

UI GreenMetric Questionnaire

University : Baku State University
Country : Azerbaijan
Web Address : [:https://bdu.info.az/en](https://bdu.info.az/en)
SDG Focused Web Address: <https://sdg.bsu.edu.az/>

[5] Transportation (TR)

[5.15] Number of Transportation Initiatives to Decrease Private Vehicles on Campus (TR.7)



Centralized university bus system supporting shared transportation



Bicycle and micromobility infrastructure at the main entrance of BSU



Repurposed parking areas transformed into student social space

Description:

Baku State University has implemented multiple transportation initiatives to reduce the use of private vehicles on campus. These include limiting parking areas, developing bicycle and micromobility infrastructure, promoting shared transportation through a centralized bus system, and organizing awareness programs on sustainable mobility.

These initiatives contribute to reducing traffic congestion, lowering carbon emissions, and encouraging environmentally friendly transportation alternatives.



Baku State University (BSU) has implemented a comprehensive set of initiatives aimed at reducing the use of private vehicles on campus. The university has introduced **more than three structured initiatives**, and these measures are now fully integrated into institutional sustainability and transport management policies. As a result, the initiative framework is considered ongoing and embedded within normal campus operations rather than treated as a standalone temporary project.

Key Initiatives Implemented

- 1. Parking Restriction and Space Reduction Policy:** BSU has introduced controlled parking access, parking caps, and progressive reduction of parking areas, including the repurposing of parking spaces into green and social areas (e.g., “Student Space”).
 - 2. Sustainable Mobility Infrastructure Development:** The university has developed bicycle and micromobility infrastructure, including cycling lanes, bicycle parking facilities, and support for electric scooters at key campus access points.
 - 3. Centralized Shared Transport System:** BSU operates a centralized bus fleet of approximately **50 buses**, supporting academic activities, internships, and official university events, significantly reducing reliance on private vehicles.
 - 4. Awareness and Behavioral Change Programs:** The university conducts regular awareness campaigns, seminars, and stakeholder engagement activities to promote sustainable commuting and discourage private car use.
 - 5. Informal and Institutional Ride-Sharing Promotion:** Staff and students are encouraged to coordinate travel and use shared commuting options, especially for university-related travel and events.
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The university has successfully implemented multiple complementary initiatives that collectively reduce private vehicle dependency on campus. These measures are embedded in long-term sustainability planning and continue to support reduced traffic congestion, improved land use efficiency, and lower carbon emissions.



No. Initiative	Description	Implementation Status	Impact
1 Parking Restriction and Reduction Policy	Introduction of controlled parking access, parking caps, and progressive reduction of parking areas, including conversion of parking spaces into green/social areas	Implemented and ongoing	Reduced availability of private vehicle parking; improved land-use efficiency
2 Sustainable Mobility Infrastructure	Development of bicycle and micromobility lanes, bicycle parking facilities, and support for electric scooters at key campus access points	Implemented and expanding	Increased use of alternative transport modes
3 Centralized Shared Transport System	Operation of a university bus fleet (~50 buses) supporting academic, internship, and official transport needs	Fully operational	Significant reduction in private car dependency
4 Awareness and Behavioral Change Programs	Seminars, campaigns, and engagement activities promoting sustainable commuting practices	Continuous	Improved awareness and behavioral shift toward sustainable transport
5 Ride-Sharing and Shared Mobility Promotion	Encouragement of informal carpooling and shared commuting among students and staff	Ongoing	Reduced number of individual vehicle trips



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Before



After





Additional evidence link (i.e., for videos, more images, or other files that are not included in this file):

BSU organized field training programs for students of the Faculties of Geography, Ecology, and Soil Science at the University's Quba Education and Recreation Center. The program involved collective transportation by bus, supporting more organized and resource-efficient student mobility during academic field activities. The initiative also promoted environmental education and international academic exchange through the participation of an environmental chemistry expert from Ain Shams University.

For more details please see:

- <http://sdg.bsu.edu.az/news/field-training-at-bsus-guba-education-and-recreation-center-has-begun>

Students from the Faculty of Biology at Baku State University visited the Shamakhi section of Shahdag National Park as part of environmental education activities under the "Year of Solidarity for the Green World." The visit provided students with practical exposure to biodiversity, protected ecosystems, and environmental conservation practices. The organized educational trip supports sustainable student mobility and field-based environmental learning through coordinated group travel to ecological sites.

For more details please see:

- <https://sdg.bsu.edu.az/news/bsu-students-visit-shahdag-national-park>

At BSU, the Azerbaijan Land Transport Agency (AYNA) organized a seminar on sustainable urban mobility and the role of micromobility in modern cities. The event highlighted ongoing efforts in Baku to expand micromobility infrastructure, including dedicated lanes for bicycles and small electric vehicles, with the aim of reducing traffic congestion, improving environmental conditions, and promoting safer and more sustainable transport alternatives. The seminar also increased student awareness of sustainable mobility practices and future urban transport planning.

For more details please see:

- http://bsu.edu.az/az/news/ayna_bduda_mikromobilliyin_hmiyytin_dair_seminar_kei_rib

BSU, in cooperation with the Azerbaijan Trade Unions Confederation (AHİK), inaugurated a new "Student Space" designed in line with green technology and sustainable campus principles. The area features solar-powered lighting and provides an inclusive social environment that encourages student interaction, academic networking, and shared campus activities. By creating accessible on-campus facilities for students from different universities, the initiative also supports more centralized and efficient student mobility within the urban academic environment.

For more details please see:

- <http://sdg.bsu.edu.az/news/opening-of-the-student-space-at-bsu>

A new "Student Space" was opened at BSU to provide students with a comfortable and sustainable environment for social interaction and leisure activities. Designed with green



technology principles, the area includes solar-powered lighting and supports a more accessible and student-friendly campus environment.

For more details please see:

- <https://www.youtube.com/watch?v=yN5INd6yo6A>

BSU launched field training programs for students of the Faculties of Geography, Ecology and Soil Science, Biology, and History in various regions of Azerbaijan, including Quba, Shamakhi, Gabala, and Lankaran. The initiative promoted organized academic mobility and practical environmental education through coordinated field visits to natural, historical, and research sites, supporting efficient group transportation and experiential learning activities outside the campus environment.

For more details please see:

- <http://sdg.bsu.edu.az/news/field-training-programs-commence-at-bsu>

BSU, in partnership with KOBIA, inaugurated an EcoEnergy Station on campus to support sustainable and low-emission mobility. The station uses solar and wind energy to provide environmentally friendly charging for electric vehicles, contributing to carbon emission reduction and the promotion of renewable-energy-based transport solutions. The initiative also supports awareness and practical application of green technologies within the university environment.

For more details please see:

- <http://sdg.bsu.edu.az/news/bsu-and-kobia-open-ecoenergy-station-on-campus>

Within the framework of cooperation between BSU and KOBIA, an EcoEnergy Station was established on the university campus to support environmentally friendly mobility solutions. The project aims to reduce carbon emissions through the use of renewable energy sources, including solar and wind energy, while encouraging the development of sustainable and low-emission transport infrastructure.

For more details please see:

- <https://www.youtube.com/watch?v=Oz3j8mRqjE>

BSU organized a scientific seminar on climate change and the prospects of the UN Framework Convention on Climate Change in Azerbaijan. The event highlighted the importance of reducing carbon emissions, supporting renewable energy initiatives, and promoting green economy principles. Discussions during the seminar also emphasized environmental sustainability, climate awareness, and the role of academic institutions in encouraging low-carbon and environmentally responsible practices.

For more details please see:

- <http://sdg.bsu.edu.az/news/scientific-seminar-at-bsu-on-climate-change>

BSU organized an internship program for History Faculty students at several historical and archaeological sites across Azerbaijan, including Gobustan, Guba, Shamakhi, and Gabala. The initiative supported coordinated academic mobility and practical field-based learning through organized group visits to cultural heritage and research centers.



For more details please see:

- <http://sdg.bsu.edu.az/news/history-faculty-students-complete-internship-program>

BSU's SDG-related activities in transport focus on promoting sustainable urban mobility, low-carbon transport, and micromobility development. The university supports bicycle and electric scooter infrastructure, organizes awareness seminars on reducing traffic congestion, and encourages environmentally friendly transport choices.

Key initiatives such as the EcoEnergy Station for electric vehicle charging, climate action programs, and organized field trips with group transport contribute to reducing carbon emissions and improving mobility efficiency. Overall, BSU integrates sustainability into campus and academic mobility practices in line with green transport principles.

For more details please see:

- <http://sdg.bsu.edu.az/allnews>

Baku State University's policy framework integrates sustainability principles and SDGs into its governance, covering environmental protection, social responsibility, and ethical management. The university promotes a structured approach to sustainability through institutional policies and campus-wide initiatives.

GreenMetric Transport relevance:
BSU policies support sustainable mobility through:
Promotion of green and low-emission transport solutions;
Development of campus accessibility and reduced reliance on private cars;
Encouragement of micromobility options such as bicycles and electric vehicles;
Integration of sustainability principles into campus planning and mobility systems.

For more details please see:

- <http://sdg.bsu.edu.az/university-policies>

Baku State University (BSU) supports sustainable transport development through its broader SDG and sustainability framework, contributing to reduced carbon emissions and improved urban mobility. The university promotes eco-friendly mobility solutions, including the development of micromobility infrastructure, bicycle use, and low-emission transport awareness within campus activities.

BSU integrates sustainability principles into campus planning and infrastructure projects, such as renewable-energy-based facilities and initiatives that reduce dependence on private cars. Projects like the EcoEnergy Station also support electric vehicle charging using clean energy sources, reinforcing the transition toward low-carbon transport systems.

Through seminars, partnerships, and awareness programs with national agencies, BSU actively promotes sustainable urban mobility concepts, including traffic reduction, green transport alternatives, and environmental benefits of micromobility.

For more details please see:

- <http://sdg.bsu.edu.az/bsu%60s-commitment-to-sdgs>

Baku State University (BSU) hosted an "Urban Talks" session dedicated to modern urban mobility, focusing on transport accessibility, public transport challenges, traffic congestion, and inclusive city planning.



The event promoted awareness of sustainable transportation, people-centered urban mobility, and the use of digital technologies and smart solutions for improving accessibility and mobility management in cities.

For more details please see:

- <https://sdg.bsu.edu.az/news/students-of-bsu-were-informed-about-mobility-in-modern-cities>

Baku State University (BSU) actively contributes to sustainable development through policy implementation, education, and multi-sector collaboration at national and international levels.

The university works with government bodies, UN agencies (UNDP, FAO), and NGOs to implement SDG-related projects, particularly in climate change, water resources, disaster risk reduction, and social development. BSU also participates in international programs such as the Youth Ambassadors initiative and global conferences, promoting SDG awareness through training and outreach activities.

Sustainability is integrated into academic programs, including subjects such as gender studies, green and blue economy, food security, and urban planning. Since 2019-2020, BSU has also offered a bachelor's program in Sustainable Development Management.

In addition, BSU implements institutional policies on sustainability, ethics, inclusion, climate action, and responsible governance, strengthening its internal commitment to SDGs.

For more details please see:

- <http://sdg.bsu.edu.az/>

Baku State University (BSU) organized a meeting within the "Urban Talks" project focused on sustainable urban tourism models and their integration into Azerbaijan's small historical cities.

The discussion highlighted sustainable urban development principles, including environmentally sensitive tourism, transport system optimization, green space expansion, smart city technologies, and support for local communities and businesses.

For more details please see:

- <https://sdg.bsu.edu.az/news/urban-talks-project-meeting-on-sustainable-urban-tourism-held-at-bsu>

Baku State University (BSU) has developed a comprehensive Climate Action Plan aiming to achieve carbon neutrality by 2030. The plan focuses on reducing greenhouse gas (GHG) emissions and aligning university operations with global climate goals, particularly SDG 13 (Climate Action).

Key measures include improving energy efficiency in campus buildings, upgrading heating, cooling, and lighting systems, and increasing the use of renewable energy sources. BSU also promotes sustainable procurement, waste reduction through the 3R principle (Reduce, Reuse, Recycle), and awareness-raising among staff and students.

The university targets reductions in Scope 1 and Scope 2 emissions and strengthens monitoring through annual sustainability reporting. Additional efforts include carbon offset initiatives, energy audits, and collaboration with international sustainability networks.

For more details please see:

- <http://sdg.bsu.edu.az/climate-action-plan-action>



Baku State University (BSU) is strongly committed to climate action through a comprehensive strategy focused on reducing greenhouse gas emissions and aligning with global climate goals. The university sets measurable targets, monitors progress transparently, and promotes continuous improvement in environmental performance.

Climate change education is a key priority, with SDG-related topics integrated across academic programs and disciplines such as climate science, policy, law, economics, and environmental studies. BSU offers ECTS-accredited courses and specialized programs, including Ecology and master's-level studies in climate change adaptation.

The university is actively involved in international projects (e.g., Erasmus+ initiatives) and cooperates with national bodies such as the Ministry of Ecology and Natural Resources. Research activities focus on practical solutions including flood protection, early warning systems, and disaster risk reduction.

For more details please see:

- <http://sdg.bsu.edu.az/report-on-sdg-13-climate-action>

Baku State University (BSU) contributes to SDG 17 by strengthening national and international partnerships in research, innovation, and higher education. In line with Azerbaijan's national development strategies, BSU supports the development of research universities and innovation-driven growth.

The university has established a Center of Excellence for Research, Development, and Innovation, equipped with advanced laboratories and scientific infrastructure. This center promotes interdisciplinary research, supports commercialization of scientific results, and enhances collaboration between academia and industry.

BSU also provides shared access to research facilities for other universities and institutions, fostering a cooperative scientific environment. It actively supports postgraduate training, including master's and PhD research, within advanced laboratory settings.

For more details please see:

- <http://sdg.bsu.edu.az/report-on-sdg-17-partnership-for-the-goals>



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1. <http://sdg.bsu.edu.az/news/bsu-and-kobia-open-ecoenergy-station-on-campus>



2. <https://www.youtube.com/watch?v=Oz3j8mRqjjE>
3. <http://sdg.bsu.edu.az/news/bsu-and-kobia-open-ecoenergy-station-on-campus>
4. <https://www.youtube.com/watch?v=Oz3j8mRqjjE>
5. <http://sdg.bsu.edu.az/news/scientific-seminar-at-bsu-on-climate-change>
6. <http://sdg.bsu.edu.az/news/scientific-seminar-at-bsu-carbon-credit-market-and-potential-opportunities>
7. <http://sdg.bsu.edu.az/news/dedicated-lanes-for-bicycles-and-small-electric-vehicles-at-the-main-entrance-of-bsu>
8. <http://sdg.bsu.edu.az/news/bsu-presents-results-of-active-biomonitoring-of-atmospheric-air-in-baku-and-absheron>
9. <http://sdg.bsu.edu.az/news/field-training-at-bsus-guba-education-and-recreation-center-has-begun>
10. <http://sdg.bsu.edu.az/news/bsu-faculty-of-ecology-and-soil-science-students-conduct-field-training-in-shamakhi-and-gobustan>
11. <http://sdg.bsu.edu.az/news/field-training-programs-commence-at-bsu>
12. <http://sdg.bsu.edu.az/news/history-faculty-students-complete-internship-program>
13. <http://sdg.bsu.edu.az/news/bsu-biology-faculty-students-participate-in-field-practice-in-lankaran,-guba,-and-shamakhi>
14. <http://sdg.bsu.edu.az/allnews>
15. <http://sdg.bsu.edu.az/university-policies>
16. <http://sdg.bsu.edu.az/bsu%60s-commitment-to-sdgs>
17. <http://sdg.bsu.edu.az/>
18. <http://sdg.bsu.edu.az/climate-action-plan-action>
19. <http://sdg.bsu.edu.az/report-on-sdg-13-climate-action>
20. <http://sdg.bsu.edu.az/report-on-sdg-17-partnership-for-the-goals>