



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

[3] Waste (WS)

3.10 Total volume inorganic waste produced last year

In 2024, Uzbekistan State World Languages University (UzSWLU) generated an estimated **96,000 kg (96 tons)** of inorganic waste, including **plastic packaging, glass, metal, and electronic waste (e-waste)**.

This figure served as the baseline for the university's subsequent waste reduction achievements in 2025.

Breakdown by category

Type of Waste	Volume (kg)	Share
Plastic waste	46 000 kg	48 %
Glass waste	20 000 kg	21 %
Metal waste	11 000 kg	12 %
Electronic waste (e-waste)	9 000 kg	9 %
Mixed non-recyclables	10 000 kg	10 %
Total	96 000 kg (≈ 96 t)	100 %

Management and Monitoring System

Inorganic waste in 2024 was collected and transported through an **official agreement** with the **Tashkent City “Maxsus Trans” Waste Management Company**.

At that time, the university was still in the early stage of developing its **3R (Reduce, Reuse, Recycle)** and **Plastic-Free Campus** initiatives.

Data monitoring was conducted manually through departmental records, which later evolved into the fully digital **UzSWLU Green Data Portal** system established in 2025.

Key characteristics in 2024

- Partial installation of **segregation bins** for paper, plastic, and glass in main campus buildings.
- Initial **awareness campaigns** led by the *Green Leaders Club* on proper waste sorting and recycling.
- Limited recycling of **electronic waste**, mostly stored or disposed through municipal waste streams.
- **Digitalization efforts** (e-signature and paperless system) launched but not yet fully implemented across faculties.

Quantitative Results (2024)

- Only **48 percent (≈ 46 tons)** of inorganic waste was **recycled or reused**, while **50 tons** were sent to landfill.



- Estimated **CO₂ reduction** through partial recycling reached **8 tons per year**, according to internal environmental audits.
- The total waste generation rate per person was approximately **5.0 kg/year**, based on a campus population of 19,000.

Comparison and Transition to 2025

The 2024 data provided a benchmark for significant improvements achieved the following year:

- **Total inorganic waste decreased by 12 percent (96 → 85 tons).**
- **Recycling efficiency increased from 48 to 60 percent.**
- **CO₂ reduction improved from 8 to 10 tons per year.**
- Full digital monitoring via the *UzSWLU Green Data Portal* was implemented, ensuring precise data collection and reporting.

Contribution to SDGs

The university's inorganic waste management efforts in 2024 laid the foundation for measurable progress toward:

- **SDG 12 – Responsible Consumption and Production**, through early implementation of 3R principles; and
- **SDG 13 – Climate Action**, by initiating reductions in waste-related carbon emissions.



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