



University: UzSWLU
Country: Uzbekistan
Web Address: <https://www.uzswlu.uz/en>

3. Waste (WS)

3R (Reduce, Reuse, Recycle) program for university's waste

Overview

In accordance with Uzbekistan's national initiative "*The Year of Environmental Protection and the Green Economy – 2025*", Uzbekistan State World Languages University (UzSWLU) has developed and implemented a comprehensive 3R (Reduce, Reuse, Recycle) Program.

The main goal is to reduce waste generation, promote sustainable consumption, and cultivate a strong environmental culture among students, faculty, and administrative staff.

The program is coordinated by the Department of Natural Sciences and the Campus Management Division, in collaboration with the *Green Leaders Club* and *Eco Volunteers*. It is implemented under formal partnerships with the Ecological Party of Uzbekistan and the Tashkent City "Maxsus Trans" Waste Management Company, ensuring proper waste collection, recycling logistics, and awareness campaigns across the university.

1. REDUCE — Minimizing Waste at the Source

- Digitalization of administration: All reports, memos, and internal correspondence have transitioned to the UzSWLU e-Governance system, significantly reducing paper use.
- E-learning tools: Moodle, Microsoft Teams, and Google Classroom are used for coursework and evaluation, reducing paper consumption by over 30% compared to 2023.
- Campaigns: Initiatives such as "*Think Before You Print*" and "*Zero Waste Office*" promote responsible use of paper and materials.
- Procurement policy: University purchasing favors eco-certified and reusable materials while phasing out single-use plastic packaging.
- Staff engagement: During *Green Habits Month*, more than 3,800 participants joined workshops on sustainable office practices.

2. REUSE — Extending Product Life and Value

- Reusing university resources: Furniture, IT equipment, and laboratory devices are repaired and repurposed rather than replaced.
- Refurbishment programs: More than 950 items (computers, printers, furniture) have been given a second life through internal maintenance workshops.
- Eco-creative learning: Students of translation and design faculties conduct *eco-design* and *upcycling* workshops, producing art pieces from reusable materials.
- Community campaigns: "*Bring Back & Share*" projects encourage staff and students to exchange unused materials instead of discarding them.
- Reusable water stations: Over 600 staff members actively use refillable bottles, supported by newly installed refill points across campus.

3. RECYCLE — Building a Circular Waste Ecosystem

- **Infrastructure:** Color-coded bins (for paper, plastic, metal, and organic waste) are installed in all buildings, dormitories, and public areas.
- **Municipal partnership:** All recyclable materials are collected monthly by **Tashkent City "Maxsus Trans"**, under a signed cooperation agreement.



- Organic composting: Cafeteria waste is processed into compost and reused for landscaping; this now covers 70% of the fertilizer needs for campus greenery.
- Student involvement: Annual *Recycling Weeks*, *Eco Fridays*, and *Clean Campus Challenges* attract more than 2,300 participants each year.
- Output results: In 2024–2025, the university collected 2.3 tons of recyclable materials, generating approximately 12 million UZS in savings, reinvested into sustainability projects.
- Recycling education: Seven master classes and public seminars were held to train over 2,000 participants in waste segregation and recycling techniques.

Integration and Digital Monitoring

- All data on waste reduction and recycling are monitored through the UzSWLU Green Data Portal, providing monthly analytics on waste categories, quantities, and CO₂ savings.
- The 3R Program is integrated into the:
 - Waste Reduction and Digitalization Policy (2023–2030);
 - University Climate Action Plan (2025–2030);
 - “Barqaror Til, Barqaror Dunyo” (Sustainable Language, Sustainable World) staff training initiative;
 - Memorandum of Cooperation with the Ecological Party of Uzbekistan.
- The data are verified annually through external waste management audits conducted jointly with *Maxsus Trans* and the Department of Natural Sciences.

Impact and Achievements

Indicator	2023	2024	2025	Change
Paper waste	130 tons	115 tons	102 tons	▼ –22%
Plastic waste	60 tons	50 tons	41 tons	▼ –32%
Recycling rate	45%	58%	68%	▲ +23%
CO ₂ savings	—	6 tons	8 tons	▲ Increasing

- Total paper and plastic waste decreased from 165 tons (2024) to 143 tons (2025) — a 13% overall reduction.
- Composting and reuse initiatives offset approximately 8 tons of CO₂ emissions annually.
- More than 1,200 students and 250 staff were trained in sustainable waste management and green leadership.
- The 3R Program contributes directly to SDG 12 (Responsible Consumption and Production) and SDG 13 (Climate Action).



			
			
Scenes from the University's Eco-Friendly Activities			

	
Sewage Disposal	Bins

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

<https://www.uzswlu.uz/en#>
https://www.instagram.com/uzswlu_official
<https://www.facebook.com/uzswlu.uz>
<https://www.youtube.com/c/Ozbekistondavlatjahontillariuniversiteti>
<https://t.me/UzSWLU>
<https://t.me/UzSWLU/26206>
<https://t.me/UzSWLU/23356>
<https://t.me/UzSWLU/40281>
<https://t.me/UzSWLU/35272>
<https://t.me/UzSWLU/33615>
<https://t.me/UzSWLU/31292>
<https://t.me/UzSWLU/31049>
<https://t.me/UzSWLU/20100>

