

**MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE
REPUBLIC OF KAZAKHSTAN**

**NON-COMMERCIAL JOINT-STOCK COMPANY
«EAST KAZAKHSTAN TECHNICAL UNIVERSITY
named after D. Serikbaev»**

SUSTAINABLE DEVELOPMENT OFFICE

APPROVED BY:

**Chairman of the Board – Rector
JSC «East Kazakhstan Technical
University named after D. Serikbaev»
S. Rakhmetullina**



**SUSTAINABLE DEVELOPMENT AND CLIMATE CHANGE
MITIGATION POLICY
JSC «EAST KAZAKHSTAN TECHNICAL UNIVERSITY NAMED AFTER
D. SERIKBAEV»
P-JSC «EKTU» 163-I-2025**

Ust-Kamenogorsk
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<p align="center">Non-profit joint-stock company «East Kazakhstan Technical University named after D. Serikbayev»</p>	
<p align="center">Policy in the field of sustainable development and combating climate change of JSC «EKTU» named after D. Serikbaev</p>	<p>Page 2of 5</p>

JSC «East Kazakhstan Technical University named after D. Serikbayev» (hereinafter referred to as the University) is aware of the global challenges facing humanity in the 21st century, including climate change, environmental degradation and depletion of natural resources. In response to these challenges, the University takes an active role in promoting sustainable development through its educational, scientific and social activities. Sustainable development is the basis of the University's strategy aimed at integrating the principles of environmental, social and economic sustainability into all areas of its work. Climate change problems require comprehensive solutions and targeted efforts at the level of individual institutions, regions and states. The University intends to be a leader in the field of education and research aimed at finding innovative solutions to combat climate change and sustainable management of natural resources. This document represents a strategic guideline for our University in the field of sustainable development and environmental protection.

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1. General Provisions

1. This Policy regulates the general principles and areas of the University's activities in the field of sustainable development and combating climate change. The Policy is aimed at introducing environmentally friendly and sustainable practices into University life, including education, research, resource management and interaction with external partners. The University, as an educational and scientific institution, seeks to integrate sustainability principles into strategic and operational processes, focusing on best international practices and recommendations.

2. Main objectives of the policy

2. Development and implementation of innovative solutions in the field of sustainable development and environmental protection.

3. Implementation of effective mechanisms for managing the university's carbon footprint and resources.

4. Education of a new generation of specialists with the knowledge and skills to solve environmental and climate problems.

5. Active involvement of students, teachers and university partners in environmentally oriented activities.

3 . Main directions of policy

6. Development and implementation of a system for monitoring carbon emissions and energy consumption.

7. Education and training of staff and students in energy efficiency practices and the use of green technologies.

4. Eco-friendly technologies and innovations

8. The University initiates the creation of laboratories and research centers focused on solving problems of sustainable development, environmental protection and minimizing the impact of anthropogenic factors.

9. Innovative technologies and methods aimed at reducing the negative impact on nature are introduced into the educational process, which contributes to the formation of environmental awareness and responsibility among students and teachers.

10 . The University encourages the participation of students and researchers in international environmental projects, stimulating the exchange of knowledge and experience, as well as the integration of best practices in the field of sustainable development.

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5. Education and enlightenment in the field of sustainable development

11. Integrating sustainable development and climate change principles into curricula and science courses at all levels of education.

12. Conducting trainings, seminars, lectures and other events for students, teachers and university staff on issues of ecology and sustainable development.

13. Active involvement of students in projects aimed at solving environmental problems through student initiatives, conferences and scientific research.

14. To develop students' awareness of their role in solving environmental and social problems related to climate change.

6. Sustainable resource management

15. Implementation of principles of efficient and careful use of water, energy and natural resources at all university facilities.

16. Development and implementation of a waste reduction system, increasing recycling levels and minimizing the use of disposable materials.

17. Creation of infrastructure for waste collection and processing, including sorting, recycling and disposal systems.

18. Encouraging the use of environmentally friendly and reusable materials in educational and administrative processes.

7. Social responsibility and interaction with the local community

19. Organization and participation in public environmental projects aimed at improving the state of the environment in the region.

20. Involvement of students and staff in environmental activities at the university level and beyond.

21. Collaboration with government agencies, scientific institutions and the private sector to implement joint projects aimed at reducing the impact on climate and nature.

22. Supporting local community initiatives in the field of sustainable development and combating climate change

8. Monitoring, reporting and continuous improvement

23. Implementation of a system for monitoring the environmental impact of university activities, including carbon footprint, water, energy and waste use.

24. Regular reporting of sustainability achievements and results to students, faculty and the public.

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25. Analysis of performance results, development and implementation of measures to improve the environmental performance of the university.

26. The university's participation in international rankings on sustainable development and environmental responsibility.

9. Conclusion

27. The University is committed to the principles of sustainable development and environmental responsibility. The University consistently works to create an environmentally friendly and innovative university environment, introducing advanced scientific developments and technologies that help reduce the negative impact on the environment.

28. Recognizing its responsibility to society and future generations, the University directs its efforts to raising environmental awareness, developing scientific research and integrating best practices in the field of sustainable development.

29. By combining the efforts of students, faculty, staff and partners, the University strives to make a significant contribution to the conservation of natural resources and ensuring the well-being of .