

THEORETICAL AND APPLIED ASPECTS OF ECONOMIC PROCESSES IN UKRAINE AND IN THE WORLD ECONOMY

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EDUCATION AND SCIENCE AT KAZNU NAMED AL-FARABI

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ОСВІТА І НАУКА В КАЗНУ ІМЕНІ АЛЬ-ФАРАБІ

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The education and science system in the Republic of Kazakhstan will comply with the goals and principles of sustainable development. The improvement of education and science for sustainable development should be carried out on the basis of:

- ensuring the modernization of the national system of multilevel education, taking into account the priorities of the Strategic Development Plan of the Republic of Kazakhstan until 2010 to improve the quality of human resources training and meet the needs of the individual and society;
- creation of a number of elite international educational institutions and student campuses in the country;
- modernization of education at the scientific and methodological level, creation of fundamentally new structures that ensure the interconnection of educational, scientific and production processes;
- introduction of technological training in secondary school in order to develop students' new abilities and skills, including the ability to design, make decisions and perform creative work, maintain a high level of innovation;
- preparation of a competitive personality ready for active participation in the social, economic and political life of the country;
- ensuring equal access to full-fledged education for different categories of students, creating conditions for teaching high school students in accordance with their individual abilities and intentions regarding continuing education, self-realization and finding their place in the labor market;
- creation of broad opportunities for socialization of students, effective preparation of school graduates for the development of vocational education programs;

- monitoring of the personnel potential of the republic with the determination of the projected need for specialists of the highest scientific qualification both at the republican and regional levels;

- reforming domestic science with a focus on both its own and foreign traditions, with the support of not only scientific areas that give immediate impact, but also the scientific community as a whole, which is an essential element of sustainable development of society;

- formation of the national innovation system (NIS) as the most important condition for the implementation of the links between science and production;

- stimulating the introduction of domestic scientific achievements into practice;

- creation of technological institutes and ensuring their financing to carry out research and research in the field of promising technological developments so that targeted production schemes are based on technologies adapted to local conditions, environmental rehabilitation technologies, as well as technologies based on traditional knowledge;

- improving the regulatory framework in the field of intellectual property protection, the use of patents, establishing legal relations with foreign and domestic investors, private enterprises when using the results of scientific research.

Creation of the Kazakhstan segment of the Internet, functioning on the basis of the principles of public freedom of information [1].

As an example of a developed in the field of science and education, we can name one of the leaders of the following university. According to the results of the "QS World University Ranking by Subject 2020" Al-Farabi KazNU has improved its performance and strengthened position.

In QS “WUR by Subject”, more than 1200 universities of the world were ranked in five subject areas. Compared to last year, KazNU has significantly improved its performance in the specialty “Art and Humanities”, moving forward from 339 to 277 place, and in “Social Sciences & Management” – 351 place. In the specialty “Modern Linguistics”, the University is in the top 51–100 of the best Universities in the world, top 201–250 in “Linguistics”, and in “English Language & Literature” and “Law” is in the group 251–300. For the first time, the following specialties were included in this rating – “Mathematics” (top 351–400), “Economics & Econometrics” (451–500), and “Physics & Astronomy” (551–600).

The rating methodology is based on four key indicators: academic reputation, reputation among employers, citation of scientific articles and the Hirsch index. The rating was compiled taking into account the opinions of more than 95 thousand teachers, 45 thousand employers, as well as data taken from the “Scopus” database. It should be noted that KazNU, transforming into a world-class research University, is successfully advancing in world rankings. Thus, in 2019, according to the results of the global QS rating, the leading Kazakhstani University took the 207th place in the list of the best HEIs in the world. From the CIS countries, this group included only Lomonosov Moscow State University and Al-Farabi KazNU.

Al-Farabi Kazakh National University is recognized as the best in the Times Higher Education University Impact Rankings-2021. For all 17 Sustainable Development Goals (SDGs) formulated by the United Nations until 2030, the university’s indicators were dominant. To date, no Kazakhstani university has reached such an indicator. The Times Higher Education University Impact Rankings (THE IR) analyzed the activities of 1.115 universities around the world. The world ranking is designed to assess the implementation of the sustainable development goals of higher education institutions.

Al-Farabi Kazakh National University achieved impressive results in the international QS World Universities Rankings and took the 150th position among universities from around the world. In one year, the university moved up 25 positions within the Top 200,

rising from 175 position to 150 place and is on a par with the top universities in the world.

Al-Farabi KazNU proved its leading position among not only universities in Kazakhstan, but also throughout Central Asia and the CIS countries.

The achievement of significant progress of al-Farabi Kazakh National University is the result of transformation into a world-class research university.

The record success of KazNU is the result of the dynamic work of teachers, scientists and students. Undoubtedly, this is an indicator of global competitiveness and high recognition of the university in the international arena.

On June 8, 2022, Quacquarelli Symonds announced the results of the global World University Rankings (QS WUR). QS WUR is one of the most respected university rankings in the world. 2462 higher education institutions participated in the QS WUR ranking, of which only 1422 universities were ranked.

The QS WUR ranking of the best universities in the world has been published since 2004. The assessment of the best universities in the world in the QS WUR ranking is based on six criteria (see Table 1).

The list of 17 goals identified by the UN includes: the elimination of poverty and hunger; healthy lifestyle; the quality of education; gender equality; rational use of water resources; clean water and sanitation for all; access to energy sources; decent work and economic growth; industry, innovation, infrastructure and other requirements. Thus, KazNU ensures economic, social and ecological balance [2].

Table 1

№	Indicator	%
1.	Academic reputation	40 %
2.	Reputation among employers	10 %
3.	The ratio of teaching staff to the number of students	20 %
4.	Citation index	20 %
5.	The share of foreign teachers	5 %
6.	The share of foreign students	5 %

References

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