University: Navoi State University of Mining and Technologies
Country: Navoi, Uzbekistan
Web Address: https://www.nsumt.uz/

[3] Waste (WS)

[3.11] Total volume inorganic waste treated this year

Type of waste	Amount (ton)					
	Produced		reduced	Treated		
	2024	2025		reused	down-cycled	up-cycled
Inorganic non-toxic	100	96	4	60	30	6
paper	50	51	-	33	17	1
soft plastic	23	22	1	13	8	1
hard plastic	20	17	3	11	5	1
Etc.	7	6	1	3	-	3

Description:

We are committed to sustainable practices in handling inorganic waste. Our efforts in treating and repurposing this waste have led to remarkable outcomes. During 2025, Navoi State University of Mining and Technologies generated approximately 96 tons of inorganic non-toxic waste. Followings are included:

- Paper: 51 tons;
- Soft Plastic: 22 tons;
- Hard Plastic: 17 tons;
- Etc. *(glass and metal)*: 6 tons

Our waste treatment strategy emphasizes reduction, reuse, downcycling, and upcycling:

- Reduction:

We have successfully reduced 1 ton of soft plastic, 3 tons of hard plastic and 1 ton of other waste in 2025 *(96 tons in total)* compared to 2024 *(100 tons)*.

- Reuse:

We have reused 33 tons of paper, 13 tons of soft plastic, 11 tons of hard plastic and 3 tons of glass/metal.

- Downcycling:

About 17 tons of paper were downcycled into toilet paper and draft documentation paper. Additionally, 8 tons of soft plastic and 5 tons of hard plastic were downcycled.

About 3 tons of metal and glass, 1 ton of hard plastic, 1 ton of soft plastic and 1 ton of paper were upcycled by university with the help of local companies into high-quality materials for use in construction. The university focuses on up-cycling inorganic waste by producing construction materials and equipment for laboratories.

Our university cooperates with local recycling centers to ensure that all recyclable materials, including paper, plastic, metal and glass are properly processed. This effort has contributed to a 35% increase in recycling rates over the past three years. Overall, 96 tons or about 100% of inorganic waste was treated effectively during 2025.

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