

12

**SUSTAINABLE
CONSUMPTION
AND
PRODUCTION FOR
OUR PLANET**

G

D

S

12 **CONSOMMATION
ET PRODUCTION
RESPONSABLES**



THE GLOBAL GOALS



Introduction

In 2025, Nakhchivan State University continued to strengthen its commitment to Sustainable Development Goal 12: Responsible Consumption and Production. Building on prior progress, the university focused on reducing resource use, improving waste management systems, and fostering a campus culture of sustainability. Through infrastructure improvements, student engagement, and partnership initiatives, NSU aims to integrate responsible consumption and production principles into everyday campus life, academic activities, and community outreach.

Waste Management and Recycling Initiatives

NSU carried forward its efforts to minimize waste generation and promote recycling across campus:

Recycling Infrastructure Expansion

- The university expanded recycling stations across academic buildings and student residences, making it easier for students and staff to separate and dispose of recyclables such as plastic, paper, metal, and e-waste.
- These efforts build on previous expansions of recycling infrastructure that helped cultivate responsible waste separation habits on campus.

E-Waste Collection Campaigns

- Collaborative waste collection programs with local partners led to the proper disposal and recycling of outdated electronics, reducing environmental harm and promoting circular waste handling practices.
- Through these campaigns, hundreds of kilograms of e-waste were responsibly processed, continuing the university's tradition of engagement in environmental stewardship.



Resource Efficiency and Digitalization

NSU enhanced its operational sustainability by encouraging resource-saving measures:

Reduction of Paper Use

- By expanding digital workflows in administrative and academic operations, NSU significantly decreased paper printing, enhancing efficiency and reducing waste.
- Digitization of exams, records, and documentation supported responsible use of paper resources, contributing to long-term reductions in material consumption.

Energy-Efficient Campus Infrastructure

- The transition to energy-efficient lighting systems and better ventilation solutions in dormitories and facilities helped lower overall energy consumption and contributed to a reduced carbon footprint, aligning with SDG 12's resource-use goals.

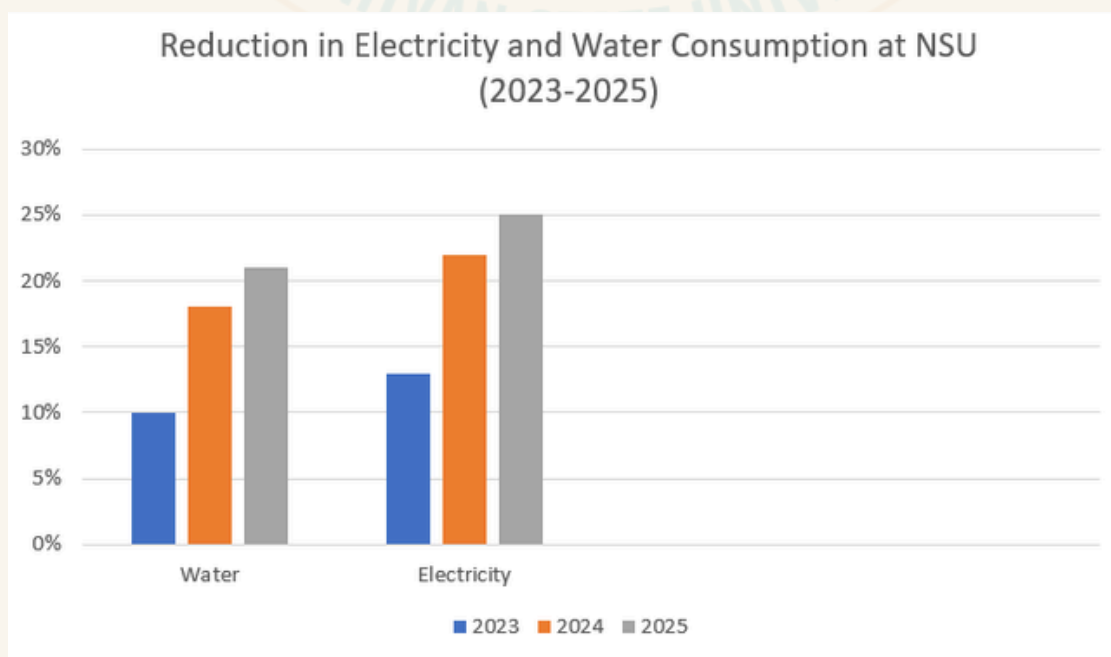
Student Engagement and Awareness

NSU continued to actively involve the campus community in sustainable practices:

Student Eco Clubs and Events

- Student-led organizations hosted multiple eco-awareness events, including sustainability workshops, clean-up days, and zero-waste challenges, which engaged large segments of the student body in environmental action.
- These activities helped promote environmental literacy and fostered a strong culture of responsible consumption among young leaders.

Figure 1: Reduction in Electricity and Water Consumption at NSU (2023–2025) — it clearly shows the percentage decrease in resource usage over the past three years.



Education, Research & Student Engagement

NSU strengthened SDG 12 mainstreaming across the academic environment:

- Curriculum integration: SDG themes, especially responsible production and consumption, were increasingly included in core courses and elective modules across faculties.
- Student Sustainability Initiatives: Student-led eco clubs organized zero-waste seminars, DIY recycling workshops, and community clean-up events — increasing peer awareness and practical sustainability skills.
- Research Integration: Faculty and graduate research projects addressed sustainable supply chains, circular economy concepts, and campus ecology studies.

Community Outreach and Partnerships

NSU's sustainability work extended beyond campus:

- Collaboration with local environmental NGOs continued, focusing on joint campaigns that promote recycling, waste diversion, and eco-behavior among the broader Nakhchivan community.
- In October 2025, NSU hosted an International Scientific Conference on Innovation and Sustainable Development, which included SDG-aligned panels and networking to amplify cross-institutional knowledge exchange.

Monitoring Progress

- NSU uses internal indicators — such as recycling volumes, energy consumption savings, and student participation rates — to track progress year-on-year.
- Existing mechanisms will be refined in 2026 to align with evolving SDG performance metrics and integrate feedback from external stakeholders.

Strategic Priorities for 2026

- Expand campus circular economy pilots (e.g., refill stations, organic composting).
- Strengthen partnerships with regional businesses to advance sustainable procurement and waste valorization.
- Increase sustainability research dissemination through open forums and international collaborations.



Conclusion

In 2025, Nakhchivan State University made meaningful progress toward SDG 12: Responsible Consumption and Production by strengthening sustainability governance, improving resource efficiency, and integrating sustainable practices across campus operations. The institutionalization of the Sustainable Development Centre played a key role in coordinating and advancing these efforts.

The University expanded waste reduction, recycling, digitalization, and energy-efficient practices, contributing to a reduced environmental footprint. At the same time, the integration of SDG 12 into education, research, and student initiatives enhanced awareness and practical engagement with sustainability principles.

Through community outreach and partnerships, NSU extended responsible consumption practices beyond campus, reinforcing its role as a regional sustainability leader. While recognizing the need for continued improvement, the University has established a solid foundation for future progress. Overall, NSU's 2025 efforts demonstrate a clear commitment to advancing responsible consumption and production in line with national and global sustainability goals.

