

Innovation Process As The Main Factor Of Economic Development

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Abstract: The article examines innovative Development processes in the economy. The features and specifics of the Development of innovation processes in Uzbekistan are considered. An analysis of the scientific approaches of leading economists on the Development of innovative processes, factors contributing to the innovative Development of the economy, are scientific and technological progress, government support and entrepreneurial activity.

1 INTRODUCTION

In Uzbekistan, effective measures have been taken to reform the national economy. These measures include liberalizing foreign trade, tax, and financial policies, supporting entrepreneurship, and guaranteeing the protection of private property. Additionally, efforts have been made to promote deep processing of agricultural products and accelerate the Development of regions. The implementation of these reforms is guided by the "Development Strategy of the New Uzbekistan for 2022-2026" which aims to achieve sustainable economic growth and macroeconomic stability [1].

The strategy emphasizes the wide adoption of innovations in the economy and the Development of cooperative ties between industrial enterprises and scientific institutions. One of its main goals is to promote the adoption of innovative production technologies in regions transformed into innovation zones. These zones aim to produce high-quality products that are up to 50% cheaper than existing alternatives, with added value two to three times higher than the cost of raw materials. As part of this initiative, 195 projects with a total value of 165.9 billion Uzbekistani som have been implemented [1].

It is important to note that the information provided is based on search results and may not be comprehensive or up-to-date. For more accurate and detailed information, it is recommended to refer to official sources or recent reports on Uzbekistan's economic reforms. The direction mentioned is to improve the position of the Republic of Uzbekistan in the Global Innovation Index and be included in the top 50 countries by 2030 [1].

Previously, Uzbekistan ranked 93rd in the Global Innovation Index, which was a significant achievement for the country [2].

The goal of the Innovation Development Strategy of Uzbekistan is to reach the top 50 countries in the Global Innovation Index by 2030 [2]. However, I couldn't find specific information about the current position of Uzbekistan in the Global Innovation Index and the efforts made to improve its position. For more accurate and up-to-date information on Uzbekistan's position in the Global Innovation Index and the measures taken to improve it, it is recommended to refer to official sources or recent reports on Uzbekistan's innovation Development.

The direction mentioned aims to create broad opportunities in all areas for the implementation of innovative projects and the introduction of modern mechanisms to support research and innovation. In 2022, Uzbekistan ranked 10th among countries with below-average income and 3rd among countries in Central and South Asia, following Iran and India. Uzbekistan holds leading positions in Central and South Asia in indices such as institutions, human capital and research, infrastructure, and the level of Development of the domestic market [1]. According to the rankings, Uzbekistan demonstrates strong performance at the global level in indicators such as "Number of graduates in science and technology" - 6th place, "Gross accumulation of fixed capital" - 6th place, "Labor productivity growth" - 7th place, "Entrepreneurship support policy" - 22nd place, and "Cluster Development" - 27th place [1].

It is worth noting the significance and goal of innovation Development indicated by the indicator "Number of graduates in science and technology," which is closely related to the higher education

system. As a result, a new type of university has emerged - the innovation university, whose activities are aimed at creating innovations that significantly impact the state of education, science, economy, and social sphere of the country and regions. However, for more detailed information on the essence and purpose of innovation Development and the specific measures taken to improve indicators, it is recommended to refer to official sources or reports on innovation Development in Uzbekistan.

In the context of economic transformations, special attention is given to innovative Development processes. This is justified by the transition to global standards and an innovative type of economic Development in all sectors and so on. This implies promoting the implementation of new relevant innovative approaches for social and economic Development in all areas of activity, widespread adoption and application of new advancements in modern technologies, continuous renewal of the Development process, as well as the accelerated emergence of new needs and the emergence of new economic processes.

Translation: In the context of economic transformations, particular emphasis is placed on innovative Development processes. This is justified by the transition to global standards and an innovative type of economic Development in all sectors and so on. This involves facilitating the implementation of new and relevant innovative approaches for social and economic Development in all areas of activity, widespread adoption and application of new advancements in modern technologies, continuous renewal of the Development process, as well as the rapid emergence of new needs and the emergence of new economic processes.

According to Salnikov T.S. and Mezyakov Yu.A., the following types of processes are typically included in the sphere of innovative activity at enterprises in relation to the Development of production cycles:

- Processes of mastering new types of products, as well as processes of qualitative renewal of already produced products.
- Processes of mastering new methods of production and distribution of the product.
- Processes of entering new markets.
- Processes of mastering new sources of supply of production factors.
- Processes of mastering new forms of working with personnel.
- Processes of mastering new management methods.
- Processes of Developing new organizational management structures.
- Processes of implementing new strategic orientations in the enterprise's activities.
- Processes of mastering new sources and technologies for obtaining financial resources.

- Processes of implementing new technologies for accounting and utilization of financial resources.
- Processes of implementing new technologies for interacting with enterprise counterparts.

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Processes of mastering new types of products and qualitatively updating existing products.

Processes of mastering new methods of production and distribution.

Processes of entering new markets.

Processes of mastering new sources of production factors.

Processes of mastering new forms of working with personnel.

Processes of mastering new management methods.

Processes of Developing new organizational management structures.

Processes of implementing new strategic orientations in enterprise activities.

Processes of mastering new sources and technologies for obtaining financial resources.

Processes of implementing new technologies for accounting and utilizing financial resources.

Processes of implementing new technologies for interacting with enterprise counterparts

Based on the aforementioned opinions, we want to emphasize the process of innovation Development in education as one of the key aspects of innovative economic Development.

According to M.S. Ashurov, a candidate of economic sciences, "Universities play a central role in innovation Development. They conduct fundamental scientific research, educate specialists, provide conditions for scientific collaboration and exchange, and contribute to the emergence of new companies. Countries that provide state funding for fundamental research and natural science education generally excel in scientific innovations" [5].

Regarding innovation Development in education, L.I. Mironova, a doctor of pedagogical sciences, notes that "the education system in an innovative university is open to modern scientific research and the modern economy. The curriculum of an innovative university includes modern forms of education such as project Development, training, internships in production and research organizations. The technological equipment of

the educational process in an innovative university corresponds to the level of advanced science" [3, 146].

According to A.A. Grechenko, the foundation of an innovative university is based on innovations aimed at creating an innovative institutional structure that is competitive and financially effective. These innovations focus on high-quality educational programs and active interaction with external and internal partners [4]

When analyzing the Development of innovation processes in educational institutions, we should pay special attention to the following points aimed at achieving its goal:

Creating an innovative institutional structure

Developing high-quality educational programs

Active interaction with external and internal partners

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Active interaction with external and internal partners

The processes that are typically included in the sphere of innovative activity in education for qualitative Development of specialists who meet national and international education requirements are:

Processes of mastering new approaches and methods

Processes of mastering new labor markets for future employment of specialists

Processes of mastering new sources of material and technical base for Development

Processes of mastering new forms and approaches to working with the preparation of pedagogical personnel

Processes of mastering new management methods

Processes of Developing new organizational management structures

Processes of implementing new strategic approaches for qualitative Development in the educational process

Processes of mastering new sources and technologies for obtaining financial resources

Processes of implementing new technologies and approaches to linking theory and practice to improve knowledge and skills

Processes of implementing new technologies for interacting with counterparts in educational institutions[5]

To create an educational hub in the country. The basis for achieving this task is the adaptation of the science sphere to modern economic conditions, which should lead to fundamental changes in its structural, organizational, personnel, and financial support for its Development. However, there are also several obstacles on the path of innovative Development in education that hinder the achievement of strategic goals. The resonance of events is a natural process based on which the reasons that prevent the achievement of strategic goals are identified. These include lack of funding, weak legal regulation, and a shortage of specialists. To ensure successful innovation Development, it is necessary to provide access to funding, create conditions for the protection of intellectual property, and attract highly qualified specialists.

Innovative Development of the economy is a complex and long-term process that requires a comprehensive approach and cooperation between the state, business, and scientific community. However, innovations are the driving force of economic progress and social Development, and therefore investments and efforts aimed at their Development will be justified in the future.

Based on the above-mentioned points, the processes of innovative Development in education can include the following stages:

Identification of the problem or need: This stage involves analyzing the current state of the educational system and identifying problems that need to be solved or needs that need to be met.[6]

Research and Development: At this stage, new approaches and teaching methods are researched and Developed, as well as innovative educational technologies and resources. Testing: New approaches and teaching methods are tested on a small scale, for example, in individual universities or industries. Possible problems and difficulties are identified and corrected during testing. Implementation and scaling: Successfully tested innovations are implemented on a wider scale in the education system, for example, in other schools or regions. An important stage is preparing teachers to work with new methods and technologies.

CONCLUSIONS

Evaluation and analysis of results: During the implementation of innovations, their impact on the quality of education is evaluated and analyzed. The results help determine how successful the innovative changes have been and whether they need further Development or correction. Stabilization and strengthening: After successful implementation of innovations, they are stabilized and strengthened in the education system. This includes support and updating of innovative methods and technologies, as well as the Development of teachers' professional competence. In conclusion, innovative Development in education is

the process of creating and implementing new approaches, methods, and technologies in the field of education with the aim of improving the quality of learning and achieving better educational outcomes.

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