



Sustainable Development Goals

Individual Report on SDG 12 - RESPONSIBLE CONSUMPTION AND PRODUCTION

12 RESPONSIBLE
CONSUMPTION
AND PRODUCTION



Aktau 2023

YU actions to encourage sustainable consumption and production

SUSTAINABLE DEVELOPMENT GOALS

Individual Report

12.2 Operational measures

Yessenov University organizes waste management which is crucial for promoting sustainability and reducing the environmental impact of the campus. The University is fostering a culture of waste reduction and responsible waste management, which plays a significant role in environmental conservation and sustainability.

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

YU has 2 canteens to provide staff and students with food. It has certification and standards that indicate ethical sourcing.

Policy: a policy on “Choosing products sourced sustainably and responsible farming practices” approved by the Public Council dated March 18, 2022.

Type of organic waste	Total Produced (ton)
- food waste	3
- leaf, etc.	0.5
- etc	3

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

YU has a policy to ensure staff and students are safe and environmentally friendly in case of waste disposal. Materials from the construction of buildings are gathered carefully and taken by a special truck. YU has an agreement with a local waste company “AktauMusor”.

Policy: a policy on “Creating safe environment against waste disposal during the summer reconstruction of the campus” approved by the Public Council dated July 5, 2022. Protocol No. 7

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?

YU is in the process of a comprehensive waste disposal policy that emphasizes waste reduction, recycling. YU claims that It is essential for promoting environmental sustainability. So, YU runs training and awareness programs for employees.

Policy: a policy on “Waste Reduction and recycling” approved by the Public Council dated July 7, 2022. Protocol No. 8

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

YU has recently implemented a program “Management and Monitoring” which audits regular plastic use and assesses the types and quantities of plastic waste generated. The University would have opportunities for plastic waste reduction.

Policy: A policy on “Management and Monitoring of Plastic waste” approved by the Public Council dated September, 2023. Protocol No. 2.

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

YU has recently implemented a program “Management and Monitoring” which audits regular plastic use and assesses the types and quantities of plastic waste generated. The University would have opportunities for plastic waste reduction. YU encourages the use of the minimisation of disposable items. Thus, it has implemented a program on campus “Management and Monitoring” dedicated to the use of disposable items. The 1st step of this program has been successfully finalized. YU has a contract with local waste companies. These policies are carried out based on the contract.

Policy: a policy on “Management and Monitoring of Plastic waste” approved by the Public Council dated September, 2023. Protocol No. 2.

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

YU has a contract with local waste companies. These policies are carried out based on the contract.

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

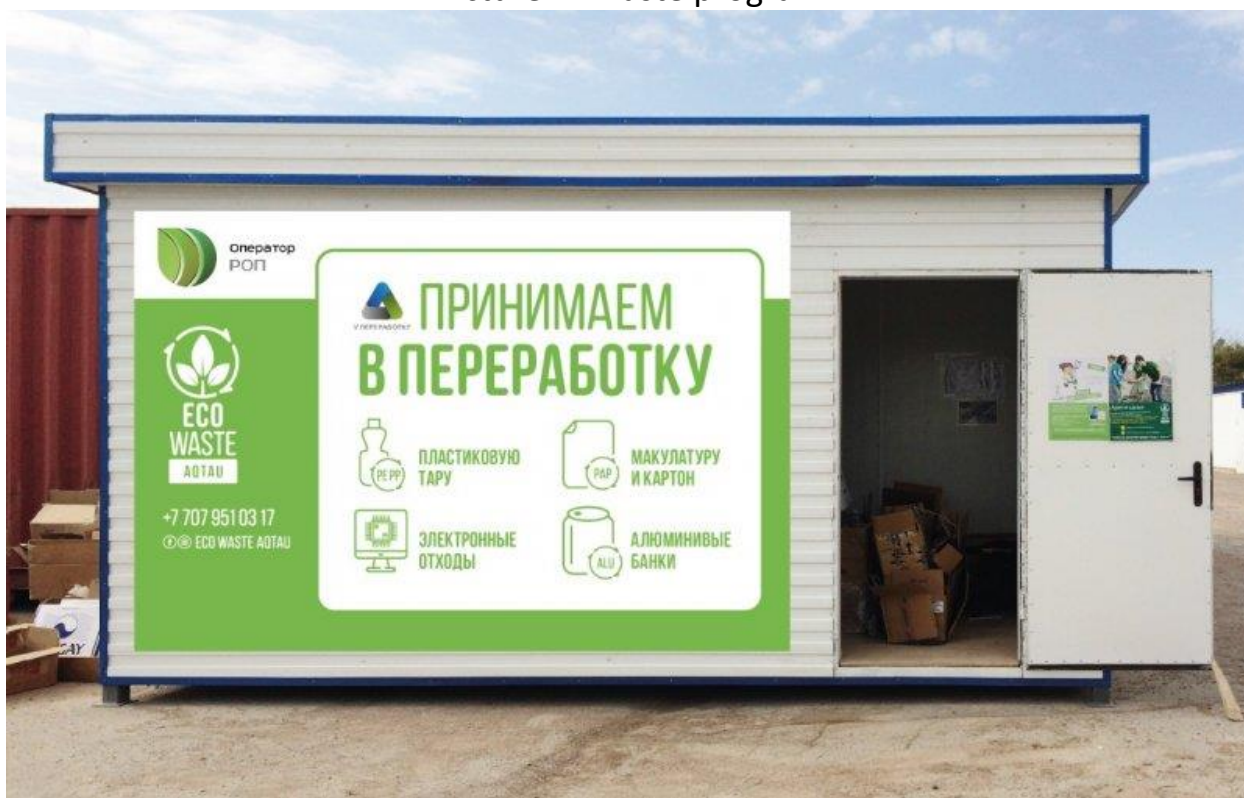
YU promotes its policies within the framework of collaboration with suppliers

The University has core principles of sustainable waste management and environmental conservation. Thus, YU encourages its students and staff to use products with minimal packaging. Additionally, it organizes a company among its staff and students to organize an action on “Donating or selling items you no longer need” sharing items to prevent them from becoming waste. In order to accomplish it, YU collaborates with Aktau City Department of Employment and Social Programs which has a reception and delivery point for used items, shoes, dishes, bags and children's toys.

Moreover, Yessenov University uses a recycling company, a local Aktau Eco Waste, which has implemented a Recycling system, allowing students and faculty to easily determine what they can and cannot recycle. Additionally, this waste program for a university is an excellent way to promote sustainability and reduce the environmental impact of the campus.



Picture 1. Waste program



Picture 2. Joint waste program

12.3 Proportion of recycled waste

12.3.1 - Does your university as a body measure the amount of waste generated and recycled across the university?

Yessenov University promotes actions in minimizing environmental impact from the use of paper and plastic. Both paper and plastic production have significant environmental consequences, from resource extraction and manufacturing to waste disposal. Thus, YU has a 5-year contract with a local company which gathers paper and plastic waste coming out from Yessenov University. This action works quarterly, and every 3 months there is a delivery service from YU.

It is also important to note that the idea of collecting paper and plastic came from a graduate student of Yessenov University. YU has always been proud to have innovative students.

12.3.2.1 - Amount of waste generated

12.3.2.2 - Amount of waste recycled

12.3.3.2 - Amount of waste sent to landfill

- Amount of waste generated - 3 ton;
- Amount of waste recycled -0,5 ton;
- Amount of waste sent to landfill -2.5 ton.

Yessenov University promotes sustainability and reduces the environmental impact of the campus. It has a special track of waste to deliver them to the garbage center located out of the city center. It includes food waste from the canteen of YU, paper from offices and leaves (seasonal). Organic waste types are also collected separately, but mostly the paper is reused, and food is taken by local cattle farms owning sheep and camels.

Total volume organic waste treated

Type of waste	amount (ton)			
	total	reduced	reused	recycled
organic				
- food waste	3	2.5	0.5	
- leaf, etc.	0.5	-	0.3	

- etc	3	-	-	
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The link: https://yu.edu.kz/sustainable-development/#https://drive.google.com/file/d/1Y7fAoWDX6pvkJ3KVIppM1uWIRqRkT_d/view?usp=sharing

Total volume inorganic waste produced

Type of inorganic waste	Total Produced (ton)
- paper	5
- soft plastic	6
- hard plastic	8
- etc	2

12.4 Publication of sustainability report

12.4.1 - Publication of sustainability report

Yessenov annually publishes a Sustainability report. First Sustainability Report has been published for 2022. It includes university missions and actions related to SDGs such as SDG 3, 4, 5, 8, 9, 10, 13, 14, 16 and 17.

The links: https://yu.edu.kz/sustainable-development/#https://drive.google.com/file/d/1Y7fAoWDX6pvkJ3KVIppM1uWIRqRkT_d/view?usp=sharing

Newsletter 1:

Yessenov University promotes sustainability and reduces the environmental impact of the campus. It has a special track of waste to deliver them to the garbage center located out of the city center. It includes food waste from the canteen of YU, paper from offices and leaves (seasonal). Organic waste types are also collected separately, but mostly the paper is reused, and food is taken by local cattle farms owning sheep and camels.



Picture 3. Inorganic waste program

Yessenov University has developed inorganic waste treatment together with other companies such as Caspiy Operating which gathers inorganic waste and recycles them. YU staff and students organize actions on a regular basis to collect waste or to get delivered the collected waste. The main scope of the joint project is to optimize, and generally improve, the recycle process of inorganic waste in order to recover valuable precious metals and rare earth elements.

There is a nation-wide program at the University which is called “Monthly Sembilik”. This program starts with the collaboration between the University and EcoMangystau, and has the aim to raise users and citizen awareness on waste collection and recycling.

The link: <https://yu.edu.kz/golubaya-buhtada-yi-senbilik/>

Newsletter 2:

Students of Yessenov University took part in the joint event "Let's do it world" with the NGO "Ekomangistau", the organization "Expo and woman" and other organizations of Aktau. Students gathered not only the territory of the city, but also 2-4 year students of the specialties of international relations and Tourism of the Faculty of business and law visited the recreation area "Golubaya buhta". Students collected a large amount of garbage over the armpit beach territory in more than two hours. In addition, students expressed their desire to participate in this event every year.

