



Action plan of the Concept for the implementation of the 17 UN Sustainable Development Goals at the SKU named after M. Auezov for 2025-2029

Goals	Main task	Science	Education	Social issues	Deadlines
 <p>1 NO POVERTY</p>	<p>To inform and inform the university about the adoption of goals Sustainable development, contribute to the fight against poverty.</p>	<p>To support student research on financial literacy, opportunities and incentives to increase household income.</p>	<p>To offer training programs dedicated to sustainable development issues.</p>	<p>Development of cooperation with local or regional authorities in the implementation of specific programs to support socially vulnerable families; -Organization of charity fairs, creation of funds to help orphaned and disabled students Dysfunctional families, patronage of orphanages.</p>	<p>2025-2026 2025-2029</p>
 <p>2 ZERO HUNGER</p>	<p>Eliminating hunger and ensuring food security. By 2030, ensure access to safe and sufficient food.</p>	<p>To support research in the field of agricultural technologies and animal husbandry, using resource-saving technologies</p>	<p>Carrying Specialized courses and the introduction of curatorial hours on improving food security into the plans.</p>	<p>-Purchase of local food products for the university canteen; -Implementation of social packages for students by attracting investments</p>	<p>2025-2029</p>

3 GOOD HEALTH AND WELL-BEING



Development of an action plan to improve the quality of service and food consumed at the university

Development Organization of student educational excursions and short courses in institutes, centers on ecology, nutrition, and health

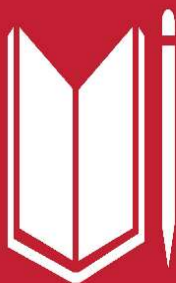
- The use of environmentally friendly cleaning products;
-Maintenance(if necessary)special sanitary and epidemiological regime in the context of a pandemic

-Involvement in the activities of youth organizations, student self-government and collegiate university management bodies, participation in sports clubs for the formation of a healthy lifestyle.
-Holding a day of free admission of specialized specialists for university students

2025-2029

2025-2029

4 QUALITY EDUCATION



Providing high-quality education that meets the needs of the economy and regional peculiarities, which guarantees success in the professional environment and in society.

By 2027, the university plans to enter the TOP 400 in the international QS ranking;
-Defense of master's and doctoral theses.
-Preparation of textbooks and teaching aids published under the stamp of the Ministry of Education and Science of the Republic of Kazakhstan.

-Improvement of all university indicators.
-The introduction of the UN SDGs in the education system at all levels of education.
-At all levels of education, it is planned to implement the possibility of acquiring microqualification, taking into account the results of nano-training (Nanodegree),
-The university will switch to a model of "SMART universities" with a digital ecosystem

-Holding National and International Olympiads in the university's core disciplines;
-digital transformation of libraries and their systems, the use of open education platforms in the overall process (OpenUniversity, Coursera, etc.)
-Holding an open day

2025-2029

2025-2029

5 GENDER EQUALITY



Empower women and girls in all areas of education, employment, etc.

To introduce topics on gender development and equality in Kazakhstan into the curatorial hours plan.

Creation of social centers in cooperation with local government agencies to address youth issues

2025-2029

6 CLEAN WATER AND SANITATION



To increase the efficiency of water use through the development of innovative technologies and increasing the share reusable water for drinking, technological and agricultural needs.

Inclusion of relevant topics in research topic and educational progress

Ensuring economical use of drinking water, installation constraints and incentive use of water flow management system;

Creating awareness and educating the university community about the importance of environmental protection and sustainable behavior.

2025-2029

7 AFFORDABLE AND CLEAN ENERGY



To ensure the growth of the use of energy-saving equipment, technologies, and alternative energy sources.

-Research of teaching staff and students on green energy and resource conservation.
--to develop a Development Strategy to achieve carbon neutrality of the Republic of Kazakhstan, taking into account global climate trends;

- Student support technological Bureau (hereinafter – STB)"alternative energy systems", "mechanic""Automobilist", "Biotechnics"

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Inclusion of relevant topics in their search methodology and educational process;
-Introduce topics on waste reduction, reuse, recycling and composting into the curatorial hours plan in order to reduce waste sent to landfills;
-Exploring the possibilities of using geothermal and biomass energy

-Organization and effective cooperation with nearby plastic waste collection points and small business recycling enterprises;
-Organization of waste paper and plastic bottles collection in university buildings;
-Saving paper, development of electronic means of communication, transition to paperless office work;
-Encouraging the use of energy-efficient household appliances and electronics;
-Cooperation with local utilities for the purchase of renewable energy

2025-2029

8 DECENT WORK AND ECONOMIC GROWTH



Promote job creation and career growth for graduates. To increase employers' satisfaction with the quality of staff training

Maintenance of student technology bureaus (hereinafter – STB) "Мұнайшы", "Құрылыс материалдары", "Технолог",

Building the university's current activities on the principles of sustainable management of infrastructure and the environment.
Improving existing and opening new PLOS, taking into account the Atlas of new Professions.

Creation of centers in cooperation with government agencies to promote sustainability, organize educational events and practical projects.

2025-2029

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



To promote a new national policy of sustainable development, a policy of sustainable growth to promote projects and processes focused on the closed-loop economy

- In the field of development "Chemical technology of complex processing of mineral and man-made raw materials. Nanotechnology and nanomaterials "it is planned to create a base of raw materials for chemical enterprises;
- Holding the International Annual Scientific and Practical Conference "Auezov Readings"
- Holding the International Annual Scientific and Practical Conference "ICITE"

- Organization of sustainable development events at the University;
- It is planned to ensure a high level of practice-oriented programs through the creation of branches of departments at specialized enterprises.
- Stable functioning of the student eco-club, constant interaction and work with the club's assets on the organization and holding of the above-mentioned events, development of instructions for students on the organization of environmental events and flash mobs at the university.

- Development of mutually beneficial cooperation with local enterprises and support for entrepreneurial initiatives aimed at sustainable development, organization of university students' practice in organizations guided by the principles of sustainable development;
- By2027, new dual educational programs will be developed in the field of construction and building materials technology, in the field of education, and in the field of services.

2025-2028

2025-2027

10 REDUCED INEQUALITIES



To inform the university about the adoption of the Sustainable Development Goals formulated by the United Nations, to declare the university's commitment to the principles of sustainable development, and their implementation in all university activities.

In order to stimulate student research on the topic of sustainable development, hold a seminar

Introduce a theme for providing comprehensive assistance to vulnerable segments of the population into the curatorial hours plan.

To take into account the objectives of sustainable development when adjusting the content of strategic and long-term program documents of the university;

2025-2029

11 SUSTAINABLE CITIES AND COMMUNITIES



Increase the resilience and safety of cities, reduce the negative environmental impact of urbanization.

-To support research in the field of urban improvement.
-To encourage the development of cooperation between universities and cities, spreading social innovations throughout the territory and providing cultural incentives for the entire system of the country;

Participation and implementation of projects on this topic.
Inclusion of relevant topics in research and educational process;

-Participation in urban beautification and landscaping events;
-Involvement in university events and initiatives of residents and organizations of the region and especially the territory adjacent to the university
-Implementation of projects for the introduction of innovative achievements in the agro-industrial complex of Shymkent,
-Development of a concept for the development of the A. Askarov Arboretum Park in Shymkent.

2025-2029

2025-2026

12 RESPONSIBLE CONSUMPTION AND PRODUCTION



By 2030, achieve rational development efficient use of natural resources, and reduction of waste recycling.

In the field of industrial biological it is planned to develop environmentally friendly technologies biodegradation technologies of industrial household waste and biological treatment of industrial waste water;

To hold subject Olympiads between universities of Kazakhstan.
 -It is planned to create a testing research laboratory "Modern structural materials of the collective for use by university scientists, construction companies, and academic institutes for the development of innovative technologies in the field of binders, ceramics, glass, glass crystals and composite materials.

-Offer training programs dedicated to the issues of sustainable development of an enterprise, industry, region, country;
 -Development of the infrastructure of university departments— university student of business incubator and technology park where students and teaching staff will be able to realize their entrepreneurial initiatives in the field of high technologies
 -Development of scientific roadmaps- technological development for the development of priority areas of science with reference to regional strategic sectors of the economy

2025-2028

13 CLIMATE ACTION



Improve education, and dissemination of information the effects of climate change. against all climate risks

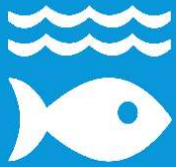
Encouraging research and development in the field of the "green" economy.

-Organization of sustainable development events at the university;
 Stable functioning student eco-club, constant interaction and work with the club's assets on the organization and holding of the above mentioned events

-Organization of round tables, discussions, scientific, theoretical and practical conferences on topical issues of sustainable development.
 -The ability to adapt to dangerous climatic phenomena.

2025-2029

14 LIFE BELOW WATER



Monitoring and conservation of water bodies in the Southern region of Kazakhstan.

Expansion of the existing club "Ecologist" and the creation of a service for the systematization and coordination of the university's activities in the field of sustainable development.

Scientific projects to study the dynamics of changes in the flood plain ecosystems of the Syrdarya River in the context of climate change.

Inclusion of examples, cases, situational tasks on the topic of sustainable development of aquatic ecosystems in university academic disciplines;

2025-2029

15 LIFE ON LAND



Conservation of ecosystems and their biodiversity.

Expansion of the existing club EcoFirst and the creation of a service for systematization and coordination of activities university in the field of sustainable development.

Posting information about the university's activities in the field of sustainable development, announcements of ongoing events on the university's website

Updating the topics of students' final papers to include sections on environmental protection and sustainable development.

2025-2029

16 PEACE, JUSTICE AND STRONG INSTITUTIONS



Promote building a peaceful and open society among students.

To study the successful work experience of domestic and foreign universities in order to use best practices in the University's sustainable development policy;

To harmonize institutions and activities and improve the management of environmental and social aspects, as well as constant monitoring of the status of sustainable development of universities.

In the future, to initiate the creation of a regional Association of universities for sustainable development, to spread the culture and best practices of sustainable development among universities in the region

2025-2029

17 PARTNERSHIPS FOR THE GOALS



Participation in existing national and international organizations that promote them and develop the principles of sustainable development in order to effectively share experiences in the field of sustainable development.

To explore the possibilities and conditions for joining national and international associations and networks of interuniversity cooperation on sustainable development. Studying successful international and domestic practices of sustainable university development

- Share common actions and best practices, simplifying the way for all universities, research and educational institutions;
- In order to develop international collaboration, increase the number of scientific internships for scientists in Europe, Turkey, and the CIS, which will improve the level and quality of research, foreign language proficiency, and publication activity.
- Promotion of dialogue initiatives with economic entities through technology transfer offices, incubator services and by-products.

Support and development of the Scout movement in Kazakhstan;
 -Within the framework of international positioning and to expand the export opportunities of the university, it is planned to use the potential of the university's branch in technical areas of training in the Republic of Uzbekistan(c. Chirchik).

2025-2029

2025-2029