

**NON-PROFIT JOINT STOCK COMPANY
AL-FARABI KAZAKH NATIONAL UNIVERSITY**

The main provisions of the policy of
cooperation with government agencies

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Introduction

In accordance with the requirements of the Concept of Science Development of the Republic of Kazakhstan for 2022-2026, as well as in order to support the University as having the greatest scientific potential, the Society ensures the integration of science, business and production by transforming the Al-Farabi Kazakh National University into a research university.

World-class research universities specialize not only in the training of competitive specialists, but also in the implementation of a wide range of scientific research and their further commercialization. It is research universities that are becoming growth points, drivers of a knowledge-intensive economy and hubs of a scientific and innovative system. The degree of development of the scientific and innovative system forms the basis for sustainable economic growth and is a necessary condition for the country's full participation in the global division of labor.

1. The main provisions of the policy of cooperation with government agencies

This policy of cooperation with government agencies (hereinafter referred to as the Policy) of the Non-Profit Joint-Stock Company "Al-Farabi Kazakh National University" (hereinafter referred to as the University) has been developed in order to improve the efficiency of interaction between the university's structural divisions with central executive departments, as well as state and regional authorities located on the territory of the Republic of Kazakhstan, streamline the document management system on the conclusion of and the execution of agreements on cooperation (strategic partnership) to the University.

The Regulation was developed on the basis of the University's Charter in accordance with the following normative acts: the Civil Code of the Republic of Kazakhstan, the Law of the Republic of Kazakhstan "On Education" dated July 27, 2007 No. 319-Sh, other normative legal acts of state bodies of the Republic of Kazakhstan, local normative legal acts of the University regulating contractual relations.

The Policy defines the system of interaction of the university's structural divisions in the process of cooperation and communication with government agencies of the state, regional and municipal levels located on the territory of the Republic of Kazakhstan, commercial organizations exercising public powers, as well as with judicial authorities (hereinafter referred to as departments).

The establishment and development of long-term cooperation between the university and its partners is an important tool in achieving high quality education, conducting fundamental and applied research, and developing social and other areas of the University's activities.

This Regulation is included in the documentation of the University's quality management system.

2. The purpose and objectives of cooperation

The purpose of the University's cooperation with enterprises of the real sector of the economy, educational and research institutions, state and regional authorities is to create comprehensive and sustainable partnerships between these organizations by combining their intellectual, human, financial, logistical and other resources.

To achieve this goal, it is necessary to fulfill the following main tasks of cooperation:

- Development, implementation and evaluation of both basic and additional educational programs;
- Organization of internships and support for students in their further employment;
- Conducting scientific research;
- Development of scientific and methodological materials and methods;
- Creation of joint integrated structures, such as basic departments, laboratories, scientific and educational centers and others;
- Establishing network interactions;
- Organization of academic exchange;
- Information exchange;

3. Directions, forms and mechanisms of cooperation

The University's cooperation with departments can be carried out in the following areas:

- Development of joint basic and additional educational programs aimed at meeting the needs of departments;
- Evaluation and analysis of the effectiveness of basic and additional professional educational programs;
- Targeted training of bachelors, specialists and masters, taking into account the needs of departments;
- Training of highly qualified personnel within the framework of postgraduate studies and programs for scientific and pedagogical specialists focused on the needs of departments;
- Impact on legislation or the process of its implementation;
- Assistance in reducing the risk of possible administrative sanctions;
- Reaching agreement with the control and supervisory authorities;

- Full legal support of projects in order to comply with the law;
- Participation in public tenders.;
- Professional development and professional retraining of employees, including internships;
- Conducting academic exchange, including teachers, researchers, students and postgraduates;
- Performing scientific research and experimental design work;
- Creation of common structures, such as basic departments, joint laboratories and scientific and educational centers;
- Development of industry requirements and professional standards in the areas of training;
- Participation of representatives of the authorities in the educational process and state examination commissions;
- Participation of government representatives in scientific and practical conferences;
- Joint participation in competitions for the implementation of international, federal, regional and other programs;
- Preparation and publication of joint scientific papers, monographs and educational materials;
- Organization and holding of competitions, conferences and events for students and young scientists;
- Organization of career guidance events such as job fairs and career days;
- Exchange of scientific, technical, educational, methodological and other information;
- Joint work in associations and unions, as well as participation in socially significant projects and actions;

3.1. Joint activities of the University with departments may be carried out in other directions that do not contradict the current legislation of the Republic of Kazakhstan.

3.2. The University's cooperation with departments can take the form of both bilateral relations and the organization of network interaction between several participants in the partnership.

3.3. The mechanisms for the implementation of this partnership include the implementation of specific tasks in accordance with individual agreements, additional agreements to contracts, approved action plans, protocols and other documents that determine the interaction of the parties in accordance with established areas of cooperation.

4. Basic principles of cooperation with government agencies

4.1. Long-term financing

The policy provides for the allocation of stable and sufficient funding for scientific research for several years or even decades. This allows scientists to engage in long-term projects and explore complex problems more deeply.

The level of development of high-tech technologies is currently the basis of the economic condition and scientific and production potential of the country. The integration of education with science and production is a dynamic multicomponent system, a single educational space for education, science and production.

The University will be the central link in the integration processes in the field of science, education and production. The form of a research university is a successful form of integration of education, science and business. During the implementation of research programs, the University will develop scientific and applied research and development commissioned by the industrial sector, as well as work on the development of innovative infrastructure, the creation of research and innovation centers, technoparks, which are a link between education, science and production.

In addition, close integration with Gylym Ordasy and the Research Institute will expand the scope of cooperation between the University and significantly increase the range of integration issues related to the creation of new research groups for scientific support of the primary tasks of state development. The University has developed a mechanism for collecting technological tasks of the real sector to increase the investment attractiveness of scientific projects. To this end, it is necessary to expand the base of research laboratories and collective use centers. In general, the integration of education and science will lead to an increase in the contribution of Kazakh science to the socio-economic and socio-political development of the country.

In order to integrate education, science and innovation, it is necessary to fully involve teaching staff and students in research activities and the implementation of scientific projects.

In order to solve the strategic tasks of university science, it is necessary to intensify the process of commercialization of scientific results and interaction with the real sector and business. Scientific research should be focused as much as possible on the actual needs of the economy and society.

4.2. Priority areas of research

The policy defines the key areas of science in which special investments are required. These can be areas such as artificial intelligence, biotechnology, ecology, etc. At the same time, social needs and global challenges faced by humanity are taken into account.

The scientific policy of the University will be based on increasing the research potential and developing scientific schools such as plasma physics, chemistry of high molecular weight compounds, mathematical and computer modeling, biotechnology, molecular biology and genetics, public health, history and archaeology, psychology, etc. in the field of fundamental and applied research.

Scientific developments will be focused on the priorities of socio-economic development. The collection of technological tasks from the public and real sectors will be carried out.

Interdisciplinary research groups will be created that will focus on identifying priority areas of university science.

The development of scientific potential and the concentration of resources on priority areas of scientific and technological development will ensure the investment attractiveness of research results and the development of technology transfer and commercialization. When preparing applications for scientific grants, communication with the real sector through the co-financing mechanism, solving technological problems, the possibility of using the infrastructure of design bureaus, incubation, acceleration and more will be taken into account.

The creation of research and innovation laboratories for collective use, centers of excellence in the field of high-tech technologies and research will ensure the advanced development of priority scientific areas of the University.

Radical renovation of scientific laboratories and centers in priority areas of fundamental and applied research will be carried out, equipment and digital technologies will create a scientific and intellectual environment of the University. Modernization of the infrastructure to support the commercialization of scientific research will also be further developed.

Updating the equipment of scientific laboratories and centers of the University will contribute to the implementation of advanced scientific projects while increasing their effectiveness.

In order to implement world-class scientific projects, the University's scientific and laboratory facilities will be certified in accordance with national and international standards.

5. Cooperation and partnership

The policy promotes the strengthening of cooperation between scientific institutions, universities, industry and the state. This allows you to combine efforts and resources to solve complex problems, as well as create an ecosystem of innovation and technology transfer.

The strategic partnership of the University will focus on advanced foreign educational institutions and research centers that form the potential for sustainable global development. Dual degree programs will be implemented with foreign partner universities that are in the top 300 of the international QS WUR rating.

Further integration into the global scientific space will be carried out through the participation of University scientists in international teams based on the world's leading scientific and laboratory complexes in strategic innovative areas.

In order to develop international collaboration, the number of scientific internships of scientists will increase, which will improve the level and quality of research, foreign language proficiency, and develop publication activity.

The University will expand cooperation with leading Kazakhstani and international universities and research organizations in order to carry out research projects in the most relevant areas.

The growth of the University's research and development share in the Kazakh and international markets will be ensured. In order to strengthen the research potential, an increase in grants funded by both Kazakhstani and international organizations will be provided.

The implementation of these measures will contribute to the internationalization of scientific activities and further integration of the University into the international research space.

6. Education and development of scientific personnel

The policy of sustainable investment in science includes measures to support education and the development of scientific personnel. This can be the financing of scholarships, the organization of scientific schools and conferences, the creation of laboratories, etc. Such support helps to attract and retain talented scientists and researchers.

The development and implementation of a system to stimulate innovation activity will increase the involvement of the teaching staff in research activities.

In order to train competitive personnel capable of working in conditions of high uncertainty, measures will be taken to diversify educational services and introduce new training formats.

The University will implement a range of bachelor's, master's and doctoral degree programs that will provide training for the most in-demand personnel. A national portfolio of educational programs will be formed and high satisfaction of stakeholders with University graduates will be ensured.

The University, as a multidisciplinary educational and research center, will make the maximum contribution to the formation of the human (intellectual) potential of the country, the training of professional personnel capable of working at the cutting edge of research and technology.

7. Evaluation of results and effectiveness

The policy provides for a system for monitoring and evaluating the results of scientific projects. This allows you to determine the effectiveness of investments and adjust the financing strategy depending on the results obtained.

In order to improve the research competencies of teachers and students, trainings will be organized on the use of integrated research methods and training in the preparation of scientific publications and grant applications with the involvement of leading experts from Kazakhstani and international organizations.

The creation of an online platform for the promotion of scientific results will increase the investment attractiveness and relevance of the University's research projects.

The impact of the University's research results on the socio-economic development of the country will be assessed on a regular basis.