



POLICY

for sustainable
development

**KARAGANDA MEDICAL
UNIVERSITY**

2023



Introduction

Basic principles of sustainable development of NC JSC "Karaganda Medical University" in accordance with the best international standards are approved in the Corporate Governance Code of the University (Order of the Minister of Health no. 642 dated 19.11.2019). NC JSC "KMU" realizes the importance of its impact on the economy, environment and society, and adopts an approach of responsible, thought-out and efficient interaction with stakeholders for its sustainable development. Sustainable development of the university in accordance with ESG standards consists of three components: governance, environmental and social.



In addition, special attention is given to the achievement of sustainable development goals, identified in the UN General Assembly resolution "Transforming our World: The 2030 Agenda for Sustainable Development".

The university is building a management system in the field of sustainable development, which includes, among other things, the following elements:

- commitment to the principles of sustainable development at the level of the Board of Directors, Management Board, faculty, staff and students; analysis of the internal and external situation in three components (governance, environmental, social issues);
- defining sustainable development goals and indicators, development of an action plan and identifying responsible persons;
- integrating sustainable development into key processes, including risk management, planning, human resource management, investment, reporting, operations and others, as well as into development strategy and decision-making processes;
- regular monitoring and evaluation of sustainable development activities, assessing the achievement of goals and indicators, taking corrective measures, and implementing a culture of continuous improvement;
- training of students and employees in the field of sustainable development.

University administration promotes the active involvement of employees and students into sustainable development, shaping their understanding and commitment to sustainable development principles, cultural and behavioral changes required to their activities and responsibilities.

Key principles and values

University staff and students play an important role in the Policy for Sustainable Development of NC JSC "KMU". We strive to achieve a balance between economic wealth, social security and the conservation of natural resources and the environment.

The University uses all its research, educational, social and spiritual potential to study and disseminate the principles and experience of sustainable development, including "green" initiatives.

We are committed to developing and implementing a plan of measures to implement our Policy for Sustainable Development.

The sustainable development model includes a dynamic and systematic approach focusing on five main areas to create a comfortable university environment that stimulates the creativity of all members of the university community:

- 1 Ensuring quality education
- 2 Caring for the health and well-being of students, faculty, staff and the populations served in the University hospitals and clinics
- 3 Developing a corporate culture of sustainable development (inclusive educational environment, decent work and economic growth, responsible consumption, sustainable infrastructure)
- 4 Research and transdisciplinary education to support sustainable development goals
- 5 Partnerships for sustainable development on international, national and regional levels

Within these five areas, the university realizes its sustainability goals focusing predominantly on five UN SDGs:



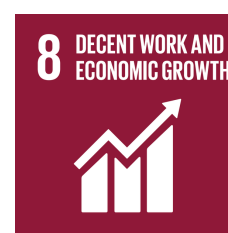
Areas of sustainable development

Governance

The governance component plays a crucial role in guiding the university's activities towards sustainable growth, considering the interests of all stakeholders, fostering operational efficiency, investing in cutting-edge technologies, and promoting increased productivity.

The following activities will be implemented to develop this area:

- Incorporation of gender equality policies into the university strategic documents that will help eliminate gender-based discrimination and increase women's participation in management and research
- Development and implementation of economic policies aimed at creating jobs, stimulating economic growth, increasing labour productivity, ensuring decent wages for employees in accordance with the principles of sustainable development
- Supporting innovation and development of new technologies in medicine and health care, creating partnerships with industry to foster innovation and providing access to infrastructure and resources for innovators
- Implement measures for sustainable campus development and sustainable infrastructure, as well as making educational and administrative buildings accessible and secure for all students, teachers and staff



Areas of sustainable development

Governance

- Embracing sustainable procurement principles, such as giving preference to low-carbon materials, sustainable sources, and fair trade; help reduce resource and energy consumption by improving resource efficiency and implementing recycling and waste management practices; promote sustainable consumption practices among university students and employees
- Developing and implementing a strategy to reduce greenhouse gas emissions from university operations, including building energy efficiency, use of renewable energy, and encouraging participation in an emissions reduction program; integrate curricula and research to understand and address climate change and its impacts; disseminate information and conduct climate change awareness activities to students, staff, and the general public
- Promoting the principles of peace and non-violence within the academic community; promoting free expression, dialogue and openness within the academic environment; upholding professional ethics in medical practice, research and teaching; ensuring transparency of university operations, including financial reporting, decision-making and management processes
- Participate in partnerships and networks related to sustainable development to share knowledge, transfer best practices and collaborate with other organizations and institutions; engage in a dialogue with government bodies, non-governmental organizations and community on sustainable development issues; support and develop active participation of students, faculty and staff in initiatives and projects related to sustainable development



Areas of sustainable development

Environment

The environment component ensures minimization of impact on biological and physical natural systems, optimal use of limited resources, application of environmentally friendly, energy- and material-saving technologies, creation of environmentally acceptable products, minimization, recycling and destruction of waste.

The following activities will be implemented to develop this area:

- Rational use of water resources at the university, including reducing water consumption, installing off-grid water supply systems and ensuring access to clean drinking water for all members of the university community; promoting educational programs and conducting research on the conservation and availability of clean water resources
- Application of energy-efficient solutions in university buildings, such as energy-efficient lighting, automation and energy control systems; use of renewable energy sources to supply electricity to buildings and classrooms; industrial modernization of university facilities to reduce greenhouse gas emissions and improve energy efficiency
- Implementing green and sustainable building projects, including the use of environmentally friendly materials and energy-efficient technologies in the construction and renovation of university buildings and facilities



Areas of sustainable development

Environment

- Application of sustainable urban planning and design principles in the development of the university campus, including the creation of recreational spaces and green areas
- Implementation of sustainable waste management practices at the university, including separate collection and recycling of waste, use of environmentally friendly materials and products in research and medical practice; priority cooperation with suppliers that take measures to reduce environmental footprint and implement the principles of closed-loop economy
- Reducing greenhouse gas emissions, e.g. by improving energy efficiency, utilizing renewable energy and reducing resource consumption; integrating climate change adaptation principles into the management of university buildings
- Protection and restoration of natural areas and biodiversity on the university campus; implementation of educational activities and scientific research aimed at sustainable land use and biodiversity protection



Areas of sustainable development

Social

The social component is focused on the principles of social responsibility, which include, among other things, ensuring occupational safety and preserving employee health, fair remuneration and respect for employee rights, individual development of personnel, implementation of social programs for personnel, creation of new jobs, sponsorship and charity, environmental and educational activities.

The following activities will be implemented to develop this area:

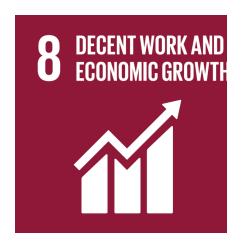
- Providing affordable and quality education for all, including support programs for students from low-income families
- Incorporation of healthy nutrition in educational programs, conducting research aimed at improving food security and nutrition sustainability
- Assistance in employment of graduates, with all the necessary competencies to work in the health system; realization of scientific research on prevention and treatment of diseases; promotion of well-being and improvement of the quality of life of the population through the promotion of health care in the region
- Providing quality health education; guaranteeing access to education for all segments of the population, including measures to reduce barriers to learning and support vulnerable groups; supporting lifelong learning and skills development for teachers and health personnel
- Promoting gender equality and combating discrimination on the basis of gender, providing support and resources for women in the medical and research fields



Areas of sustainable development

Social

- Using technology to provide access to clean drinking water at the university and in the surrounding communities; providing sanitation services and hygiene education programs for university students and staff
- Promoting economic development and providing entrepreneurial opportunities for students and staff; creating jobs and employing talented graduates at the university; developing internship, professional practice and job placement programs for students and staff that enhance productivity and develop skills for future careers
- Development and modernization of university infrastructure, including laboratories, classrooms, libraries and research centers, taking into account the principles of sustainable development
- Taking measures to reduce inequalities in access to education, health care and development opportunities; developing programs and initiatives to support vulnerable groups and reduce social inequalities
- Promoting conscious consumption and use of resources taking into account the principles of sustainable development, including organizing activities to reduce the use of disposable materials and promoting waste recycling; raising awareness and educational programs for university students and staff on the importance of responsible consumption and sustainable production
- Promote peaceful and respectful communication, conflict resolution, and an inclusive and welcoming university environment; support education, training, and mentoring programs for students to develop leadership and interpersonal skills



NC JSC "KARAGANDA MEDICAL UNIVERSITY"

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