



S.Seifullin Kazakh Agrotechnical Research University

Sustainable Development Policy of S.Seifullin Kazakh Agrotechnical Research University



Astana 2025

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General provisions

S. Seifullin Kazakh Agrotechnical Research University (hereinafter - Seifullin University) recognizes its responsibility to society, the state and the international community for the implementation of the Sustainable Development Goals (SDGs) approved by the United Nations. Our mission is to train highly qualified specialists for the agricultural sector, develop scientific research and introduce innovations that contribute to the environmentally, socially and economically sustainable future of Kazakhstan.

We are integrating key areas of sustainable development into the university's strategy: responsible resource management, digitalization of the agricultural sector, development of green technologies, support for social justice and expansion of international cooperation.

The University, as a top-level social institution (Crow and Dabars, 2015), accepts responsibility for its contribution to building a just and supportive society. This vision of the university is a driving force for strengthening its reputation, allowing it to demonstrate its social responsibility, which can contribute to its sustainable development.

The Sustainable Development Policy of Seifullin University (hereinafter referred to as the Policy) has been developed in accordance with the legislation of the Republic of Kazakhstan, the Charter of our University and regulates the basic relations in ensuring the sustainable development of the University.

This regulation has been developed in accordance with the following regulatory documents:

- The Law of the Republic of Kazakhstan dated 27.07.2007 No. 319-III "On Education";
 - Law of the Republic of Kazakhstan dated July 1, 2024 No. 103-VIII SAM "On Science and Technology Policy";
 - Civil Code of the Republic of Kazakhstan dated December 27, 1994 No. 268-XIII;
 - Labor Code of the Republic of Kazakhstan dated 11/23/2015 No. 414-V;
 - Resolution of the Government of the Republic of Kazakhstan dated July 15, 2022 No. 482 "On Approval of the Concept of Investment Policy of the Republic of Kazakhstan until 2026";
 - Message of the President of the Republic of Kazakhstan to the people of Kazakhstan "Strategy "Kazakhstan-2050";
- The UN Sustainable Development Goals of 2015

Basic principles

1. Integration of the SDGs into educational programs, scientific research and management practices of Seifullin University.
2. Environmental responsibility – reducing the carbon footprint, rational use of water, energy and land resources.
3. Social justice – affordable education, inclusion, equal opportunities and support for vulnerable groups.
4. Economic sustainability – the development of innovative technologies and start-ups in the agricultural sector.
5. International partnership – cooperation with universities, scientific centers and organizations (FAO, UNESCO, etc.).

The purpose of this Policy is to define the fundamental norms, principles, rules and approaches that Seifullin University should adhere to in building a management system in the field of sustainable development.

The sustainable development policy of our University is based on three components (ESG):

- E** – responsible attitude to the environment (ecological balance);
- S** – high social responsibility;
- G** – high quality corporate governance (economic growth).

The principles in the field of sustainable development are openness, accountability, transparency, ethical behavior, respect, legality and respect for human rights, and intolerance to corruption. Principles in the field of sustainable development are integrated into the key processes of the university: educational processes, research, educational processes, planning, human resource management, investments, reporting, as well as the development strategy of Seifullin University.

Objectives of this Policy:

To define the principles and directions of Seifullin University's activities in the field of sustainable development, to consolidate the roles, competencies, and responsibilities of each University body in general and all employees in particular for the implementation of the principles of sustainable development; to determine the relationship between the University's key processes in the field of sustainable development and environmental impact.

By solving problems in the field of sustainable development, our university forms a mission, goals and objectives, transforming them into a long-term Development Program. When implementing the Development Program of Seifullin University, it is based on established international norms of behavior and principles enshrined in relevant standards in the field of sustainable development, which is a prerequisite for ensuring compliance of its activities with the best international

practices.

The provisions of this Policy must be observed by all departments of Seifullin University in terms of interaction with stakeholders in the planning and implementation of their activities, the development of internal regulatory documents, the dissemination of information and other types of communication.

Goals and priorities of Seifullin University in the field of sustainable development for 2025-2030

Sustainable development is defined as development that meets the needs of the current generation without compromising the ability of future generations to meet their own needs.

The 2015-2030 Sustainable Development Goals, formulated by the United Nations, are comprehensive, ensure the balance of all three components of the ESG's sustainable development in 17 points, and also focus on 5 main aspects: people, planet, peace, prosperity, and cooperation.

1. Education and science

- Implementation of disciplines on "green economy", digital agricultural technologies and artificial intelligence.
- Development of double-degree and international educational programs (China, France, the Netherlands, Germany).
- Establishment of the FAO Knowledge Center at Seifullin University for the global exchange of best practices.

2. Environmental sustainability

- **Water:** phased replacement of water-saving equipment; introduction of drip and rotary irrigation systems.
- **Earth:** the development of "smart pastures" using digital monitoring and solar energy.
- **Energy:** expanding the use of solar panels and wind turbines; conducting annual energy conservation campaigns.
- **Waste:** participation in the "World without Waste" program, phased implementation of a garbage sorting system on all university campuses.

3. Social responsibility

- Expansion of the system of grants and support for students from vulnerable categories.
- Promoting gender equality and inclusion.
- Promoting a healthy lifestyle through sports leagues, healthy lifestyle campaigns, and prevention programs.

4. Innovation and digitalization

- Development of intelligent greenhouses, "smart pastures", agrotech startups and digital platforms for farmers.
- The use of mobile applications for managing agricultural facilities ("Farmer's Tablet").
- Support research on food security, biodiversity and climate change.

Policy implementation

- Coordination: The Center for Sustainable Development of Seifullin University in cooperation with the Rector's Office.
- Monitoring: an annual report on SDG achievements published on the university's website.
- Education and engagement: conducting courses, seminars, environmental campaigns and scientific conferences.
- Cooperation: expansion of partnerships with national and international organizations on sustainable development.