




### UI GreenMetric Questionnaire

University : Baku State University  
Country : Azerbaijan  
Web Address : <http://bsu.edu.az/en>  
SDG Focused Web Address: <https://sdg.bsu.edu.az/>

#### [1] Setting and Infrastructure (SI)

#### [1.19] Impact of Setting and Infrastructure programs in supporting the Sustainable Development Goals (SDGs)

	
<p>Student Development Center</p>	<p>EcoEnergy charging station</p>
	
<p>Student Space</p>	<p>Ecospace</p>



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### **Description:**

Baku State University's setting and infrastructure development programs demonstrate a very high level of contribution to the United Nations Sustainable Development Goals (SDGs), directly or indirectly supporting 14 to 17 SDGs through integrated institutional policies, campus operations, research activities, and community engagement.

The university's infrastructure planning and development are strongly aligned with sustainability principles, including energy efficiency, environmental protection, inclusive access, health and safety systems, and climate-conscious campus management. These efforts contribute significantly to SDG 3 (Good Health and Well-being), SDG 4 (Quality Education), SDG 6 (Clean Water and Sanitation), SDG 7 (Affordable and Clean Energy), SDG 9 (Industry, Innovation and Infrastructure), SDG 11 (Sustainable Cities and Communities), SDG 12 (Responsible Consumption and Production), SDG 13 (Climate Action), SDG 15 (Life on Land), and related goals.

In addition, the university promotes inclusive infrastructure and equitable access, supporting SDG 5 (Gender Equality) and SDG 10 (Reduced Inequalities), while its governance, partnerships, and international collaboration activities strengthen contributions to SDG 16 (Peace, Justice and Strong Institutions) and SDG 17 (Partnerships for the Goals).

Through continuous investment in sustainable campus infrastructure, environmental stewardship programs, digital transformation, and stakeholder engagement, Baku State University ensures that its physical and organizational environment serves as a catalyst for achieving a broad spectrum of the SDGs, reflecting a very high and system-wide institutional impact.

### **SDG 1: No Poverty**

Baku State University (BSU) actively contributes to poverty reduction through inclusive education policies and infrastructure development that enhance equal access to academic opportunities. In 2025, BSU continued to provide scholarships, financial aid programs, and student support initiatives designed to reduce financial barriers for students from disadvantaged backgrounds. The university's campus infrastructure enables students to access modern laboratories, research facilities, and training environments that strengthen their professional competencies and increase employability.

Furthermore, the implementation of the SDG Student Ambassador Program in 2025 strengthened student engagement in social responsibility initiatives, enabling participants to promote community outreach and social inclusion activities. These programs empower students with leadership skills and practical knowledge that support upward social mobility and long-term economic resilience.

**Report on SDG 1:** <https://sdg.bsu.edu.az/report-on-sdg-1-no-poverty>

### **SDG 2: Zero Hunger**

BSU expanded its role in promoting food security and sustainable agriculture through multidisciplinary research and innovation initiatives in 2025. The university integrated fields such as ecology, biotechnology, environmental management, and artificial intelligence to strengthen climate-smart agriculture and sustainable food systems. Research projects focused on soil fertility management, genetic diversity preservation, and water resource optimization to ensure sustainable food production.

A significant development in 2025 was the expansion of sustainable food research facilities, including the Eco Space innovation hub, which features aquaponics systems combining fish farming and hydroponic plant cultivation. This circular system minimizes water consumption and eliminates chemical waste, serving as a model for sustainable food production and education.

**Report on SDG 2:** <https://sdg.bsu.edu.az/report-on-sdg-2-zero-hunger>



### **SDG 3: Good Health and Well-being**

BSU promotes health and well-being through campus infrastructure that supports physical activity, mental health, and environmental quality. Green areas, sports facilities, and improved sanitation systems enhance the overall well-being of students and staff.

In 2025, sustainability awareness campaigns and educational activities were conducted to encourage environmentally responsible behaviors, which indirectly contribute to healthier living environments. Additionally, improved campus environmental conditions—such as better waste management and reduced emissions—support both physical health and psychological well-being across the university community.

**Report on SDG 3:** <https://sdg.bsu.edu.az/report-on-sdg-3-good-health-and-well-being>

### **SDG 4: Quality Education**

BSU significantly strengthened quality education initiatives in 2025 by integrating Sustainable Development Goals into teaching and research processes. A series of specialized trainings were conducted to equip academic staff and students with methodologies for incorporating sustainability principles into curricula and research projects.

The university also hosted international academic events, including the SFIDEES-2025 International Conference, which focused on sustainable development in earth sciences and ecology. Such events enhance interdisciplinary collaboration, promote knowledge exchange, and improve the overall quality of higher education.

**Report on SDG 4:** <https://sdg.bsu.edu.az/report-on-sdg-4-quality-education>

### **SDG 6: Clean Water and Sanitation**

BSU supports sustainable water management through research initiatives focusing on water conservation, wastewater management, and environmental monitoring. The integration of water-saving technologies in laboratory and campus facilities helps reduce water consumption.

Research conducted within environmental and ecological programs contributes to the development of innovative water management techniques, particularly in relation to irrigation efficiency and water quality improvement. These activities play a critical role in strengthening regional water sustainability strategies.

**Report on SDG 6:** <https://sdg.bsu.edu.az/report-on-sdg-6-clean-water-and-sanitation>

### **SDG 7: Affordable and Clean Energy**

BSU made significant progress toward clean energy adoption and energy efficiency in 2025. The university expanded the installation of energy-efficient LED lighting systems and upgraded heating, ventilation, and air conditioning (HVAC) systems to reduce energy consumption.

Renewable energy development also advanced through the installation of solar panels and the promotion of green energy procurement strategies. These initiatives contributed to measurable reductions in greenhouse gas emissions and increased the share of renewable energy used on campus.

**Report on SDG 7:** <https://sdg.bsu.edu.az/report-on-sdg-7-affordable-and-clean-energy>

### **SDG 8: Decent Work and Economic Growth**

BSU infrastructure modernization supports economic growth by improving research productivity, administrative efficiency, and digital transformation. In 2025, the university expanded collaboration with national and international institutions, enabling students and researchers to participate in internships, applied research, and professional development programs.



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These initiatives enhance workforce readiness and contribute to the development of a skilled labor force capable of supporting sustainable economic growth. Participation in international networks also provides students with broader career opportunities and professional exposure.

**Report on SDG 8:** <https://sdg.bsu.edu.az/report-on-sdg-8-decent-work-and-economic-growth>

### **SDG 9: Industry, Innovation, and Infrastructure**

Innovation remained a central focus of BSU's development strategy in 2025. The Eco Space sustainability hub provided advanced infrastructure for applied research, experimentation, and technological innovation.

Modern laboratories, smart classrooms, and digital learning systems enhance interdisciplinary research capacity and encourage collaboration between academia and industry. These developments strengthen BSU's role as a national leader in research-driven innovation and technological advancement.

**Report on SDG 9:** <https://sdg.bsu.edu.az/report-on-sdg-9-industry-innovation>

### **SDG 11: Sustainable Cities and Communities**

BSU contributes to sustainable urban development through environmentally responsible campus planning and infrastructure improvements. Green spaces and environmentally conscious building management systems enhance the resilience and sustainability of campus operations.

Educational outreach programs conducted during SDG Week 2025 promoted climate awareness and environmental responsibility among students, reinforcing the university's role in shaping sustainable communities.

**Report on SDG 11:** <https://sdg.bsu.edu.az/report-on-sdg-11-sustainable-cities>

### **SDG 12: Responsible Consumption and Production**

BSU strengthened its commitment to sustainable consumption through waste reduction strategies and recycling initiatives implemented across campus facilities. The university adopted the 3R (Reduce, Reuse, Recycle) strategy, which minimizes landfill waste and encourages responsible resource use.

Composting programs were expanded to reduce organic waste, while sustainability campaigns educated students and staff about responsible consumption practices. These initiatives collectively promote environmentally responsible production and consumption patterns.

**Report on SDG 12:** <https://sdg.bsu.edu.az/report-on-sdg-12>

### **SDG 13: Climate Action**

Climate action remains a priority at BSU, supported by institutional policies focused on reducing greenhouse gas emissions and achieving net-zero targets. In the 2024–2025 academic year, the university achieved measurable reductions in carbon emissions through energy-efficient technologies, optimized facility operations, and sustainable mobility initiatives.

Carbon footprint monitoring systems and sustainability awareness campaigns further strengthen climate mitigation and adaptation strategies across campus operations.

**Report on SDG 13:** <https://sdg.bsu.edu.az/report-on-sdg-13-climate-action>

### **SDG 15: Life on Land**

BSU promotes biodiversity conservation through the protection and maintenance of green areas, botanical zones, and ecological research spaces. Campus-based environmental projects provide habitats for flora and fauna while supporting ecological education and biodiversity monitoring activities.



Research conducted in environmental sciences contributes to soil conservation, ecosystem restoration, and sustainable land-use planning, strengthening regional environmental resilience.

**Report on SDG 15:** <https://sdg.bsu.edu.az/report-on-sdg-15-life-on-land>

**SDG 17: Partnerships for the Goals**

Partnership development remained a key component of BSU’s sustainability strategy in 2025. The university joined the Sustainability Impact Network, enabling collaboration with international institutions and strengthening global knowledge exchange.

Additionally, BSU collaborated with multiple universities and research organizations in organizing international conferences and joint research initiatives, fostering interdisciplinary cooperation and accelerating the implementation of SDG-aligned projects.

**Report on SDG 17:** <https://sdg.bsu.edu.az/report-on-sdg-17-partnership-for-the-goals>

<i><b>SDG</b></i>	<i><b>Focus Area</b></i>	<i><b>Key Contributions (2025)</b></i>
<i><b>SDG 1: No Poverty</b></i>	Inclusive education & social mobility	BSU provided scholarships, financial aid, and student support programs to reduce financial barriers for disadvantaged students. Campus infrastructure ensured equal access to modern learning and research facilities. The SDG Student Ambassador Program enhanced student engagement in social responsibility and community outreach, supporting upward social mobility.
<i><b>SDG 2: Zero Hunger</b></i>	Sustainable agriculture & food systems	BSU strengthened research in ecology, biotechnology, and AI for climate-smart agriculture. Projects focused on soil fertility, biodiversity, and water optimization. The Eco Space hub introduced aquaponics systems combining fish farming and hydroponics for sustainable food production and education.
<i><b>SDG 3: Good Health and Well-being</b></i>	Healthy campus environment	Campus infrastructure supports physical and mental well-being through green areas, sports facilities, and sanitation systems. Sustainability awareness campaigns and improved environmental conditions contributed to healthier living environments.
<i><b>SDG 4: Quality Education</b></i>	Sustainable and inclusive education	SDG principles were integrated into curricula and research. Staff and students received training on sustainability methodologies. The SFIDEES-2025 International Conference strengthened interdisciplinary collaboration and academic quality.
<i><b>SDG 6: Clean Water and Sanitation</b></i>	Water conservation & management	Research on water conservation, wastewater management, and environmental monitoring was expanded. Water-saving technologies were implemented in campus facilities, supporting improved water efficiency and sustainability.
<i><b>SDG 7: Affordable and Clean Energy</b></i>	Energy efficiency & renewables	BSU introduced LED lighting upgrades, HVAC modernization, and solar panel installations. These initiatives reduced energy consumption and greenhouse gas emissions while increasing renewable energy use on campus.



<b>SDG 8: Decent Work and Economic Growth</b>	Employability & skills development	Infrastructure modernization supported digital transformation and research productivity. Internships, partnerships, and professional development programs enhanced student employability and workforce readiness.
<b>SDG 9: Industry, Innovation, and Infrastructure</b>	Research & innovation ecosystems	The Eco Space hub and modern laboratories strengthened innovation capacity. Smart classrooms and digital systems supported interdisciplinary research and collaboration with industry partners.
<b>SDG 11: Sustainable Cities and Communities</b>	Sustainable campus development	Green campus planning and environmentally responsible infrastructure improved sustainability. SDG Week 2025 outreach programs promoted environmental awareness and sustainable community development.
<b>SDG 12: Responsible Consumption and Production</b>	Waste reduction & circular economy	BSU implemented 3R (Reduce, Reuse, Recycle) strategies, composting systems, and sustainability campaigns to reduce waste and promote responsible consumption behaviors across campus.
<b>SDG 13: Climate Action</b>	Emissions reduction & climate strategy	The university reduced carbon emissions through energy efficiency measures and sustainable mobility initiatives. Carbon monitoring systems and awareness campaigns strengthened climate action efforts.
<b>SDG 15: Life on Land</b>	Biodiversity & ecosystem protection	BSU maintained green spaces and ecological research zones supporting biodiversity. Environmental research contributed to soil conservation, ecosystem restoration, and sustainable land-use practices.
<b>SDG 17: Partnerships for the Goals</b>	International collaboration	BSU strengthened global partnerships through the Sustainability Impact Network and joint international conferences. These collaborations enhanced knowledge exchange and SDG-aligned research initiatives.

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

**Official University Sources**

1. Baku State University Official Website  
<http://bsu.edu.az/az>
2. Campus Area Overview  
<https://bdu.info.az/universitet/kampus>
3. BSU SDG Facilities Portal  
<http://sdg.bsu.edu.az/facilities>
4. BSU SDG Reports  
<http://sdg.bsu.edu.az/sdg-reports>
5. BSU University Policies  
<http://sdg.bsu.edu.az/university-policies>
6. Health Support Service  
<http://sdg.bsu.edu.az/health-support-service>
7. QS University Profile – Baku State University  
<https://www.topuniversities.com/universities/baku-state-university>

**Campus Infrastructure & Academic Facilities**



8. Campus Infrastructure Video  
<https://www.youtube.com/watch?v=fCjMTFnThJQ>
9. Academic Buildings Video  
<https://www.youtube.com/watch?v=fGcrMYHlmkM>
10. University Overview Video  
<https://www.youtube.com/watch?v=M3itFePb1GY>
11. Special Classroom – Azerbaijan International Mining Company  
<http://sdg.bsu.edu.az/news/a-special-classroom-of-azerbaijan-international-mining-company-limited-opened-at-bsu>
12. Korea Computer Science Center Opening  
<https://bdu.info.az/xeberlerr/baki-dovlet-universitetinde-azerbaycan-koreya-komputer-elmleri-merkezinin-acilisi-olub>
13. Electronic Library Upgrade  
<https://bdu.info.az/xeberlerr/BDU%20Elmi%20Kitabxanas%C4%B1n%C4%B1n%20elektron%20b%C3%B6lm%C9%99sinin%20bpnin%20d%C9%99st%C9%99yi%20il%C9%99%20yeni%20n%C9%99nqurulmadan%20sonra%20a%C3%A7%C4%B1n%C4%B1n%20C5%9F%20m%C9%99rasimi>
14. AZERTAC Special Auditorium  
<https://bdu.info.az/xeberlerr/bdu-da-azertac-in-xususi-auditoriyasi-acilib>
15. Kapital Bank Classroom Collaboration  
<https://bdu.info.az/xeberlerr/olkenin-birinci-banki-ve-birinci-universiteti-arasinda-memorandum-imzalandi26>

### **Sustainability & Innovation Facilities**

16. Eco Space – Unique Sustainability Project  
<http://sdg.bsu.edu.az/news/new-unique-project--eco-space-at-the-university>
17. EcoEnergy Station Opening  
<http://sdg.bsu.edu.az/news/bsu-and-kobia-open-ecoenergy-station-on-campus>

### **Student Spaces & Development**

18. Student Space Opening  
<http://sdg.bsu.edu.az/news/opening-of-the-student-space-at-bsu>
19. Student Space News  
<https://bdu.info.az/xeberlerr/bdu-da-telebe-mekaninin-acilisi>
20. Student Space Video  
<https://youtu.be/gbRRydedxW0>
21. Student Development Center Opening  
<http://sdg.bsu.edu.az/news/student-development-center-opened-at-bsu>
22. Student Development Center (News)  
<https://bdu.info.az/xeberlerr/bdu-da-telebe-inkisaf-merkezi-acilib>

### **Extended Campus & Field Facilities**

23. Guba Training, Practice and Recreation Center (Official)  
[http://bsu.edu.az/az/content/quba\\_tdristerb\\_v\\_istirahet\\_mrki](http://bsu.edu.az/az/content/quba_tdristerb_v_istirahet_mrki)
24. Guba TTIM Information  
<https://bdu.info.az/universitet/quba-ttim>
25. Guba Center Video  
<https://www.youtube.com/watch?v=gvmYxYIUddE>



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26. Altiaghac Training and Practice Base  
<https://bdu.info.az/universitet/altiaghac-ttb>

### **Regional & Affiliated Units**

27. BSU College of Economics and Humanities  
<https://bdu.info.az/universitet/iqtisadiyyat-ve-humanitar-kolleci>
28. Young Talents School  
<https://bdu.info.az/universitet/genc-istedadlar-liseyi>
29. Gazakh Branch of BSU  
<https://bdu-qazax.edu.az/index.php/az/>

### **Museums & Cultural Facilities**

30. Genetics Museum Video  
<https://youtu.be/EjWyygbr0ic>
31. Heydar Aliyev Museum Video  
<https://youtu.be/fbMvIPpQhQ0>
32. Mineral Museum Video  
<https://www.youtube.com/watch?v=eABNCshUQLg>

### **Student Activities**

33. Sports Event Video  
<https://youtu.be/PJeRMOOfZCM>

### **Reports and Policies**

34. <https://sdg.bsu.edu.az/sdg-reports>
35. <https://sdg.bsu.edu.az/university-policies>