

## REPORT ON CELEBRATION OF THE WORLD OZONE DAY IN MONGOLIA

16 SEPTEMBER 2022



**NATIONAL OZONE AUTHORITY**  
Ministry of Environment and Tourism, Mongolia

**THEME: Montreal Protocol @35 - Global cooperation protecting life on earth**

**19 SEPTEMBER 2022**

## BACKGROUND AND SUMMARY

When the world found out that ozone-depleting gases used in aerosols and cooling were creating a hole in the sky, they came together. They showed that multilateralism and effective global cooperation worked and they phased out these gases. Now the ozone layer is healing, allowing it once again to shield humanity from the sun's ultraviolet radiation.

This action has protected millions of people from skin cancer and cataracts over the years since. It allowed vital ecosystems to survive and thrive. It safeguarded life on Earth. And it slowed climate change: if ozone-depleting chemicals had not been banned, we would be looking at a global temperature rise of an additional 2.5°C by the end of this century. This would have been a catastrophe.

Therefore, this year, countries around the world are celebrating World Ozone Day with the 'Montreal Protocol@35 - Global cooperation protecting life on earth' theme to promote the importance of cooling and air-conditioning in our lives.

The National Ozone Authority (NOA) of Mongolia successfully celebrated World Ozone Day 2022 on September 16 by organizing and participating in several activities such as Asia Pacific Regional 'Ozone2Climate' Art contest winners announced at the national and regional levels.

## ACTIVITIES OF AWARENESS RAISING

### 1. H.E. MR. BATTULGA E., THE STATE SECRETARY WORLD OZONE DAY SPEECH

H.E. Mr. BATTULGA Erkembayar, the State Secretary Ministry of Environment and Tourism, published greetings on the occasion of World Ozone Day through social media.

He mentioned the theme and importance of the World Ozone Day 2022, 'Montreal Protocol@35 – Global cooperation protecting life on Earth' and highlighted that Mongolia is one of many countries implementing the Montreal Protocol to protect our ozone layer together.

Moreover, he emphasized the Kigali Amendment to the Montreal Protocol obliges countries to reduce their production and consumption of hydrofluorocarbon (HFC) by more than 80% over the next 30 years and replace them with environmentally friendly substitutes.

Please find the social media greetings [here](#).



## 2. PRESS CONFERENCE



*From left to right: Mrs Dulamsuren D., Dr. Enkh-Amgalan Sh., Prof. Adiyasuren Ts., Mr. Tsogtsaikhan P., Mr. Munkhbat Ts.*

On occasion of the World Ozone Day in this year, National Ozone Authority (NOA) of Ministry of Environment and Tourism (MET) held a press conference in the 'Khaan' conference room of MET. Prof. Adiyasuren Ts., Director of NOA, Mr. Tsogtsaikhan P., Director of the Department of Environment and Natural Resources Management of MET, Mrs. Dulamsuren D., Senior officer of NOA, Dr. Enkh-Amgalan Sh., Director of 'Master Skills' training center which operates under Mongolian HVAC-R Association and Mr. Munkhbat Ts., Officer of MET participated in the press conference, and gave information to the public through media.



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

Prof. Adiyasuren Ts. opening the press conference and introducing a speech on behalf of the State Secretary. He said that implementing the Montreal Protocol is not only about monitoring and

controlling the production and import of ozone-depleting substances but also about the alternative substances that have a crucial impact on global warming. On the occasion of World Ozone Day 2022 and gave information to the general public on the World Ozone Day, 35 years of the Montreal Protocol, uses of the ozone-depleting substances and greenhouse gases, and announce the results of the Asia Pacific Regional 'Ozone2Climate' Art contest for 2021-2022.

By ratifying the Kigali Amendment to the Montreal Protocol on January 18, 2022, Mongolia is committed to reducing the import consumption of hydrofluorocarbons (HFC), which is harmful to global warming, by 2045.



*Mr. Tsogtsaikhan P., Director of the Department of Environment and Natural Resources Management of MET*

Continuing, Mr. Tsogtsaikhan P. emphasized National Legislation has gradually evolved since the ratification of the Kigali Amendments were approved by the State Parliament in June 2022 which following National 6 law of acts amendments to the Mongolian National Law of Air, Nature Protection, Environmental Impact Assessment, Construction, License for Business Organization Activities, and State Stamp Fees.

State Secretary: H.E Battulga E. was not able to attend in the press conference due to he had another state-emergency personnel meeting at National Security Council. Even though he did not participate press conference in his own presence, he published warm greetings on the occasion of World Ozone Day on his own social media platform.



*Dr. Enkh-Amgalan Sh., Director of 'Master Skills' training center and Mrs. Dulamsuren D., Senior officer of NOA*

Moreover, Mrs. Dulamsuren and Prof. Enkh-Amgalan said as an importer and consumers of RAC technology within the framework of the Montreal Protocol, Mongolia, it is important for refrigeration and air conditioning technicians to acquire the correct practices/good practices of refrigeration and air conditioning service for maintenance without leaking refrigerant to the atmosphere. Therefore, as part of the implementation of the HPMP project, the refrigeration and air conditioning equipment technician professional Occupational reference/standards, competency-based training curriculum, and assessment plans have been developed. The “Master-Skills center” is conducting training for refrigeration technicians in cooperation with the NOA on alternative refrigerant technology, operation and maintenance of emerging equipment, and GSPs and tools. A competency-based training curriculum was developed as part of the work to increase professional knowledge and skills in cooperation with the Ministry of Labour and Social Welfare.

It is also advised that citizens and the general public have their refrigerators, refrigerated warehouses, air conditioning equipment, and Mobile air conditioners charged with refrigerant by qualified refrigeration and air conditioning repairers and technicians. By fulfilling this social responsibility, it is not only contributing to the protection of the ozone layer and mitigating climate change, but it is also saving money and finances.

*Press release:* A compilation of articles provided by UNEP for World Ozone Day and international messages of the UN Secretary-General’s statements and information on global warming.

[Live: Tsahiur.mn](https://tsahiur.mn) “**Today is World Ozone Day. 8 years left for us to protect the World**”

Please find the live broadcast [here](#).

### 3. ARTICLES PUBLISHED ON WEBSITES

The article ‘Today is World Ozone Day’ have been published on the ‘MNB.mn’ official website of Mongolian National Broadcaster respectively.

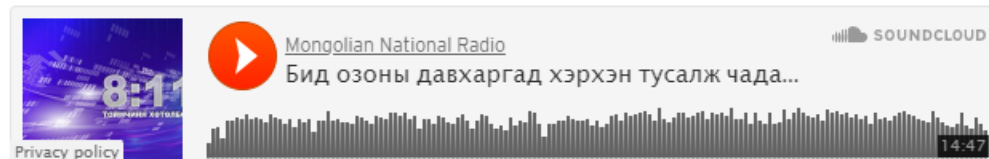


Please find the published article [here](#).

**8:11 Podcast:** Prof. Adiyasuren Ts. gave interviews about “*World Ozone Day – Montreal Protocol 35 years global cooperation protecting life on earth*” to 8:11 podcast by Mongolian National Broadcaster and greetings World Ozone Day 2022 to all the audience. He briefly explained the theme overview of this year’s celebration, Montreal Protocol 35 years, Asia Pacific Regional

'Ozone2Climate' Art contest. Moreover, NOA staffs explained how citizens can protect the ozone layer and emphasized the importance of cooling needs in our lives while protecting the ozone layer.

Монголын радиогийн уран бүтээлчдийн бэлтгэсэн "Найм арваннэг" тоймчийн хөтөлбөр: "Бид озоны давхаргад хэрхэн "тусалж" чадах вэ" сэдвээр бэлтгэлээ. /2022.09.16/



Mongolian National Radio - Бид озоны давхаргад хэрхэн тусалж чадах вэ

Нийтэлсэн: Найм арваннэг

Please find the full podcast [here](#).

#### 4. ASIA PACIFIC REGIONAL 'OZONE2CLIMATE' ART CONTEST

On occasion of the World Ozone Day, the UN Environment Programme with the support from OzonAction, UNESCO, and Mahidol University, announced between from 16<sup>th</sup> of September 2021 to 16<sup>th</sup> of September 2022 the Asia Pacific Regional 'Ozone2Climate' Art Contest announced to promote the linkage of ozone layer and climate change protection, as well as achievements made under the Montreal Protocol and to outreach for continuous mobilization of public support on the phase-out of ozone depleting substances (ODSs) and phase-down of potent greenhouse gases, hydrofluorocarbons (HFCs).

The Asia Pacific Regional 'Ozone2Climate' Art Contest officially ended on the 16<sup>th</sup> of September 2022. At the national level contest, we received over 8 pieces of artwork in three categories: Drawing, Photography, and Graphic design, through online, offline submission, and direct platforms established by NOUs. Out of these, 3 pieces of artwork from our country were nominated to move on to the regional level contest.

We have published the NOU and public voting for the Regional Evaluation of the Asia Pacific Regional Ozone2Climate Art Contest through the NOA website, social media and Youtube.

**NOA website:** [click here](#)

**Facebook:** [click here](#)

**Instagram:** [click here](#)



Following the votes from the NOUs, the Public and our Regional Judging Committee, the Mongolian participant have been selected for 3rd place of adult-drawing category on the approach specified in the concept note of the art contest.

We are pleased to inform public of the following national contest results:

One 1st place winner from each category.

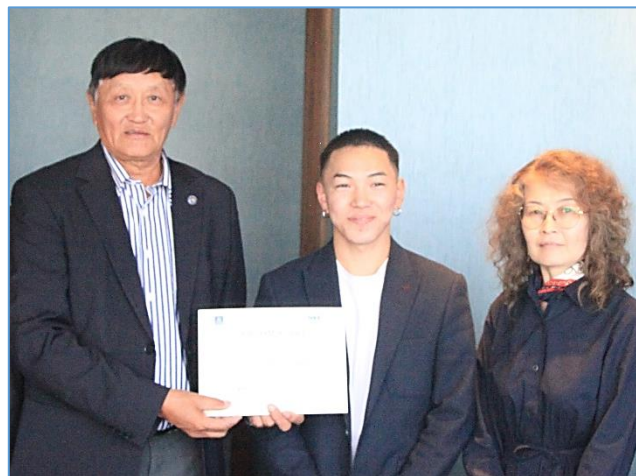
One 2nd place runner-up from each category.

One 3rd place runner-up from each category.

A total of 8 works were selected as national winners, and Prof Adiyasuren Ts. announced the results of the national and regional competitions through a press conference dedicated to World Ozone Day. The winners of all works were presented with honors and valuables in an Asiana Restaurant, Central Tower.



*National contest winners*



*Regional contest 3<sup>rd</sup> place runner-up*



Public official announcement of Art contest

Please find the awards post [here](#).

## 5. ORGANIZATIONS AND SCHOOL PARTNERSHIP

### 5.1 Organizations (Business entities)

On the occasion of World Ozone Day, the NOA developed and delivered a short video with stakeholders on the benefits of using alternative substitutes, their impact on the environment and climate change, and cooperation. Short video was created by NOA, published to social media, NOA website and YouTube.

#### 5.1.a Delegation of Khurgult Service LLC – HVAC service provider



Khurgult Service LLC



The Khurgult Service LLC said through the video about the workshop and training organized by UNEP and NOA, which handout manual and instructions are easy to carry out and implement for technicians to their day-to-day basis. Nowadays, Khurgult Service LLC phased out of R22 under the Montreal Protocol and uses R32 refrigerant in air conditioning systems.

Please find the full video of Khurgult Service LLC [here](#).

### **5.1.b Delegation of Tulga Tukhuurumj LLC – Refrigerator and freezing equipment for commercial and catering**



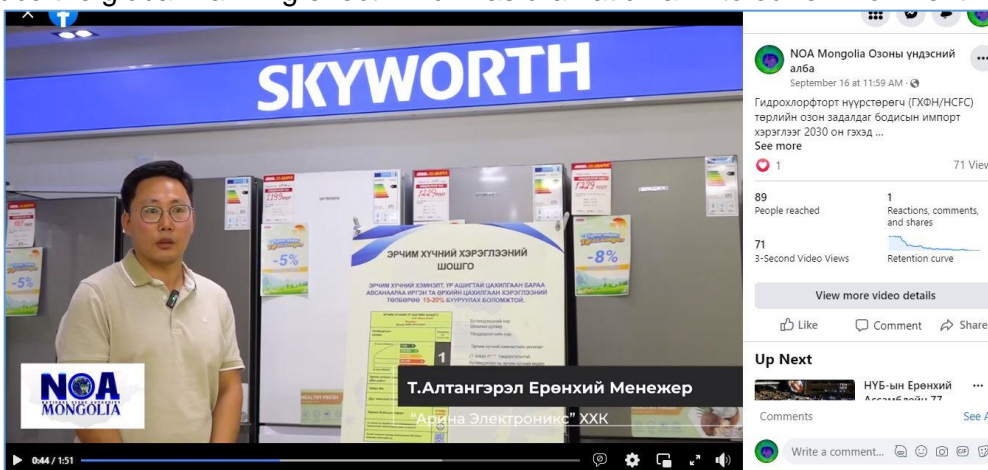
*Tulga Tukhuurumj LLC*

Tulga Tukhuurumj LLC mentioned the Montreal Protocol about the phase-out/down of HCFC/HFC. They told that, they recently became official OEM distributor of the Korean “UNIQ” brand which manufacture and provide refrigerators with R134a, R600a refrigerants that will result less harm to nature in order to give contribution to the sustainable environment.

Please find the full video of Tulga Tukhuurumj LLC [here](#).

### **5.1.c Delegation of Arina Electronics LLC – Domestic refrigerator and freezers**

First of all, they delivered messages about greetings for World Ozone Day to NOA and UNEP. And they stated as they are delighted to cooperate with NOA for the last 11 years. Since they are also an official distributor of refrigerators that contain R600A refrigerant, they always work aiming to reduce the global warming effect which has dramatic harm to our environment



*Arina Electronics LLC*

Please find the full video of Arina Electronics LLC [here](#).

## 5.2 School

On occasion of the World Ozone Day, NOA for citizens and children and youth '*What is the ozone, how to protect the ozone layer, Harm originates ozone layer depletion*', short video in collaboration with '**Baigal-Ekh**' high school of the **National University of Mongolia** and created by NOA through social media such as NOA website and YouTube.



*'Baigal-Ekh' high school of the National University of Mongolia students*

Please find the full video of Baigal-Ekh high school of the National University of Mongolia [here](#).

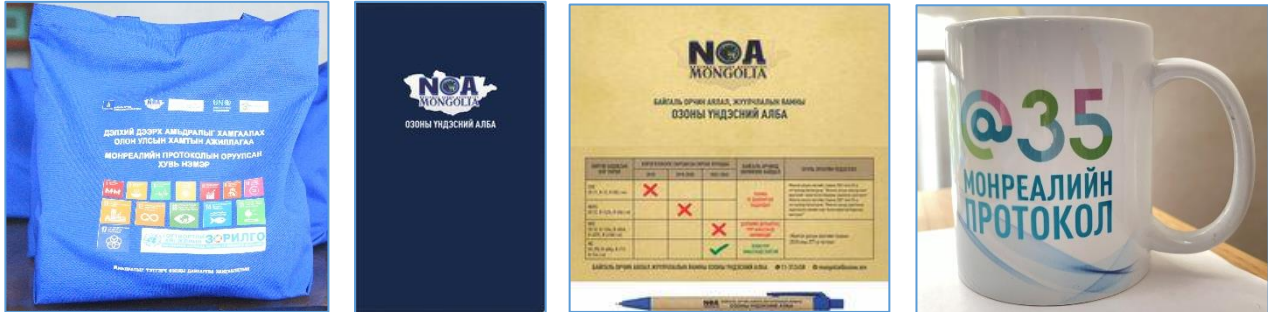
## 6. SOCIAL NETWORKING CHANNELS

NOU voting for the Regional Evaluation of the Asia Pacific Regional Ozone2Climate Art Contest	NOA website, Facebook and YouTube	Please find the post from article 4.
On occasion of the World Ozone Day, the ' <i>World Ozone Day 2022 Montreal Protocol@35</i> ', short movie was subtitled into Mongolian language and aired through media channels such as NOA website, Facebook, and YouTube.	NOA website:	Please find the full video <a href="#">here</a> .
	YouTube:	Please find the full video <a href="#">here</a> .
	Facebook:	Please find the full video <a href="#">here</a> .
Cooperate and School partnership short video	NOA website:	Please find the video from article 5.
	YouTube:	
	Facebook:	
Poster	Facebook:	Please find the post <a href="#">here</a> .
	Instagram:	Please find the post <a href="#">here</a> .
Prof. Adiyasuren Ts., Director of NOA podcast	Facebook:	Please find the post <a href="#">here</a> .
Press release for World Ozone Day 2022	NOA website:	Please find the article <a href="#">here</a> .
NOA translated and published UN Secretary-General's statements	NOA website:	Please find an article <a href="#">here</a> .

## 7. AWARENESS MATERIALS

### 7.1 Merchandise

NOA designed the 30 pieces of eco-friendly bag, it has the information about the contribution of the Montreal Protocol to the Sustainable Development, pocketbook, cup with Montreal Protocol@35 logo and eco stationery set, it has the information about the phase out schedule of HCFC and HFC.



### 7.2 Posters and stand



Adapted and published three types of posters and stand for dissemination of the general public on World Ozone Day 2022. Total of 30 copies of posters and 1 of stand were printed. NOA published the poster through social media.

Supervised by:

Prof. Adiyasuren Ts., the Director of NOA  
Mrs. Dulamsuren D., the Senior and HPMP Officer of NOA

Prepared by:

Ms. Munkhzul B., the Officer of NOA