



MINISTRY OF ENVIRONMENT AND TOURISM



REPORT ON CELEBRATION OF THE WORLD OZONE DAY IN MONGOLIA

10-19 September 2020



ULAANBAATAR
2020

Background

The World Ozone Day, dedicated for protection of the world ozone layer which acts as a 'shield' for the earth from harmful effects of the Sun's ultraviolet radiation, is celebrated on 16 September of every year. This year, we celebrate 35 years of the Vienna Convention and 35 years of global ozone layer protection. In 1985, initially 28 countries signed the "Vienna Convention for the Protection of the Ozone Layer" and now it has 198 parties. Under the Convention's "Montreal Protocol on Substances that Deplete the Ozone Layer", governments, scientists and industries have worked together to phase-out 99% of almost 100 ozone depleting substances. As a result of its successful implementation, the ozone layer is healing and expected to return to pre-1980 condition by mid-century.

Therefore, this year, countries around the world are celebrating the World Ozone Day with '**Ozone for life: 35 years of Ozone Layer Protection**' theme and promoting its successes and achievements. In the future, Parties of the Montreal Protocol will continue to protect the ozone layer as well as contribute to climate change mitigation efforts through the Kigali Amendment to the Montreal Protocol, which will phase-down the production and consumption of hydrofluorocarbons (HFCs) that have zero ozone depleting potential and high global warming potential. Currently, the Kigali Amendment has been ratified by about 100 parties.

The activities for World Ozone Day celebration in Mongolia followed the tips included in the draft 'Communications toolkit for National Ozone Units' developed by UNEP OzonAction for Asia and the Pacific region. The toolkit was very helpful to celebrate World Ozone Day during this pandemic situation.

1. Press conference



Press conference is very powerful instrument to disseminate information to general public. On occasion of the World Ozone Day in this year, National Ozone Authority (NOA) of Ministry of Environment and Tourism (MoET) held a press conference in the 'Khaan' conference room of MoET. HE Batbayar Ts., Vice Minister of Environment and Tourism, Prof. Adiyasuren Ts.,

Director of NOA, Mr. Batmunkh D., Director of Environment and Natural Resources Management Department of MOET, Mr. Batdorj Ts., Director of TVET Assessment center of Ministry of Labour and Social Protection, Mr. Usukhjargal Ts., President of Mongolian Refrigeration Association (MRA) and Dr. Enkh-Amgalan Sh., Director of 'Master Skills' training center which operates under MRA, participated in the press conference and gave information to general public through media.



HE Batbayar Ts., Vice Minister of Environment and Tourism

HE Batbayar Ts. mentioned the international treaties' successes and achievements over the past 35 years and expressed his appreciation towards the Secretariat of the Vienna Convention and Montreal Protocol. Furthermore, he stated that Mongolia is contributing to protection of the ozone layer by successfully fulfilling its obligations and highlighted the recent verification of the hydrochlorofluorocarbon (HCFC) consumption in Mongolia for the years from 2016 to 2019. He also emphasized that the ratification of the Kigali Amendment will be discussed by the cabinet of Mongolia possibly this autumn and the government will continue contributing to international global warming mitigation activities.



***Prof. Adiyasuren Ts., Director of National Ozone Authority of
Ministry of Environment and Tourism***

Continuing, Prof. Adiyasuren Ts. said that implementing the Montreal Protocol is not only about monitoring and controlling production and import of ozone depleting substances but also the alternative substances that has crucial impact on global warming. Therefore, he highlighted the importance of good practices in servicing sector and competence of servicing technicians and repairmen of HVAC-R equipment. The HVAC-R servicing sector uses most of the controlled substances in the country and therefore it is very crucial due to the increase of technologies containing alternative substances entering into the market in recent years. He continued that several international standards such as MNS ISO 5149:2020 and MNS ISO 817:2020 have been adopted as national standards and hopefully will help to strengthen the competence based certification system for HVAC-R servicing technicians in the country.



***Mr. Batdorj Ts., Director of TVET Assessment center of
Ministry of Labour and Social Protection***

On this matter, Mr. Batdorj Ts. highlighted that the newly appointed Minister of Labour and Social Protection will focus more on the labour issues than social protection this year. Therefore, the TVET Assessment center will continue the cooperation with NOA and MRA to prepare competent and skilled technicians/repairmen through technical and vocational education and training organizations. He also added that the center will continue the Recognizing Prior Learning (RPL) assessments for personnel working informal sector and issue competence certificate for those who qualified. Even though RPL assessments were pending for some time due to the on-going pandemic situation, the center could successfully conduct assessment jointly with NOA and MRA and issued competence certificates for 22 technicians/repairmen as of September 2020.



Mr. Usukhjargal Ts., President of Mongolian Refrigeration Association (MRA) and Dr. Enkh-Amgalan Sh., Director of 'Master Skills' training center

Moreover, Mr. Usukhjargal Ts. and Dr. Enkh-Amgalan Sh. mentioned that MRA is contributing a lot to capacity building of servicing technicians of this sector, emphasized that they are taking step-by-step actions to provide systemized education and capacity building programs and certification system for technicians. Since many of the alternative substances are flammable and some have high working pressure, technicians handling these refrigerants need not only to be concerned about environment but also be capable of sustaining their safety. They added that they are working to determine which of the alternative substances will be suitable in Mongolian environment.

After that NOA introduced the books '**The Compilation of Mongolian National Laws and legislations coordinating activities related to protection of the Ozone Layer**' and '**Good Servicing Practices for Flammable Refrigerants: A Quick Guide**'. These are the latest books to be published by NOA under the implementation framework of HPMP and were disseminated representatives of national libraries, universities, Specialized Inspection Agency departments, Ministry of Energy as well as technical and vocational education organizations.



At the end of the press conference, NOA awarded a 'Certificate of Recognition of 35 Years of Vienna Convention for the Protection of the Ozone Layer' to representatives of the three entities, 'Next Electronics', 'Nomin Trading' and 'BSB Electronics', which introduced high number of ozone-climate friendly refrigerators in the market.



2. Media promotion



On occasion of celebration of the World Ozone Day 2020, Prof. Adiyasuren Ts. gave interviews to daily newspapers and websites and promoted the World Ozone Day. NOA further disseminated information related to World Ozone Day, the implementation of the Montreal Protocol and selecting HVAC-R equipment depending on alternative refrigerants to general public through their social networking channels.

2.1. Newspaper interviews

The articles ‘The consumption of almost 100 ozone depleting substances have been successfully phased-out’ and ‘The proper use of RAC equipment will protect the Ozone layer’ have been published on the ‘Today’ and ‘Century News’ daily newspapers respectively.



2.2. Interviews/articles published on TV programmes and websites

MoET “Today is the World Ozone Day”

<https://www.facebook.com/mne.mn/videos/324254835349149>

Water Resource and Environment Protection Center of MoET “Today is the World Ozone Day”

https://www.facebook.com/permalink.php?story_fbid=3150518538400924&id=718097694976366

MNB TV “Today is the World Ozone Day”

<https://www.facebook.com/mnbmongoliinmedee/videos/701639740388448>

SBN TV “Today is the World Ozone Day”

<https://www.facebook.com/SBNMongolia/videos/685689518963944>

TV5 “Today is the World Ozone Day”

<https://www.facebook.com/TV5Mongolia/videos/334442374537938>

STAR TV “Today is the World Ozone Day”

TV 25 “Today is the World Ozone Day”

Montsame: “Possible to prevent the increase of global warming by 0.5 degree Celsius”

<https://www.montsame.mn/mn/read/236625>

Today is the World Ozone Day

<http://isee.mn/n/13452>

Today is the World Ozone Day

<http://www.zaluucom.mn/read/50b275dga>

Adiyasuren Ts: “There will be high risk of health problems without the planet’s ozone layer”

<https://ikon.mn/n/1zkc>

Today is the World Ozone Day

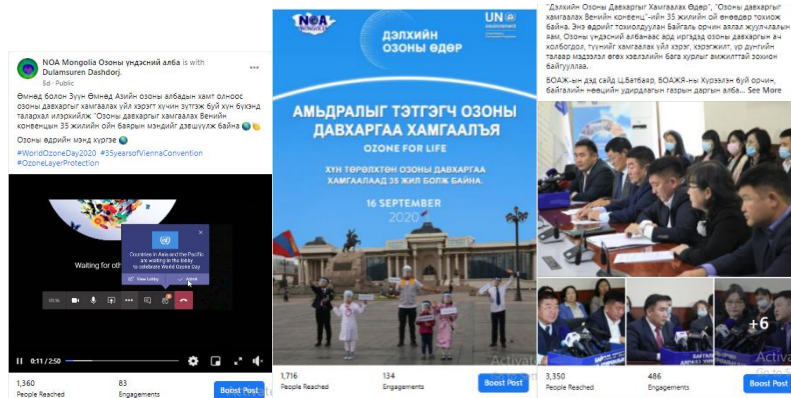
<https://gogo.mn/r/16nov>

2.3. National Ozone Authority’s social networking channels

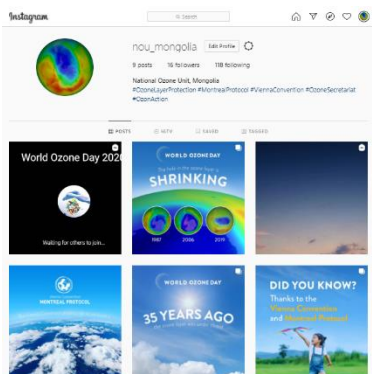
➤ <https://twitter.com/OzoneMn>



➤ <https://www.facebook.com/ozonemongolia/>



➤ https://www.instagram.com/nou_mongolia/



Due to the Covid-19 pandemic, NOA decided to raise awareness more through social networking platforms. Therefore, we created a new Instagram account as NOU Mongolia and disseminated Instagram carousels provided from Ozone secretariat.

3. Awareness materials

- 3.1. **The Good Servicing Practices for Flammable Refrigerants: A Quick Guide & The Compilation of Mongolian National Laws and legislations coordinating activities related to protection of the Ozone Layer**



- 3.2. **The Verification Report on the National Consumption of Hydrochlorofluorocarbon (HCFC) in Mongolia for the years from 2016 to 2019**

NOA translated the Verification Report on the National Consumption of Hydrochlorofluorocarbon (HCFC) in Mongolia for the years from 2016 to 2019 and published in order to provide information about the importance of stakeholders and public to meet the obligation under the Montreal Protocol.



3.3. Posters



ДЭЛХИЙН ОЗОНЫ ДАВХАРГЫГ ХАМГААЛАХ ӨДРИЙН СЭДВҮҮД ХҮН ТӨРӨЛХТӨН ОЗОНЫ ДАВХАРГАА ХАМГААЛААД 35 ЖИЛ БОЛЖ БАЙНА

Он	Ангил хэл	Мөнгөл хэл
1999	"Save Our Sky - There is a hole in the ozone layer" / "Сэвэгний тэнгэр - тэнгэртэй ой боловч тэнгэр"	Озонг ямар ч хэмжээгээр хамгаална; Урьдчилалтай тусалж тэнгэртэй ой боловч тэнгэр
2000	"Save Our Sky - There is a hole in the ozone layer" / "Сэвэгний тэнгэр - тэнгэртэй ой боловч тэнгэр"	Озонг ямар ч хэмжээгээр хамгаална; Урьдчилалтай тусалж тэнгэртэй ой боловч тэнгэр
2001	"Save Our Sky - There is a hole in the ozone layer" / "Сэвэгний тэнгэр - тэнгэртэй ой боловч тэнгэр"	Озонг ямар ч хэмжээгээр хамгаална; Урьдчилалтай тусалж тэнгэртэй ой боловч тэнгэр
2002	"Save Our Sky - There is a hole in the ozone layer" / "Сэвэгний тэнгэр - тэнгэртэй ой боловч тэнгэр"	Озонг ямар ч хэмжээгээр хамгаална; Урьдчилалтай тусалж тэнгэртэй ой боловч тэнгэр
2003	"Save Our Sky - There is a hole in the ozone layer" / "Сэвэгний тэнгэр - тэнгэртэй ой боловч тэнгэр"	Озонг ямар ч хэмжээгээр хамгаална; Урьдчилалтай тусалж тэнгэртэй ой боловч тэнгэр
2004	"Save Our Sky - There is a hole in the ozone layer" / "Сэвэгний тэнгэр - тэнгэртэй ой боловч тэнгэр"	Озонг ямар ч хэмжээгээр хамгаална; Урьдчилалтай тусалж тэнгэртэй ой боловч тэнгэр
2005	"Save Our Sky - There is a hole in the ozone layer" / "Сэвэгний тэнгэр - тэнгэртэй ой боловч тэнгэр"	Озонг ямар ч хэмжээгээр хамгаална; Урьдчилалтай тусалж тэнгэртэй ой боловч тэнгэр
2006	"Save Our Sky - There is a hole in the ozone layer" / "Сэвэгний тэнгэр - тэнгэртэй ой боловч тэнгэр"	Озонг ямар ч хэмжээгээр хамгаална; Урьдчилалтай тусалж тэнгэртэй ой боловч тэнгэр
2007	"Save Our Sky - There is a hole in the ozone layer" / "Сэвэгний тэнгэр - тэнгэртэй ой боловч тэнгэр"	Озонг ямар ч хэмжээгээр хамгаална; Урьдчилалтай тусалж тэнгэртэй ой боловч тэнгэр
2008	"Save Our Sky - There is a hole in the ozone layer" / "Сэвэгний тэнгэр - тэнгэртэй ой боловч тэнгэр"	Озонг ямар ч хэмжээгээр хамгаална; Урьдчилалтай тусалж тэнгэртэй ой боловч тэнгэр
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2012	"Save Our Sky - There is a hole in the ozone layer" / "Сэвэгний тэнгэр - тэнгэртэй ой боловч тэнгэр"	Озонг ямар ч хэмжээгээр хамгаална; Урьдчилалтай тусалж тэнгэртэй ой боловч тэнгэр
2013	"Save Our Sky - There is a hole in the ozone layer" / "Сэвэгний тэнгэр - тэнгэртэй ой боловч тэнгэр"	Озонг ямар ч хэмжээгээр хамгаална; Урьдчилалтай тусалж тэнгэртэй ой боловч тэнгэр
2014	"Save Our Sky - There is a hole in the ozone layer" / "Сэвэгний тэнгэр - тэнгэртэй ой боловч тэнгэр"	Озонг ямар ч хэмжээгээр хамгаална; Урьдчилалтай тусалж тэнгэртэй ой боловч тэнгэр
2015	"Save Our Sky - There is a hole in the ozone layer" / "Сэвэгний тэнгэр - тэнгэртэй ой боловч тэнгэр"	Озонг ямар ч хэмжээгээр хамгаална; Урьдчилалтай тусалж тэнгэртэй ой боловч тэнгэр
2016	"Save Our Sky - There is a hole in the ozone layer" / "Сэвэгний тэнгэр - тэнгэртэй ой боловч тэнгэр"	Озонг ямар ч хэмжээгээр хамгаална; Урьдчилалтай тусалж тэнгэртэй ой боловч тэнгэр
2017	"Save Our Sky - There is a hole in the ozone layer" / "Сэвэгний тэнгэр - тэнгэртэй ой боловч тэнгэр"	Озонг ямар ч хэмжээгээр хамгаална; Урьдчилалтай тусалж тэнгэртэй ой боловч тэнгэр
2018	"Save Our Sky - There is a hole in the ozone layer" / "Сэвэгний тэнгэр - тэнгэртэй ой боловч тэнгэр"	Озонг ямар ч хэмжээгээр хамгаална; Урьдчилалтай тусалж тэнгэртэй ой боловч тэнгэр
2019	"Save Our Sky - There is a hole in the ozone layer" / "Сэвэгний тэнгэр - тэнгэртэй ой боловч тэнгэр"	Озонг ямар ч хэмжээгээр хамгаална; Урьдчилалтай тусалж тэнгэртэй ой боловч тэнгэр
2020	"Save Our Sky - There is a hole in the ozone layer" / "Сэвэгний тэнгэр - тэнгэртэй ой боловч тэнгэр"	Озонг ямар ч хэмжээгээр хамгаална; Урьдчилалтай тусалж тэнгэртэй ой боловч тэнгэр

NOA listed and printed the themes for International Day for the Preservation of the Ozone Layer that were celebrated from 1999 to 2020 in order to remind the public how we have worked together to achieve today's success. We also printed the poster for World Ozone Day 2020 with Mongolian theme.



Moreover, NOA translated the posters, 'New Rules for Refrigerants' and 'What's in your Cylinder', that were provided by UNEP CAP team and adapted the texts into Mongolian context. In order to reduce the use of paper, we posted the posters in our Facebook page.

3.4. Brochure

NOA translated the trifold brochures prepared by Cambodia, 'CLEAN COOLING, KEEP COOL WITHOUT WARMING THE PLANET: HOW YOU CAN HELP' and 'HOW TO KEEP COOL AND KIGALI-COMPLIANT: INFORMATION FOR SERVICING WORKSHOPS', into Mongolian language and published.



4. Corporate partnership

NOA cooperated with one of the well-known electronic appliance shopping malls in Mongolia, the 'Next Electronics' within corporate partnership framework to promote ozone-climate friendly cooling appliances. The shopping mall offered a small discount to those who purchase ozone-climate friendly cooling appliances. The same company also created the above mentioned promotional video that presents information about the ozone layer and its importance.

Links:

<https://www.facebook.com/nextelectronics/posts/4625405444167965>

<https://www.facebook.com/nextelectronics/posts/4620003224708187>



The discount will be in place until 27 September, and shop staffs will explain about the ozone-climate friendly technology and its importance to the customers. Moreover, the merchandise and awareness materials published by NOA will be disseminated to each customer who purchased ozone-climate friendly equipment/electronic appliance.

NOA also cooperated with several other shopping malls such as **'BSB Electronics'** and **'Nomin Trading'** to spread information the about World Ozone Day celebration to the public through their electronic screens.



5. Merchandise

NOA designed two types of eco-friendly bag, one has the information about the contribution of the Montreal Protocol to the Sustainable Development Goals and the other has an ozone hole picture and information on the how do we measure ozone hole.



6. Quiz on Social Media

NOA organized the daily quiz on its Facebook page between 10 September and 15 September using the questions provided by the Ozone Secretariat. On 16 September, the winners of the quiz received publication and awareness materials from NOA.



As a result of the daily quiz, the insights of the NOA's Facebook page has increased.

7. Regional celebration

On the occasion of 35 years of Vienna convention for the Protection of the ozone layer, Regional Office for Asia and the Pacific (ROAP) of OzonAction, UNEP created the regional celebration video which includes the Happy Ozone Day greetings in various languages. NOA of Mongolia also sent the short video to include in the regional celebration video for the World Ozone Day 2020. The full video was shared by ROAP CAP team and NOA further disseminated through the big screen as well as social media channels.

Link:

<https://www.facebook.com/ozonemongolia/videos/2723241237996120>

PREPARED BY: Bolor-Erdene O., Officer of NOA

REVIEWED BY: Adiyasuren Ts., Director of NOA

Dulamsuren D., Senior officer of NOA