



# Sustainable Development Goals

## Individual Report on SDG 2 - ZERO HUNGER

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**2** ZERO  
HUNGER



Aktau 2023

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# Sustainable Development Goals

## Individual Report

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### YU actions to achieve food security and promote sustainable agriculture

#### 2.2 Campus Food Waste

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.

#### Total volume organic waste produced

Type of organic waste	Total Produced (ton)
- food waste	4
- leaf, etc.	0.5
- etc	3

Also, Yessenov University promotes organic waste treatment by distinguishing types of waste into special containers. One of them is designed for “bread” and “food waste” to get recycled for cattle and domestic animals food supply.

- Waste Sorting Stations:

Yessenov University established waste sorting stations where users can separate recyclables, compostables, and landfill waste.

- Waste Collection Schedule:

Yessenov University has a regular collection schedule for different waste streams, ensuring bins are emptied before they overflow.

Type of waste	amount (ton)
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	total	reduced	reused	recycled
<b>organic</b>				
- food waste	12	5	8	
- leaf, etc.	0.5	-	0.3	
- etc	3	-	-	

### 2.3 Student Hunger

The University has programs on student food. In particular, the university supports student unions to carry events and programs. For instance, YU Union has organized a fair for students. Annually, on the day of International Youth the University organizes various actions, which also includes some of them are on food.

**The link:** <https://yu.edu.kz/ru/studentter-k%d2%afnine-oraj-shara/>

There is a body at university which assists to alleviate hunger among staff. This is a Labor Union. It collects information about the staff who need food supply among the campus population and provides help.

In terms of students, there is a Students Union who collects data and informs about the necessity of food supply.

In most cases, staff and students give for charity (food, clothes ect.) There is a canteen designed for vegans, in particular, for foreign students. There is a fact that Aktau is a city famous for its meat products. There are hardly any people who do not consume meat.

The University provides its staff and students with healthy and affordable food. It has two canteens with a wide range of food with a fixed price on snacks, coffee & tea, meals in accordance with students' marketing.

The University has a Maritime Academy which trains for aquaculture

**The link:** <https://ma.yu.edu.kz/> .

Job Fair (connect food producers)

In order to assist in the employment of graduates of Yessenov University, a job fair "Career Day" was held in accordance with educational programs. At the fair, state institutions and prestigious enterprises of the Mangystau region presented more than 140 vacancies to graduates.

**The link:** <https://yu.edu.kz/ru/yessenov-university-de-bos-zh%d2%b1mys-oryndar-zh%d3%99rmenkesi-%d3%a9tti/>

Greenhouse YU

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**The first direction** is the training of personnel for the development of the agro-industrial complex in Mangystau, developing the research character and culture of students. Students of the University majoring in Biology in the greenhouse conduct research and graduation work during the year. In 2019, 9 students of the Department of Natural Sciences of the Faculty of Pedagogy under the guidance of PhD Kozhamzharova L.S. defended their thesis at the highest level.

**The second direction** is the development of productivity and the production of an environmentally friendly product with the successful use of materials and innovative technology "Development of practical issues and greenhouse management in the climatic conditions of the Mangystau region".

**The third direction** is the planning of courses "Greenhouse economy", "In the Greenhouse YESSENOV", "Young florist (designer)", "Fundamentals of hydroponics" in order to improve the qualifications of young professionals and students. Within the framework of three directions, access to university facilities are open for locals.

**The link:** <http://ped.yu.edu.kz/ru/laboratoriya/esenov-jilijay-zhylyzhajy/>

**Pic 1.** Yessenov Greenhouse



**Pic 1.** Students at Yessenov Greenhouse planting koshets

