

# WORLD OZONE DAY 2023

## MONTREAL PROTOCOL: FIXING THE OZONE LAYER AND REDUCING CLIMATE CHANGE

### Event 1

With a profound legacy of 24 years as a member of both the Vienna Convention and the Montreal Protocol, the Ministry of Environment of the Republic of Armenia, a competent body appointed by the Government of Armenia, organized a prestigious high-level event.

This year World Ozone Day celebrations were highlighted by the special visit of the honorary guest the Executive Secretary of the Ozone Secretariat to the Republic of Armenia.

On September 14, 2023, the National Ozone Unit of the Ministry of Environment held a celebratory event under the "Institutional Strengthening and Capacity Building" Project (UNIDO), which was attended by the Minister of Environment Mr. Hakob Simidyan, Executive Secretary of the Ozone Secretariat Ms. Megumi Seki Nakamura, UN Resident Coordinator in Armenia Nanna Skau, Managing Director at "DAIKIN" Slovakia Mr. Vladimir Orovinsky, director of the National Body for Standardization and Metrology Mr. Albert Babayan, representatives of the Ministry of Education, Science, Culture and Sports, Ministry of Environment, the State Revenue Committee, as well as a number of NGOs.

Welcoming the Ozone Secretary's visit to Armenia, Minister Hakob Simidyan congratulated his colleagues on the occasion, spoke about the measures and programs of the RA government aimed at protecting the Ozone layer, emphasizing the Ministry's efforts to modernize the country's sectoral institutional capacities and strengthen the existing system. Mr. Simidyan handed over certificates of appreciation to the stakeholders in recognition of their great contribution to the protection of the ozone layer.

Statements were made by the Executive Secretary of the Ozone Secretariat, UN Resident Coordinator, the representatives of stakeholders, the National Ozone Focal Point of Armenia, Ms.



Liana Ghahramanyan, who presented Armenia's efforts in aligning with the Vienna Convention and the Montreal Protocol, as well as outlining the guiding principles and achievements.



In the framework of the event organized on the occasion, Mrs. Seki Nakamura, accompanied by the Deputy Minister Tigran Gabrielyan, Director of "Hydrometeorology and Monitoring Center" SNCO Levon Azizyan, Deputy Directors Gagik Surenyan and Gayane Shahnazaryan, the National Ozone Focal Point Liana Ghahramanyan, visited the «Amberd» Ozone-Measuring Meteorological Station of "Hydrometeorology and Monitoring Center" SNCO operating under the Ministry of Environment.

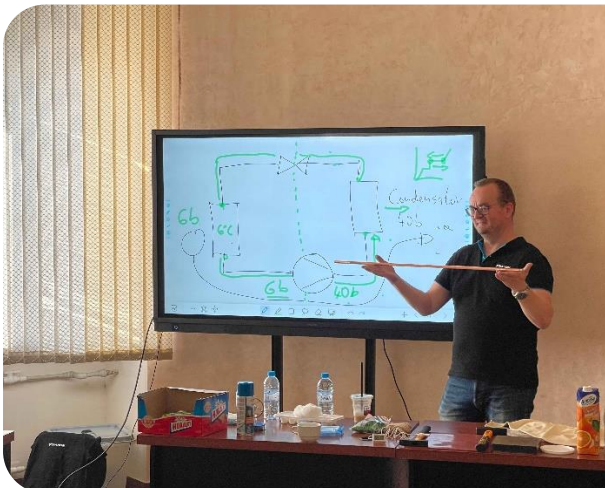




The representatives of the Hydrometeorology Service presented to the guests the importance of the measurements, explaining the procedures for collecting, processing, and subsequently sharing data with the global network. Total ozone monitoring results from the Amberd meteorological station are further submitted to the World Ozone and Ultraviolet Radiation Data Center (WOUDC – Toronto, Canada) on a monthly basis as set forth by the agreement with DWD.

## Event 2

On September 15 and 16, 2023, as part of the activities dedicated to the World Ozone Day, the National Ozone Unit of the Ministry of Environment of Armenia, jointly with DAIKIN, a leading innovator and worldwide provider of advanced, high-quality air conditioning and heating solutions, conducted a training course for students. Through this initiative DAIKIN played a vital role in advancing formal education within Armenia’s HVAC&R sector, making a noteworthy contribution.



The Ministry of Environment selected the National University of Architecture and Construction of Armenia as the course venue, considering the commendable contributions of the “Urban Economy and Ecology” faculty at the institution in nurturing skilled professionals within the field.

The training courses were attended by about 60 students including students of the Faculty of "Urban Economy and Ecology" of the National University of Architecture and Construction of Armenia, «Refrigeration Economy» faculty of Yerevan Regional State College No.2 named after N.Achemyan and Armavir Regional State College and the teaching staff.



The training was conducted by Mr Vladimir Orovnický, the managing director of the Slovak branch of DAIKIN company. Mr. Orovnický shared the history of the company, refrigeration and air conditioning systems and the modernity of the sector, presented the structure of the equipment, the features of their installation, maintenance, dismantling, integration into the existing infrastructure, introduced safety regulations, as well as the impact of refrigerants on the ozone layer when released into the atmosphere.

In the framework of the interactive course, Mr. Orovnický, using household and professional accessories, performed demonstration experiments with student’s participation, demonstrating

the conductivity of the materials, boiling of liquid under pressure, changing from liquid to solid phases due to the decrease in temperature, demonstrating how much CO2 is emitted If regular domestic air conditioner starts leaking out.

The training courses were concluded with Q&A sessions, smiles, as well as the ceremony of awarding "Certificates of Participation" to the trainees by DAIKIN and the Ministry of Environment.

Coverage of all the events was ensured on the official websites of the Ministry and the National Ozone Unit, and on social media:

- MoE Website Article 1 - <http://www.mnp.am/en/news/on-the-day-of-protection-of-the-ozone-layer-armenia-hosted-the-executive-secretary-of-the-ozone-secretariat>
- MoE Website Article 2 - <http://www.mnp.am/en/news/ozone-secretariat-visited>
- MoE FB Page Article 1  
- <https://www.facebook.com/mnparmenia/posts/pfbid08jrqYs1HvcgEgTtp3tpLNZGtKFueNNpw1ko44s2Axerc4pVxiYQ6LmZ18mHAwSodI>
- MoE FB Page Article 2  
- <https://www.facebook.com/mnparmenia/posts/pfbid02zBAnkDPmA86t9DCKqKr24Pa4YEjJCRAAWTrPmYvA1MZ645zrWkb48mzmuQx7vyGrl>
- NOU Website Article - <http://saveozone.am/en/post/ozonayin-sherti-pahpanovtyan-hamashkharhayin-or-2023t>
- NOU FB Page Article 1  
- <https://www.facebook.com/nouarmenia/posts/pfbid08mpq1Gx8oJt7bMUSEqMKVtgawdnGsiSdv5W4BXUfjFZZwivLGoSaZEq4n9Yzu5I>
- NOU FB Page Article 2  
- <https://www.facebook.com/nouarmenia/posts/pfbid05NNeL62i9NXUE4vG8DLQtbHmo2DrpGNTDb5CCHnamL4dm3t1ZEL3sa9mXf35MaKgl>
- NOU Website Article 2 - <http://saveozone.am/post/bacahaytelov-sarnamatakaraman-ev-odorakman-zarmanahrash-ashkharhy>
- NOU FB page Article 2  
- <https://www.facebook.com/nouarmenia/posts/pfbid038QxnutuPGLrZggZQRJQHqFpy5pTdedDY3SZjbx3EBsqpoq1uCWcd6K1moJSDXBxl>

Youtube channel

- <https://www.youtube.com/watch?v=Nbn4Bz2Hdz8&fbclid=IwAR2dzvEZbSkmhbRNx50BSTbr14cBJMH6RTLVDf6Dmi4EWnB5QXwT52wBiwY>

## PRINTED MATERIALS

The thematic poster produced by UNEP was translated into Armenian and uploaded to [the website](#):



The X-banner was printed for the event on 14 September:



Notebooks (200 print run) and certificates of completion were developed and printed for the training course participants.

