



# Climate Action

## SDG 13

### Report on SDG 13

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## Introduction

Baku Slavic University (BSU) acknowledges the critical role of environmental education and climate literacy in addressing the escalating challenges of global climate change. In alignment with national sustainability objectives and the growing urgency for institutional climate action, BSU established in March 2023 a dedicated student volunteer group committed to promoting environmental sustainability and proactive climate engagement.

Throughout the year, this initiative has facilitated a wide range of awareness-raising activities, environmental projects and the adoption of sustainable practices both on campus and within the wider regional context. These student-led efforts are instrumental in cultivating a university-wide culture of ecological responsibility and contribute meaningfully to national and regional strategies aimed at combating climate change and advancing a green, sustainable future.



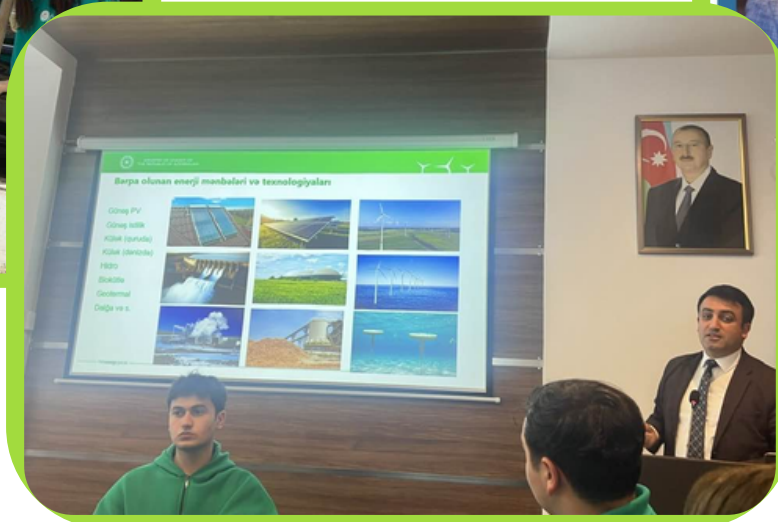


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Baku Slavic University (BSU) actively supports environmental education through a range of initiatives that foster climate awareness and promote sustainability across academic and public spheres. In alignment with the national declaration of the “Year of Solidarity for a Green World” and in anticipation of COP29, BSU organized a tree-planting campaign together with student volunteers and staff members, conducted a series of sessions on green energy as part of the “Energy Talks” project.

BSU organized an inter-university competition for journalism students. This initiative, part of the university’s broader Action Plan, encouraged aspiring journalists to investigate and report on pressing environmental issues, thereby fostering a new generation of climate-conscious communicators.

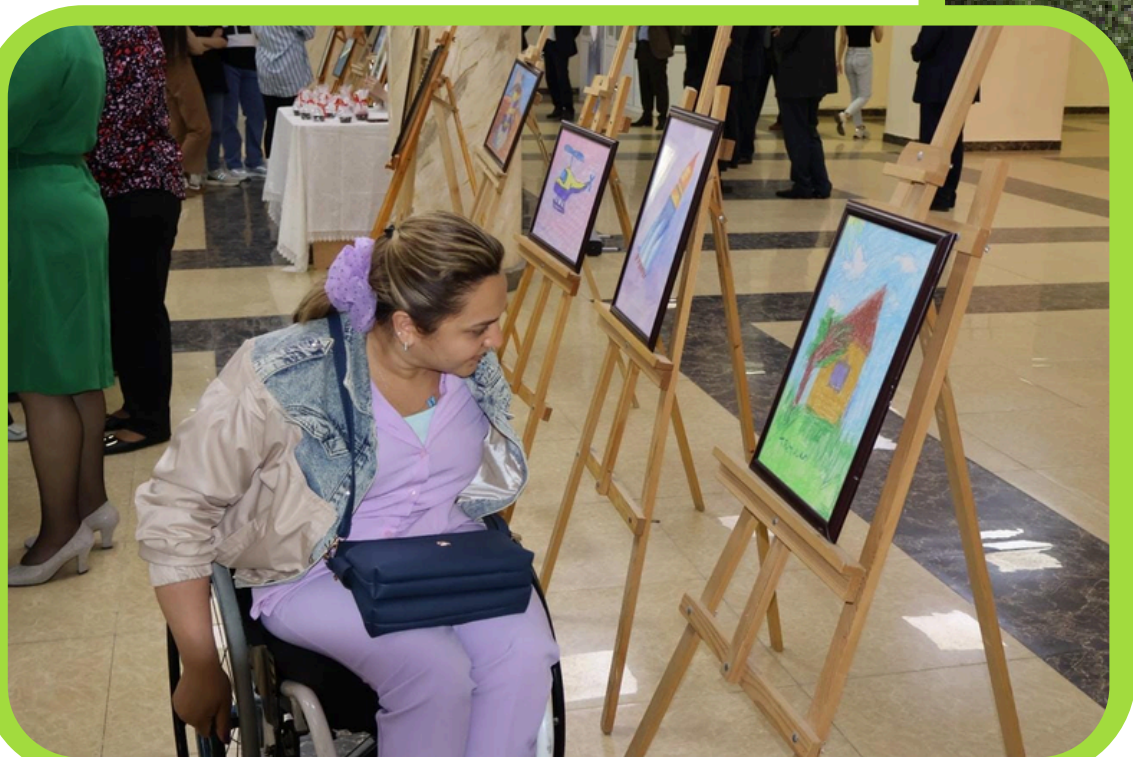




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Complementing these efforts, BSU hosted a series of inclusive photo exhibitions centered around the theme “Green World,” showcasing student artworks—including contributions from students with disabilities—as a means of expressing diverse perspectives on ecological sustainability. To further expand public access to environmental knowledge, faculty members from the Department of Eastern European Languages translated selected educational materials on the theme “Solidarity for a Green World” into Slavic languages.





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In addition, the university organized numerous academic and community engagement events throughout the year, including workshops, seminars, roundtable discussions, and guest lectures delivered by notable public figures. These events were not limited to the central campus but extended to the BSU School-Lyceum Complex and regional partner institutions such as Lankaran State University, reflecting BSU's commitment to broadening the reach of climate education and sustainability dialogue. In addition, the elective course "Climate Change and Global Security" is offered.





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## Climate Awareness and Environmental Education

Throughout the year, Baku Slavic University (BSU) has organized a wide range of activities focused on climate action, environmental awareness, and sustainable development. Several thematic seminars held on the BSU campus included the following topics:

- Eco-Inclusion
- A Green University for a Sustainable World
- An Analysis of the Concept of Nature in Literature
- Toward a Green World
- World Solidarity for Green Values and Goals
- Transition to Green Education: New Challenges and Perspectives;
- Going Green Initiative: Green Day at the BSU School-Lyceum Complex
- Priority Areas of Environmental Policy for a Green World





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# Climate Awareness and Environmental Education



- Professional Demands and Sustainable Development: The Context of Teacher Education
- The Role of Social Sciences in Ensuring Sustainable Development
- COP29: Azerbaijan's Growing Role in International Climate Cooperation
- Support Mechanisms for Climate Protection in Azerbaijan's Soft Diplomacy
- Environmental Protection and Sustainable Development
- Climate Change and Global Security
- Transition to green energy.





## Academic Contributions to Climate Action

As part of its strategic commitment to advancing climate action and promoting environmental sustainability, Baku Slavic University (BSU) organized a series of high-level academic conferences throughout the year. These events were designed to address pressing global challenges related to climate change, sustainable development, education, and environmental protection. Serving as platforms for interdisciplinary exchange, the conferences fostered dialogue among scholars, students, and practitioners, contributing meaningfully to the national and international climate discourse.

### The key climate-relevant conferences hosted by BSU in 2024 include:

- "COP29: Azerbaijan's Expanding Role in International Climate Cooperation"  
Section of the Conference: "Current Issues in Azerbaijani Studies: Research, Scientific Discourse, and Internationalization" (May, 2024);
- Sustainable Development Goals: from the Perspective of Education, Inclusion and Green Economy Conference (September, 2024);
- The Green World in Social Sciences and Humanities: Building Sustainable Societies Conference (October, 2024);
- Teaching German Studies and the Greening of Our Planet" Conference (November, 2024).





## Greenhouse Gas (GHG) Emissions Monitoring and Reporting

Baku Slavic University (BSU) acknowledges the critical and immediate global imperative to combat climate change and affirms its institutional commitment to the United Nations Sustainable Development Goal 13 (SDG 13: Climate Action). In pursuit of this goal, BSU has developed a comprehensive strategic framework encompassing sustainability-focused education, proactive climate awareness initiatives, systematic monitoring and management of greenhouse gas (GHG) emissions, and a clearly defined roadmap toward achieving Net-Zero emissions by the year 2030. This integrated policy reflects the university's dedication to aligning its operations, academic mission, and community engagement with global climate objectives.

### Greenhouse Gas (GHG) Emissions Monitoring

BSU is aligning its climate reporting practices with the Greenhouse Gas Protocol – the international standard for carbon accounting. The university is currently tracking its emissions across the following categories:

#### Scope 1 Emissions (Direct Emissions)

- Campus-owned transportation (e.g., university vehicles)
- On-site fossil fuel combustion (e.g., heating systems, backup generators)

#### Scope 2 Emissions (Indirect Emissions from Purchased Energy)

- Electricity consumption for lighting, heating, and cooling
- Imported district heating or chilled water

Base Year for Measurement: 2020



## GHG Emissions Profile of Baku Slavic University (2024)

The following summary outlines emissions data for the year 2024, categorized by Scope 1, Scope 2, and Scope 3 emissions.

### Scope 1: Direct Emissions (Controlled by BSU)

These emissions originate from sources that are directly owned or operated by the university.

#### Stationary Combustion:

Emissions resulting from the combustion of methane in the university's on-campus boiler house, primarily for space heating.

➤ 2024 emissions: 284,999 kg CO<sub>2</sub>

#### Mobile Combustion:

Emissions from BSU-owned vehicles and transportation assets.

➤ 2024 emissions: 77,889 kg CO<sub>2</sub>

### Scope 2: Indirect Emissions from Purchased Energy

These emissions arise from the generation of electricity and heating that is purchased and consumed by BSU.

#### Electricity Consumption:

Emissions associated with electricity used for lighting, heating, cooling, and other operational needs.

➤ 2024 emissions: 207,112 kg CO<sub>2</sub>

Total Scope 1 + 2 = 570,000 kg = 570 tCO<sub>2</sub>e



## GHG Emissions Profile of Baku Slavic University (2024)

### Scope 3: Other Indirect Emissions (Value Chain-Related)

These emissions result from activities that occur outside the university's direct operational control but are linked to its broader value chain.

#### Employee Commuting:

➤ 2024 emissions: 34,520 kg CO<sub>2</sub>

#### Purchased Goods and Services:

➤ 2024 emissions: 19,210 kg CO<sub>2</sub>

#### Waste Generation:

Emissions from the decomposition of organic waste in landfills, emphasizing the role of waste management in sustainability efforts.

➤ 2024 emissions: 16,500 kg CO<sub>2</sub>

#### Business Travel:

➤ 2024 emissions: 18,770 kg CO<sub>2</sub>



### GHG Reduction Targets by 2030

BSU aims to reduce Scope 1 and Scope 2 carbon emissions by at least 85% by the year 2030 through the following strategies:

- Transition to renewable energy sources (solar panels, green electricity contracts)
- Energy efficiency upgrades in campus buildings (LED retrofitting, insulation improvements)
- Phasing out fossil fuel-based equipment and transport
- Installation of energy-efficient heating and cooling systems



## Net-Zero Emissions Strategy

By 2030, Baku Slavic University (BSU) is committed to achieving Net-Zero greenhouse gas (GHG) emissions through an integrated approach that combines both reduction and compensation strategies. The key components of this strategy include:

- o Emission Reduction Measures (as outlined above)
- o Carbon Sequestration Initiatives:
  - o Tree planting campaigns
  - o Expansion of campus green areas
- o Carbon Offsetting Mechanisms:
  - o Support for verified carbon credit programs
  - o Participation in national and international climate projects
- o Sustainability Education & Community Engagement:
  - o Embedding climate literacy into curricula
  - o Empowering students and faculty to lead sustainability initiatives





## Conclusion

Baku Slavic University (BSU) reaffirms its unwavering commitment to environmental sustainability and proactive climate action. By implementing climate-responsible initiatives, advancing sustainable operational practices, and fostering environmental awareness throughout the institution, BSU strives to play a meaningful role in addressing the global climate crisis.

As a center of learning and research, the university embraces its responsibility to cultivate ecological consciousness, empower future generations, and contribute to the transition toward a greener and more equitable future. BSU remains steadfast in its dedication to supporting a sustainable, resilient, and just world—both for today's society and for generations to come.

