



D. Serikbayev

**EAST
KAZAKHSTAN
TECHNICAL
UNIVERSITY**

SUSTAINABILITY

**Policy of NJSC «D. Serikbayev East Kazakhstan
technical university»**



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1. INTRODUCTION

1.1 Purpose

The Sustainable Development Policy (hereinafter – the Policy) of the Non-Profit Joint Stock Company “D. Serikbayev East Kazakhstan Technical University” (hereinafter – the University) has been developed with the aim of implementing a management system in the field of sustainable development. This system will enable consistent and continuous adherence to the principles of sustainable development, confirm the University’s commitment to sustainable development standards, and ensure a long-term sustainable trend in improving key performance indicators. The Policy serves as a fundamental document for enhancing the University’s activities in the area of sustainable development.

The Sustainable Development Policy of D. Serikbayev East Kazakhstan Technical University is aimed at integrating the principles of sustainable development into all areas of the University’s activities — education, science, management, and infrastructure — to form an environmentally responsible, socially just, and economically sustainable academic community, while also making the University a model of a “green” and socially responsible institution.

2. GENERAL PROVISIONS

2.1 Regulatory documents

The Policy has been developed in accordance with the Law of the Republic of Kazakhstan dated July 27, 2007, No. 319-III “On Education”; the Law of the Republic of Kazakhstan dated February 18, 2011, No. 407-IV “On Science”; the “Concept of Lifelong Learning (Continuous Education)” approved by the Resolution of the Government of the Republic of Kazakhstan dated July 8, 2021, No. 471; the Program “Transforming Our World: the 2030 Agenda for Sustainable Development”; the Incheon Declaration of May 21, 2015, “Education 2030: Ensuring Inclusive and Equitable Quality Education and Lifelong Learning for All”; the Charter of the University approved by Order No. 345 of the Chairman of the Committee of State Property and Privatization dated June 2, 2020; the Strategic Development Program of the University for 2023–2025; and other internal regulatory documents of the University.

The scope of this Policy covers the key process of the Company's activities, including educational processes, research, educational processes, planning, human resource management, investments, as well as the Strategic Development Program of the Company.

2.2 Glossary

1) UNESCO (United Nations Educational, Scientific and Cultural Organization) - a specialized agency of the United Nations for education, science and culture;

2) SDG (Sustainable Development Goals) - Sustainable Development Goals. A set of 17 interlinked goals developed in 2015 by the UN General Assembly as "a blueprint for a better and more sustainable future for all";

3) UN (United Nations) - the United Nations;

4) IMF (International Monetary Fund) - the International Monetary Fund is a specialized agency of the United Nations, headquartered in Washington, USA;

5) The 5P concept is an extended version of Philip Kotler's classic 4 "P" model. Kotler's marketing mix consists of four words that in the original English begin with the letter p (read "P"): product, price, place and promotion. They are translated into Russian as product, price (pricing), place (distribution, distribution) and promotion. In 17 points, as well as goals, they are focused on 5 main aspects - these are people, planet, peace, prosperity and cooperation (5P Concept);

6) social responsibility - an ethical principle that for the implementation of public duty in the decision-making process, it is necessary to take into account not only the interests of individuals or organizations that make these decisions, but also the interests, values and goals of broad social groups, and society as a whole.

3. FOUNDATIONS OF THE COMPANY'S SUSTAINABILITY POLICY

Sustainable development is defined as development that meets the needs of the present generation without compromising the ability of future generations to meet their own needs. The Sustainable Development Goals for 2015–2030, formulated by the United Nations, are comprehensive and indivisible, ensuring a balance of all three components of sustainable development: economic, social, and environmental, across 17 goals. In addition, the goals are focused on five key aspects — people, planet, peace, prosperity, and partnership (the 5P Concept).

The concept of sustainable development lies in achieving the strategic goals of the University. This concept takes into account all aspects of the University's activities, including issues of quality education. It is also important that, along with the improvement of educational outcomes, environmental and social engagement positively affect the overall reputation of the University, reflecting the level of its innovative development and the quality of its management. Systematic management of sustainable development makes it possible to establish the University's priorities in the field of sustainability at a strategic level and to regularly assess performance in this area based on established priorities and indicators.

Universities around the world face daily changes in the economic, environmental, and social spheres, which may become sources of both new risks and new opportunities. For this reason, the University's Sustainable Development Policy is built with consideration of the economic, social, and environmental aspects of sustainability, through the implementation of

best practices in education, environmental initiatives, labor safety, and the social sphere to ensure sustainable economic growth. All corporate decisions made by the University administration must be based on the principles of sustainable development: openness, accountability, transparency, ethical conduct, respect, legality, observance of human rights, and zero tolerance for discrimination and corruption.

The principles of sustainable development are integrated into the University's key processes: educational, research, and upbringing activities; planning processes; human resource management; investments; reporting; as well as the University's development strategy.

The University focuses on the 17 Sustainable Development Goals adopted by the United Nations. The main goal of the University, as an institution of higher education, is to ensure the quality and sustainable development of the University through research on all seventeen SDGs and the integration of research results into the educational process and the University's infrastructure.



SUSTAINABLE DEVELOPMENT GOALS

4. COMPANY'S SUSTAINABLE DEVELOPMENT GOALS

4.1 Goal 1 – No Poverty.

The University achieves this goal through:

- 1) providing students with preferential (reduced-cost) education;
- 2) the development of social support packages for employees with large or single-parent families.

4.2 Goal 2 – Zero Hunger.

The University develops and implements programs to prevent hunger among students and university staff, especially among students from low-income families.

4.3 Goal 3 – Good Health and Well-Being.

To achieve Goal 3, the University adheres to a policy of systematic work to promote health and ensure equal access to social programs to support the well-being of both students



and employees. In order to implement this policy, the University sets itself the following objectives:

1) Strengthening healthy lifestyle habits among University staff and students.

2) Establishing a smoke-free area on campus.

3) Developing and implementing programs for affordable and healthy nutrition for all members of the university community.

4) Implementing information and educational programs and projects among University students and students of partner schools to promote health and well-being, including hygiene, nutrition, family planning, sports, physical exercise (promotion of sports, study of national traditions and modern practices of Kazakhs leading to health, well-being, and longevity), including through the operation of clubs.

5) Providing students with access to sexual and reproductive health services, including informational and educational services.

6) Developing a Healthy Lifestyle Formation Program.



4.4 Goal 4 – Quality Education.

The University is committed to a policy of inclusivity, non-discrimination, and the provision of equitable access to quality lifelong education for all citizens of Kazakhstan and international learners, irrespective of ethnicity, gender, religion, health status (including disability), or social and financial background.

4.5 Goal 5 – Gender Equality.

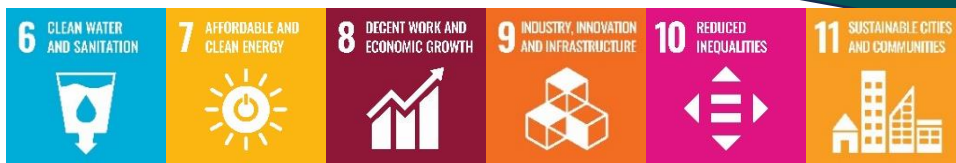
1) The University ensures gender equality in recruitment, admission, education, and participation in the institutional life of both students and staff.

2) To promote gender equality, the University upholds a strict non-discrimination policy towards girls and women. Female students and staff are granted equal rights and opportunities to engage in academic, economic, social, leadership, and other institutional activities.

3) The University is committed to preventing discrimination against transgender individuals and ensures equal treatment and inclusion for all members of its community.

4) To guarantee openness and transparency, the University protects individuals who report cases of discrimination in education or employment.

5) The University provides institutional support for both fatherhood and motherhood, and conducts training programs aimed at enhancing literacy in sex education, partnership relations, and child-rearing practices.



4.6 Goal 6 – Clean Water and Sanitation.

For the rational use of water, the University promotes water reuse. The University's infrastructure ensures that all visitors have access to safe drinking water, as well as to hygiene and sanitation facilities.

4.7 Goal 7 – Affordable and Clean Energy.

The University adheres to a policy of utilizing affordable and clean energy sources through research and the gradual implementation of energy efficiency standards for all renovation and new construction projects across its campuses. In pursuit of sustainable “green energy” development, the University seeks to refrain from investments in carbon-intensive energy sectors, particularly coal-based industries.

4.8 Goal 8 – Decent Work and Economic Growth.

The University commits itself to a policy of combating slavery, forced labor, human trafficking, and child labor. The University equally ensures decent working conditions for its employees. It actively supports the employment of its graduates. The University guarantees equal rights in the outsourcing of work and services. Furthermore, the University ensures equality in fair remuneration, regardless of employees' gender.

4.9 Goal 9 – Industry, Innovation, and Infrastructure.

The University annually supports student and faculty startup projects aimed at enhancing production efficiency and economic growth. The University also fosters the activities of Competence Centers, where research is conducted, and innovative projects are implemented.

4.10 Goal 10 – Reduced Inequalities.

The University develops the necessary regulatory documents and procedures aimed at preventing discrimination and harassment. The University guarantees the equality of both students and staff in the observance of human and constitutional rights.

The University ensures the protection of students and staff from discrimination, as well as the realization of equal rights to decent work, employment, fair and equitable remuneration, and protection from harassment and extortion through the employment of professional legal experts and the support of an anti-corruption public center.

4.11 Goal 11 – Sustainable Cities and Communities.

The University implements SDG 11 by providing equal opportunities for students and staff without housing in the city of Ust-Kamenogorsk to reside in university dormitories. The University adheres to the concept of a “green” campus that meets international standards of

comfortable and safe housing. On a permanent basis, the University operates the projects “Green Campus” and “EKTU.Otbasy – Territory of Well-being.”





EKTU
1958

EKTU
GREEN CAMPUS - GREEN UNIVERSITY
путь ВКТУ к зеленой стратегии
Path of EKTU to a green strategy

Петрова Ольга Анатольевна,
кандидат технических наук, старший преподаватель
Школы наук о Земле

Olga Petrova,
Candidate of Technical Sciences,
Senior Lecturer at the School of Earth Sciences

2023

EKTU - Future starts today
ВКТУ - Будущее начинается сегодня

4.12 Goal 12 – Responsible Consumption and Production.

For the purpose of promoting responsible consumption and production, the University pursues the following policies:

- 1) Ethical selection of food suppliers for the campus;
- 2) Waste management, including the disposal of hazardous materials;
- 3) Minimization of plastic use and single-use items;
- 4) Monitoring and control of water consumption across the university campuses.

4.13. Goal 13 – Climate Action.

The University adheres to a policy of combating climate change and actively promotes scientific research in this field.

4.14. Goal 14 – Life Below Water.

The University makes efforts to prevent and reduce any pollution of the aquatic environment, including pollution caused by waste and nutrients.

The University’s policy for the sustainable preservation of marine ecosystems, as well as the collection of food products on campus originating from aquatic ecosystems, is supported within the framework of the projects “Green Campus” and “EKTU.Otbasy – Territory of Well-being”. In order to preserve aquatic ecosystems, the University plans by 2030 to reduce anthropogenic and technogenic impacts on local aquatic ecosystems.

4.15 Goal 15 – Life on Land.

The University conducts research in the field of protection, restoration, and support of ecosystems. The University is committed to greening initiatives and supports the ecosystem of campus territories.

The University supports a policy to combat invasive alien species within ecosystems. The University adheres to a waste separation policy across its campuses.



The University implements a policy aimed at reducing plastic waste and ensuring the disposal of waste, including hazardous materials.

The University follows a policy for the identification, monitoring, and conservation of any species listed in the IUCN Red List that inhabit the campus territory.



4.16 Goal 16 – Peace, Justice, and Strong Institutions.

The University implements a policy aimed at preserving peace and justice.

The University ensures full transparency of internal organizational processes.

The University carries out measures to counteract corruption.

The University provides free legal support to students, employees, and visitors.

4.17 Goal 17 – Partnerships.

The University adheres to a policy of openness for cooperation with governmental and non-governmental regional and international organizations that are interested in collaboration in the field of sustainable development.

5. COMPANY'S SOCIAL RESPONSIBILITY

The University views the role of social responsibility in the social, economic, and environmental spheres as being directly connected to the University's activities and aligned with its capacities.

5.1. The Company is guided by the following principles:

1) Transparency. The Society adheres to a policy of openness and transparency in its intentions and actions, ensuring access to the results of its activities by publishing relevant information in the media and on the Society's website. This Policy makes it possible to eliminate obstacles to achieving the stated goals as effectively as possible and contributes to building trust in the overall activities of the Society.

2) Initiative. The activities of the Society are not only a reaction to certain events occurring in society but are also aimed at taking an active role in managing the level of societal development, contributing to its alignment with the best international standards.

3) Economic efficiency. The activities carried out at the University represent social investments with expected and projected returns. Social investments imply the strategic, long-term policy of the Society, aimed at qualitative changes in the educational, scientific, and cultural life of society.

5.2 The Company assumes responsibility for:

On the protection of human rights to accessible (inclusive) quality education, and on zero tolerance for discrimination, violence, and corruption, through the following actions:

- 1) Ensure access to education for all, regardless of ethnicity, religion, disability, immigration status, or gender.
- 2) Undertake activities against workplace discrimination in hiring, remuneration, and harassment (including discrimination based on religion, sexual orientation, gender, age, disability, etc.).
- 3) Support academic freedom: the right to choose areas of research; to speak publicly and to teach within one's field of study.
- 4) Create infrastructure for people with disabilities.

On providing students with access to sexual and reproductive health services, including informational and educational services, as well as anti-smoking initiatives:

- 1) Raise awareness among students and staff about the harm of smoking to both their own health and the health of others.
- 2) Establish a smoke-free area on campus.
- 3) Support the activities of the Office for Socio-Cultural Activities and Youth Policy, as well as sustainability competence centers.
- 4) Support the work of medical units functioning on university campuses.

On implementing the Action Plan for combating climate change, and striving to follow the goals of sustainable ecology and responsible consumption:

- 1) Recycling and disposal of all types of waste, minimizing the use of disposable items, plastics, and toxic substances. Engage volunteers from among university staff and students to clean the university's territory of waste and toxic plastics. Promote a culture of using reusable dishes and containers made from environmentally friendly materials.
- 2) Protection, restoration, and sustainable use of terrestrial and aquatic ecosystems related to the university: greening initiatives, plant protection, reduction of vehicle emissions, maximum reuse of water, and others.
- 3) Organization of research on the integration of accessible and clean energy into the university's infrastructure, ensuring that all renovations/new constructions comply with energy efficiency standards, and the use of environmentally friendly energy sources (such as solar panels, wind turbines, etc.).
- 4) Formation of a culture of responsible water consumption within the university and rational use of food products in university cafeterias.

5) Implementation of activities aimed at fostering a culture of careful and respectful attitudes among students and university staff toward flora and fauna, especially species listed in the IUCN Red List and national conservation registers.

On developing partnerships with regional and international organizations for the implementation of the Sustainable Development Goals (SDGs).

6. CONCLUSION

The Department of Strategy Development and Quality Assurance, together with other university units (according to the SDG profile), carries out monitoring of the implementation of this Policy.

The faculty and university staff undergo annual training on the Sustainable Development Goals.

The schools and competence centers conduct research activities aimed at the implementation of the SDGs (according to their profile).

The competence centers (by profile) develop an Action Plan on climate change mitigation.

The reporting periods for the implementation of the Program, Action Plan, and other activities related to this SDG Policy are six months and twelve months of the calendar year.

Amendments to the Policy are introduced as necessary, based on the results of the activities and development of the University.

7. EKTU IN RANKINGS

UI Green Metric World University Rankings – the university ranked 97th among more than 1,400 universities worldwide. This result reflects the university’s systematic work on improving energy efficiency, developing a green campus infrastructure, managing waste, implementing eco-friendly technologies, and expanding educational programs in the field of sustainable development.



Positions of EKTU in the UI GreenMetric Ranking over the past 5 years

THE Impact Rankings 2025

[Download](#)

OVERALL SCORE

52.4 out of 100

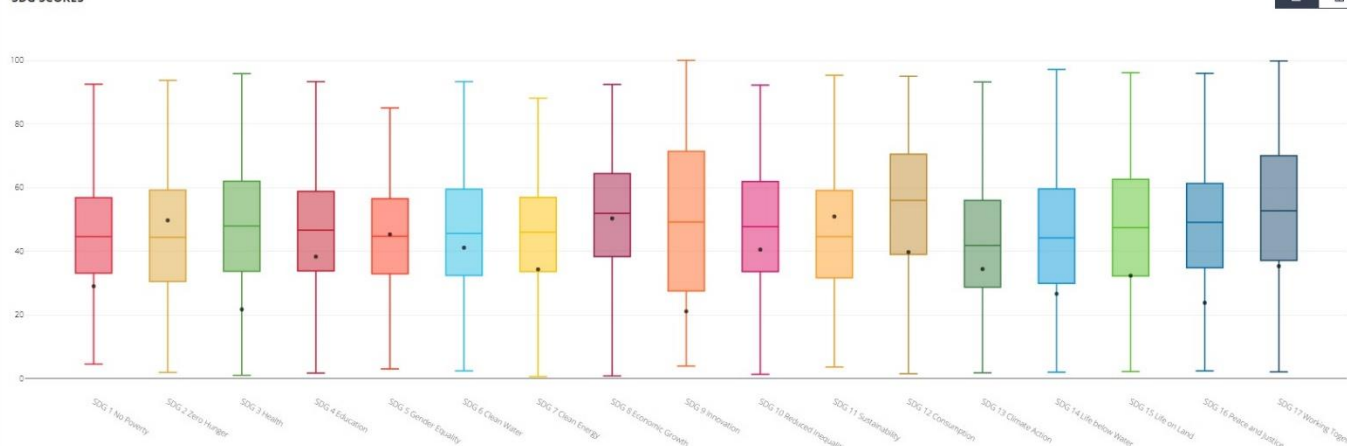
OVERALL RANK

1001–1500 out of 2318 institutions

SDG PARTICIPATED

17 out of 17 Sustainable Development Goals

SDG SCORES


[Rankings](#)
[Impact Rankings](#)
[Reputation Rankings](#)
[Interdisciplinary Science Rankings](#)
[Arab Rani](#)

1001–1500

D. Serikbayev
East
Kazakhstan
Technical
University
Kazakhstan

8 45.9–54.7

2 48.6–54.4

5 44.3–49.8

17 2.1–44.7
SDG Descriptions

Impact Ranking positions 2023 to 2025

2025
1001-1500th

2024
1001-1500th

2023
801-1000th

Times Higher Education Impact Rankings – EKTU was ranked in the 1001–1500 group of the world’s best universities assessed by their progress toward the United Nations Sustainable Development Goals (SDGs). This recognition highlights the university’s contribution to Quality Education (SDG 4), Sustainable Cities and Communities (SDG 11), Responsible Consumption and Production (SDG 12), and Partnerships for the Goals (SDG 17).



QS Stars is a rating system that helps you select the right university based on your interests. It provides a detailed look at an institution, identifying which universities rate highest in the specific topics that matter to you, like facilities, graduate employability, social responsibility, inclusiveness, and more.



Overall



Teaching
Employability
Environmental Impact



Global Engagement
Research
Specialist Criteria: Engineering -
Mineral & Mining
Facilities

In 2025, D. Serikbayev East Kazakhstan Technical University successfully passed the international certification within the QS Stars system, earning a high overall score of 4 Stars (Overall). This achievement confirms that the university meets international standards of quality and sustainable development, while demonstrating strong performance in several key areas:

- **Teaching – 5★** EKTU provides a high level of educational programs, teaching methodologies, and faculty qualifications.
- **Employability – 5★** Our graduates are highly sought after in the labor market, reflecting the university's strong ties with industry and employers.
- **Environmental Impact – 5★** The university is recognized as a leader in implementing green initiatives, projects to reduce its carbon footprint, and environmental monitoring.

The university has been recognized as a leader in the implementation of green initiatives, projects aimed at reducing the carbon footprint, and environmental monitoring. Thus, the QS Stars profile reflects EKTU's strategic priorities: strengthening existing advantages and carrying out systematic work on areas of growth. For the university, this achievement is not only an external recognition but also a planning tool within the framework of its sustainable development policy. This is a major achievement, highlighting EKTU's leadership in sustainability, green initiatives, and eco-projects. The university demonstrates very strong positions in teaching, graduate employability, and sustainable development.

#1001-1200

QS World University Rankings

#1351-1400

QS Sustainability Ranking

#17

Asian University Rankings -
Central Asia

#=288

Asian University Rankings



Chart

Data



2024

#901-950

2025

#951-1000

2026

#1001-1200

Ranking criteria

Academic Reputation

14.6

Citations per Faculty

1.4

Employment Outcomes

4.4

Employer Reputation

18.2

Faculty Student Ratio

75.9

International Faculty Ratio

23.7

International Research Network

5.2

International Student Diversity

9.5

International Student Ratio

5.5

Sustainability

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Table 1 – Strategic Development Program of NJSC “D. Serikbayev East Kazakhstan Technical University” for 2023–2029

								CDIO	CDIO
TARGET INDICATOR 2 Implementation of international Well-being practices.	Vice-Rector for SD	% satisfaction of teaching staff and students	78	79	80	81	82	83	84
TARGET INDICATOR 3 The University's position in the ratings on sustainable development Green Metric THE Impact	Rector, Vice-Rector for SD, Vice-Rector for AA, Vice-Rector for IC, Vice-Rector for S&I	ТОП	100 1000	95 1000	120-90 1000-1500	115-90 800-1000	115-85 800-1000	110-80 800-1000	105-80 800-1000
Task 1 Maintaining a modern management system at the level of world standards									
International ISO certification	Rector, Vice-Rector for SD, Vice-Rector for IC	Сертификат	ISO 9001 ISO 37001	ISO 9001 ISO 37001	ISO 9001 ISO 37001	ISO 9001 ISO 37001	ISO 9001 ISO 37001	ISO 9001 ISO 37001	ISO 9001 ISO 37001 ISO 37101
The proportion of EP who have passed the international specialized accreditation	Vice-Rector for SD	%	53	84	(at least 95%)	(at least 95%)	(at least 95%)	(at least 95%)	(at least 95%)
The share of Bachelor's degree programs implemented according to CDIO standards	Vice-Rector for AA	%	25	30	35	40	45	50	50