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APPROVED
by order of
Board - Rector
No. ____ dated __.__. 2021

Sustainable Development Policy of the Asfendiyarov Kazakh national medical university for 2021-2025 years

Almaty – 2021y.

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NJSC “Asfendiyarov Kazakh National Medical University”

General provisions

1. This Sustainable Development Policy (hereinafter referred to as the Policy) of the Non-Profit Joint Stock Company “Asfendiyarov Kazakh National Medical University” (hereinafter referred to as the University or KazNMU) defines the basic concepts, organization procedure and conditions for the implementation of the implementation of 17 sustainable development targets.
2. The policy has been developed in accordance with the requirements of the regulatory documents of the authorized bodies in the field of education, the goals and objectives of state programs in the field of education and the internal documents of the University.
3. The goal of the Policy is to achieve a high quality and environmentally friendly university.
4. The policy is intended for students, faculty (hereinafter referred to as teaching staff), managers and employees of structural divisions of the University, as well as other interested parties.
5. The policy of sustainable development is obligatory for the implementation of all structural divisions of the university, teaching staff, employees and students.

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Sustainable development policy

NJSC “Asfendiyarov Kazakh National Medical University”, is one of the leading higher educational institutions of the Republic of Kazakhstan, which has a modern material base, possesses information and methodological resources, highly qualified personnel and provides a range of educational services in the field of medicine, strives to become a leader and enter the global market of educational services. One of the priority strategic directions of the University is continuous development based on the use of modern advanced technologies, with the aim of continuously improving customer satisfaction and sustainable development. The management of the University creates the necessary conditions for the professional growth of teachers, the development of the material and technical base and makes its decisions based on a systematic and comprehensive analysis of evidence, reliable and proven methods.

KazNMU is aware of the importance of its impact on the economy, while striving to increase the long-term value of the environment. Activities in the field of sustainable development meet the best international standards.

The social component of the sustainable development policy is focused on the principles of social responsibility, which, among other things, include ensuring labor safety and maintaining the health of employees, fair remuneration and respect for the rights of employees, individual development of personnel, the implementation of social programs for personnel, the creation of new jobs, sponsorship and charity, carrying out environmental and educational campaigns.

No poverty Policy

Social policy in the Central Asian context can make an important contribution to the prevention, reduction and elimination of risks that entail the unification of the population.

NJSC "Kazakh National Medical University named after S.D. Asfendiyarov" takes care to contribute to the fight against poverty in order to leave a better world for the future generation. The KazNMU anti-poverty policy covers the following:

- Coordinates and manages scholarship operations, foundations, associations and companies for students who need basic services to continue their education.
- Provides basic services (health care, accommodation, meals, counseling) and transportation services on campus for low-income students.
- At the request of the local population, vocational training in related fields is organized and seminars are held that support personal development through lifelong learning. In accordance with the goals of sustainable development within the framework of entrepreneurship, it provides the necessary training for KazNMU graduates to create a business, and also develops and implements projects to provide various grant support to students.
- Develops projects in cooperation with institutions and coordinates developed projects. To end poverty, individuals, institutions, organizations, businesses, non-governmental organizations, etc. local, regional, national and global.
- In particular, it organizes technical trainings to enable students to participate in projects economically and prevent them from becoming impoverished.
- In addition to improving human skills and knowledge through education, it contributes to economic development through capital creation and capacity development through methods such as research and consultancy.
- KazNMU works together with regional stakeholders and develops anti-poverty policies.

KazNMU conducts various studies to effectively reduce poverty in all its aspects today, when many people struggle to meet their most basic human needs. These activities are the implementation of activities, trainings and projects that contribute to social, cultural and economic development, which support society in various dimensions in the fight against poverty, as well as support in kind and in cash related to meeting the basic needs of low-income students. In the next period, KazNMU will continue to work to combat poverty, both at the regional and national levels.

Zero hunger (No hunger) Policy

KazNMU pays great attention to the quality in the field of education and training of university students. In addition, the University adopts a sustainable green campus policy with a holistic management approach that includes students, academic and administrative staff, the media, local governments, regional businesses and other campus stakeholders, aiming to make the concept of sustainability a culture of life for its students. and employees during and after the training and internship period.

- Supports an integrated waste system as part of the Green University's strategic plan for monitoring, recycling and assessing food waste.
- Conducts various national and international collaborations and research in the field of medicine and technology for the employment of graduates.
- KazNMU introduces benefits for dormitory accommodation and meals for students who are eligible for any benefits or payments.
- Provides meals to students in the cafeteria on the campus of KazNMU.
- Provides access to affordable, nutritious, healthy and sustainable food, including a variety of food options, for students and staff who study and live on campus.
- KazNMU cooperates with social protection authorities.
- KazNMU holds competitions from the Rector of the University for the best young professionals.
- Organizes an open day on a variety of topics related to policies to combat hunger and poverty.

Good health and well-being Policy

At the present stage of the functioning of society, one of the decisive factors in economic and social development is the preservation of the health of people and, above all, the younger generation. Issues of strengthening the health of the population are in the sphere of basic interests of the state. The preservation of the health of citizens of our country is associated not only with the creation of a whole range of conditions for achieving this goal, but also with the formation of a culture of health in them - one of the main elements of the general culture of the individual, aimed at developing health values and values of a healthy lifestyle.

KazNMU attaches great importance to the sustainability of a healthy and quality life, and also contributes to medicine and disease control in order to make the world a better place for future generations.

KazNMU policy covers the following tasks:

- Improving the health of all who live, study and work on campus.
- Prepares health workforce undergraduate and graduate programs (Master's, PhD, Medical Specialization, Dentistry and Pharmacy, Medical Minor) that will provide a skilled workforce.
- Plans the working and learning environment to maintain health and create a socially and physically supportive environment.
- Provides a quality network of health and social services for staff and students.
- Collaborates closely with local, national and international health agencies in the area of health and disease control.
- Organizes themed events for the local population to ensure that health knowledge gained at the university meets with the community.
- Takes the necessary measures to support the physical and mental health of staff and students. Develops a management system to improve employee productivity, improves academic efficiency and productivity, and works to improve mental health improvement and protection for a more motivated workforce.
- Promotes substance use restriction policies (eg, tobacco-free campus, drug-free campus), creates a campus culture, and therefore organizes outreach events at the local and regional level.
- Improves work on facilitating and expanding access to sexual and reproductive health services.
- Provides access to protective, preventive and therapeutic services, especially in the areas of sexual health, substance and tobacco use prevention and mental health.
- Provides healthy, affordable and sustainable food on campus.

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- Organizes an active lifestyle. Sports ensure the accessibility and widespread use of social and cultural facilities by city residents. There is a department at a civilian university that deals with military training of students, where each student is provided with access to preventive and therapeutic services.

KazNMU has taken important steps in terms of ensuring a healthy and quality life. In the future, he will continue training in maintaining a healthy and quality life both at the national and global levels. The policy aims to promote and disseminate protective and preventive work carried out on campus at the local and national levels, as a model for KazNMU.

Quality education Policy

The policy in the field of ensuring the quality of education is an integral element of the University's development strategy and the basis for planning its educational activities, focused on the high quality of the educational process, the training of highly qualified, competitive specialists, meeting the requirements of the labor market and employers in the field of personnel training. KazNMU is aware of the importance of quality medical education, which will allow medical specialists to acquire relevant knowledge, skills and competencies in their field throughout their professional career. Also in line with the goals of sustainable development is trying to contribute in this regard. In this regard, education policy aims at inclusive, equal, quality education and lifelong learning for all.

The policy of KazNMU in the field of quality education, corresponding to this goal, includes the following main elements:

- KazNMU provides inclusive, fair and affordable quality education for students.
- Supports participation in educational programs that help to introduce new methods of diagnosis and treatment in a timely manner, which leads to an improvement in the quality of medical care and an increase in the level of professionalism of doctors. Works to improve the education system, aimed at developing behavior that best meets the needs of the individual and society.
- Effectively provides continuing medical education for medical professionals, which is an integral part of a successful practice.
- Emphasizes the responsibility and professional education of medical graduates, which is an incentive for the development of new technologies and methods that can ultimately improve health care and save more lives. This is of great importance for the health of the patient and his confidence in the doctor.
- Designs and provides educational events for non-university stakeholders, where they are provided with opportunities to share experience and learn from recognized experts in their field.
- Follows current trends in medicine, which allows you to keep abreast of the latest methods and technologies to improve scientific research in the field of medicine.

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Gender equality Policy

Thanks to the cooperation of state bodies and public organizations, in 2009 the Law “On State Guarantees of Equal Rights and Equal Opportunities for Men and Women in Kazakhstan” was adopted, which is “the main legislative act in the field of gender policy”. This law, among other things, guarantees equal rights and equal opportunities in the sphere of work: equal access to vacancies and the conclusion of an employment contract. According to paragraphs 4 and 5 of Article 7 of the Law, the central executive bodies in the field of ensuring equal rights and equal opportunities for men and women contribute to the observance of gender equality in personnel matters, and also consider citizens' appeals regarding family issues, non-observance of equality between men and women.

Gender equality, one of the most important human rights, plays a key role in ensuring peace and harmony in society and the full realization of human potential on the basis of sustainable development. The gender policy is aimed at achieving equality of rights, benefits, duties and opportunities for men and women in all spheres of society, carried out to eliminate discrimination based on sex. In order to be one of the leading universities at the national and international level in terms of creating equal opportunities for all within KazNMU and ensuring diversity in academic life, it aims to develop and implement effective policies that eliminate gender inequality in all areas of the academy and ensure equality between the sexes.

Gender equality policy of KazNMU covers the following issues:

- Society is aware that the elimination of all forms of discrimination against women and girls within the framework of gender equality is of great importance not only for human rights, but also for accelerating sustainable development, and is implementing its goals and plans in this direction. Another important component of the gender policy in higher education is personnel policy.
- Supports equality of access to education means that men and women have equal access to formal and non-formal education.
- Maintains an order of equality in educational processes, that men and women receive fair evaluation and attention in the educational process, which means that they are engaged in the same programs of study, with allowable discrepancies due to the different learning styles of men and women.
- The requirements for equality in educational outcomes are observed, the assessment of the educational results of men and women is based on their individual talents and efforts. To ensure a fair chance of success, the length of education, academic qualifications and diplomas differ by gender.
- There is equality in access to goods and resources and their ability to contribute to participation and to benefit from economic, social, cultural and

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political activities are equal. This means, for example, the provision of equal career opportunities, equal pay for men and women with similar qualifications and work experience.

- It supports research conducted in various units on gender equality.
- In the context of gender equality, it includes units and centers aimed at the prevention of violence against women and the protection of women's rights, and carries out their work.
- Provides affordable childcare opportunities for university staff and students.

KazNMU complies with the requirements for gender equality, where an important part of the gender policy in the field of higher education is personnel policy.

Clean water and sanitation Policy

The main goal in the policy of clean water and sanitation is the formation of a systematic, integrated approach to the transition of the university to a green economy by implementing measures for energy efficiency, saving water, electricity, waste disposal, etc., as well as adopting own plans to create a sustainable development program. The optimization of coordination activities in the field of strategic planning and design of the university campus and all its components is improved by introducing the latest achievements of science and technology in improving the energy efficiency of the campus, improving and further greening the campus and integrating it into the environment, the eco-system of the city, region and country.

The University strives to make the concept of sustainable development a culture of life for students and staff during and after training and the period of study. KazNMU prioritizes environmental awareness in all activities of the University, and also carries out environmental protection activities. The human right to water is a sine qua non for living in human dignity. The policy aims to ensure the implementation and continuity of sustainable water use, the supply of healthy and clean water, and the reuse of water with a holistic and management approach that includes students, employees, society, local and regional administrations.

The clean water and sanitation policy covers the following objectives:

- As part of the clean water and sanitation policy, he is working on a water reuse project that will make wastewater recyclable.
- Searches for alternative water resources to meet water needs for landscape and humanitarian purposes. Takes the necessary measures for the economic use of water.
- Promotes water security at the local, regional, national and global levels.
- Measures have been taken to continuously supply healthy and clean water to the campus to address the problem of water scarcity.
- Instills values and norms that largely determine a person's lifestyle and behavior, which contributes to the development of environmental activities of students within the framework of a clean water and sanitation policy.

Since its foundation, KazMNU has been an environmentally sensitive university and has paid great attention to environmental protection. It continues to work as part of a sustainable university approach to a green campus. It also strives to improve work on sustainable water use, the provision of healthy and clean water and the reuse of water at the national and global levels.

Affordable and clean energy Policy

The world is making progress towards the goal of universal access to affordable, reliable, sustainable and modern energy for all. Saving energy is the fastest and cheapest way to deal with the current energy crisis and cut costs. We live in a world where energy needs are growing in proportion to population, industrialization and technological developments. KazNMU is paying more attention to expanding access to clean and safe fuels and technologies. It also supports the development strategy to create the preconditions for sustainable development. Today, global warming is a big problem, and the whole world is striving to produce clean energy from renewable sources and make this energy available in order to contribute to solving this problem.

The Affordable and Clean Energy Policy of KazNMU covers the following measures and tasks:

- The university has a department for the coordination of energy resources. In accordance with the objectives of the energy policy, the department is engaged in determining the current volume of energy consumption on the basis of units, conducts research on energy losses, and takes appropriate measures.
- Conducts energy efficiency and savings potential studies at the required times, creates an inventory and repeats these studies.
- Attempts to study and implement methods and measures to be applied in the field of energy efficiency and energy conservation.
- According to the ISO 50001 Energy Management System, existing and planned campus buildings must comply with national and international energy efficiency standards. In this regard, KazNMU gives priority to strengthening certification studies of "green" construction.
- When purchasing goods and services, pays special attention to technical characteristics and specifications related to energy consumption.
- In accordance with all technical norms and rules, monitors the service life for the gradual replacement of all types of equipment, machines, lighting and other vehicles that have exhausted their resource in terms of energy efficiency with equipment that is more environmentally friendly and more efficient, and takes the necessary measures in according to the received data.
- KazNMU supports academic research projects on renewable energy sources.
- Conducts review workshops to raise awareness of the importance of energy conservation and clean energy (workshop, panel, symposium, congress, social media posts, etc.).

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KazNMU has been an environmentally sensitive university since its foundation. In the next period, it plans to continue working to increase its role in the field of affordable and clean energy, both nationally and globally.



Decent work and economic growth Policy

Sustainable and inclusive economic growth can drive progress, create decent jobs for all and improve living standards. Growth is needed to meet the needs of a growing world population.

One solution to the problem is to improve the quality of work and productivity.

KazNMU cooperates with state portals for employment of the population, hires all employees with respect for human dignity. Works to improve the quality of the management and management system aimed at eliminating problems such as stress and personal tension that may arise during work in the workplace, to provide an ergonomic working environment, to develop a sense of commitment of its employees to the institution, as well as to ensure the health of their employees and their families. The main work is aimed at creating the necessary conditions so that human resources, which are one of the important engines of economic growth, can work efficiently and effectively.

In this context, KazNMU performs the following tasks:

- Implements an employment policy offering equal opportunities for all contestants.
- In accordance with all requirements and selection rules ensures that there is no discrepancy between the qualifications required for the job and the qualifications of hired personnel.
- Provides employees with decent and timely wages.
- Creates the most comfortable working conditions for employees and is opposed to hard work, modern slavery, human trafficking and child labor,
- Against discrimination in the world of work, applies the principle of equal pay for equal work. Provides equal labor rights and does not restrict the freedom to receive any benefits depending on gender, race, skin color, nationality, language, origin, property, family, social and official status, age, place of residence, attitude to religion, beliefs, belonging or not belonging to public associations or any social groups, as well as from other circumstances not related to the professional qualities of the employee.
- Internal management is strictly controlled and is against intimidation, harassment, psychological abuse, pressure, humiliation, etc. Does everything necessary to prevent all kinds of unethical behavior.
- KazNMU provides continuous improvement of the level of professional knowledge, skills and abilities of its employees. The rights of employees are protected by the labor code. In order to protect all kinds of rights of all its employees, unions, associations, etc., protects and maintains the right to form or membership in organizations.

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- The rights of employees working on outsourcing (subcontractors) are also protected by all the rules of the labor code.

- Helps his students to work part-time at the university.

KazNMU is working hard to develop human resources and improve their quality. Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all. In this direction, a large number of training courses are conducted. Much attention is paid to the quality of management in the field of management system. The University has an academic exchange program. Every opportunity to improve the well-being of its employees is evaluated. KazNMU provides the necessary environment to improve the knowledge and experience of its employees. Continues to work on building the infrastructure for all of its employees to work in a supportive and safe environment.

Industry, Innovation and Infrastructure Policy

NJSC "KazNMU" has a significant innovative potential. Currently, the research activities of "KazNMU" are carried out by teaching staff, researchers studying in accordance with the strategic plan for the development of scientific and medical research of "KazNMU", taking into account the priority areas of medical science.

NJSC "KazNMU" plays a special role, being the largest medical university in the country, which trains specialists at all levels of education in all areas of healthcare. On the basis of "KazNMU" there is an educational and methodological association of the Republican educational and methodological council in the direction of "Health", which develops and provides an expert assessment of the main methodological and regulatory documents governing medical education in Kazakhstan. Educational programs of "KazNMU" include programs of university and postgraduate education, are coordinated with employers and international partners. The student learning process is based on modern technologies of partner universities and other foreign universities using a combination of lectures, laboratory and individual classes, group work on case studies, problem solving, experiments and clinical practice.

In 2019 - 2021 academic year NJSC "KazNMU" was visited by 38 visiting professors from Turkey, Russia, Lithuania, Poland, Georgia, Ukraine, Belarus. As part of the Erasmus + program, agreements were signed with universities in Europe: Finland, Lithuania, Spain, Estonia. 124 cooperation agreements have been signed with universities from 34 countries. NJSC "KazNMU" is an institutional member of 7 international associations. NJSC "KazNMU" is one of the founders of the League of "Academic exactingness", the purpose of which is to improve the quality of education by implementing and promoting the principles of academic honesty.

In a multifaceted and comprehensive study conducted with the participation of internal and external stakeholders of the university, such organizations as:

- The Research Institute of Fundamental and Applied Medicine named after B. Atchabarov includes: a clinical experimental laboratory, a scientific clinical diagnostic laboratory, a vivarium, a laboratory for assessing public health risks, and a Center for Experimental Pharmacology.

- The School of General Medicine implements the educational process under the bachelor's program in the specialty "General Medicine".

- The School of Pediatrics has been operating since 2018.

- The Kh. Dosmukhamedov School of Public Health trains students in three specialties of undergraduate programs: public health, nursing and management.

- The School of Dentistry is the leading faculty of the dental profile in the republic, provided with a good educational and methodological base, equipped with modern equipment, phantom rooms, where more than 150 teachers work.

- The International Faculty of Medicine trains specialists in English in the specialties "General Medicine" and "Pediatrics". The main contingent of students is foreign students from India, Jordan, Afghanistan, Tajikistan, Uzbekistan, Kyrgyzstan, USA, Russia, Turkey and China.

The strategy of NJSC "KazNMU" defines five main strategic directions, which are closely intertwined.

- The first strategic direction is the creation of an academic system of healthcare and science in NJSC "KazNMU". Within the framework of this direction and taking into account the requirements for modern research universities, NJSC "KazNMU" will strive to ensure that the existing teaching staff of the educational institution is involved in research work along with educational activities.

- The second strategic direction of NJSC "KazNMU" is to ensure the quality of the functioning of the academic system of healthcare and science. NJSC "KazNMU" as a research university will progressively create and improve, include information support and digitalization of processes, inviting specialists from abroad, updating equipment and other conditions conducive to the transfer of knowledge and skills.

- The third strategic direction of NJSC "KazNMU" is to increase the satisfaction of employees with their work, the quality of training of medical and pharmaceutical specialists who study conditions and the learning process.

- The fourth strategic direction of NJSC "KazNMU" is its internationalization. The priority direction will be the development of scientific cooperation with strategic partners both within the country and with international partners in joint research and scientific-practical projects.

- The fifth direction of the NJSC "KazNMU" strategy is economic development and financial stability. NJSC "KazNMU" will become a prestigious research university not only in the country, but also in the world. Also, a pool of foreign scientific partners will be formed and expanded, ready and contributing to the financing of the organization and conduct of joint scientific projects.

Reduced inequality Policy

A distinctive feature of modern society - its differences in national, social, demographic, class, gender, religious, material and many other characteristics - has led to the emergence of social inequality. In accordance with paragraph 2 of Article 14 of the Constitution of the Republic of Kazakhstan, “no one may be subjected to any discrimination based on origin, social, official and property status, gender, race, nationality, language, attitude to religion, beliefs, place of residence or any other circumstances.”

In accordance with the article, KazNMU supports all people in social, economic and political life, regardless of age, gender, race, ethnicity, religion, disability, economic and other status.

The policy of KazNMU to reduce inequality covers the following issues:

- It aims to ensure that people from all walks of life are educated without discrimination.
- Ensures equal educational opportunities for all people from all walks of life in all of its associate, undergraduate and graduate programs.
- Opportunities are provided for underrepresented (and potentially underrepresented) groups, including ethnic minorities, low-income students, and students with disabilities.
- Ensures that an anti-discrimination and harassment policy is developed and implemented by all departments.
- Provides a working and learning environment in the learning process for people with disabilities.
- Social and physical structures of relief and support for people with disabilities are organized.

KazNMU supports important research in the context of providing equal opportunities in education and reducing inequality. Ensures transparency and accountability of employees, strengthens control over the implementation of laws, guarantees equal access to jobs and equal employment opportunities for all candidates without any discrimination. The university protects the right of every person to education, which is also protected by the constitution. The management of the university prioritizes sustainability in its work in order to ensure the education of all people by reducing inequalities both at the regional and national levels. Promotes sustained, inclusive and sustainable economic growth, full productive employment and decent work for all.

Sustainable cities and communities Policy

Building resilient infrastructure, promoting inclusive and sustainable industrialization and process innovation is key to finding long-term solutions to both economic and environmental challenges, such as improving resource efficiency and energy efficiency. NJSC "KazNMU" is an innovative university, continuously developing on the principles of the academic system of healthcare and science, in which the efforts of professionals are united, inspired by a single mission in the development of society.

In order to commercialize scientific and technical developments, the University seeks to increase the share of applied research developments co-financed by the private sector, develop translational medicine, that is, the introduction of the results of fundamental research into practical healthcare, improve research and production infrastructure with obtaining certificates of compliance with international standards.

According to the sustainable development policy, KazNMU supports culture, sports and education of people. Provides opportunities to promote transportation, make the campus open to all, support cultural heritage sites, implement projects to register and protect cultural heritage, and provide housing and services to its students. The university negotiates with government external stakeholders and has common green policy goals.

KazNMU policy covers the following issues:

- The campus area is open to the public and provides interactions where cultural activities are brought to the attention of the public. Ensures the continuity of cultural activities, organizes educational events.
- Welcomes the fine arts and preserves the cultural heritage, preserves and appreciates history. The campus area is a landscape area and a natural heritage site with all endemic plants for the use of the public.
- Permanent exhibitions are held on campus. Shares its printed materials with the public, the university database and university publications with university staff and students.
- The building is located in an open area. Each of them has a separate entrance. You can move between buildings without difficulty. The University creates a distinctive new learning environment by promoting progressive learning methods through the creation of new and vibrant learning, teaching and learning environments (both formal and informal) along with cafes designed to encourage interaction between students and staff.
- Transport infrastructure makes it easy to get from one campus to another by bike or public transport. The campus is integrated into the city and students enjoy all the amenities and services available in the city, including walking paths.

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- University facilities include historic downtown buildings and modern buildings being built to develop the campus and house state-of-the-art research and teaching facilities. Implements projects related to the protection of cultural heritage.

- Campus space that meets modern environmental requirements reflects the innovative character. It has a special unit dedicated to the promotion and technical support of distance education. It also implements a remote/shift work system for its staff.

- Provides affordable housing for its staff. Supports programs created for young employees in the acquisition of housing. With the support of the state, there are certain mechanisms to help employees in attracting housing.

- The University offers affordable housing to its students and conducts activities that encourage relevant official institutions to offer new housing to meet the housing needs of more students.

- Performs timely repair work on the territory of KazNMU.

- KazNMU will introduce new technologies that directly interact with all processes and services of the educational institution. KazNMU University is an integral part of the city, as well as a socially and environmentally sustainable place for people to live and work.

Responsible consumption and production Policy

Consumption and production are the foundation of the global economy. However, current unsustainable production and consumption patterns are leading to deforestation, water depletion, excess food waste, high carbon emissions and degradation of key ecosystems.

KazNMU supports a program to ensure the transition to rational patterns of consumption and production.

The University has a comprehensive and systematic approach to an energy-intensive economy by implementing measures for energy efficiency, saving water, electricity, waste disposal, etc., as well as adopting its own plans to create a platform for sustainable development.

The Green Office is a sustainability platform that empowers students and staff to incorporate sustainability principles into the curriculum, research, operations, communities, and governance. The Green Office is the central hub where fresh minds and hands come together to support the sustainable development of KazNMU.

The university aims to be a leader in science and technology, have a strong network of collaborations and connections with national and international stakeholders, have a green, sustainable, affordable and livable campus, contribute to the economic, social and cultural life of the region, and have a strong financial composition.

The sustainable production and consumption policy adopted by KazNMU in educational, training, research, production and service units within its area of responsibility from a holistic point of view, including students and employees, includes the following main elements:

- Staff embeds sustainability in buildings, laboratories and procurement. They also work with educators so that students learn by doing through sustainability projects at the university.
- Food and supplies covering procurement activities meet the needs of students and staff. This ensures reliable products, sustainable environmental planning and a green supply chain management system.
- Ensures its sustainability with an integrated waste management system such as hazardous, medical, experimental animals and biological origin, radioactive substances. Carries out processes from the initial point formed in the university departments, to their disposal in an environmentally friendly way within the framework of legal regulations.
- Educators inspire students to explore sustainability topics from an interdisciplinary perspective and through real projects. The university is committed to being green, and plans to reduce the supply and use of plastic and single-use

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materials from the procurement process, in line with the principles of the Sustainable Green University and a no-waste approach. It reduces waste generation through prevention, reduction, recovery and reuse.

- University leadership makes sustainability a central element of the university's strategy and allocates funds for its implementation.

KazNMU is familiar with important research on sustainable production and consumption and supports Green Policy programs aimed at making environmental awareness the culture of life for the next generation. In the next period, the University will continue to work on improving the quality of sustainable production and consumption, which will be an indicator of the environmental friendliness of the campus.

Climate action Policy

Climate change is one of the most important international problems, which is a complex interdisciplinary problem covering the environmental, economic and social aspects of sustainable development.

Ensuring climate and environmental security has become one of the geostrategic goals of the sustainable development of modern civilization, since there is an increase in the number of natural and man-made disasters, extreme hydrometeorological events accompanied by human casualties, material losses and huge environmental damage all over the world.

The university's strategy in the field of climate change and the state of the natural environment is being implemented by creating conditions for scientific, engineering and environmental support and ensuring climate and environmental safety.

KazNMU cooperates with its national and international stakeholders, supports the development and dissemination of climate-friendly, sustainable and environmentally friendly processes. Uses its full potential in research and development, education and training and social contribution, thereby striving to minimize the negative consequences of global change in nature and human life.

The climate change policy of KazNMU, corresponding to this goal, includes the following main elements:

- The University develops information tools that provide an international level of research and development in the field of climate change and the state of the natural environment, adaptation to climate change to solve urgent problems of the country's sustainable development.
- Develops the human resources potential of the university by creating conditions for the professional growth of scientific and pedagogical staff and attracting leading experts in the field of sustainable development and combating the effects of climate change.
- Ensures the formation of a productive educational and scientific-innovative ecosystem of the university in the face of climate change and the emergence of new environmental challenges and risks.
- Introduces technologies of alternative energy sources (solar), energy saving and recycling of raw materials and materials on the university campus. Conducts outreach activities to reduce energy consumption and waste for renewable energy systems.
- Conducts interdisciplinary educational programs related to sustainable development, environmental security and adaptation to climate change, supported by high-quality and practice-oriented education based on internal and external partnerships.

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KazNMU supports academic research and training programs to improve the ability to adapt to the effects of anthropogenic climate change. Strives to minimize its impact on the environment, both nationally and globally. KazNMU units are taking action to support initiatives to design and build buildings and reduce emissions from waste storage at the institution.

Life below water Policy

Relations in the field of protection and rational use of water resources in modern conditions have become the object of priority and, moreover, very close attention both from individual states, including Kazakhstan, and from the international community as a whole. The existing, as well as periodically emerging new threats to national and international security in this area necessitate the intensification of interstate cooperation aimed at countering the ever-increasing global water crisis in all its forms and manifestations. Today, many scientists consider ecology to be the science of the relationship of organisms or groups of organisms with the environment, the science of the relationship between living organisms and their environment; while humanity is considered as part of nature.

The problems of protecting the seas and oceans, the rational use of their living resources, and ensuring access to clean drinking water are still among the most pressing on the world agenda and are unlikely to disappear from it in the foreseeable future. KazNMU takes care to contribute to the protection of water areas, carrying out its management and production activities from the standpoint of the strategy of environmental safety and sustainable development.

The policy of the University on the protection of the seas and water areas covers the following issues:

- Organizes/supports activities for the protection and sustainability of the aquatic ecosystem and takes action on these issues. Collaborating organizations of the University perform chemical purification of water, pass it through special filters that trap harmful impurities. Domestic wastewater first enters the treatment plant, where it is filtered and disinfected.
- Disposal methods are used to protect water quality and the ecosystem to prevent potential harm to the environment. The territory is protected from flooding and swamping.
- Offers and conducts interdisciplinary lectures on the protection of aquatic ecosystems and sustainable fisheries for local, regional or national stakeholders.
- Currently, the University is working on a development program aimed at carrying out activities for the reconstruction and modernization of fixed assets and reducing losses in networks. As needed, equipment, special equipment and technologies are updated, production indicators are analyzed to save costs for the services provided.

KazNMU is aware of important research at the local level on the protection of the seas and water basins, and in the next period will continue to support the policy on water resources to play a role both at the national and global levels.

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Life on land Policy

Ecosystems are systems of natural living elements that interact with each other and with their inanimate environment. Terrestrial ecosystems play an important role in human life - they provide habitat for people and numerous food resources. Natural and landscape areas are places of rest and psychological relaxation for a person.

It is man who becomes the main factor in the changes and degradation of existing ecosystems. We have a choice - to continue to destroy or start building for the benefit of future generations. To maintain ecosystems at a high quality level, constant cooperation of institutions in various spheres of life is necessary. In addition, every inhabitant of planet Earth must monitor their own lifestyle, diet, consumption of goods and services.

KazNMU, in accordance with the goals in the field of sustainable terrestrial life, takes care of the conservation and sustainable use of its lands, the conservation of existing ecosystems and biological diversity, as well as the elimination and assessment of waste in order to achieve zero waste.

The protection of terrestrial life covers the following issues:

- Supports and organizes activities aimed at the conservation and sustainable use of university lands. Ensures the conservation, restoration and rational use of terrestrial ecosystems.

- Preserves existing ecosystems and biodiversity in jurisdictional areas. Conducts educational programs on ecosystems for local or national communities. Organizes training programs or outreach programs on sustainable land management for agriculture and tourism.

- Contributes to building a broader knowledge base through participation in global systems of policy research and information sharing. Works on the protection, restoration and sustainable use of terrestrial ecosystems associated with the university.

- Advocates for the integration of decent work into climate action agendas by engaging in dialogue and key negotiation processes. Takes measures to prevent any harm to living beings in connection with the operation of the university and newly constructed buildings. Plans to increase local biodiversity and reduce the impact of non-native species on campus.

- KazNMU is collaborating with local administrations (municipalities) to establish policies to reduce plastic waste on campus. Makes plans for the removal of hazardous waste, including hazardous materials.

One of the goals of the country's sustainable development is the protection and restoration of terrestrial ecosystems. In order for society to move further along

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the path of “decent work for all”, it must move towards sustainable production and consumption patterns that preserve the natural environment.

Peace, justice and strong institutions Policy

Building peaceful, just and inclusive societies is essential to achieving the Sustainable Development Goals. People around the world should be free from fear of all forms of violence and feel safe living their lives, regardless of their ethnicity, religion. To achieve the goals, KazNMU provides quality education in medicine, fair economic policy and comprehensive environmental protection. KazNMU supports the Sustainable Development Goals adopted by the United Nations in all areas of its activities and united in 17 main sections. Strives to be a strong educational institution, observing the principles of peace and justice in relations with students, staff and stakeholders of KazNMU. Takes effective and concrete measures to combat all their forms of corruption, bribery and related illegal activities. Considers the importance of social responsibility projects, energy and resource management, health research is important in terms of being a sustainable university.

The policy of KazNMU "Peace, Justice and Strong Institutions" includes the main elements that are listed below:

- Implements various initiatives at the local level aimed at enhancing youth participation in the electoral process, especially among young people from asocial communities. Conducts training, informs employees and society on the prevention of violence, calls for order for the benefit of society.
- Support activities organized on national and international platforms for the development of the rule of law. Applies legal norms and public ethical principles for the effective development of KazNMU at all levels.
- Completely cleans students and staff from politically incorrect ideas and personalities. KazNMU provides protection and enables all interested parties, especially students, administrative and academic staff, to freely express their ideas and opinions and make suggestions.
- KazNMU conducts academic, scientific and social research with global governing boards. Supports academic research and projects carried out in the context of ensuring public access to information and protecting fundamental freedoms in accordance with national legislation and international agreements.

The university promotes a peaceful and open society for sustainable development, providing access to justice for all.

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Partnership for the goals Policy

KazNMU University is an innovative, continuously developing on the principles of the academic system of healthcare and science, in which professionals, inspired by a single mission, sharing the same values, unite their efforts to generate, transfer and use knowledge about health and for the sake of people's health.

The academic staff of the University serves the society through the training of competitive specialists in the treatment, preservation and promotion of people's health, improving health care based on the integration of advanced educational, scientific and medical technologies.

The strategic direction of the University is aimed at strengthening the trinity of medical education, clinical practice and scientific activity based on the unity of strategic goals and objectives by obtaining modern theoretical knowledge and real practical skills in the conditions of university clinics.

The University modifies existing and develops new educational programs, taking into account the policy of trilingualism, taking into account world experience, which will have a positive effect on increasing their compatibility with those programs of leading universities in the world, and, in turn, creates conditions for increasing the opportunities for academic mobility of students, concludes agreements with Universities international level, which contributes to the internationalization of the University. Particular attention is paid to increasing the practical clinical component of the educational process for students of all courses, interns and residents with the establishment of a reasonable share of responsibility for the results of participation in the treatment process for the last two groups of students, and the involvement of students and interns in scientific research. A prerequisite for the educational programs of the University for undergraduates, doctoral students and residents is participation in scientific projects.

The University on a permanent basis attracts leading foreign specialists, scientists and teachers to academic and scientific work, and also pays the necessary attention to the academic mobility of its employees.

The University strives for the wide use of distance learning for specialists for retraining and advanced training. The university in the field of scientific activity pays great attention to the modernization of its methodological approaches based on the transfer of advanced world standards and concepts. To this end, work is underway to integrate university research programs and projects with international ones, attention will be paid to the development of a system of scientific internships in strategic priority areas. The exchange of scientific personnel is also developing. The university strives to increase the share of applied research and development that receives co-financing from the private sector.

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- Strives to increase the number of national and international funded research projects in order to contribute to the region, country and world economy by improving the research environment.
- Facilitates the establishment of a collaborative center of excellence with national and international stakeholders to create a research environment focused on achieving excellence through sustainability and institutional development in priority areas.
- Supports interdisciplinary research ecosystems and encourages research and development so that groundbreaking research can be carried out worldwide in priority areas.
- Develops relationships and cooperation with national institutions and organizations by promoting the implementation of multilateral research activities within the framework of national priorities, as well as carrying out research activities with international participation in the framework of world trends, in order to increase international recognition.