



# "Green office" KazNARU concept







# Introduction

In the context of global environmental changes, educational institutions must play a leading role in shaping a culture of sustainable development. Universities not only impart knowledge but also set examples of responsible environmental behavior.

In this regard, the Kazakh National Agrarian Research University (KazNARU) has introduced the “Green Office” initiative—a comprehensive program aimed at reducing the carbon footprint, optimizing resource use, and improving the environmental situation in academic and administrative buildings.



**01.**

Improving the environmental situation on the university campus.

**02.**

Implementing sustainable practices in daily activities.

**03.**

Fostering a responsible attitude toward nature among students and staff.



A hand is holding a small potted plant with a woven basket cover. The plant has green, rounded leaves. In the background, there is a larger potted plant with similar leaves. The scene is set on a wooden surface, possibly a table or desk, with a window and curtains visible in the background. The overall lighting is soft and natural.

# Waste Minimization

## Electronics Disposal:

1. Installation of special bins for disposing of old electronics and batteries.
2. Regular campaigns to collect unwanted electronics for recycling.
3. Collaboration with e-waste recycling companies to ensure proper disposal.



## Reducing Single-Use Plastic:

1. Use of reusable dishes, bottles, and food containers.
2. Ban on plastic cups, bottles, and bags.
3. Encouraging the use of reusable bags and eco-friendly packaging for products.





## Separate Waste Collection:

1. Installation of containers for separate waste collection (plastic, paper, glass, organic waste).
2. All staff and students must be trained in proper waste sorting.
3. Regular educational seminars and workshops on waste recycling and proper disposal.





# Energy Saving and Greening

One of the key goals of sustainable development is the rational use of energy and the creation of comfortable natural spaces in educational and work environments.

## **What steps are being taken?**

- Transition to energy-efficient lighting (LED lamps) to reduce electricity consumption.
- Installation of motion sensors for automatic light shutdown in unoccupied rooms.
- Placement of indoor plants in offices and classrooms to improve air quality.

## **Additional initiatives:**

- Mini-gardens and flower beds are being created on campus.
- Students are actively involved in campus greening projects.
- Competitions are held for the best green space design.



# Reducing Energy and Water Consumption

Rational water use is a crucial aspect of sustainable development. KazNARU is taking steps to reduce water consumption and promote a culture of responsible resource management.








## **What measures have already been implemented?**

1. Installation of water-saving faucets and nozzles to reduce water usage.
2. Monitoring of water consumption in university buildings.
3. Awareness campaigns for students and staff on the importance of water conservation.

## **What is planned next?**

- Implementation of advanced automatic water regulation systems.
  - Encouraging the use of reusable bottles and thermocups instead of disposable plastic cups. Organizing events to promote responsible water use.
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# Education and Information Campaigns

Creating an environmental culture is impossible without education and continuous awareness efforts. KazNARU actively engages in educational activities among students and staff.

## What is being done?

- Lectures and seminars on ecology, sustainable development, and green technologies.
- Distribution of informational materials (posters, brochures, email newsletters).
- Development of a “Green Office” webpage featuring news, achievements, and plans.

## Future initiatives:

- Integrating sustainable development courses into academic programs.
- Inviting experts to conduct workshops and training sessions.
- Establishing student environmental clubs.

**The more people recognize the importance of sustainability, the faster real change can be achieved.**



# Responsibility and Motivation

An effective implementation of the “Green Office” concept requires a system of control and incentives.

## How is motivation supported?

1. Introducing awards for departments actively implementing environmental initiatives.
2. Conducting regular monitoring and reporting on environmental standards.
3. Collaborating with partner organizations to exchange best practices.
4. Establishing environmental teams in each department.
5. Participating in national and international sustainability competitions.

**Eco-motivation is a key element in engaging people and achieving long-term results.**





# Public Participation and Volunteer Programs

Public participation and volunteer programs play a crucial role in the success of the initiative. Students and staff are actively involved in organizing environmental activities such as clean-up events and tree planting. They also participate in the development and implementation of new ecological projects. Social campaigns and events are conducted to raise awareness about environmental issues. When everyone contributes, small changes can lead to significant results.





# Future Development

**The "Green Office"** is not a one-time initiative but a long-term strategy. In the future, KazNARU plans to further develop its infrastructure in line with environmental standards, support research in ecology and renewable energy, and expand international cooperation with environmentally responsible universities.

The continued development of this program will help KazNARU become a leader in sustainable development among educational institutions.







**The "Green Office"** program is an important step toward an environmentally sustainable future. Every student and staff member can contribute to improving the environment by incorporating sustainable practices into daily life. Through joint efforts, we can create a comfortable, eco-friendly space and make the university a model of responsible environmental stewardship.

***Join the initiative! Together, we can make KazNARU even greener!***





**Thank  
You!**