

INNOVATIONS IN THE MECHANICAL ENGINEERING INDUSTRY**G'ovsiddinova Mavludakhon Khayrullayevna**

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Annotation: In order to ensure sustainable economic growth in our country, the process of transition to an innovative system of development of the economy is being carried out. The center of such a development system is moving to the initial level of the complex of our national economy-enterprises, firms, companies, corporations, joint-stock companies, it is at this level that discovery inventions and scientific research are becoming new technologies, products, techniques, information communications in newly built or updated firms and enterprises. This article will provide feedback and feedback on the use of innovation in the mechanical engineering industry and the importance of new technologies.

Keywords: *Innovation climate, innovative attractiveness, competitiveness, investment, machines.*

An innovative economy, with the regular development of technological processes, makes it possible to create an excessive flow of innovations. In general, the desire and need for a large income encourages a private owner to carry out a specific, profitable business that he did not have in his competitors so that things would be attracted and sold well. Economic Freedom, competitive markets, rule of law and private profit, which automatically develops innovations, increases demand for them, attracts investment in an innovative product, bridges between an idea and an innovative brand. High technologies will allow the country to move forward and approach developed countries in the near future with the economy per capita.

Innovative activity is a type of activity associated with the transformation of scientific research or scientific and technical achievements into a new or improved product used in practical activities into a new approach to technological processes or social services. Innovative activity - the implementation of the results of completed scientific and technical achievements and developments or other scientific and technical achievements in new or improved products sold on the market, a process aimed at a new or improved technological process that is used in practical activities, as well as additional scientific research and development related to it.

Technology is making a huge difference in all sectors of the economy. These changes were felt in the health sector, in the financial world, in entertainment and even in government. The good news is that these changes make the world a better place! One of the main sectors affected by this interruption is education. These innovations gave the classrooms a new look and changed the way the classes were held. Here are the six best technological innovations that will make a big difference in education.

Currently, there is an increase in the growth of competition in the field and in the markets of machine-building products. The overall goal of mechanical engineering at the moment is to create an active part of the fixed capital of the economy. In the process of investment and construction activities, equipment and machines for various purposes, devices and aggregates, vehicles, nodes turn into the main capital of the economy of our country and thereby form a production apparatus. Thus, there is a reproductive process in the national economy. At the moment, the national machine-building industry does not properly ensure the existence of a competitive economy in Russia. Almost a third of the fuel and raw materials exports of the Russian Federation are spent on the import of equipment

and machinery. In order to maintain their monopoly on the market in conditions of intense competition, machine-building enterprises need to solve many problems, for example: product quality management, bringing complex products to the market with new consumer properties, expanding its assortment, etc. To successfully solve these problems, it is necessary to master and implement innovative programs that are aimed:

- development of advanced enterprise management systems, introduction of new technologies and advanced equipment into production processes;
- creation of new high-performance production facilities and reconstruction of enterprises operating on an innovative basis, including with international participation, by developing and implementing an optimal strategy for their development;
- development of technological equipment and production of machines that ensure productivity growth, energy and resource conservation;
- implementation of quality and environmental management systems in accordance with the requirements of international standards;
- development of technical regulations and other regulatory documentation harmonized with advanced international standards;
- creating conditions conducive to attracting qualified specialists to science.

Without a strong, advanced machine-building complex, the industry of the Uzbekistan and the economy as a whole will not be full-fledged and competitive. Technological and innovative renewal of the enterprises of the machine-building complex is the basis for increasing the sustainability of the Russian machine-building industry. The effective work of machine-building enterprises in a market economy is aimed at establishing economic processes that cannot be carried out

without the widespread introduction of organizational and innovative transformations in all areas of production activity and which should be based on the achievements of scientific and technological progress.

The constant increase in technological accuracy, design complexity and power of industrial equipment leads to an acceleration of the moral aging of production equipment, which is caused by the acceleration of scientific and technological progress. To overcome this problem, it is necessary to search for innovative solutions aimed at the development of national engineering and the production of competitive products. In the light of these events, the most important priority for the development of machine-building enterprises in the near future should be the creation of conditions that ensure the stable functioning of enterprises, allowing them to create a basis for the quality of economic growth and make the transition to a new economic structure. Today, the main generators of innovation are federal state scientific institutions in leading innovation-oriented countries, such as France and the USA. That is why the experience of international countries in building competent stimulation of the scientific community will allow in a short time to significantly activate innovative activities in the economy of our country.

Conclusion. Our country is at the very beginning of its innovative development. Increasing the pace of mastering the latest technologies and advanced technology will help to make a shift in increasing the productivity of economic activity in the branches of the machine-building complex and strengthen their positions of machine-technical products in the domestic market. Currently, a possible model of modernization of the Uzbekistan economy by stimulating innovation is being actively discussed. At the same time, tax incentives for scientific and technical activities and implementation activities in the company are recognized

as one of the main conditions for the formation of a productive innovation environment, therefore, in this regard, various approaches to creating favorable tax conditions for innovative companies are being considered, but it is difficult to predict what the system of future benefits will be.

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