SUSTAINABLE DEVELOPMENT GOAL NO. 12 «RESPONSIBLE CONSUMPTION AND PRODUCTION»

In the modern world, consumption reflects culture, the level of societal responsibility, and its attitude toward the future. The way resources are produced, used, and disposed of determines not only environmental balance but also the ethical boundaries of civilization.

The 21st century has confronted humanity with the need to rethink the very logic of production: from a model of unlimited growth to a model of a finite planet.

For Ukraine in 2025, the issue of responsible consumption has gained additional importance due to the consequences of the war, destruction of infrastructure, resource shortages, and the need to rebuild the economy on the principles of sustainability.

In these conditions, universities act as spaces for forming a new culture of responsibility both in knowledge production and in everyday practice.

In 2025, V. N. Karazin Kharkiv National University continued implementing Sustainable Development Goal No. 12 “Responsible Consumption and Production” through:

- environmental initiatives;
- scientific research;
- educational programs;
- resource optimization;
- digitalization of processes;
- formation of environmental culture.

ENVIRONMENTAL RESPONSIBILITY OF UNIVERSITY INFRASTRUCTURE

In 2025, the university continued implementing practices of rational resource use.

Main directions included:

- optimization of energy consumption;
- implementation of digital services;
- rational use of water and materials.

These measures aim to create a sustainable infrastructure that minimizes environmental impact.

EDUCATION IN SUSTAINABLE CONSUMPTION

In 2025, the university continued integrating the topic of responsible consumption into the educational process.

Students studied:

- principles of circular economy;
- environmental consequences of production;
- resource management;
- sustainable development;
- environmental ethics.

Education is aimed at fostering an understanding that every consumption decision has long-term consequences.

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DIGITALIZATION AS A TOOL FOR REDUCING RESOURCE CONSUMPTION

In 2025, the university continued developing digital technologies that help reduce material consumption.

This includes:

- electronic document management;
- online education;
- digital archives;
- virtual laboratories;
- process automation.

Digitalization is viewed as a tool for dematerializing part of educational and administrative processes.



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FORMATION OF A RESPONSIBLE CONSUMPTION CULTURE

In 2025, the university continued awareness-raising activities aimed at changing attitudes toward consumption.

Main directions included:

- environmental campaigns;
- student initiatives;
- educational events;
- discussions on sustainable development.

A culture of conscious choice is being formed, where consumption is viewed as an ethical act.

WASTE MANAGEMENT AND ENVIRONMENTAL PRACTICES

In 2025, the university continued improving its waste management system.

Implemented measures included:

- waste sorting;
- reduction of single-use materials;
- environmentally safe disposal;
- reuse of resources.

These practices aim to minimize the university's environmental footprint.



INTERNATIONAL EXPERIENCE IN SUSTAINABLE PRODUCTION

In 2025, Karazin University continued participating in international initiatives related to circular economy and sustainable development.

Main directions included:

- exchange of scientific practices;
- participation in research programs;
- integration of European standards;
- joint environmental projects.

International cooperation promotes the adoption of modern approaches to responsible production.

CONCLUSIONS

12 RESPONSIBLE CONSUMPTION AND PRODUCTION

In 2025, V. N. Karazin Kharkiv National University continued implementing Sustainable Development Goal No. 12 “Responsible Consumption and Production” through:

- resource optimization;
- environmental initiatives;
- development of education;
- scientific research;
- digitalization;
- waste management;
- international cooperation.

The university views responsible consumption as an ethical and practical principle that determines the quality of human interaction with the world. In this context, production and consumption become part of a culture of responsibility toward nature, society, and future generations.