



**SAMARKAND STATE UNIVERSITY NAMED AFTER SHAROF RASHIDOV
(SAMDU)**

**SUSTAINABLE DEVELOPMENT GOAL 12
(SDG 12)**



The United Nations set up 17 Sustainable Development Goals in 2015, with "responsible consumption and production" being the 12th goal. "Ensure sustainable consumption and production patterns" is the primary objective of SDG 12.

It is obvious that there are finite resources in our world. Because of the ongoing population growth, these resources are running out. Significant estimates indicate that in order to continue existing lifestyles, we will require three planets to accommodate the world's population if it grows to 9.8 billion by 2050. As a result, we must alter our consumption patterns. One of the most important adjustments we need to make in order to lower our consumption levels is switching to more sustainable energy sources.

Samarkand State University feels its responsibility towards responsible consumption and production. Therefore, we set out our waste reduction strategies, involving five key priority areas.

1. Annual Waste Reduction targets.
2. Annual audits

3. Reducing landfill waste
4. Recycling
5. Reuse

The university has taken many other steps for penetrating sustainable practices in all spheres. For example, reducing plastic waste.

Metrics

12.2.1 - Does your university as a body have a policy on ethical sourcing of food and supplies?

The minimal ethical standards for food products are outlined in Samarkand State University's ethical food sourcing and suppliers' policy. There are three basic principles that guide how the institution and its food procurement stakeholders operate.

1. Economic
2. Environmental
3. Social

It means effective sustainable purchase and procurement practices bring sustainable development and act as a primary factor for wise distribution and utilization of resources.



Sustainable practices, responsible consumption and production have deep roots at Samarkand State University since many decades. Every year, we celebrate and organize many events for creating awareness among the society for sustainable practices for fresh and hygienic food supply.

<https://www.samdu.uz/upload/content-files/Sustainable%20Purchase%20and%20Procurement%20Policy.pdf>

12.2.3 - Does your university as a body have a policy, process or practice on waste disposal - Covering hazardous materials?

Samarkand State University named after Sharof Rashidov acts on waste disposal proactively. For hazardous waste, we follow the guidelines and instructions prepared by experts and the government of Uzbekistan. University developed a policy long before today by 2015. However, this policy was reviewed in 2022.

This policy is prepared by national and international experts under the light of Uzbek laws which describes the types of hazardous materials, their procurement procedure, usage, and keeping of waste that is produced due to use. In general, these materials are used by the faculties in different laboratories to perform different analysis, required to train students and for conducting research.

Type of waste	amuount (ton)				
	total	reduced	reused	down-cycled	up-cycled
toxic	2.9	0.5	0.201	0	0
- electronics	1.0	0.20	0.1	0	0
- lab. Chemicals	0.9	0.10	0.001	0	0
- etc	1.0	0.20	0.1	0	0

12.2.4 - Does your university as a body have a policy on waste disposal - To measure the amount of waste sent to landfill and recycled?

Type of waste	amount (ton)				
	Total	Reduced	Reused	Down-cycled	Up-cycled
organic	250	64	55	10	25
- food waste	100	32	30	4	15
- leaf, etc.	110	25	20	4	8
- etc	40	8	5	2	2

We classify the waste into many categories like organic and inorganic waste.

Type of waste	amount (ton)				
	total	reduced	reused	down-cycled	up-cycled
inorganic non-toxic	38.9	8	15	11	10
- paper	18	4	8	6	2
- soft plastic	5.7	2	2	1	2
- hard plastic	7.2	2	4	2	4
- etc	8	0	1	2	2

The system of waste collection and disposal operates by our waste disposal policy. Our waste disposal policy provides instructions, objectives, ethics, planning, and execution.

12.2.5 - Does your university as a body have policies around use minimisation - Of plastic?

Samarkand State University does not allow single-use plastic at university-owned campuses and buildings. Our waste disposal policy also governs plastic issues.

12.2.6 - Does your university as a body have policies around use minimisation - Of disposable items?

We divide up our waste disposal into several categories so that it may be handled properly. Our garbage disposal policy also specifies details regarding it.

12.2.7 - Do these policies extend to outsourced services and the supply chain?

Our procurement and purchase policy describes it well.

<https://www.samdu.uz/upload/content-files/Sustainable%20Purchase%20and%20Procurement%20Policy.pdf>

12.2.8 - Do these policies extend to outsourced suppliers and the supply chain - (suppliers of equipment, stationary, building contracts)?

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