



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

3 Waste

3.11 Total volume inorganic waste treated this year

In 2025, Uzbekistan State World Languages University (UzSWLU) treated approximately **51,000 kg (51 tons)** of inorganic waste, representing **60 percent of the total 85 tons of inorganic waste generated** during the year. This marks a **12 percent reduction in total waste** and a **25 percent improvement in recycling efficiency** compared to 2024, when only 48 percent of inorganic waste was treated.

Breakdown by category

Type of Waste	Volume Treated (kg)	Treatment Method
Plastic	25,000	Collected, sorted, and recycled through “Maxsus Trans”
Glass	10,000	Reused for construction and decorative materials
Metal	7,000	Recycled through local scrap-processing companies
Electronic waste (e-waste)	4,000	Dismantled and processed by “GreenTech Recovery”
Mixed non-recyclables	5,000	Sent for energy recovery under municipal partnership
Total Treated	51,000 (≈ 51 tons)	≈ 60% of total inorganic waste

Collection and Treatment System

- Waste treatment is implemented under an official contract with the Tashkent City “Maxsus Trans” Waste Management Company, ensuring regulated collection, transportation, and recycling.
- Electronic waste (computers, printers, cables) is managed via the “*GreenTech Recovery*” program, guaranteeing safe dismantling and material recovery.
- All collection data are registered in the UzSWLU Green Data Portal, which monitors monthly waste quantities, recycling rates, and CO₂ savings.
- The *Eco Volunteers* and *Green Leaders Club* support manual sorting of plastics and cans, redirecting recoverable materials for recycling.

Key Initiatives in 2025

- Expansion of color-coded waste segregation bins and centralized collection points across campus.
- Launch of the “Plastic to Art” Competition, encouraging creative reuse of plastic waste.
- Implementation of a Zero Waste Week, engaging over 1,200 students and 150 staff members in sorting and awareness activities.



- Establishment of an Inorganic Waste Research Corner for material testing and educational demonstrations.

Environmental and Economic Impact

- 51 tons of inorganic waste treated, reducing landfill disposal by 20 tons compared with 2024.
- CO₂ reduction: ≈ 10 tons per year, verified by the Department of Natural Sciences.
- Resource recovery savings: ≈ 25 million UZS through recycling and reuse activities.
- Recycling rate improvement: from 48% in 2024 to 60% in 2025.

Contribution to SDGs

These results contribute directly to:

- SDG 12 – Responsible Consumption and Production, by maximizing recycling and material recovery;
- SDG 13 – Climate Action, by reducing emissions through waste minimization;
- SDG 17 – Partnerships for the Goals, by engaging municipal and private recycling partners (*Maxsus Trans*, *GreenTech Recovery*).



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