

M.Kh. Dulaty Taraz University



**POLICY OF TARAZ UNIVERSITY NAMED
AFTER M. H. DULATY IN THE FIELD OF
SUSTAINABLE DEVELOPMENT GOALS FOR
2026-2029**

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1. Introduction

Taraz University named after M. H. Dulaty is committed to the principles of sustainable development and the UN Sustainable Development Goals (SDGs). The university recognizes global challenges in today's world, including factors such as climate change, economic inequality, social issues, educational quality differences, environmental degradation, and the rapid pace of technological development. The university undertakes to solve these problems and implement the principles of sustainable development in practice.

This policy defines the main directions, strategic goals and actions for the effective and systematic integration of the Sustainable Development Goals for 2026-2029 into the University's activities. The policy aims to combine all the functions of the University in the fields of Education, Research, Innovation and social activities with the principles of sustainable development. This policy is aimed at creating a culture of sustainable development, developing a sense of conscious action and social responsibility among students, teachers, staff and other stakeholders of the University.

The policy covers the following areas:

- * Field of education: introducing the principles of sustainable development into curricula, developing new courses covering environmental and social topics, involving students in practical projects and research.

- * Research area: Ecology, Energy Efficiency, climate change research, sociological research, implementation of innovative projects, development of international scientific cooperation.

- * Social service: strengthening the social responsibility of the University, active cooperation with the community and local communities, organizing volunteer programs, youth and educational events for the community.

- * Environmental sustainability: equip the campus infrastructure with environmentally friendly technologies, save energy and water, reduce waste and implement recycling systems.

- * Formation of the consciousness of employees and Students: Organization of trainings and seminars on the goals of sustainable development, increasing the activity of students and employees, introducing the ideas of sustainable development into everyday practical activities.

The policy also ensures coordination between all faculties, departments, research centers, administrative services and student organizations of the university. The implementation of this policy is part of the University's long-term strategic development plan and includes specific and measurable activities aimed at achieving the Sustainable Development Goals in the period 2026-2029.

The university is committed to applying international experience, implementing innovative solutions and ensuring the active participation of employees and students at all levels to achieve the Sustainable Development Goals. Through this policy, the University improves the quality of its Educational, Scientific and social activities, strengthens its responsibility to society and strengthens its position as one of the leading educational institutions of sustainable development in Kazakhstan.

2. PURPOSE AND OBJECTIVES OF THE POLICY

Purpose: systematic implementation of the principles of sustainable development in the educational, research, innovative and administrative activities of the University. This goal is aimed at the long-term strategic development of the University and improving the quality of education in accordance with international standards, improving the quality of scientific research and strengthening social responsibility. The university strives to combine the principles of sustainable development in the educational process, research activities, administrative management and life experience of students, to form the consciousness of students and employees, to develop social and environmental responsibility.

Responsibilities:

- * Implementation of Sustainable Development Goals in curricula and research: the University develops courses and programs covering sustainable development topics in all faculties and departments. These courses are designed to educate students about environmental sustainability, social responsibility, economic equality and innovative solutions. In scientific research, financing of projects in the direction of sustainable development, the development of international grants and cooperation, and the application of research results in practice are considered.
- * Increasing the environmental responsibility of the university: activities are carried out on the University campus to save energy, water and other resources, recycle waste, and develop green infrastructure. Environmental projects and programs encourage students and staff to take an active part, aimed at creating conservation and environmental knowledge.
- * Training of highly qualified specialists who are prone to global challenges: educational programs aimed at adapting students to modern world economic, social and environmental problems, developing analytical thinking, innovative decision-making and project management skills will be introduced. In addition, conditions will be created for students and young scientists to undergo international practice, participate in scientific and social projects.
- * Ensuring efficiency and transparency of management: the university administration applies the principles of transparency in the management process, providing employees and students with the opportunity to participate in the decision-making process. Annual reporting, monitoring and organization of external audits on the achievement of Sustainable Development Goals are provided.
- * Formation of a culture of sustainable development among students and employees: the University organizes trainings, seminars, volunteer programs and project work to form a culture of sustainable development. To stimulate the activity of students and employees, a system of competitions, prizes and awards will be introduced. This direction ensures the conscious participation of each university member in the Sustainable Development Goals.
- * Development of cooperation with local and international partners: the University actively cooperates with organizations, non-governmental organizations, educational and scientific institutions aimed at realizing the goals of Sustainable Development at the regional, national and international levels. Through joint projects, research, student exchange programs and practical activities, the University ensures the application of international experience and best practices. These tasks are aimed at the full implementation of the University's Sustainable Development Policy and will allow for the continuous development of Educational, Scientific and social activities of the University from 2026 to 2029. In addition, these tasks are aligned with the strategic goals of the University and the 17 main areas of the SDGs and are implemented on the basis of specific activities and indicators for each faculty and Department.

3. BASIC PRINCIPLES AND APPROACHES

In the implementation of the policy of sustainable development of Taraz University named after M. H. Dulaty, the following basic principles and approaches are guided:

- * Complexity: all university services, including educational, research, administrative, social and environmental services, are coordinated as a single system. This approach ensures that each faculty and Department integrates aspects of sustainable development in their activities, as well as makes it possible to effectively use all resources to achieve the strategic goals of the University.
- * Transparency: the University publishes annual reports on the achievement of the Sustainable Development Goals and provides information openly to employees and students. The principle of

transparency is aimed at involving all stakeholders in the decision-making process, monitoring the actions of the University and increasing its responsibility to society.

* **Innovation:** the use of new technologies, modern methodologies, digital tools and research methods in educational and research processes. This will allow students to develop practical skills, improve the quality of scientific research and implement innovative projects.

* **Inclusive:** all members of the University, including students, teachers, staff and representatives of the local community, are actively involved in sustainable development initiatives. This principle aims to strengthen participation in culture and society at the university by taking into account different opinions, ensuring equality and access to opportunities.

* **Consistency:** strategic planning and constant monitoring are necessary to implement the Sustainable Development Policy. Planning, monitoring the implementation and analyzing the results of activities at all levels of the university allows us to effectively achieve the Sustainable Development Goals.

* **Orientation to the result:** clearly measurable indicators (KPIs) are introduced in all areas of the University. These indicators make it possible to assess progress in education, science, social and environmental activities and direct policy towards achieving specific results.

* **Continuous improvement:** continuous analysis, evaluation and improvement are carried out in all aspects of the University's activities. This approach allows you to improve quality, introduce new practices and innovations in the process of achieving sustainable development goals.

* **Social responsibility:** the University is guided by social responsibility in the course of its activities. The contribution of students and staff to society, participation in environmental and social initiatives are key indicators of Sustainable Development Policy.

* **Application of international standards and experience:** the University improves educational and research activities taking into account international standards and best practices in the field of sustainable development. This will develop international cooperation, improve the quality of education and strengthen the University's position in the international ranking.

These principles and approaches clarify the main directions of implementation of the University's Sustainable Development Policy and allow it to be systematically implemented in all areas of activity.

№	Ways to integrate SDGs into university activities	Ways to integrate SDGs into university activities
1	SDG 3" health and well-being " health programs for students and employees, ensuring occupational safety conditions	SDG 3" health and well-being " health programs for students and employees, ensuring occupational safety conditions
2	SDG 4" Quality Education " introduction of courses on Sustainable Development, professional development of teachers	SDG 4" Quality Education " introduction of courses on Sustainable Development, professional development of teachers

3	SDG 6" Clean Water and sanitation " efficient use of Water Resources, energy saving systems	SDG 6" Clean Water and sanitation " efficient use of Water Resources, energy saving systems
4	SDG SDG 8 "Dear labor and economic growth" preparation of students ready for the modern labor market, entrepreneurial initiatives	SDG SDG 8 "Dear labor and economic growth" preparation of students ready for the modern labor market, entrepreneurial initiatives
5	SDG 12 "efficient consumption and production" environmentally friendly procurement, waste processing, economical use of resources	SDG 12 "efficient consumption and production" environmentally friendly procurement, waste processing, economical use of resources
6	SDG" response to climate change "reduction of the University's carbon footprint, introduction of "green" infrastructure	SDG" response to climate change "reduction of the University's carbon footprint, introduction of "green" infrastructure

4. RELATIONSHIP TO THE UN SUSTAINABLE DEVELOPMENT GOALS

In the implementation of its Sustainable Development Policy, Taraz University named after M. H. Dulaty is based on the UN Sustainable Development Goals (SDGs). All educational, scientific, social and environmental initiatives of the University are coordinated with the SDGs and are aimed at forming the consciousness of students and employees, making a real contribution to society.

The influence of the SDGs on university policy:

- * SDG 3 "health and well-being": implementation of programs to protect the physical and psychological health of students and employees. This is done through sports activities, psychological support services, medical supervision and ensuring safe working conditions.
- * SDG 4 "quality education": updating curricula on sustainable development topics, developing new courses, stimulating research work of students. At the same time, professional development of teachers, the introduction of modern pedagogical methods correspond to the quality education policy of the University.
- * SDG 6 "Clean Water and sanitation": providing the campus with environmentally friendly water, improving sanitary conditions, efficient use of resources. Water conservation and waste reduction projects are aimed at supporting the Sustainable Development Goals.
- * SDG 7 "clean energy sources": introduction of energy-saving technologies and renewable energy sources on the University campus, improvement of energy efficiency. These measures strengthen the environmental responsibility of the University.
- * SDG 8 "Dear labor and economic growth": preparing students for the modern labor market, developing entrepreneurship and innovation. The University contributes to economic development by training young professionals with high qualifications.
- * SDG 11 " Sustainable Cities and communities": designing the University campus infrastructure on the principles of sustainable development, creating a safe, inclusive and environmentally friendly environment. Formation of a stable culture of students and employees in society.
- * SDG 12 "efficient consumption and production": introduction of a policy of environmentally friendly procurement, waste reduction and Recycling, Resource Conservation at the University. These measures are aimed at supporting the principles of sustainable production and consumption.
- * SDG 13" response to climate change": reducing the carbon footprint of the campus, developing green infrastructure, implementing environmental projects. These measures ensure adaptation to climatic changes and environmental sustainability.

* SDG 17 "international cooperation": the University, together with international organizations and Partners, holds conferences on research projects, student exchange programs and sustainable development topics. This allows you to apply international experience and best practices

5. STRATEGIC DIRECTIONS AND PRIORITIES

Five main strategic directions and priorities have been identified in the implementation of the sustainable development policy of M. H. Dulaty Taraz University. Each area includes specific activities and goals aimed at the systematic development of educational, scientific, social and environmental activities of the university.

1. Education and upbringing – the university provides students with theoretical and practical knowledge by introducing sustainable development topics into curricula. It teaches students to put the principles of sustainable development into practice through practical projects, research work and involvement in social initiatives. In addition, priority is given to the development of students' analytical thinking skills, innovative decision-making and project management skills.

2. research and innovation – the university supports research projects on Sustainable Development, Ecology, Energy Efficiency, climate change and Social Research. The results of scientific research will be focused on innovative solutions used in practice, international projects and student research work. This area will enhance the scientific potential of the university and allow it to become internationally renowned.

3. Social Responsibility and partnership – the university actively cooperates with the local community, enterprises and non-governmental organizations. Allows you to increase the social responsibility of students and employees through joint projects, volunteer programs, public events. In addition, the University contributes to the sustainable development of society and provides support for social initiatives.

4. environmental sustainability – the University ensures environmental sustainability by equipping the campus infrastructure with environmentally friendly technologies, saving energy and water, reducing waste and implementing recycling measures. The implementation of green infrastructure and environmental projects creates a conscious participation of students and staff in the environment.

5. Personnel Management and development – professional development of university employees, aimed at achieving the Sustainable Development Goals through the implementation of ESG (*environmental, social and managerial*) principles. This direction ensures the professional development of employees, the ability to make innovative decisions and participate in the implementation of the strategic goals of the University.

These strategic directions and priorities make it possible to systematically implement the University's Sustainable Development Policy at all levels, ensure the active participation of students and staff, and implement practical activities aimed at making a real contribution to society.

Table 1: priority areas and expected results

№	Direction main events expected result	Direction main events expected result	Direction main events expected result
1	Education sustainable development courses, student projects 100% student participates in SDG programs	Education sustainable development courses, student projects 100% student participates in SDG programs	Education sustainable development courses, student projects 100% student participates in SDG programs
2	Science research grants 10 scientific articles annually	Science research grants 10 scientific articles annually	Science research grants 10 scientific articles annually

3	Partnership with social responsibility NFI 5 joint projects annually	Partnership with social responsibility NFI 5 joint projects annually	Partnership with social responsibility NFI 5 joint projects annually
4	Ecology energy saving, waste recycling 15% reduction in energy consumption by 2029	Ecology energy saving, waste recycling 15% reduction in energy consumption by 2029	Ecology energy saving, waste recycling 15% reduction in energy consumption by 2029
5	Employee training training 80% of employees have been trained	Employee training training 80% of employees have been trained	Employee training training 80% of employees have been trained

6. IMPLEMENTATION PLAN (2026-2029)

- 2026: development of training courses, creation of working groups, launch of pilot projects.
- 2027: implementation of educational programs, first scientific publications, monitoring of effectiveness.
- 2028: expanding partnerships, implementing ESG practices, auditing.
- 2029: full reporting, strategy adjustment, preparation for the next policy.

Figure 2: implementation graph for 2026-2029 (diagram by Ganta)

№	Year period name Main Events expected result (KPIs)	Year period name Main Events expected result (KPIs)	Year period name Main Events expected result (KPIs)	Year period name Main Events expected result (KPIs)
1	2026 БАҚТАҢ start (Start-up) • development of 5 new training courses	2026 БАҚТАҢ start (Start-up) • development of 5 new training courses	2026 БАҚТАҢ start (Start-up) • development of 5 new training courses	2026 БАҚТАҢ start (Start-up) • development of 5 new training courses
2	* Creation of 2 Expert Working Groups	* Creation of 2 Expert Working Groups	* Creation of 2 Expert Working Groups	* Creation of 2 Expert Working Groups
3	* Launch of pilot projects 100% developed training materials and initial test results.	* Launch of pilot projects 100% developed training materials and initial test results.	* Launch of pilot projects 100% developed training materials and initial test results.	* Launch of pilot projects 100% developed training materials and initial test results.
4	2027 ЕНГІЗІМ implementation (Execution) * integration of EP programs	2027 ЕНГІЗІМ implementation (Execution) * integration of EP programs	2027 ЕНГІЗІМ implementation (Execution) * integration of EP programs	2027 ЕНГІЗІМ implementation (Execution) * integration of EP programs

7. MONITORING AND PERFORMANCE ASSESSMENT

- * Annual SDGs report.
- * KPI in each direction (education, science, ecology, social activities).
- * External audit every two years.

Table 2: SDGs monitoring KPI

Direction indicator target for 2029	Direction indicator target for 2029	Direction indicator target for 2029
Percentage of students who have completed education SDG courses 100%	Percentage of students who have completed education SDG courses 100%	Percentage of students who have completed education SDG courses 100%
Number of publications on science SDGs 40	Number of publications on science SDGs 40	Number of publications on science SDGs 40
Ecology reducing energy consumption -15%	Ecology reducing energy consumption -15%	Ecology reducing energy consumption -15%
Number of social activities implemented projects 20	Number of social activities implemented projects 20	Number of social activities implemented projects 20

8. EDUCATIONAL AND SCIENTIFIC INITIATIVES

Taraz University named after M. H. Dulaty comprehensively implements educational and scientific initiatives to achieve the goals of sustainable development. This direction is aimed at combining theoretical knowledge of students with practical experience, developing scientific research and increasing social responsibility.

* **Multidisciplinary courses on Sustainable Development:** the University introduces sustainable development topics in its educational programs. These courses cover topics such as ecology, Social Responsibility, economic equality, energy efficiency and innovation. The courses allow students to understand modern world problems, offer practical solutions and manage projects.

* **Research grants and conferences:** the university offers domestic and international grants to support research in the field of Sustainable Development. In addition, scientific conferences, seminars and 3 round tables are organized, where students and teachers exchange experience and present the results of their research.

* **Student projects and public initiatives:** involving students in projects for Sustainable Development Goals is one of the main priorities of the University. Volunteer programs, social projects, environmental initiatives and innovative ideas allow students to develop practical skills.

* **Interdisciplinary research, practice platforms:** the University supports interdisciplinary research involving various faculties and departments. The practice platforms allow students and researchers to carry out research projects, test innovative solutions and achieve real practical results. This approach contributes to the fact that students gain in-depth knowledge in their field and form an integrated approach to the problems of sustainable development.

* **Additional features:** the University expands educational and scientific initiatives through the introduction of online courses, webinars, research centers and international experience exchange programs. In addition, students and staff are supported to create scientific publications, obtain patents and implement innovative projects.

These measures form a comprehensive system of educational and scientific initiatives aimed at achieving the goals of sustainable development of the University, improving the professional level of students and staff, and making a real contribution to society.

9. INTERACTION WITH PARTNERS AND THE PUBLIC

Taraz University named after M. H. Dulaty provides active interaction with local, national and international partners to achieve the Sustainable Development Goals. This direction makes it possible to increase the social responsibility of the university, develop the practical skills of students and staff, and make a real contribution to society.

* Regional authorities and enterprises: the University implements social, environmental and economic projects together with the local akimat, government agencies and enterprises. This partnership contributes to the solution of regional development problems, the acquisition of experience by students and young scientists.

* International organizations for Sustainable Development: the university establishes partnerships with the UN, International Educational and scientific organizations. By participating in international projects and programs, students and teachers gain international experience, Learn to apply best practices.

* Non-governmental organizations and civil society initiatives: The University, together with non-governmental organizations and civil society initiatives, implements environmental actions, social projects and volunteer programs. This increases the social responsibility of students and employees and creates an active civic position.

* Exchange of experience with university partners: exchange of experience with local and international partners allows you to improve the Educational, Scientific and social initiatives of the University. Innovative experience is disseminated through joint projects, trainings, research programs.

* Organization of joint conferences and round tables: the University brings together all stakeholders by holding conferences, seminars, round tables on the topic of sustainable development. These measures contribute to the professional development of students and employees, the expansion of international experience and knowledge.

* Constant communication with the public: the University maintains constant communication with the public through social networks, information portals and public events. This will increase the participation of citizens in the topics of sustainable development and will make it possible to demonstrate the social responsibility of the University.

These activities ensure effective interaction with partners and the public in implementing the University's Sustainable Development Policy, and support social and environmental initiatives.

10. RISKS AND MEASURES TO REDUCE THEM

Taraz University named after M. H. Dulaty takes into account various risks in the implementation of the Sustainable Development Policy and takes specific measures to effectively manage them. Below are the main risks and ways to reduce them:

№	Risk reduction measures supplement / comment	Risk reduction measures supplement / comment	Risk reduction measures supplement / comment
1	Financial scarcity to ensure financial stability through external grants, participation in partnership International and local grants, development of cooperation with corporate and government partners, efficient use of the budget and	Financial scarcity to ensure financial stability through external grants, participation in partnership International and local grants, development of cooperation with corporate and government partners, efficient use of the budget and	Financial scarcity to ensure financial stability through external grants, participation in partnership International and local grants, development of cooperation with corporate and government partners, efficient use of the budget and

	planning of investment projects.	planning of investment projects.	planning of investment projects.
2	Low interest of employees trainings, motivational programs increase the activity of employees by improving the skills of employees in sustainable development, organizing professional development courses, introducing internal motivation programs and a system of awards.	Low interest of employees trainings, motivational programs increase the activity of employees by improving the skills of employees in sustainable development, organizing professional development courses, introducing internal motivation programs and a system of awards.	Low interest of employees trainings, motivational programs increase the activity of employees by improving the skills of employees in sustainable development, organizing professional development courses, introducing internal motivation programs and a system of awards.
3	Lagging behind educational standards revision of courses, accreditation improving the quality of education by constantly updating curricula and bringing them in line with international and national standards, conducting the accreditation process, introducing modern pedagogical methods.	Lagging behind educational standards revision of courses, accreditation improving the quality of education by constantly updating curricula and bringing them in line with international and national standards, conducting the accreditation process, introducing modern pedagogical methods.	Lagging behind educational standards revision of courses, accreditation improving the quality of education by constantly updating curricula and bringing them in line with international and national standards, conducting the accreditation process, introducing modern pedagogical methods.
4	Environmental disasters disaster preparedness plan, sustainable audit reduce environmental risks by preparing campus infrastructure for disaster, implementing safety measures, conducting sustainable environmental audits, and developing prevention and response plans.	Environmental disasters disaster preparedness plan, sustainable audit reduce environmental risks by preparing campus infrastructure for disaster, implementing safety measures, conducting sustainable environmental audits, and developing prevention and response plans.	Environmental disasters disaster preparedness plan, sustainable audit reduce environmental risks by preparing campus infrastructure for disaster, implementing safety measures, conducting sustainable environmental audits, and developing prevention and response plans.
5	Resistance to change communication campaigns, engagement of leaders inform university staff and students about policy changes, information campaigns, facilitate acceptance of changes and reduce resistance through the involvement of leaders and stakeholders.	Resistance to change communication campaigns, engagement of leaders inform university staff and students about policy changes, information campaigns, facilitate acceptance of changes and reduce resistance through the involvement of leaders and stakeholders.	Resistance to change communication campaigns, engagement of leaders inform university staff and students about policy changes, information campaigns, facilitate acceptance of changes and reduce resistance through the involvement of leaders and stakeholders.

This table reflects the strategic vision of the University in implementing the policy of systematic risk management and sustainable development. For each risk, preventive, control and corrective measures are established, which will ensure the effective achievement of the University's Sustainable Development Goals.

11. CONCLUSION

This policy defines a long-term strategy for the implementation of the University's Sustainable Development Goals for 2026-2029. The University ensures the systematic implementation of the

principles of sustainable development in Educational, Research, social and environmental activities.

The university is guided by the involvement of all participants, including students, teachers, staff, the local community and international partners. This participation is carried out at all levels through active dialogue, joint projects, trainings, seminars and volunteer programs.

To assess the effectiveness of the policy, specific measurable indicators (KPIs) are introduced, among which the quality of education, the number of scientific publications, the results of environmental projects, the impact of social initiatives and achievements in partnership projects are considered. Every year, monitoring is carried out, the results are analyzed, and, if necessary, adjustments are made to the policy.

In addition, the university strives to introduce innovative approaches using best practices, international standards and new technologies in achieving the Sustainable Development Goals. This approach will strengthen the leadership role of the University in the field of sustainable development and create best practices in the higher education system in Kazakhstan.

Through this policy, the University ensures the implementation of the principles of sustainable development in the long term in all areas of activity, forms the consciousness of all stakeholders and makes a real contribution to society.