



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/>

[3] Waste (WS)

[3.2] Total volume of paper and plastic produced this year

<i>Type of Waste</i>	<i>Produced Last Year (tons)</i>	<i>Produced This Year (tons)</i>	<i>Reduced (tons)</i>
<i>Plastic</i>	137.0	82.2	54.8
<i>Paper</i>	153.0	91.8	61.2
Overall	290.0	174.0	116.0

Description:

As part of the university's commitment to sustainable waste management, a comprehensive 3R (Reduce, Reuse, Recycle) Program has been implemented to minimize waste generation and improve resource efficiency across campus. The program emphasizes reducing waste at the source, reusing materials whenever possible, and recycling segregated waste through licensed recycling partners.

During the previous reporting year, the university generated a total of 290 tons of solid waste, comprising 137 tons of plastic waste and 153 tons of paper waste. Through the successful implementation of waste reduction initiatives—including digitalization of administrative processes, reduced use of single-use plastics, paperless learning and communication, reuse of office materials and furniture, and campus-wide recycling practices—the university achieved a 40% reduction in waste generation during the current year.

As a result, plastic waste decreased from 137 tons to 82.2 tons, while paper waste decreased from 153 tons to 91.8 tons. Overall, the total amount of waste generated was reduced from 290 tons to 174 tons, representing a reduction of 116 tons compared with the previous year.

This achievement demonstrates the effectiveness of the university's integrated 3R strategy and reflects the active participation of students, staff, and administrative units in promoting responsible consumption, resource conservation, and environmental sustainability. The program also contributes to the university's commitment to the United Nations Sustainable Development Goal (SDG) 12: Responsible Consumption and Production, while supporting broader institutional sustainability objectives.

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

1. BSU has joined a paper recycling initiative in collaboration with “Azersun Paper and Cardboard Manufacturing Corporation LLC”, encouraging students and staff to recycle paper waste through designated collection points across campus. The project promotes environmental sustainability, supports resource reuse, and raises awareness about responsible waste management.

For more information click: <https://sdg.bsu.edu.az/news/bsu-joins-new-eco-initiative-for-paper-recycling>

2. A Sustainable Procurement Policy at BSU ensures that the university purchases goods and services responsibly by considering environmental, social, and economic impacts. It promotes eco-friendly products, ethical suppliers, and efficient resource use, supporting goals such as the United Nations Sustainable Development Goals (SDGs).

For more information click: <https://sdg.bsu.edu.az/sustainable-procurement-policy>



3. A Responsible Consumption and Production Report at BSU provides a concise overview of how the university manages resources efficiently and reduces waste across its academic and administrative activities. It highlights actions such as minimizing material use, promoting reuse and recycling on campus, and adopting sustainable practices in procurement and daily operations. The report also tracks progress, identifies areas for improvement, and demonstrates alignment with the United Nations Sustainable Development Goals (SDGs), particularly in ensuring sustainable consumption and production patterns.
For more information click: <https://sdg.bsu.edu.az/uploads/files/SDG%2012%202025.pdf>
4. Azerbaijan Railways CJSC organized an information session at BSU to mark World Environment Day. The event focused on environmental sustainability in the transport sector, highlighting the ecological advantages of railway systems, emission reduction efforts, and innovative practices such as alternative energy use, waste management, and paper reduction. It also emphasized collaboration between ADY and BSU and the importance of environmental standards like ISO 14001:2015.
For more information click:
bsu.edu.az/en/news/azerbaijan_railways_holds_environmental_information_session_for_bsu_students
5. BSU is listed as a signatory of the CANIE Accord, demonstrating its commitment to advancing sustainability and climate action in international education. Through this initiative, the university supports environmental responsibility, climate literacy, and sustainable development goals within higher education.
For more information click: <https://canie.org/the-canie-accord/signatory-listing/baku-state-university>
6. International Sustainable Campus Network membership page lists BSU as one of its member institutions committed to advancing sustainable campus development. The page highlights BSU's engagement in international cooperation and its contribution to sustainability, environmental responsibility, and the United Nations Sustainable Development Goals (SDGs).
For more information click: <https://international-sustainable-campus-network.org/membership/baku-state-university/>
<https://sdg.bsu.edu.az/iscn-membership>
7. As part of the Sustainable Development Goals Week, students of BSU visited Clean City ASC to learn about waste management, recycling practices, and environmental awareness. The visit included a tour of Balakhani Industrial Park, where students explored modern recycling technologies and sustainable production processes.
For more information click: <https://sdg.bsu.edu.az/news/bsu-students-visit-clean-city-asc>
8. BSU is a member of the Association for the Advancement of Sustainability in Higher Education, a global network supporting sustainability in higher education. This membership provides BSU with access to international tools, best practices, and collaborations to improve its sustainability performance and align with global standards.
For more information click: <https://sdg.bsu.edu.az/aashe-membership>
9. A scientific seminar on green chemistry was held at BSU, focusing on the application of environmentally friendly principles in secondary school chemistry education. The event highlighted resource efficiency, safe experimentation, and the importance of integrating ecological approaches into teaching, followed by interactive discussions among participants.
For more information click: <https://sdg.bsu.edu.az/news/scientific-seminar-on-the-application-of-green-chemistry-principles-in-secondary-school-chemistry-lessons-held>
10. An awareness event dedicated to International Recycling Day was organized at BSU by "BSU Volunteers" and students of the Faculty of Ecology and Soil Science. The event focused on waste management, recycling practices, and promoting eco-friendly habits, aiming to increase environmental awareness and encourage responsible daily behavior among students.
For more information click: <https://sdg.bsu.edu.az/news/bsu-volunteers-organize-awareness-event-dedicated-to-international-recycling-day>

11. BSU conducts extensive research aligned with Sustainable Development Goal 12, focusing on responsible consumption and production through innovative scientific solutions. It showcases studies in areas such as waste management, sustainable materials, renewable energy, and eco-friendly agriculture, contributing to environmental protection and sustainable development in Azerbaijan.

For more information click: <https://sdg.bsu.edu.az/research-on-sdg-12>

12. BSU demonstrates a strong commitment to sustainability by integrating environmental responsibility, ethical practices, and efficient resource use into its academic and operational activities. Through initiatives, international partnerships such as the International Sustainable Campus Network, and alignment with the United Nations Sustainable Development Goals (SDGs), the university promotes responsible consumption, waste reduction, and sustainable campus development.

For more information click: <https://sdg.bsu.edu.az/ethical-sourcing,-waste-management>

13. An awareness training on solid waste management was held at Baku State University in collaboration with Tamiz Shahar OJSC, focusing on recycling, environmental responsibility, and sustainable practices. The event also introduced BSU's participation in the "Card to Art" initiative, promoting creative recycling by transforming plastic waste into artworks to be exhibited under the Heydar Aliyev Foundation.

For more information click: <https://sdg.bsu.edu.az/news/training-on-modern-approaches-to-solid-waste-management-held-at-bsu>

14. The "Card to ART" eco-initiative at Baku State University promotes recycling by encouraging students and staff to donate unused plastic cards for transformation into creative artworks. Launched with the support of Tamiz Shahar OJSC, the project raises environmental awareness and supports sustainable practices on campus.

For more information click: <https://sdg.bsu.edu.az/news/new-campaign-launched-to-turn-waste-into-art-during-the-year-of-urbanism-and-architecture>

Images





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