



University : Uzbekistan State World Languages University (UzSWLU)

Country : Republic of Uzbekistan

Web Address: <https://www.uzswlu.uz/en>

[3] Waste (WS)

Organic waste at the university may include food waste from canteens and cafes, as well as waste of plant origin (for example, wilted flowers).

The processing of organic waste can be carried out by composting or anaerobic digestion.

-Composting is the process of decomposition of organic substances under the influence of microorganisms. The result is compost, which can be used as fertilizer for plants. Special containers or compost pits can be used for composting organic waste at the university.

-Anaerobic digestion is a biochemical process in which microorganisms decompose organic substances in the absence of oxygen. As a result, biogas is formed, which can be used to produce electricity or heat. Anaerobic digestion requires special equipment and can be a more complex and expensive process than composting.

For efficient processing of organic waste, it is necessary to develop a waste collection and sorting system, as well as provide access to composting or anaerobic digestion equipment. This will reduce the amount of waste sent to landfills and reduce the negative impact on the environment.

It is important to note that the processing of organic waste must be carried out by legislation and regulatory requirements. It is necessary to obtain all necessary permits and licenses, as well as comply with safety and hygiene rules.

In addition, the recycling of organic waste can become part of the university's educational program. Students and staff can participate in the process of waste collection, sorting and



recycling, which will contribute to the formation of an ecological culture and a responsible attitude towards the environment.

[3.3] Total volume of organic waste produced

Type of organic waste	Total Produced (ton)
- food waste	450
- leaf, etc.	300
- etc	130
Total	880

Description:

At our university, much attention is paid to environmental issues and sustainable development. One of the key aspects of this work is the recycling of organic waste. As part of this activity, we strive to reduce the amount of waste sent to landfills and reduce the negative impact on the environment.

We have made significant progress in this area in recent years. We have implemented a system for collecting and sorting organic waste, which allows us to efficiently recycle it. We use special containers and compost pits for composting organic waste. This allows us to obtain compost, which is used as fertilizer for plants.

In addition, we are considering the possibility of introducing an anaerobic digestion system for processing organic waste. This process will allow us to obtain biogas, which can be used to generate electricity or heat.



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

<https://www.uzswlu.uz/en#>

https://www.instagram.com/uzswlu_official

<https://www.facebook.com/uzswlu.uz>

<https://www.youtube.com/c/Ozbekistondavlatjahontillariuniversiteti>

<https://t.me/UzSWLU>