



Report on Celebration of the International Ozone Day 2016 in Cambodia

Ministry of Environment

**National Ozone Unit
Department of Air Quality and Noise Management
General Directorate of Environmental Protection**

Introduction

Cambodia have ratified the Vienna Convention on the Prevention of Ozone Layer and Montreal Protocol on Substances that Depleting the Ozone Layer in 2001 since then Cambodia have celebrated the international ozone day with the international community every year. In 1994 the United Nations agreed to set up the date of 16 September as the day of celebration of International Day for Prevention of Ozone Layer, So far the 16 September has been celebrated every year throughout the world and the purpose of this event is encouraged for protection of ozone layer neither nation nor international level with high effectively.

This year the National Ozone Unit (NOU) of Ministry of Environment of Cambodia celebrated the International Day for the Preservation of the Ozone Layer, 16 September 2016 and marks the 31st anniversary of the Vienna Convention for the Protection of the Ozone Layer, under the theme of **“Ozone and Climate: Restored by a world united”**. NOU, Department of Air Quality and Noise Management, General Directorate of Environmental Protection of the Ministry of Environment of the Kingdom Cambodia produced many programme to mark the day. The programme included round table discussion, press conference on the Cambodia’s participation for prevention on ozone layer, interviewing with minister of environment and video documentary on the implementation of MP in Cambodia and prepared the statement of the minister of environment delivery in ozone day. The programme has been broadcasting through the Medias.

Interview with Minister of Environment

In order to join the celebration of international ozone day 16 September 2016, the National Ozone Unit, Department of Air Quality and Noise Management of the Ministry of Environment corporate with Television of Cambodia producing video documentary on the implementation of Montreal Protocol on Substances that Depleting the Ozone Layer in Cambodia. This video documentary focusing on the Cambodia’s participation in the protection of Ozone Layer and the policy of the Royal Government of Cambodia in the implementation of Montreal Protocol, the successful implementation of MP in Cambodia under the smooth cooperation with relevant stakeholders and private sectors. The video documentary have produced in three parts; (1) interview with minister of environment (2) the round table discussion (3) press conference and interview with other relevant stakeholder.

The interview highlighted the impression of H.E SAY Samal, Minister of Environment, he mentioned about the history of the ozone layer depleting, the creation of Montreal Protocol on ODS and policy in placed and expressed a strong commitment the Ministry of Environment as the focal agency of the Royal Government of the Kingdom of Cambodia for the implementation of Montreal Protocol. Meanwhile, he also expressed that the Ministry of Environment did not allow to import the any equipment containing CFCs that effect to the Ozone Layer and also encourage the people to use the equipment that aren’t containing ODS and saving energy and not effecting the environment. He raised that the successfully of institutional reform of the Ministry of Environment, which including the decentralization some works from the central government to local government, to pursuing national sustainable development that ensures a better quality of life and improves the living standards of its people. One of the main national development priorities is to reduce poverty. Thus, efforts in addressing global warming and climate change cannot be separated from economic development and poverty alleviation of the people.



Interview with H.E SAY Samal, Minister of Environment on the Cambodia's Participation in the Protection of Ozone Layer

Round Table Discussion

The Ministry of Environment corporate with the Television of Cambodia (TVK) conducted the round table discussion on the implementation of Montreal Protocol on Substances that Depleting the Ozone Layer in Cambodia. The round table discussion have been conducted on 13 September 2016 at TVK and broadcasted on TVK, on 15 and 16 September 2016. The speakers in this event participated by H.E Mr. **Heng Nareth**, Director General of EPA, Mr. **Pak Sokharavuth**, Director of Air Quality and Noise Management Department, Mr. **Chhorn Voeun**, deputy director of Excises Department, General Department of Customs and Excise and Mr. **Tek Seng**, Manager of Eung Keang Co., Ltd who is the representation from RAC private company. The round table discussion on the advantages of Ozone Layer and disadvantage of Ozone layer depletion that effects to human health and environment and also discussed on the implementation Sub-decree on ODS Management and related legislation as well as the achievement of Cambodia since became the party to the Vienna Convention for the Protection of Ozone Layer and Montreal Protocol on Substances that Deplete the Ozone Layer.



Honorable guest participated in the round table discussion on the Cambodia's participation in the implementation of the Montreal Protocol at TVK

- ❖ H.E Mr. **Heng Nareth**, General Director, General Directorate of Environmental Protection, mentioned about the history of the Ozone Layer and the substances that destroyed the ozone layer and the creation of Vienna Convention and Montreal Protocol.

He also raised the success experiences after Cambodia become the party of the Vienna Convention and Montreal Protocol with the good achievement to comply with Montreal Protocol Obligations. He also expressed that Cambodia always committed to comply with the phase out schedules of Montreal Protocol. In addition, he also provided the advantage and disadvantage of Cambodia become the party to the Vienna Convention and Montreal Protocol.

- ❖ **Mr. Pak Sokharavuth**, Director of Air Quality and Noise Management, mentioned about success story of the implementation of programs such as Refrigerant Management Plan(RMP) from 2005 to 2008, Terminal Phase out Management Plan for ODS from 2008 to 2010 and Hydro-chlorofluorocarbon Phase out Management Plan (HPMP) from 2010. During the implementation of RMP Cambodia has adopted the Sub-Decree on the OD Management in 17 March 2005 and implemented Montreal Protocol related activities such as: conducted technician training on good practices of refrigerant with more than 1500 MAC technician have been trained; conducted custom training on identifying and Controlling of ODS with around 800 Customs, Camcontrol and enforcement officers have trained; provide the 45 Refrigerant Identifiers to General Department of Customs and Excises and 10 Refrigerant Identifiers to General Department of Camcontrol to support their task at the check points for preventing of illegal trade ODS.

- ❖ On behalf **Mr. Chhorn Vooun**, Deputy Director of Excises Department, General Department of Customs and Excises (GDCE) of Ministry of Economic and Finance. On behalf of the General Department of Customs and Excises, he expressed his sincere thanks and appreciations for the good cooperation between the National Ozone Unit of Ministry of Environment and GDCE in conducting the training programme for customs and enforcement officers on identification of Ozone Depleting Substances. In order to prevent the illegal trade of Ozone Depleting Substances especially the controlling the import of ODS effectively the GDCE classification of ODS as red category in the sub-decree no. 209 (31 Dec 2007) on Restricted and Prohibited Goods, which ODS already put in the ASYCUDA system. He said that through the good cooperation with NOU the GDCE can check document submitted by customs brokers as well as check whether the importer have import license issued by NOU or not.

- ❖ The representative from RAC private company, **Mr. Tek Seng**, manager of Eung Keang Co., Ltd said that his company have good cooperation with NOU in the implementation of ODS licensing system and he always sent his technicians to join the training programme on the good practices of refrigerant conducted by NOU of Ministry of Environment. He mentioned that he will continue to discuss on the challenges that facing during the implementation of the Montreal Protocol, thus include the cooperation of the ODS licensing system implementation, the effective of the enforcement and technician training program. He said that his company stop imported the CFC-12 since 2010 and imported only R-134a instead and from 2012 to now his company imported the R-22 follow the phase out schedule of NOU by applying the annual import quota from NOU as well as apply ODS import license for each shipment.

Press Conference on the Cambodia's Participation to Prevent the Ozone Layer

On 16 September 2016 at the Ministry of Environment, the National Ozone Unit, Department of Air Quality and Noise Management, General Directorate of Environment Protection conducted the press conference in order to mark the celebration of ozone day. The

press conference presided by H.E Mr. **Heng Nareth**, General Directorate of Environmental Protection and Mr. **Pak Sokharavuth**, Director of Air Quality and Noise Management and focal point for the implementation of Montreal Protocol on Ozone Depleting Substances and participated by 18 local media outlets. At the beginning of conference H.E Mr. Heng Nareth brief the media on general information of ozone sciences and history of Vienna Convention on the Protection of Ozone Layer and Montreal Protocol on Ozone Depleting Substances and also the Cambodia ratification to Vienna Convention and Montreal Protocol and the amendments of the Montreal Protocol. He also raised the successful stories of Cambodia in the implementation of Montreal Protocol and advantage and disadvantage of the participation in the Montreal Protocol. After that the participants asked the question to H.E Mr. Heng Nareth such as: Why Cambodia ratify the Vienna Convention the Montreal Protocol? What is the benefit of Cambodia's participation in the Vienna Convention the Montreal Protocol?

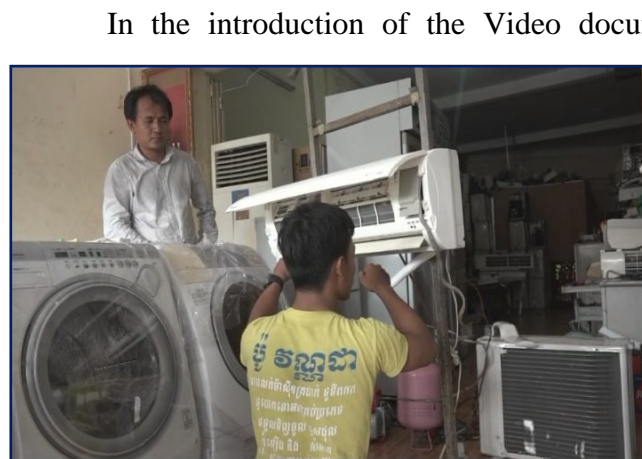


H.E Mr. Heng Nareth, General Directorate of Environmental Protection presided over in the press conference to be hold on 16 September 2016 at Ministry of Environment



Media participated in the press conference on the Cambodia's participation in the implementation of Montreal Protocol to be hold on 16 September 2016 at Ministry of

Video Documentary on Ozone



In the introduction of the Video documentary show the process of of ozone layer destruction and the advantage of ozone layer for human health and environment. The documentary, also showing the interview by the reporter with refrigerant and air conditioning technicians on their business, knowledge and experiences after they have attended the training courses organized by the Ministry of Environment.

Mr. **Po Vanda**, who is the owner of Po Vanda Selling and Repairing of Refrigerant and Air Conditioning Servicing Shop in Phnom Penh has said that after he attended the training courses organized by the Ministry of Environment he clearly understand the effect of CFC-12 and HCFC-22 that have adverse effect to Ozone Layer as well as contributed to the global warming. Therefore his shop stop using the CFC-12 since 2010 and now reduce of using HCFC-22 by using the alternative substances to comply with Montreal Protocol as well as to participate with the implementation of Hydro chlorofluorocarbon Phase out Management Plan in Cambodia.



Interviewing with Mr. **Po Vanda**, owner of Po Vanda Refrigerant and Air Conditioning Servicing Shop

Mr. **Khon Khamara**, the owner of Khon Khemara Refrigerant and Air conditioning Selling and Servicing Shop said that his shop selling the pure refrigerant of R-22 and R-410 only



Interviewing with Mr. **Khon Khemara**, owner of Khon Khemara Refrigerant and Air Conditioning Servicing Shop

and when he buying the refrigerant from the whole seller (Refrigerant Import and Export Company) of refrigerant he always make a test on refrigerant whether the refrigerant that bought is the mixed refrigerant or the pure refrigerant. He continue that he and his technicians have participated in the technician training courses on Good Practices of Refrigerant and Air Conditioning and received the certificate from the National Ozone Unit, Ministry of Environment.

Mr. **Um Khunneay**, who is the lecturer of Refrigerant and Air Conditioning at the Industry Technical Institute said the his institute have received the some equipment, reclaim and recovery of refrigerant machines from National Ozone Unit, Ministry of Environment for teaching the students in the subject of Refrigerant and Air Conditioning. He thanks to Ministry of Environment for choosing his institutions for organizing the Technician Training on Good



Interviewing with Mr. **Um Khunneay**, Lecturer of Refrigerant and Air Conditioning of Industry Technical Institute

Practices of Refrigerant an Air conditioning and calling for the technicians stop using CFC-12 and using the alternative substances that are not destroy the ozone layer.

At the end, Video Documentary show the process of Cambodia became to the party of Vienna Convention and Montreal Protocol and then then Mr. **Pak Sokharavuth**, Director of Air Quality and Noise Management Department, said that the implementation of Refrigerant Management Plan in 2005 and the Terminal Phase out Management Plan in 2007 and now NOU is implementing the Hydro chlorofluorocarbon Phase out Management Plan since 2010. Through implementation these project NOU have successfully completed phase out of CFC-12 in 2010 and more thousands of enforcement have been trained on the Monitoring and Controlling of ODS. In this connection, Refrigerant Identifiers have been distributed to the enforcement officers

who working at the border check points and more thousand technicians have been training on Good Practices of Refrigerant and Air conditioning. In addition, NOU also conducted the awareness program to relevant stakeholders to ensure the effective implementation of Montreal Protocol in Cambodia.



Interviewing with Mr. **Pak Sokharavuth**, Director of Air Quality and Noise Management of the Ministry of Environment

Minister's Speech

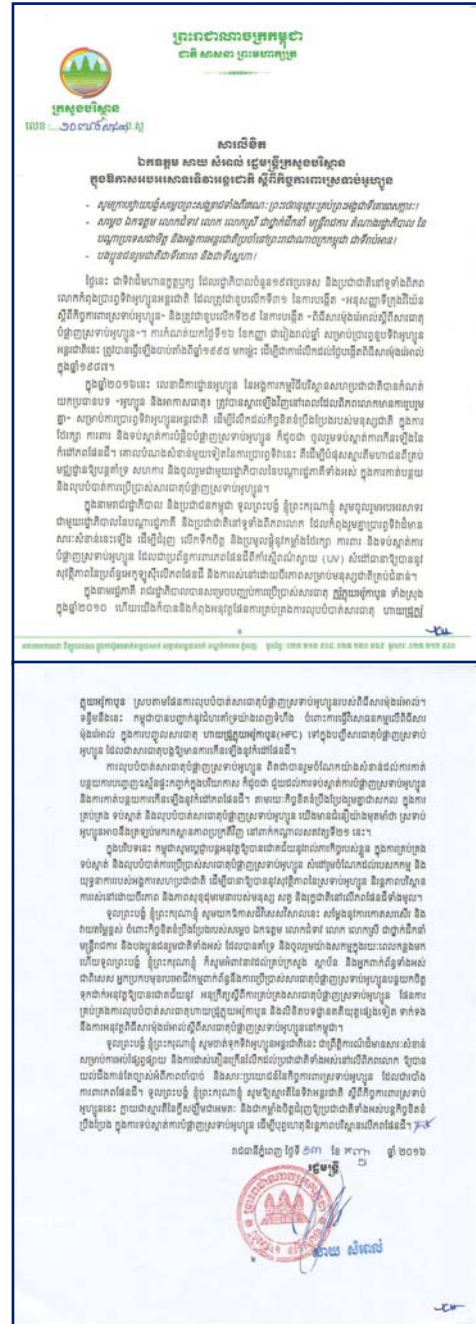
Since 2002, on 16 September every year Samdech Akak Moha Sena Pakdei Techo **Hun Sen**, the Prime Minister of the Kingdom of Cambodia always issued the statement calling for all Cambodian people to contribute to the Ozone Layer protection by stop using substances that deplete the ozone layer.

This year 2016 H.E SAY Samal Minister of Environment of the Kingdom of Cambodia released his statement in Khmer language with the meaning that on behalf of the Royal of government of Cambodia, Today I am very pleased to joint with other 197 countries and people around the world cerebrating the 31st anniversary of the creation of the Vienna Convention for the Protection of Ozone Layer and 29th anniversary of the creation of the Montreal Protocol on Substances that Deplete the Ozone Layer.

On 16 September 2016 is the anniversary of celebration of the international day on the protection of ozone layer with the theme of **“Ozone and Climate: Restored by the world united”**, the purpose of the celebration of international ozone day is devoted to the people who were contributed to preserve and prevent of ozone layer depletion as well as participate in the prevention of global warming. In addition, the celebration is to encourage people to continue support and joint with global community to comply with the Montreal Protocol obligations in reduction and phase out of ODS.

In this opportunity, on behalf of the Royal Government of Cambodia, I would like to joint with the governments of the parties to the Montreal Protocol and people around the world which have been cerebrating the very significant event for encouraging and joining together to protect and prevent the ozone layer that a shield prevent the UV radiation to earth, to ensure safety of ecology system and sustainable living of the people in the next generation to come.

As the party to the Montreal Protocol, the Royal Government of Cambodia achieved the totally phase out of Chlorofluorocarbon in 2010 and now we are implementing Hydrochlorofluorocarbon Phase out Management Plan (HPMP), to comply with the HCFCs phase out schedule under the Montreal Protocol. Meanwhile, Cambodia has a strong commitment to support the Montreal Protocol



amendments for putting Hydrofluorocarbon into the list of controlled substances which is the high potential for global warming.

The phase out of ODS is actually significant contributed to reduction emission of greenhouse gases into the atmosphere and also help to prevent the depleting of Ozone Layer and reduction of global warming. Through the global effort in the management, prevention and phase out of ODS, we hope that the ozone layer will be recovered in this mid of 21 century.

In this context, Cambodia is committed its self to implement the obligation of the Montreal Protocol in management, prevention and phase out of ODS joining mission and campaign of the United Nations to ensure the safety of Ozone Layer, environmental sustainability, sustainable living and living in harmony of the humankinds, animal and plants on earth.

We would like to take this important opportunity to express my high regards to your effort, Excellency, lady and gentlemen, services servant and compatriot for you strong support and actively participation, and we calling for all ministries, government institutions and all relevant stakeholders; especially, for business owners that using ODS to continue and maintain the success story of implementation of the legal instrument, like Sub-decree on ODS Management, as well as Hydrochlorofluorocarbon Phase out Management Plan to comply with the obligations of the Montreal Protocol on Substances that Deplete the Ozone layer in Cambodia.

At the end of the statement he expressed that on behalf of the Royal Government of Cambodia he believe and hope that in the occasion of the international day on Protection of Ozone Layer, 16 September 2016, Cambodian people will continue cooperate with the people around the world for ensuring the environmental security and safety for human health and sustainable development, living in harmony with satisfaction environment.