additional Director	Directorate General of Inspection, Customs and Central Excise, New Delhi-110002	011-3370590 (O) 011-3370349 (Fax) 011-6088871 (R)	rasheda@rediffmail.com	India

Regional Workshop for Customs Trainers and National Stakeholders on Monitoring & Control of Ozone Depleting Substances, NACEN Complex - Faridabad, India, 5-9 November 2001.

S. No	Name	Designation	Address	Phone No.	E-mail	Country
15.	Ms.Reshma Lakhani	Deputy Director	National Academy of Customs, Excise and Narcotics, 60 Feet Road, Bhandup (E) Mumbai-400042	022-3637288 @ 022-5680981 (O) 022-5646697 (O) 022-5683591 (Fax)	reshma_lakhani@hotmail.com	India
16.	Mr. Hussain Yahya Al-Radmi,	General Director	Training Coordinator, Customs Institute, Customs Authority, Sanaa, Republic of Yemen	263101 (O)	customsinst@y.net.ye alradami@maktoob.com	Yemen
17.	Mr.D. Chandrasekhar	Deputy Director	Small Industries Service Institute, Ministry of Small Scale Industries, Agro and Rural Industries, Hyderabad	040-3078131/32/33 (O) 040-3300096 (R)		India
18.	Mr. S.C. Wadhwa	Vice President	Gujarat Fluorochemicals Ltd., A-6, Connaught Place, New Delhi-110001	011-3355797, 796 011-3730358 011-6892873 @	scwadhwa@hotmail.com	India
19.	Ms. Arusha Vasudev	Additional. Commissioner	Central Excise, Bangalore-III, Central Revenue Building,Queen's Road, Bangalore – 560 001	080-2864531 (O) 080-6563030	avasuv99@yahoo.com	India
20.	Mr. B.K. Bansal	Additional Director	NACEN, Sector-29, Faridabad	0091-129-5272075(O/Fax) 0091-129-5278717 (R)	bhushanbansal@hotmail.com	India

Participants of 2-days advanced course

S. No	Name	Designation	Address	Phone No.	E-mail	Country
1.	Mr. M.K. Sil	Deputy Director	NACEN (Eastern Region), P-27, CIT Scheme,VIII(M), Bidhannagar Road, Kolkata – 67	91-33-356-1083(O) 9133-530-8746 (R)	mksil@hotmail.com	India
2.	Mr. Xichang Song	Director of Law Division	Shanghai Customs, China	(021) 68890728 (O)	songxc@hotmail.com	China
3.	Ms. Silvia Suarez Loto	Training Counselor	Federal Administration of Internal Revenue Argentina	(0054 11) 4-941-8150	ssuarezl@hotmail.com	Argentina
4.	Mr. K.M. Nair	Additional Director	NACEN, Sire Mansion, 621-Annasalai, Chennai-600 017	044-8294483/8291063 044-8232701 044-8291552 (Fax)	km_nair@hotmail.com	India
5.	Mr. Longjiang Ren	Project Officer	National Management Office of ODS Import and Export No. 115 Nanxiaojie, Xizhimennei Beijing 100035,China	00866-10-66133884 (O) 00866-10-66151776 (Fax)	renlj@svl-pek.unep.net	China
6.	Mr. Simon Mancabo	Consultant (UNEP)	Direction Generale Dourness Senegal DAKAR	00221-6836525 00221-8325251 00221-8214933	smancabo@caramail.com	Senegal
7.	Mr. Shashi Ranjan Prasad	Research Officer	Oceania Customs Organisation (OCO) GPO Box 1464 Brissbane Queensland 4001 Australia	00617-38353463 (O) 00617-32051941 (R) 00617-38353466 (Fax)	shashi.prasad@customs.gov.au or shashi@ocosec.org	Australia

Regional Workshop for Customs Trainers and National Stakeholders on Monitoring & Control of Ozone Depleting Substances, NACEN Complex - Faridabad, India, 5-9 November 2001.

S. No	Name	Designation	Address	Phone No.	E-mail	Country
8	Mr. Mahfuzur Rahman	Assistant Commissioner of Customs,	Petrapole (North) 24, Paragnas, West Bengal	91-3215-45029 (O) 91-3215 45024 (O) 91-3215-45013 (Fax)	mahfuz_r@hotmail.com	India
9	Mrs. S. Enkhtuya	Customs Officer	Customs Control and Inspection Division, Customs General Administration	976-1-9912-3773 (hand) 976-1-350050 (O) 976-1-350060 (Fax)	ms_enkhtuya@hotmail.com	Mongolia
10.	(Mrs) Rasheda Hussain	Additional Director	Directorate General of Inspection, Customs and Central Excise, New Delhi-110002	011-3370590 (O) 011-3370349 (Fax) 011-6088871 (R)	rasheda@rediffmail.com	India
11.	Ms.Reshma Lakhani	Deputy Director	National Academy of Customs, Excise and Narcotics, 60 Feet Road, Bhandup (E) Mumbai-400042	022-3637288 @ 022-5680981 (O) 022-5646697 (O) 022-5683591 (Fax)	reshma_lakhani@hotmail.com	India
12.	Mr. Hussain Yahya Al-Radmi,	General Director	Training Coordinator, Customs Institute, Customs Authority, Sanaa, Republic of Yemen	263101 (O)	customsinst@y.net.ye alradami@maktoob.com	Yemen
13.	Mr. S.C. Wadhwa	Vice President	Gujarat Fluorochemicals Ltd., A-6, Connaught Place, New Delhi-110001	011-3355797, 796 011-3730358 011-6892873 @	scwadhwa@hotmail.com	India
14.	Mr. B.K. Bansal	Additional Director	NACEN, Sector-29, Faridabad	0091-129-5272075(O/Fax) 0091-129-5278717 (R)	bhushanbansal@hotmail.com	India

ANNEX 10.3 Lists of trainers & speakers

Trainers and speakers for 3-days workshop

S. No.	Name	Designation	Address	Phone No.	E-mail	Country
1.	Ms. Meenakshi Passi	Jt. Director	National Academy of Customs, Excise & Narcotics, Sector 29, Faridabad.	0091-129-5276058(O/Fax) 0091-129-527387(R)	passimee@yahoo.com	India
2.	Dr. Janusz Kozakiewicz	Associate Professor, UNEP International Consultant	Industrial Chemistry Research Institute Ul. Rydygiers 8 01-793 Warsaw, Poland	+4822-6339291	kozak@ichp.pl	Poland
3.	Mr. John Sellar	Acting Head	UNEP/CITES Secretariat Enforcement Assistance Unit 15, Chemin des Anemones CH-1219 Chatelaine, Geneva, Switzerland	(41 22) 917 8139/40 (41 22) 797 3417 (fax)	John.sellar@unep.ch	Switzerland,
4.	Mr. Rattan Barua	Consultant	Intratrade, 412, Hauz Khas, New Delhi.	6522899(O)	rlbarua@vsnl.com	India
5.	Mr. Suresh Raj	Training Manager	Energy and OzonAction Unit, UNEP DTIE, Tour Mirabeau, 39-43, Quai Andre Citroen, 75739 Paris Cedex 15, France.	+33 144 37 76 11 +33 1 44 37 14 74(Fax)	Suresh.raj@upez.fr	France
6.	Dr. Anoop Swarup	Director (Anti Smuggling)	CBEC, Department of Revenue Ministry of Finance, North Block, N.D.	011-3011476 (O) 011-5145177 (R)	anoopswarup@hotmail.com	India
7.	Mr. O.P. Hisaria	Dy. DGFT	DGFT, Udyog Bhavan, New Delhi.	011-3016232(O) 011-7453719(R) 011-3018613(Fax)		India
8.	Mr. K.M. Nair	Additional Director	NACEN, Sire Mansion, 621-Annasalai, Chennai-600 017	044-8294483/8291063 044-8232701 044-8291552 (Fax)	km_nair@hotmail.com	India
9.	Mr. M.K. Sil	Deputy Director	NACEN (Eastern Region), P-27, CIT Scheme, VIII(M), Bidhannagar Road, Kolkata – 67	91-33-356-1083(O) 9133-530-8746 (R)	mksil@hotmail.com	India
10.	Mr. S.C. Wadhwa	Vice President	Gujarat Fluorochemicals Ltd., A-6, Connaught Place, New Delhi-110001	011-3355797, 796 011-3730358 011-6892873 (R)	scwadhwa@hotmail.com	India
11.	Mr. Atul Bagai	Training Officer	OzonAction Programme, United Nations Environment Programme, Division of Technology, Industry & Economics, Tour Mirabeau, 39-43, Quai Andre Citroen, 75739 Paris Cedex 15, France.	+33.1.44.37.76.30 +33.1.44.37.14.74	Atul.bagai@upez.fr	France
12.	Mr. R. Shekhar	Additional Commissioner	TRU(Central Board of Excise & Customs, North Block, New Delhi.	9810047789(mobile) 4678590(R)		India
13.	Sh. J.C. Kataria	Joint Chief Controller of Explosives	Faridabad	5260902(O) 5260903(O)		India

Trainers and speakers for 2-days advanced course

S. No	Name	Designation	Address	Phone No.	E-mail	Country
1.	Ms. Meenakshi Passi	Jt. Director	National Academy of Customs, Excise & Narcotics, Sector 29, Faridabad.	0091-129-5276058(O/ Fax) 0091-129-527387(R)	passimee@yahoo.com	India
2.	Dr. Janusz Kozakiewicz	Associate Professor, UNEP International Consultant	Industrial Chemistry Research Institute Ul. Rydygiers 8 01-793 Warsaw, Poland	+4822-6339291	kozak@ichp.pl	Poland
3.	Mr. John Sellar	Acting Head	UNEP/CITES Secretariat Enforcement Assistance Unit 15, Chemin des Anemones CH-1219 Chatelaine, Geneva, Switzerland	(41 22) 917 8139/40 (41 22) 797 3417 (fax)	John.sellar@unep.ch	Switzerland,
4.	Mr. Rattan Barua	Consultant	Intratrade, 412, Hauz Khas, New Delhi.	6522899(O)	rlbarua@vsnl.com	India
5.	Ms. Debbie Banks	Senior Campaigner	Environmental Investigation Agency 62-63, Upper Street London, N1 0NY U.K.	+44 20 7354 7960 +44 20 7354 7961 (fax)	Debbie.banks@eia-international.org	U.K.
6.	Mr. S.K. Ghosh	Associate Professor	NIFM, Sector 48, Pali Road, Near Badhal Lake, Faridabad-121008.	0091-129-5418873(O/Fax)		India
7.	Mr. O.P. Hisaria	Dy. DGFT	DGFT, Udyog Bhavan, New Delhi.	011-3016232(O) 011-7453719(R) 011-3018613(Fax)		India

ANNEX 10.4 Workshop recommendations

GENERAL RECOMMENDATIONS

S.No.	Recommendation	Responsibility
1.	To establish the infrastructure of customs at land border posts to allow proper inspection of consignments including that of ODS. The infrastructure should consist of refrigerant identifiers, storage areas, chemical laboratories etc.	CBEC; Director Anti-smuggling
2.	To give a list of importers who have been permitted to import ODS to the Customs. To also give list of black listed importers.	NOU
3.	To establish closer links between Customs and REGMA.	President, REGMA and Director, Anti-smuggling
4.	To improve collaboration between the authorities who implement the licensing system	NOU, Joint DGFT and Director Anti-smuggling
5.	To purchase refrigerants identifiers for border post at Nepal, Bangladesh and major customs houses.	UNEP, Director, Anti-smuggling
6.	To have regional cooperation between various authorities which implement ODS Rules.	UNEP, NOU and Director, Anti-smuggling
7.	To provide to the Customs the format on which information about legal and illegal trade in ODS is to be supplied to the NOU.	NOU, Director Anti-smuggling
8.	To provide to the Customs the list of countries which have reclamation facilities for ODS and also of those countries where there is an export licensing system	UNEP and NOU
9.	To increase the period of registration under ODS rules by one year, to support effective enforcement	NOU
10.	To provide incentives to the R&C servicing sector and aerosol sector for registration	NOU
11.	To better equip state and central pollution boards for conducting survey for all ODS (small and tiny) handling units within a specified timeframe	NOU
12.	Rationalization of tax structure to ensure that the price disparity between the regional prices of ODS are brought down	TRU, Ministry of Finance

RECOMMENDATIONS FOR MASS AWARENESS AND PARTICIPATION

1	Mandatory labelling for ODS and ODS-containing products (equipment and other goods) to be introduced forthwith. Statutory amendments to be brought in	Ministry of Environment and Forest
2.	School curriculum to have chapter on ODS	NOU to write to Ministry of HRD
3.	Audio-visual and print media campaigns to be launched.	UNEP and NOU through the Ministry of Information and Broadcasting
4.	Mass awareness campaigns to be encouraged	NOU
5.	National Ozone Fund to be established in addition to the Multilateral Fund	Ministry of Environment and Forest
6.	Synergy to be established with other health and environment campaign at national and international levels	UNEP and NOU

RECOMMENDATIONS FOR FURTHER TRAINING

S.No.	Recommendations	Responsibility
1.	UNEP and NOU sign the MOU related to further training projects in India. NACEN to send a project proposal to NOU for funding further training projects	UNEP and NOU NACEN
2.	Until MOU is signed pilot training project taken up at Lucknow, Patna Commissionerates and Calcutta, Customs	Funding to be secured by PMU Training at Lucknow – Lucknow Commissionerate Training at Patna and Calcutta – NACEN, Calcutta DG NACEN writes to all Commissionerates/ Regional Training Institutes for this training
3.	Training at Lucknow, Patna and Calcutta for two days (in situ). 2-3 trainers for this workshop, including 1 from NACEN	NACEN and RTIs
4.	Necessary kits and samples to be supplied to regional units of NACEN	UNEP
5.	To introduce at least 2 sessions on subject awareness in induction and cadre management plan trainings	NACEN and RTIs
6.	To introduce a special training module for IC&CES probationers starting with 53 rd batch presently undergoing training at Chennai	NACEN, Chennai
7.	To conduct more train-the-trainers workshops to spread the knowledge wider in Customs Commissionerates	NACEN Funding secured by PMU
8.	To conduct open-house programme in major customs houses	Direction to go by from Director, Antismuggling

ANNEX 10.5 Evaluation by the participants

This annex concerns evaluation of the 3-days workshop by the participants summarised based on the evaluation questionnaires received. No formal evaluation of 2-days advanced course was requested from participants, but they generally appreciated that course very much (see Section 9.2 of this Report).

Evaluation Questionnaire for 3-days workshop

The following questionnaire was given to participants to evaluate the 3-days workshop. The responses are tabled in a graph at the end of this Annex. The rating "1" stands for poor performance and the rating "5" for excellent performance.

1. What is your overall evaluation of the course?
2. Did the course provide the information you expected?
3. Was the communication between participants possible and useful?
4. Was the composition of the audience adequate?
5. As far as the contents of the presentation are concerned, did you find them adequate in explaining the following issues:
 - a) Environmental and human health consequences of ozone layer depletion?
 - b) International response to ozone layer depletion (Montreal Protocol)?
 - c) National obligations and phase-out strategy (RMP)?
 - d) Regulatory framework for the national import/export licensing system?
 - e) Problem of illegal trade of ODS?
 - f) Role of customs officers in enforcing the import/export licensing system?
 - g) Role of other stakeholders in implementing the import/export licensing system?
 - h) How to identify ODS and equipment containing ODS and the use of ODS identifying equipment?
 - i) Issues relating to safe storage and handling of ODS?
 - j) Data reporting requirements and procedures?
 - k) Enforcement and penalties
6. Did the training course provide you with adequate information regarding the subsequent training of the remaining customs officers?
7. Did the training course provide appropriate training material as the basis for the subsequent training of the remaining customs officers?
8. Can you think of any additional material that should be included in the "UNEP Customs Training Manual" to enable it to better achieve its goals?
9. Can you think of any additional material that should be included in the "India Country Handbook on National Regulations and Import / Export Licensing System for Phasing out of ODS" to enable it to better achieve its goals?
10. Please give additional comments about the quality of the course and how similar courses could be improved.

The following section includes feedback and suggestions received from the workshop participants concerning (a) the workshop itself – Q10, and (b) the UNEP Customs Training Manual” - Q8: Only few answers were given to Q9 since “India Country Handbook” was not available to the participants before the workshop, so they did not have time to read it through.

(a) General evaluation of and possible improvements to Phase I customs training

- The quality of the course was excellent and for a vast country like India a series of such “Train-the-trainers” workshops may be considered to train more experts. The action plan suggested in that regard needs immediate attention
- The main objectives of the training programme have been achieved. Training team was always willing to satisfy participants’ demands. High level of presentations and interesting technical discussions
- The course has given me the information I expected
- The quality of the course was excellent except for the presentation from the Department of Explosives
- The quality of the course can be strengthened by adding study visits to nearby ODS consuming units in the curriculum. The study visits will give first hand information about the ODS work environment
- The visits to customs fields to see the operational procedures would be quite important
- The workshop was very informative and effective. I have acquired and definitely broadened my knowledge on issues such as CFCs, HCFCs, illegal import activities etc. I strongly feel that similar workshops should be conducted in the other regions
- The course was conducted very well. It would be useful if some input is given to us on how we can help in ODS phase out just as ODS consumers
- The course was very well organised. The participants’ engagement through questions and answers sessions and group activities was excellent. However, to avoid very long working hours it would be better to extend the future courses by one day
- The course was very informative, but too packed because of shortage of time. Longer course would allow for much more room for valuable discussions
- The participants from the foreign countries had difficulties in expressing themselves in English. The group should be more homogeneous so that better exchange of ideas could take place. More detailed introduction of the speakers should be given, so the participants could know their background
- Including the long presentation on CITES in the course on ODS was felt to be inappropriate
- The level of participants was not equal, some were quite advanced while the others were not, so sometimes technical discussions were difficult
- Some participants from Nepal and Bangladesh customs might have been invited to the workshop, so discussion on illegal trade in the region could have been more fruitful
- I congratulate NACEN, and particularly Ms Meenakshi for excellent organisation of the workshop

(b) Comments to the UNEP Customs Training Manual

Most of the participants didn't have any suggestions regarding the Manual since they haven't read that document yet. The few suggestions of possible additions:

- “Do’s” and “don’ts” for Party countries in a nutshell can be included
- Statistical data on impact of the ozone hole on health is completely absent. Without statistics the credibility of the ozone hole problem is doubtful

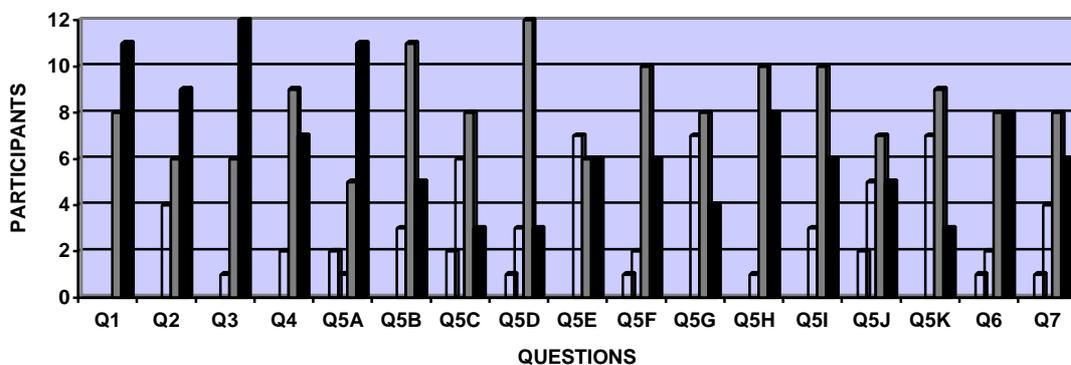
- CD or/and video cassette on ozone layer protection should be added to the Manual
- Suggestions on how to establish prior informed consent (PIC) system involving all party countries should be included – establishing of such system would be the best method to prevent illegal trade in ODS
- List of NOUs in all Party countries should be included
- List of ODS reclaiming facilities in party countries should be given
- Licensing procedures in the party countries should be included
- Equipment needed for laboratory facilities to test ODS should be listed
- An audit procedure to check various records required to be maintained by the users, consumers and producers of ODS

(c) Comments to “India Country Handbook”

The participants did not have enough time to read the Handbook, so only very few provided comments

- The ODS quantities actually used in the country vs. quantities imported/exported have not been included
- The licensing and customs enforcing policy has not been mentioned
- Case studies related to India, specifically to Nepal-India border could be included
- Classification of ODS and ODS-containing products was not brought out clearly

3-DAYS CUSTOMS WORKSHOP EVALUATION INDIA
(19 of 20 questionnaires returned)



ANNEX 10.6 About UNEP DTIE OzonAction Programme

Nations around the world are taking concrete actions to reduce and eliminate production and consumption of CFCs, halons, carbon tetrachloride, methyl chloroform, methyl bromide and HCFCs. When released into the atmosphere these substances damage the stratospheric ozone layer — a shield that protects life on Earth from the dangerous effects of solar ultraviolet radiation. Nearly every country in the world — currently 183 countries -- has committed itself under the Montreal Protocol to phase out the use and production of ODS. Recognizing that developing countries require special technical and financial assistance in order to meet their commitments under the Montreal Protocol, the Parties established the Multilateral Fund and requested UNEP, along with UNDP, UNIDO and the World Bank, to provide the necessary support. In addition, UNEP supports ozone protection activities in Countries with Economies in Transition (CEITs) as an implementing agency of the Global Environment Facility (GEF).

Since 1991, the UNEP DTIE OzonAction Programme has strengthened the capacity of governments (particularly National Ozone Units or “NOUs”) and industry in developing countries to make informed decisions about technology choices and to develop the policies required to implement the Montreal Protocol. By delivering the following services to developing countries, tailored to their individual needs, the OzonAction Programme has helped promote cost-effective phase-out activities at the national and regional levels:

Information Exchange

Provides information tools and services to encourage and enable decision makers to make informed decisions on policies and investments required to phase out ODS. Since 1991, the Programme has developed and disseminated to NOUs over 100 individual publications, videos, and databases that include public awareness materials, a quarterly newsletter, a web site, sector-specific technical publications for identifying and selecting alternative technologies and guidelines to help governments establish policies and regulations.

Training

Builds the capacity of policy makers, customs officials and local industry to implement national ODS phase-out activities. The Programme promotes the involvement of local experts from industry and academia in training workshops and brings together local stakeholders with experts from the global ozone protection community. UNEP conducts training at the regional level and also supports national training activities (including providing training manuals and other materials).

Networking

Provides a regular forum for officers in NOUs to meet to exchange experiences, develop skills, and share knowledge and ideas with counterparts from both developing and developed countries. Networking helps ensure that NOUs have the information, skills and contacts required for managing national ODS phase-out activities successfully. UNEP currently operates 8 regional/sub-regional Networks involving 114 developing and 9 developed countries, which have resulted in member countries taking early steps to implement the Montreal Protocol.

Refrigerant Management Plans (RMPs)

Provide countries with an integrated, cost-effective strategy for ODS phase-out in the refrigeration and air conditioning sectors. RMPs have to assist developing countries (especially those that consume low volumes of ODS) to overcome the numerous obstacles to phase out ODS in the critical refrigeration sector. UNEP DTIE is currently providing specific expertise, information and guidance to support the development of RMPs in 60 countries.

Country Programmes and Institutional Strengthening

Support the development and implementation of national ODS phase-out strategies especially for low-volume ODS-consuming countries. The Programme is currently assisting 90 countries to develop their Country Programmes and 76 countries to implement their Institutional-Strengthening projects.

For more information please contact:

Mr. Rajendra Shende, Head, Energy & OzonAction Branch
UNEP, Division of Technology, Industry and Economics
39-43, Quai André Citroën
75739 Paris Cedex 15, France
Tel: 33 1 44 37 14 50; Fax: 33 1 44 37 14 74
E-mail: unep.tie@unep.fr; URL: <http://www.uneptie.org/>



About the UNEP Division of Technology, Industry and Economics

The mission of the UNEP Division of Technology, Industry and Economics is to help decision-makers in government, local authorities, and industry develop and adopt policies and practices that:

- ❑ are cleaner and safer;
- ❑ make efficient use of natural resources;
- ❑ ensure adequate management of chemicals;
- ❑ incorporate environmental costs;
- ❑ reduce pollution and risks for humans and the environment.

The UNEP Division of Technology, Industry and Economics (UNEP DTIE), with the Division Office in Paris, is **composed of one centre and five branches**:

/ **The International Environmental Technology Centre (Osaka)**, which promotes the adoption and use of environmentally sound technologies with a focus on the environmental management of cities and freshwater basins, in developing countries and countries in transition.

/ **Production and Consumption (Paris)**, which fosters the development of cleaner and safer production and consumption patterns that lead to increased efficiency in the use of natural resources and reductions in pollution.

/ **Chemicals (Geneva)**, which promotes sustainable development by catalysing global actions and building national capacities for the sound management of chemicals and the improvement of chemical safety world-wide, with a priority on Persistent Organic Pollutants (POPs) and Prior Informed Consent (PIC, jointly with FAO).

/ **Energy and OzonAction (Paris)**, which supports the phase-out of ozone depleting substances in developing countries and countries with economies in transition, and promotes good management practices and use of energy, with a focus on atmospheric impacts. The UNEP/RISØ Collaborating Centre on Energy and Environment supports the work of the Branch.

/ **Economics and Trade (Geneva)**, which promotes the use and application of assessment and incentive tools for environmental policy and helps improve the understanding of linkages between trade and environment and the role of financial institutions in promoting sustainable development.

/ **Coordination of Regional Activities Branch (Paris)**, which coordinates regional delivery of UNEP DTIE's activities and ensures coordination of DTIE's activities funded by the Global Environment Facility (GEF).

UNEP DTIE activities focus on raising awareness, improving the transfer of information, building capacity, fostering technology cooperation, partnerships and transfer, improving understanding of environmental impacts of trade issues, promoting integration of environmental considerations into economic policies, and catalysing global chemical safety.

