



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

3. Waste (WS)

[3.1] WS1 3R (Reduce, Reuse, Recycle) Programme for University Waste

In support of Uzbekistan's nationwide initiative “The Year of Environmental Protection and the Green Economy – 2025,” UzSWLU has introduced a university-wide 3R Programme (Reduce, Reuse, Recycle) to strengthen sustainable waste management and responsible resource use, aiming to decrease waste production, encourage sustainable consumption, and develop a strong environmental mindset among students, faculty, and administrative personnel. The programme is jointly coordinated by the Department of Natural Sciences and the Campus Management Division, with active support from the Green Leaders Club and student Eco Volunteer groups, and is implemented in cooperation with the Ecological Party of Uzbekistan and the Tashkent City “Maxsus Trans” Waste Management Company.

1. REDUCE — Preventing Waste Generation

Major actions include the transfer of official reports, memorandums, and internal communication to the UzSWLU e-Governance platform, substantially reducing paper dependency; awareness campaigns such as “Think Before You Print” and “Zero Waste Office”; green procurement practices prioritizing eco-certified and reusable materials while eliminating single-use plastic packaging; and employee engagement through Green Habits Month, where sustainability workshops attracted participation from over 5,100 students and staff members.

2. REUSE — Promoting Resource Recovery and Extended Use

Furniture, laboratory equipment, and IT devices are maintained and reused whenever possible rather than replaced; more than 1,450 items (computers, office furniture, printers) have been restored and reused through campus maintenance workshops. Students from translation and design faculties participate in upcycling and eco-design workshops. The “Bring Back & Share” campaign motivates material exchange, and over



1,050 staff members regularly use refillable water bottles supported by newly established refill stations.

3. RECYCLE — Strengthening a Circular Waste Management Model

Color-coded recycling bins for paper, plastic, metal, and organic waste have been installed in academic buildings, dormitories, and common areas. Recyclable waste is collected monthly through the partnership with Tashkent City “Maxsus Trans.” Cafeteria food waste is converted into organic compost, currently covering approximately 90% of fertilizer requirements for university green spaces. Student participation programmes (Recycling Weeks, Eco Fridays, Clean Campus Challenges) involve more than 3,400 participants annually. During 2025–2026, the university collected approximately 4.2 tons of recyclable materials, generating nearly 22 million UZS in savings reinvested into campus sustainability activities, and eleven workshops trained over 3,200 participants in effective waste segregation and recycling methods.

Institutional Integration and Verification

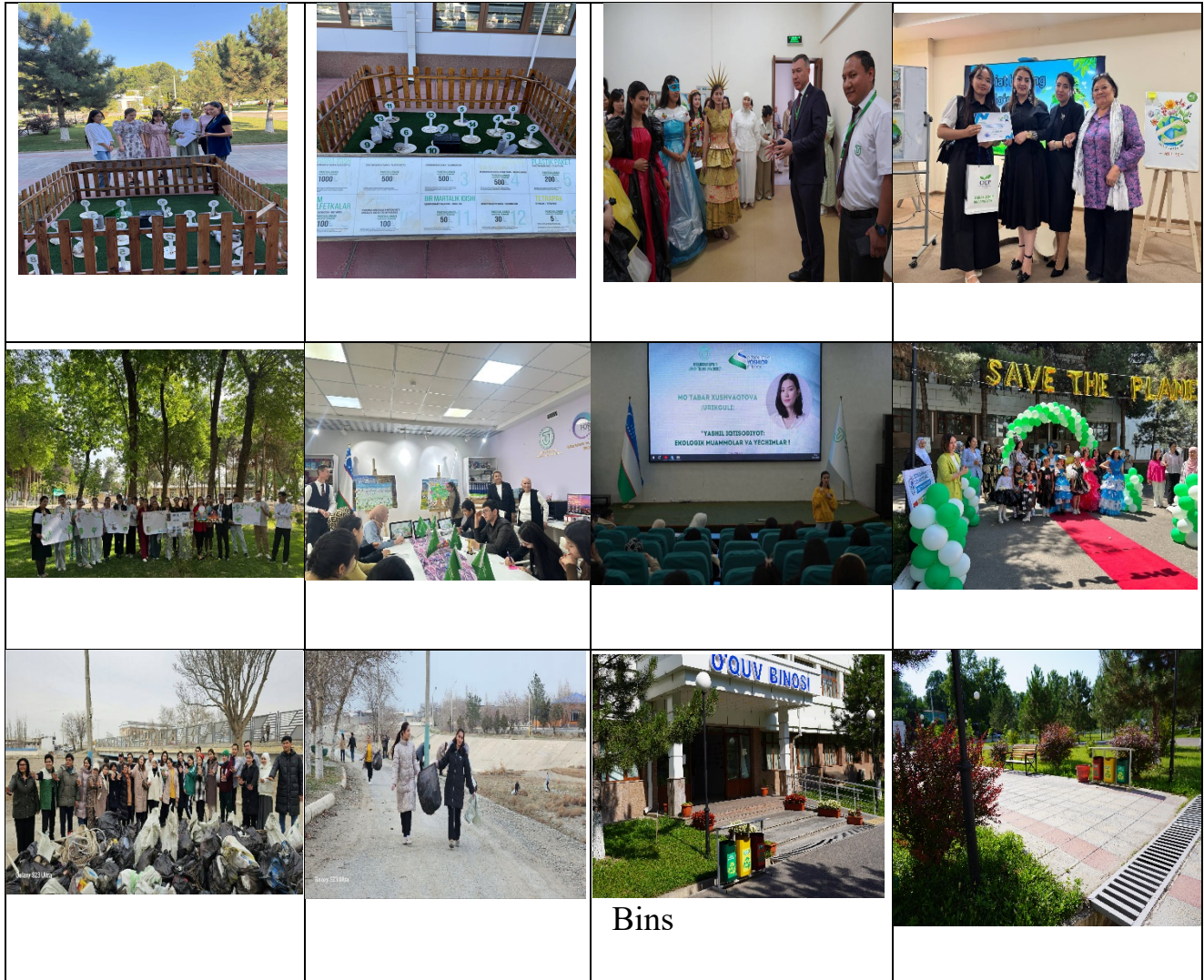
All waste reduction and recycling activities are tracked through the UzSWLU Green Data Portal, providing monthly analytics on waste categories, collection volumes, and estimated CO₂ reductions. The programme is institutionally connected to the Waste Reduction and Digitalization Policy (2023–2030), the University Climate Action Plan (2025–2030), the staff development initiative “Barqaror Til, Barqaror Dunyo,” and the Memorandum of Cooperation with the Ecological Party of Uzbekistan. All program indicators are annually verified through external waste management audits jointly conducted by Maxsus Trans and the Department of Natural Sciences.

Impact and Achievements (2023–2026)

Indicator	2023	2024	2025	2026
Paper waste	130 t	115 t	102 t	86 t (–34%)
Plastic waste	60 t	50 t	41 t	31 t (–48%)
Recycling rate	45%	58%	72%	79% (+34%)
CO ₂ savings	—	6 t	11 t	15 t



More than 2,100 students and 420 staff have been trained in sustainable waste management and green leadership. The 3R Programme contributes directly to SDG 12 (Responsible Consumption and Production) and SDG 13 (Climate Action).



Bins

Scenes from the University's Eco-Friendly Activities



Sewage Disposal

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

<https://uzswlu.uz/backend/web/uploads/pagepdf/icon/17310634578481.pdf>

<https://uzswlu.uz/backend/web/uploads/pagepdf/icon/17310659480819.pdf>

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