

REPORT

on activities of Ozone Center in 2023

Improvement of the legal and regulatory framework for HFCs control

In January and February 2023, databases of organizations having refrigeration equipment were created, and a preliminary report on HFCs consumption in Kyrgyzstan was developed. Analysis and calculations of HFCs consumption were conducted based on the database of installations operating with HFCs in Kyrgyzstan.

In May 2023, a draft Action Plan on the phase down of hydrofluorocarbon (HFC) until 2029 was developed. This plan includes the results of HFCs inventory for the years 2015-2022 and a list of necessary measures to reduce the use of HFCs and improve energy efficiency in the refrigeration sector. Reports on the import of HFCs for the year 2022 were obtained from customs, the Ministry of Economy and Commerce of the Kyrgyz Republic, the Ministry of Natural Resources, Ecology and Technical Control. A reconciliation of data was conducted to refine and establish the average baseline for HFC consumption for the years 2020-2022 in Kyrgyzstan as part of the preparation for the implementation plan of the Kigali Amendment to the Montreal Protocol.

A project proposal for additional measures to support energy efficiency in the RAC servicing sector was developed and approved at the 92nd session of the Executive Committee of the Multilateral Fund in June 2023. In October 2023, a Pilot Project on enhancing energy efficiency in the refrigeration and air conditioning sector was developed, receiving donor support at the 93rd session of the Executive Committee of the Multilateral Fund in December 2023. During the same session, a project for the implementation of the Kigali Amendment in the Kyrgyz Republic for the period 2024-2029 was approved. Currently, there is an ongoing development of a project proposal for the national inventory of banks containing used or unwanted controlled substances.

On September 19, 2023, a meeting of the Interdepartmental Coordination Commission on Ozone was held in Bishkek to discuss the draft Action Plan to reduce hydrofluorocarbon consumption for 2024-2029. The meeting was attended by representatives of the refrigeration industry, educational institutions and non-governmental organizations and employees of the following institutions: Ministry of Natural Resources, Ecology and Technical Control of the Kyrgyz Republic, UNDP office in the Kyrgyz Republic, State Customs Service of the Kyrgyz Republic, Fire Supervision Service under the Ministry of Emergency Situations of the Kyrgyz Republic, Ministry of Economy and Commerce of the Kyrgyz Republic, Ministry of Health of the Kyrgyz Republic, National Statistical Committee of the Kyrgyz Republic, State Agency for Architecture, Construction and Housing and Communal Services under the Cabinet of Ministers of the Kyrgyz Republic, Center for Standardization and Metrology under the Ministry of Economy and Commerce of the Kyrgyz Republic. At this meeting, the results of the implementation of the State program ODS phase out in the Kyrgyz Republic, changes in the legislation of the Kyrgyz Republic in the field of ozone layer protection in connection with the ratification of the Kigali Amendment to the Montreal Protocol, the HFC phase down Strategy - Phase 1 KIP for 2024-2029, issues of government participation, issues related to participation of authorities in the implementation of the Action Plan to phase down of hydrofluorocarbons for 2024-2029, the role and obligations of each ministry and department in this program were discussed.

Workshops on preparation of a draft state program on phase down of HFCs

| No. | Place | Date | Number of participants (number of women) |
|-----|-----------------------|--------------------|---|
| 1. | Bulan-Sogottu village | June 23, 2023 | 42 (5) |
| 2. | Osh city | September 4, 2023 | 25 (1) |
| 3. | Bishkek city | September 15, 2023 | 24 (6) |
| 4. | Cholpon-Ata city | October 24, 2023 | 22 |
| 5. | Karakol city | October 27, 2023 | 20 |
| 6. | Kochkor town | December 12, 2023 | 20 |
| 7. | Natyn city | December 15, 2023 | 18(3) |

On June 23, 2023, a seminar on the project of the state program for phasing down of HFCs in the Kyrgyz Republic took place in the village of Bulan-Sogottu. At the seminar, all participants received detailed information about the developing strategy of the Kyrgyz Republic for the gradual reduction of hydrofluorocarbon consumption until 2029, and the participants provided their recommendations on this strategy. The seminar covered topics such as climate change and the Kigali Amendment to the Montreal Protocol, with an overview of the application of energy-efficient green technologies in the refrigeration sector using low-GWP HFCs. Customs import and export rules for HFCs and HFC-containing equipment in Kyrgyzstan, as well as the state registration of refrigerants and equipment containing them, were also discussed. Participants were briefed on the licensing rules for HFCs in Kyrgyzstan.

On September 4, 2023, a seminar on the project of the state program for phasing down of HFCs in the Kyrgyz Republic was held in the city of Osh, where the program components aimed at gradually reducing HFC usage until 2029 were presented. The seminar also addressed customs procedures and licensing for the import and export of HFCs and rules for the import and export of HFCs and equipment containing HFCs. Participants of the seminar also provided their recommendations regarding this program. The seminar covered topics such as climate change and the Kigali Amendment to the Montreal Protocol, as well as the schedule for reducing HFCs until 2045. It discussed the application of energy-efficient green technologies in the refrigeration sector using low-GWP HFCs, the state registration of refrigerants and equipment containing them, and the Interstate Standard EN 378 and the certification system for refrigeration technicians.

On September 15, 2023, a seminar on the project of the state program for phasing down of HFCs in the Kyrgyz Republic was held in Bishkek. At this event, the key aspects of the state program were presented. Participants received detailed information about the developing state program aimed at gradually reducing HFC usage until 2029. Moreover, issues related to customs procedures, licensing for the import and export of HFCs and HFC-containing equipment were discussed. The seminar also addressed important topics such as climate change and the Kigali Amendment to the Montreal Protocol, as well as the plan to reduce HFC usage until 2045. Information was provided on the Interstate Standard EN 378 and the certification system for refrigeration servicing companies. The application of energy-efficient green technologies in the refrigeration industry using low-GWP HFCs was also discussed, as well as issues related to the

state registration of refrigerants and equipment containing them. Participants of the seminar also provided their recommendations regarding the state program.

On October 24, 2023, a seminar on the project of the state program for phasing down of HFCs in the Kyrgyz Republic took place in Cholpon-Ata. The main components of the program aimed at reducing HFC consumption by 2029 were presented, and issues related to customs procedures, import and export licensing of HFCs, as well as rules for the import and export of HFCs were discussed. The impact of climate change and the Kigali Amendment to the Montreal Protocol, as well as the schedule for reducing HFC usage until 2045, were discussed. Information on the application of energy efficient technologies in the refrigeration industry using low-GWP HFCs was presented. The practical part of the seminar included a demonstration of the collection point for obsolete and used refrigerants and a presentation on how the refrigerant is inserted into a storage container. Participants of the seminar also provided their recommendations regarding the draft state program.

On October 27, 2023, a seminar on the project of the state program for phasing down of HFCs in the Kyrgyz Republic took place in Karakol. Key aspects of the state program for HFC phase down were presented, and participants were provided with information on the program until 2029. Issues related to customs procedures, import and export licensing of HFCs and HFC-containing equipment were also discussed. The seminar also covered topics such as climate change and the Kigali Amendment to the Montreal Protocol, and the schedule for reducing HFC usage until 2045. Information about the international standard EN 378 and the certification system for refrigeration equipment technicians was presented. Aspects of the application of energy efficient technologies in the refrigeration industry using HFCs with low global warming potential were discussed, as well as issues related to the state registration of refrigerants and equipment containing them. Participants of the seminar also expressed their recommendations for the state program and their desire to attend certification courses.

On December 12, 2023, a seminar on "Energy Efficiency in the Refrigeration Equipment Sector" was held in Kochkor town, Naryn region. The seminar presented the strategy of the Kyrgyz Republic for phase down of Hydrofluorocarbon (HFC) consumption for the years 2024-2045, as well as energy efficiency issues in the refrigeration sector. Modern alternative technologies and refrigerants that can be applied to reduce energy consumption were also introduced. The use of hydrocarbons as refrigerants was discussed, along with the requirements of the EN 378 standard and the peculiarities of certification for refrigeration technicians and organizations in Kyrgyzstan.

On December 15, 2023, a seminar on "Energy Efficiency in the Refrigeration Equipment Sector" was conducted in Naryn city, Naryn region, specifically for refrigeration technicians and environmental inspection officers. Participants were provided with detailed information about the Kyrgyz Republic's strategy for phase down of HFC consumption for the years 2024-2045, as well as energy efficiency issues in the refrigeration sector. The seminar extensively covered alternatives to HFCs with low GWP and natural refrigerants, as well as modern energy-efficient equipment for buildings, industrial, and domestic cooling. The requirements of the EN 378 standard and the rules for certifying refrigeration technicians and organizations in Kyrgyzstan were presented. Towards the end, participants discussed the strategy and issues related to enhancing energy efficiency in the RACHP sector.

Training of representatives of authorized state bodies
(Customs and border services and ecological and technical inspectorate)

| No. | Place | Data | Number of participants (women) | Institution |
|-----|-------------------|-----------------------------------|--------------------------------|-------------|
| 1 | Osh city | 16 th of October 2023 | 25 (3) | SCS |
| 2 | Leninskoe village | 18 th of October 2023 | 26 (6) | SCS |
| 3 | Naryn city | 14 th of December 2023 | 18 (2) | SCS |

On October 16, 2023, a workshop on the state regulation of the import, export, and transit of HFCs and the prevention of illegal trade in HFCs for the officers of the State Customs Service (SCS) in the southern region of the country took place in Osh. Participants were briefed on the stratospheric ozone layer, the impact of ultraviolet radiation on human health and the environment, and the issues of climate change and the Kigali Amendment. The outcomes of the state program aimed at phasing out of ODS in the Kyrgyz Republic were presented in detail. The training covered the identification of ODS, HFCs, and equipment containing HFCs, including labeling, CAS/ASHRAE/UN numbers, color codes, and the sectors and equipment utilizing HFCs. Separate discussions addressed methods of smuggling HFCs and ODS, as well as documented cases of ODS smuggling in Kyrgyzstan. All workshop participants received brochures on HFCs intended for law enforcement agencies. A practical session during the workshop demonstrated the use of a refrigerant identifier (gas analyzer) to determine a type of refrigerant, and safety techniques for handling refrigerants and pressurized vessels, including the necessary personal protective equipment.

On October 18, 2023, in Leninskoe village, workshop on the state regulation of the import, export, and transit of HFCs and the prevention of illegal trade in HFCs for the State Customs Service officers was held. Participants were provided with information on the stratospheric ozone layer, the impact of ultraviolet radiation on human health, and the issues of climate change and the Kigali Amendment. Special attention was given to the outcomes of the state program for the phased out of ODS in the Kyrgyz Republic. Participants learnt about the identification of HFCs and equipment containing HFCs, including labeling, CAS/ASHRAE/UN numbers, color codes, and what sectors use various types of equipment on HFCs. A separate presentation covered methods of HFC and ODS smuggling, along with documented cases of ODS smuggling in Kyrgyzstan. All workshop participants received brochures on HFCs intended for law enforcement agencies. During practical session participants learnt how to use a refrigerant identifier (gas analyzer) to determine the type of refrigerant, and safety techniques for handling refrigerants and pressurized vessels, including the necessary personal protective equipment.

On December 14, 2023, in Naryn city workshop on the state regulation of the import, export, and transit of HFCs and the prevention of illegal trade in HFCs for the State Customs Service officers was held. Participants were provided with information about the stratospheric ozone, the impact of ultraviolet radiation on human health, as well as issues related to climate change and the Kigali Amendment. Special attention was given to the strategy of the state program aimed at the phased reduction of HFCs in the Kyrgyz Republic. It was emphasized that HFCs would now be regulated, and quotas would be introduced for the country starting from 2024.

During the seminar, detailed discussions took place on matters related to the identification of HFCs and equipment containing these substances, including labeling, CAS/ASHRAE/UN numbers, and color codes. Various sectors of the economy and types of equipment using HFCs were also discussed. A separate report covered methods of smuggling HFCs and ozone-depleting substances (ODS), along with smuggling facts related to ODS in Kyrgyzstan. All seminar participants were provided with informational materials on HFCs intended for law enforcement agencies. As part of the seminar, a practical session was conducted on the use of refrigerant identifiers (gas analyzers) to determine the type of refrigerant. Additionally, information about safety techniques when handling refrigerants and pressurized vessels, including the necessary personal protective equipment were presented.

Support local industrial sector

On June 26-27, 2023, the 17th Congress of Refrigeration Industry Specialists of the Kyrgyz Republic took place in Cholpon-Ata, Issyk-Kul region. The congress was attended by representatives from universities, vocational schools, the refrigeration industry, and a delegation from the Association of Refrigeration Industry Specialists of the Republic of Kazakhstan. The participants of the congress were presented with the main provisions of the strategy of the Kyrgyz Republic for the phase down of hydrofluorocarbon consumption until 2029. Activities within the framework of the Kigali Amendment and scientific and technical developments in the field of air conditioning in Kazakhstan were discussed. Additionally, the congress considered and discussed the peculiarities of ensuring the safety operation of ammonia refrigeration units and general industrial safety, the use of propane and CO₂ in commercial refrigerators, modular assembly-disassembly refrigeration chambers, and the application of sandwich panels in the construction of refrigeration chambers.

The international cooperation

February 27 - March 3, 2023, Bali, Interregional Seminar on the discussion of Phase I implementation plan of the Kigali Amendment. Participants discussed the implementation plan of the Kigali Amendment and additional measures for the adoption of low or zero GWP alternatives to HFCs, as well as for maintaining energy efficiency in the refrigeration servicing sector.

April 26-28, 2023, Ohrid, North Macedonia, Meeting of the Montreal Protocol Network for Europe and Central Asia (ECA) and strengthening of RAC associations to support the phase down of HFCs in accordance with the Kigali Amendment. Participants shared achievements and specifics of the preparation of Phase I implementation plan of the Kigali Amendment in their countries and discussed the activities of the RAC sector.

May 9, 2023, Webinar "Sustainable Management of ODS and HFC Banks through Additional Actions of the Multilateral Fund's Climate and Ozone Protection Alliance". The webinar presented the synergy between the support of new financing by the Multilateral Fund for activities related to banks of used or unwanted controlled substances. An updated standardized and validated methodology for creating a registry of ODS and HFC banks and an action plan to enhance harmonization among countries were presented during the webinar.

June 20, 2023, Online ECA meeting dedicated to the preparation of KIP (gender issues, energy efficiency, financing). The meeting focused on the preparation of the KIP and gender issues

in Montreal Protocol projects. Participants exchanged experiences on KIP preparation and the inclusion of gender aspects in Montreal Protocol projects.

July 3-7, 2023, Bangkok, Forty-Fifth Meeting of the Open-ended Working Group of the Parties to the Montreal Protocol on Substances, that Deplete the Ozone Layer. Participants discussed issues related to the institutional strengthening of the Montreal Protocol, including combating illegal trade. A report on the results of the four-year assessment of the ozone layer was presented. Additionally, issues of replenishing the Multilateral Fund for the period 2024-2026 and discussions on energy efficiency and low or zero GWP technologies were considered.

September 25-29, 2023, Amman, Jordan, Meeting of the Montreal Protocol Network for Europe and Central Asia (ECA) to exchange experiences, discuss strategies and approaches for preparing the Kigali Implementation Plan (KIP), as well as reduction targets for HFCs. The meeting focused on the necessary technical and policy support to ensure compliance with Montreal Protocol obligations by the country.

October 23-27, 2023, Nairobi, Kenya, 35th Meeting of the Parties to the Montreal Protocol (MOP 35). Energy-efficient and low-or zero-GWP technologies outcomes of the workshop on energy efficiency, Refrigerant life cycle management, Strengthening Montreal Protocol institutions, Compliance and data reporting issues, Status of ratification of the Kigali Amendment to the Montreal Protocol and other topics were discussed.

Published literature

1. Brochure "Current State of the Ozone Layer" - 100 copies. This brochure is a translation from English to Russian of the Scientific Assessment of Ozone Depletion: 2022 report by the Scientific Assessment Panel.
2. Information Bulletin "Protection from UV Radiation" - 200 copies
3. Brochure "The Montreal Protocol and Human Health" - 200 copies
4. Brochure "The Montreal Protocol and Sustainable Development Goals" - 200 copies in Russian language
5. Brochure "The Montreal Protocol and Sustainable Development Goals" - 200 copies in Kyrgyz language
6. Recommendations for the Implementation of State Control of the Import/Export of Hydrofluorocarbons, and their containing products for customs and law enforcement officials - 200 copies
7. Brochure "Kigali Amendment to the Montreal Protocol: Every Action Matters" - 100 copies
8. Brochure "Automobile Air Conditioners Guide" - 100 copies
9. Brochure "Safety Regulations for Refrigeration Systems Using R717 (Ammonia)" - 100 copies
10. Brochure "Modern Air Conditioners: Installation, Operation, and Repair" - 100 copies
11. Brochure "Automation of Refrigeration Systems and Air Conditioning Systems" - 100 copies
12. Brochure "Brief Guide on Handling Flammable Refrigerants" - 100 copies
13. Practical Guide for Certification of Refrigeration and Air Conditioning Technicians - 100 copies
14. Guide for Calculating the Energy Efficiency of Refrigeration Equipment and Air Conditioners - 100 copies
15. Poster "Basic Safety Rules for Technicians in the Installation, Repair, and Service of Refrigeration Systems" - 100 copies

16. Poster "Installation, Repair, and Maintenance of Refrigeration Equipment and Air Conditioning Systems" - 100 copies
17. Poster "Ammonia as a Refrigerant" - 100 copies

List of official letters for the reporting period

1. Letter to the State Customs Service on reporting on the import of HFC and natural refrigerants for 2022.
2. Letter to the National Statistical Committee of the Kyrgyz Republic on reporting on the import of HFCs and natural refrigerants for 2022.
3. Letters to the organizations Buudan LLC, Storozhenko PE, Ovsyannikova PE Promkholod LLC, KaribeYug LLC, CJSC Shoro, Samsung Service LLC, OJSC Rembytteknika, PE Podkopaev, Lotar LLC, Vinterlux LLC, Ntek LLC, PE Ovsyannikova, China Petrol Company Junda LLC, Grant Profit Group LLC, CJSC Arpa named after N. Urmanbetova, Riman Company LLC, Holod Trade LLC, Nissens LLC and Rempromkholod LLC about reporting on the import of HFCs and natural refrigerants and blowing agents in 2022.
4. Letter to the State Custom Service on the need for practical training on for custom officers at checkpoints in connection with the entry into force of Decision No. 30 of the Eurasian Economic Commission on regulation of HFCs.
5. To the head of the territorial division of the Accounts Chamber of the Kyrgyz Republic for Bishkek, Chui and Talas regions on the issue of determining the current status of the Ozone Center of Kyrgyzstan
6. State Enterprise Department of State Buildings under the Office of the President of the Kyrgyz Republic upon request of the need to conclude a separate agreement with the Department to cover utility and operating costs of offices
7. Department of International Cooperation of the Ministry of Natural Recourses, Ecology and Technical Control of the Kyrgyz Republic regarding the formation of the position of the Kyrgyz Republic at the upcoming Conference of the Parties to the Montreal Protocol
8. Draft response from the Ministry of Foreign Affairs of the Kyrgyz Republic to the UAE Embassy in Kazakhstan on the initiative of the Secretariat of the 28 Conference of the Parties to the UN Framework Convention on Climate Change (COP28) to present a draft Global Cooling Commitment.
9. Center for Standardization and Metrology under the Ministry of Economy and Commerce of the Kyrgyz Republic with proposals for the inclusion of new standards in the Interstate Standardization Program for 2024-2025

Monitoring of HFCs consumption

In 2023, letters were sent to organizations using ODS, HFCs and natural refrigerants to provide reports on refrigerants for the year 2022. Based on the survey results, a report on the consumption of ODS, HFCs, and natural refrigerants in Kyrgyzstan was compiled. The report on HFC consumption for 2022 was submitted to the Multilateral Fund.

Regular reporting on the management of ODS to the Secretariat of the Montreal Protocol, the Multilateral Fund of the Montreal Protocol, UNEP, UNDP

Data on ODS and HFCs consumption in 2022 were sent to the Multilateral Fund of the Montreal Protocol and UNEP Ozone Secretariat in March and July 2023. Reports on the activities of the Ozone Center were sent to the UNEP Division of Technology, Industry and Energy in February 2023. Financial reports were sent to UNDP in January 2023.

Conducting a campaign to raise public awareness

On 16-22nd of July 2023 the representatives of Ozone center conducted the information campaign, under logo of “Fixing the ozone layer and reducing climate change”, in children’s summer camps of Issyk-Kul oblast, it was dedicated the International Ozone Day. The main aim of the information campaign was to disseminate information about adverse effects of solar ultraviolet radiation, as well as to acquaint children with the methods of protection against harmful UV radiation. 2000 children participated in this campaign.

On September 19, 2023, an environmental campaign dedicated to September 16 the World Ozone Day took place at Secondary School No. 35 in Bishkek. The event focused on educating about the Montreal Protocol, the role of stratospheric ozone in protecting against harmful ultraviolet radiation, as well as the global issue of climate change and the Kigali Amendment to the Montreal Protocol. The 11th-year schoolchildren prepared presentations and posters on the topic "Protecting the Ozone Layer and Climate Change."

On September 20, 2023, a seminar dedicated to the World Ozone Day took place at the Kyrgyz State Technical University. The seminar was attended by faculty members and students from the Department of Food Engineering. The agenda of the seminar included topics such as ozone layer protection, the Montreal Protocol, the Kigali Amendment, and the issue of climate change. Participants were encouraged to choose energy-efficient refrigeration equipment working on natural refrigerants. Richard Cook, an international expert from the Multilateral Fund of the Montreal Protocol on Substances that Deplete the Ozone Layer, took part in this event.

On September 20, 2023, the Ozone Center of Kyrgyzstan (NOU) organized a seminar at Vocational Lyceum No. 93 in Bishkek. Representatives from NOU spoke about the Montreal Protocol, its history, and current achievements. They also explained about the ozone layer, its significance for human health, and the consequences of its depletion. Additionally, participants discussed the issue of climate change and the adoption of the Kigali Amendment and the regulation of HFCs. At the end of the seminar, two sets of refrigeration equipment were distributed to refrigeration technicians who successfully completed the refrigeration technology courses. Richard Cook, an international expert from the Multilateral Fund of the Montreal Protocol on Substances that Deplete the Ozone Layer, participated in this event.

On September 26, 2023, a seminar for teachers was held at the secondary school in the village of Budenovka, Issyk-Ata district. During the seminar, the speakers provided a detailed presentation on ozone layer protection and the Montreal Protocol on substances that deplete the ozone layer, the Kigali Amendment to the Montreal Protocol, and climate change, as well as the connection between the Montreal Protocol and the 17 Sustainable Development Goals (SDGs).

The teachers were extensively briefed on the role of sustainable consumption and behavioral patterns for the sustainable development of society. A total of 30 teachers participated in the seminar.

On September 28, 2023, a seminar for teachers was conducted at Gymnasium School No. 69 in the city of Bishkek. During the seminar, the teachers were provided with a detailed overview of the challenges related to the protection of the ozone layer and the climate change mitigation actions. The seminar also covered the Montreal Protocol, which regulates ODS (Ozone Depleting Substances), the Kigali Amendment to the Montreal Protocol, and the contribution of the amendment to climate change mitigation. The connection between the Montreal Protocol and the 17 Sustainable Development Goals (SDGs) was also highlighted. Teachers were provided with comprehensive information on the role of sustainable consumption and the principles of sustainable societal development. A total of 30 teachers participated in the seminar.

On October 3, 2023, the Ozone Center of Kyrgyzstan (NOU) organized a seminar at Secondary School No. 13 in the city of Kyzyl-Kiya, Batken oblast. Representatives from NOU spoke about the Montreal Protocol, the preservation of the ozone layer, the Kigali Amendment, the schedule for HFC phase down, the issue of climate change, and its consequences. The seminar also covered sustainable development, sustainable consumption, and behavioral patterns for sustainable development. Posters "World Ozone Day" and "Safety is on the first place" were distributed, along with brochures on "Protection from harmful UV radiation", "the Montreal Protocol and SDGs." The event was attended by 30 teachers.

On October 5, 2023, a seminar for teachers was held devoted to September 16 World Ozone Layer Protection Day at Secondary School No. 21 in Jalal-Abad city. The seminar extensively covered the protection of the ozone layer and the Montreal Protocol on substances that deplete the ozone layer, emphasizing the dangers of UV radiation and methods of protection against harmful UV rays. Detailed discussions were held on climate change and its consequences, as well as the Kigali Amendment to the Montreal Protocol. The challenges of sustainable development, sustainable consumption, and behavioral patterns for sustainable development were also discussed in detail. Participants were provided with posters on "Lines of Behavior for Sustainable Development" and "Safety in on the first place" in both Russian and Kyrgyz languages, as well as brochures "The Montreal Protocol and Human Health" and "Protection from harmful UV radiation." The seminar was attended by 27 teachers from the city of Jalal-Abad.

On October 6, 2023, in the city of Osh, the Ozone Center of Kyrgyzstan organized a seminar for students at the Osh Technological University. The seminar highlighted the following important topics: ozone layer protection, climate change issues, the Montreal Protocol, and the Kigali Amendment, as well as the concept of sustainable consumption of goods and services in sustainable way, including in Kyrgyzstan. Seminar participants were provided with informational materials such as posters on "Safety in on the first place," as well as brochures on "Protection from harmful UV rays." A total of 24 students and 3 lecturers attended the seminar.

On October 7, 2023, in Osh city, the Ozone Center of Kyrgyzstan organized a seminar for teachers of Osh at Zhetygen Secondary School. The main topics of the seminar included the protection of the ozone layer, climate change, and the Montreal Protocol on substances that deplete the ozone layer, sustainable consumption of goods and services in Kyrgyzstan, and behavioral patterns for sustainable development. Teachers were provided with posters on "Lines of Behavior

for Sustainable Development," "Safety is on the First Place", as well as brochures on "Protection from harmful UV radiation," "The Montreal Protocol and Human Health," and " the Montreal Protocol and SDGs ". A total of 28 teachers from schools in Osh participated in the seminar.

On November 24, 2023, a seminar for teachers from all regions took place in Bishkek. The seminar covered the following important topics: ozone layer protection, climate change issues, the Montreal Protocol and the Kigali Amendment, and national perspectives in the context of green economy and sustainable consumption and production and its integration in schools and universities. Participants were provided with informational materials such as brochures on "Protection from harmful UV radiation," " Current State of the Ozone Layer " and "The Montreal Protocol and Sustainable Development Goals." The seminar was attended by 38 teachers and representatives from universities and non-governmental organizations.

In 2023, there was conducted updating and replenishment with thematic information the following sites: www.climate.kg, www.ozonecenter.kg, www.ecoholod.com.kg. These websites are regularly updated as soon as new information appears.

All activities carried out within the framework of the project were covered in the main mass media of the republic:

- <http://ozonecenter.kg/>
- <http://www.climate.kg>
- <http://www.ecoholod.com.kg>
- <http://ekois.net/>
- <https://slovo.kg/>
- <http://www.akipress.kg>

Head of NOU



Mars Amanaliev