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State and trends of innovative development of Ukraine

It is a well-known fact that today the source of competitive advantages for enterprises, industries and national economies is the introduction of innovations. This is evidenced by the facts - five countries, namely: the USA, Japan, China, Germany, South Korea, account for 80% of the world's scientific research and experimental design works, patents and innovations [1]. First of all, industry forms the demand for science and technical education. Agribusiness also needs innovation to ensure the country's sustainable development and ensure food security. In addition to modernization of equipment, industrialization of agricultural machinery, the introduction of advanced technologies is urgent, for which new machines and equipment are directly needed. Defining and mastering innovative technologies requires competent, experienced employees - from enterprise management to the production process and its maintenance [2].

It should be noted that in the Global Innovation Index - 2023, Ukraine took 55th place in the rating, worsened its result by 10 positions compared to 2020, and improved the result by 2 positions compared to 2022. The indicator of innovative results has also improved - by 6 positions compared to 2022 [1]. The following indicators contribute to the achievement of such results: creative results (37th position), knowledge and technologies (45th position), human capital and research (47th position), business experience (48th position). According to the indicator of the expected productivity of innovations according to the level of income, the level of development of Ukraine exceeds forecast expectations. At the same time, the estimated indicators show that the economy of Ukraine effectively transforms expensive investments in innovation into more and better results.

In this regard, we believe that the focus should be on the need for the comprehensive development of Ukraine's human capital, the preservation of education, and the deepening of scientific research. Both state support and private business investment are necessary, and most importantly, the creation of conditions for the qualitative growth of enterprise personnel.

Informational sources:

1. Global Innovation Index 2023. Innovation in the face of uncertainty. URL: https://www.wipo.int/global_innovation_index/en/2023/index.html (дата звернення: 21.02.2024)

2. Bilousko T. Peculiarities of forming competencies of economists in the field of biotechnology. *Innovative educational technologies: European experience and its application in training in economics and management*: Proceedings of scientific and pedagogical internship. Riga, Latvia: "Baltija Publishing", 2023. P.26-28

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