

## REPORT

### on activities dedicated to the World Ozone Day

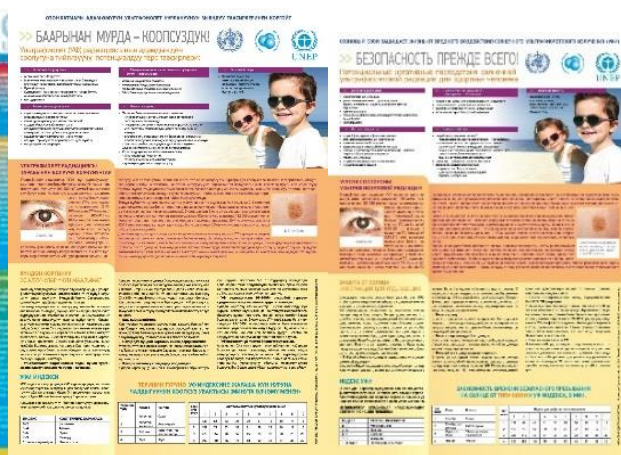
This year the Ozone Center of Kyrgyzstan (NOU) organized events to celebrate the World Ozone Day. Invited lecturers and specialists of NOU gave lectures on sustainable development, environmental protection, including climate and the ozone layer protection, and told how this knowledge could be integrated into the lessons for schoolchildren. The official motto of the events was "Global cooperation protecting life on earth ". The main goal of all activities was to disseminate information on ozone layer protection, climate change and the Kigali Amendment to the Montreal Protocol among schoolteachers, schoolchildren, university teachers and students, so they can contribute to the preservation of the ozone layer and climate change mitigation by disseminating information on phasing out of ozone-depleting substances and replacing high-GWP F-gases with natural refrigerants.

### 1. Literature

These materials were distributed to the participants of the events organized by the NOU, and helped to gain general knowledge about the Montreal Protocol, ozone-depleting substances and the sustainable development goals. United Nations Secretary-General António Guterres' message for the International Day for the Preservation of the Ozone Layer was printed and distributed among participants.

**1. Posters:** “Sustainable development goals and Montreal Protocol on Substances Depleting the Ozone Layer”, “Behavior lines for sustainable development” on Russian and Kyrgyz languages, “Safety is on the first place” on Russian and Kyrgyz languages, “World ozone Day”.





# ПОСЛАНИЕ ГЕНЕРАЛЬНОГО СЕКРЕТАРЯ ООН АНТОНИУ ГУТТЕРИША ПО СЛУЧАЮ МЕЖДУНАРОДНОГО ДНЯ ОХРАНЫ ОЗОнового СЛОЯ

Сегодня мы отмечаем 35-летие успеха Монреальского протокола в защите стратосферного озонового слоя от антропогенных разрушающих веществ, которые также вызывают потепление климата. Благодаря глобальному соглашению человечество предотвратило крупную катастрофу для здоровья из-за проникновения ультрафиолетового излучения через огромную дыру в озоновом слое.

Монреальский протокол удался, потому что, когда наука обнаружила угрозу, с которой мы все столкнулись, правительства и их партнеры начали действовать. Мы приняли глобальное экологическое соглашение, которое было повсеместно ратифицировано и решительно претворилось в жизнь.

Монреальский протокол является ярким примером многосторонности в действии. Учитывая множество проблем, стоящих перед миром — от конфликтов до роста бедности, углубления неравенства и чрезвычайной климатической ситуации — это малоизвестные о том, что мы можем добиться успеха, работая вместе на общее благо.

Монреальский протокол уже внес свой вклад в преодоление климатического кризиса. Защищая растения от ультрафиолетового излучения, позволил им жить и наращивать углерод, удалось избежать глобального потепления на 1°C. Работа Протокола по повальному отказу от разрушающих климат газов и повышению энергоэффективности посредством Киотской поправки может еще больше замедлить изменение климата.

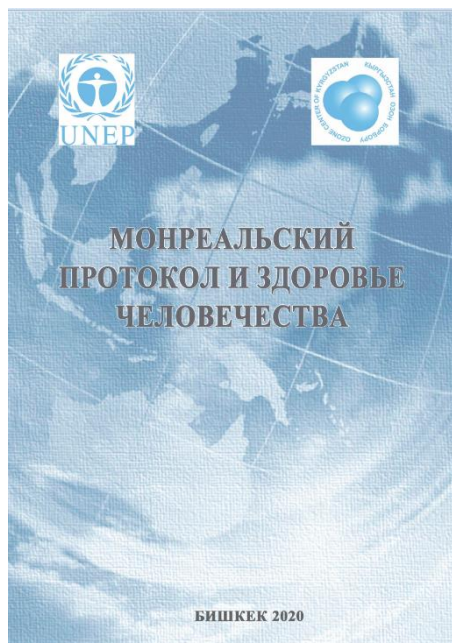
Но только отражая сотрудничество и быстрые действия Монреальского протокола в других местах, мы можем остановить нагнетание углекислым газом, которое опасно нагревает наш мир. У нас есть выбор: коллективные действия или коллективное самоуничтожение.

В этот Международный день давайте пообещаем подкрепить сотрудничеству, продемонстрировав Монреальским протоколом, чтобы положить конец климатическому кризису и всем нашим общим проблемам. И давайте продолжим поддерживать основную работу Монреальского протокола.

Антониу Гуттерриш

**2. Brochures:** “Current state of the ozone layer”, “Protection from harmful ultraviolet radiation” and “Montreal Protocol and human health”. These materials includes information on how UV radiation affects human health and protection rules at high UV levels, how the Montreal Protocol has reduced the consumption of ozone-depleting substances and the assessment of the state of the ozone layer over the past four years.





### 3. Activities dedicated for World Ozone Day 2022

**September 7, 2022** at the Republican Library for Children and Youth n.a. K.Bayalinov, Bishkek city, a seminar was held jointly with the Center for Civic and Digital Education at Central Election Committee. At the seminar, it was told about the problem of sustainable development in the world and Kyrgyzstan, global environmental problems and about the behavior lines for sustainable development. The participants were given posters “Behavior lines for sustainable development”. 21 representatives of Department of Housing and Utilities attended the seminar.





**On September 16, 2022**, a seminar for teachers from different schools was held in gymnasium No.69, Bishkek. During the seminar, lecturers spoke in detail about the protection of the ozone layer and the Montreal Protocol on Substances that Deplete the Ozone Layer, sustainable consumption of products containing ozone depleting substances, the Kigali Amendment and the issue of climate change. It was told about sustainable development, about world environmental problems and about the main lines of behavior for sustainable development and how these skills can be introduced into everyone's daily life. The participants were given the following materials: posters Sustainable development goals and Montreal Protocol on Substances Depleting the Ozone Layer”, “Behavior lines for sustainable development” on Russian and Kyrgyz languages, “Safety is on the first place” on Russian and Kyrgyz languages, “World ozone Day”, brochure "Current state of the ozone layer", and "Montreal Protocol and SDGs". A total of 31 teachers and 35 schoolchildren took part in the seminar. The schoolchildren also prepared a performance on the topic of the ozone layer preservation.













**On September 16, 2022** at the Kyrgyz State Technical University n.a. I.Razzakov a seminar dedicated to September 16 "International Day for the Preservation of the Ozone Layer" was held. The purpose of this seminar was to increase the awareness of teachers and students about the protection of the ozone layer, climate change, sustainable development and energy efficiency in refrigeration and heat pumps sectors. A report was presented on the topic "Model of a graduate in the field of Refrigeration, Cryogenic Engineering and Air Conditioning". 6 teachers and 24 students attended the seminar. Brochures "The Montreal Protocol and the SDGs", "Cold Chain Technology Brief: Vaccines", "Handling Hydrocarbon Refrigerants, Installation and Service" and Guide for Handling Flammable Refrigerants were distributed. The university organized a competition for the best work on the topic "Protection of the ozone layer", the students who submitted the best work were given prizes, they also presented their results at the seminar.



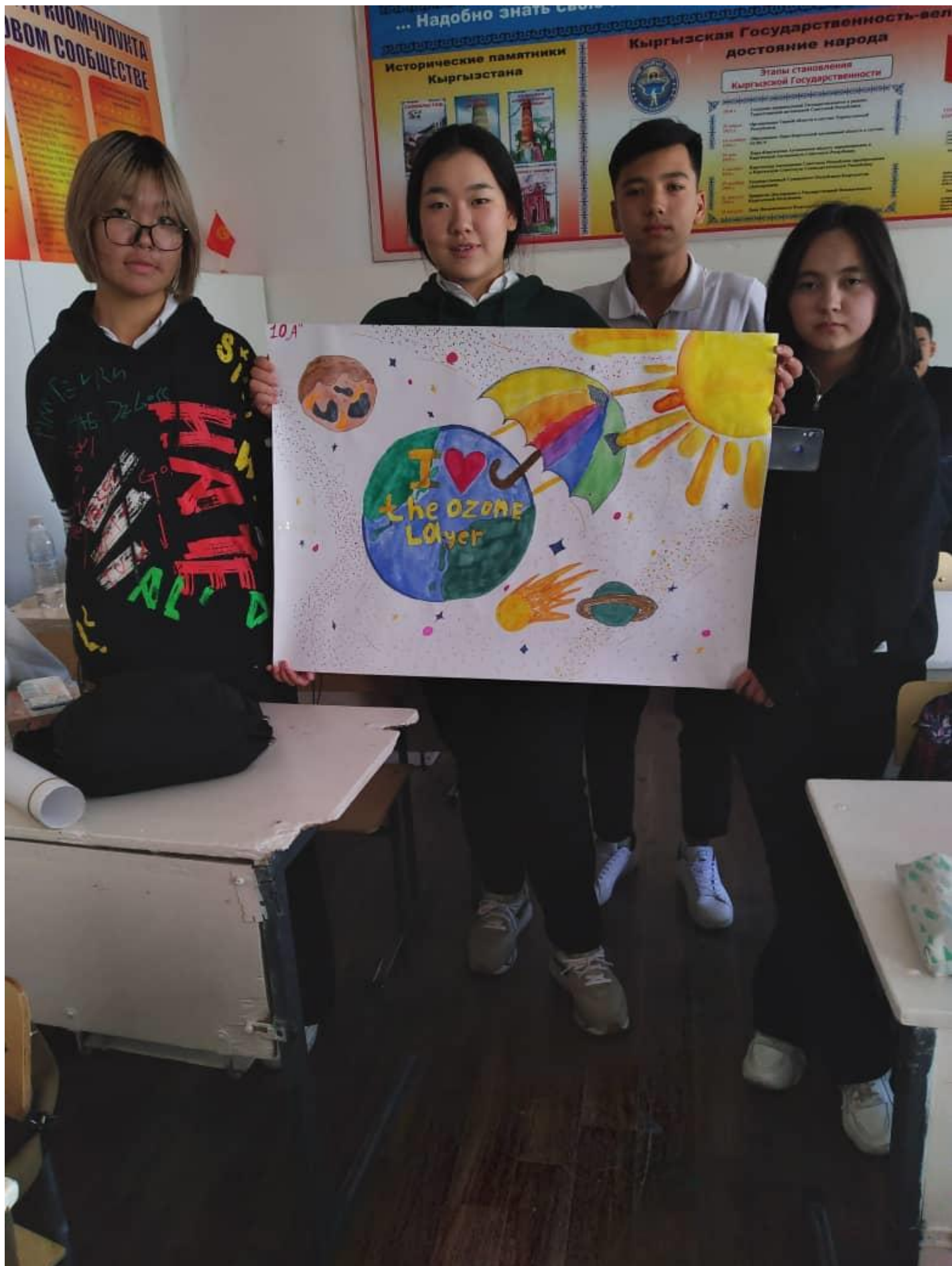






**On September 16, 2022**, the environmental action "Global cooperation to protect the ozone layer" was held at the Gymnasium-Educational Complex No.66 "School of Health and Development" in Bishkek. Participants learnt about the Montreal Protocol, the role of stratospheric ozone in protecting against harmful ultraviolet radiation. 11 year schoolchildren prepared reports and posters on the topic "Protection of the ozone layer and climate change". 7 teachers and more than 100 schoolchildren took part in this event.











**On September 20, 2022,** the NOU organized a seminar in a secondary school in the village of Budenovka, Issyk-Ata region, Chui oblast. Representatives of the NOU spoke about the Montreal Protocol, its history and the Kigali Amendment, the schedule of HFCs phase down and the issue of climate change and its consequences. It was told about sustainable development,

sustainable consumption and special behavior lines for sustainable development. Posters “Sustainable development goals and Montreal Protocol on Substances Depleting the Ozone Layer”, “Behavior lines for sustainable development” on Russian and Kyrgyz languages, “Safety is on the first place” on Russian and Kyrgyz languages, “World ozone Day” and brochures "The current state of the ozone layer" were distributed to participants. 29 teachers and 26 schoolchildren attended the seminar. 6-year schoolchildren showed a performance about World Ozone Day.











**On September 22, 2022,** the Ozone Center of Kyrgyzstan organized a seminar for teachers in the city of Osh at secondary school No. 22. The main topics of the seminar were protection of the ozone layer, climate change and the Montreal Protocol on Substances that Deplete the Ozone Layer, sustainable consumption of goods and problems of ecosystems in the world and in Kyrgyzstan, and behavior lines for sustainable development. Teachers were handed out posters “Sustainable development goals and Montreal Protocol on Substances Depleting the Ozone Layer”, “Behavior lines for sustainable development” on Russian and Kyrgyz languages, “Safety is on the first place” on Russian and Kyrgyz languages, “World ozone Day” and brochures “Current state of the ozone layer”, “Protection from harmful ultraviolet radiation” and “Montreal Protocol and human health”. 39 teachers from schools of Osh city attended the seminar.











**On September 23, 2022,** a seminar for schoolteachers was held in Jalal-Abad city dedicated to World Ozone Day. At the seminar, it was told in detail about the protection of the ozone layer and the Montreal Protocol on Substances that Deplete the Ozone Layer, it was told about the dangers of UV radiation, ways of protection against harmful UV radiation. Deep information were given about climate change and its impacts and the Kigali Amendment to the Montreal Protocol. It was also told about the problems of sustainable development and sustainable consumption. The participants were given posters “Behavior lines for sustainable development” on Russian and Kyrgyz languages, “Safety is on the first place” on Russian and Kyrgyz languages, “World ozone Day” and brochures “Current state of the ozone layer” and “Montreal Protocol and human health”. 28 teachers from schools of Jalal-Abad city attended the seminar.







## **Conclusions**

The activities dedicated to the World Ozone Day were held positively, the participants received important information about sustainable development and consumption, the Kigali Amendment to the Montreal Protocol and the importance of protecting the climate and the ozone layer. Handouts provided basic and scientific knowledge about the ozone layer and sustainable development. In total, 135 schoolteachers, 160 schoolchildren, 6 university teachers, 24 students and 21 representatives of Department of Housing and Utilities took part in these activities.

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**Kamilia Mukhanova**