

INNOVATION INFRASTRUCTURE OF REPUBLIC OF BELARUS

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Резюме – в статье описывается какую роль играет инновационная инфраструктура в Республике Беларусь.

Resume – the article describes the role of innovation infrastructure in the Republic of Belarus.

Innovation infrastructure today is one of the most important sectors of the economy and development in general of any country. Innovation infrastructure is the set of all organizations, institutions, programs and services that promote development and facilitate innovation. Inclusive and sustainable industrialization, as well as innovation and infrastructure, can unleash dynamic and prosperous economic forces that create jobs and income. They play a paramount role in introducing and promoting new technologies, facilitating international trade, affirming national development and ensuring efficient use of resources.

Currently, the Republic of Belarus is undergoing a complex process of improving and restructuring the current economic situation in order to contact developed countries and adapt to the surrounding world as a whole. The Republic of Belarus is actively developing its innovation infrastructure as part of the country's strategic goal of transition to a new innovative economy. Innovation infrastructure plays a critical role in encouraging research and development, monopolizing innovation, and facilitating relationships among multiple innovation stakeholders. Innovation infrastructure plays a major role in the creation and development of the innovation cycle, which contributes to the emergence and growth of innovative enterprises and stimulates innovative activity in society.

At the moment, Belarus is developing in several main areas of innovation. Belarus has created several innovation clusters and technology parks that serve as platforms for cooperation between research institutes, enterprises and investors. Key clusters include information technology, biotechnology, nanomaterials and food production. In total, there are 17 technology parks in the Republic of Belarus. Such organizations currently operate in all regions of the country and in the capital. Branches of technology parks have recently opened in Molodechno and Bobruisk, and a branch of the Brest Science and Technology Park will soon open in Baranovichi. The country has a large number of research institutes that conduct fundamental and applied research. These institutions work closely with industry, providing expertise and innovative solutions: in 2022, about 400 organizations in the Republic of Belarus were conducting research and development, introducing the latest scientific and technical ideas. The main research institute is located in Minsk. Belarusian industry keeps up with the times and is always ready to produce new and unique things. For example, the Belarusian BELAZ dump truck is listed in the Guinness Book of Records as the largest ve-

hicle in the world. It is already used at one of the coal mines in Kuzbass and is popular among our partner countries. Of course, electric vehicles are just beginning to penetrate the Belarusian market. Belarusian innovations are not lagging behind in the medical field. Not only new drugs are being introduced, but also special devices to simplify the work of doctors. A spectral-dynamic medical complex has been invented, which is a universal platform for a number of new applied medical technologies, which, in turn, are increasingly used in the healthcare sector. The equipment is manufactured and approved for use in the Russian Federation and the Republic of Belarus, has passed a full cycle of clinical trials in both countries and has received a fairly high rating from the medical and scientific community.

It must be said that the advantage of innovation is also present in the human sphere. Old managers with an authoritarian and conservative type of management are being replaced by younger ones who are more flexible in their thinking and are constantly looking for modern management techniques. Therefore, the Republic of Belarus welcomes young, ambitious specialists who are ready to generate more and more new ideas. With these fresh and creative ideas, our country will increase its potential and can reach its peak of prosperity.

The introduction of innovations in various areas of our country has a large number of advantages. Firstly, increasing competitiveness. The development of innovation infrastructure allows enterprises and organizations to introduce new technologies, products and services, which makes them more competitive in the market. Secondly, cost reduction. Innovative technologies and processes can significantly reduce production costs, as they are often more efficient and energy efficient than traditional methods. The quality of products and services is also improving, which is extremely important for the lives of people in Belarus. Innovative infrastructure allows for the introduction of new quality control methods, allowing businesses to produce higher quality products and services.

The main goal of innovation infrastructure is to create a favorable environment for innovation, facilitate the commercialization of scientific and technological developments, create new jobs and increase economic growth. It also promotes the connection of research, education, business and government to jointly develop innovation.

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EXPLORING THE RELATIONSHIP BETWEEN TECHNOLOGY AND ECONOMIC GROWTH

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Резюме – в данной статье рассматривается, как технологии сделали процесс выхода на международный рынок проще для бизнеса, оказав при этом большое влияние на экономику. Автором было выявлено, что технологии действительно оказали мощный толчок в развитии экономики, а так же улучшили уровень жизни.

Resume – this article examines how technology has made the process of entering the international market easier for businesses, while having a great impact on the economy. The author revealed that technology has really provided a powerful impetus to the development of the economy, improved living standards.

Introduction. In our world today, it is difficult to imagine life without technology. After all, all economic booms have occurred only thanks to rapid technological progress. The purpose of this article is to explore the relationship between economics and technology. First of all, technological progress has affected a large number of sectors. Machine learning, automation of equipment and, in general, digital technologies have given a powerful impetus to the development of the modern economy [1]. Digital technologies have increased labor productivity at enterprises, increased the competitiveness of companies, reduced production costs, and also influenced the economic growth of enterprises as a whole. Secondly, technology has contributed to the development of the Internet, which has helped connect consumers and businesses around the world, thereby opening up new markets and increasing international trade.

Main part. Technology has made it easier for businesses to enter the international market and sell their goods or services, which has had an even greater impact on the economy. In addition to the work of enterprises, technology has improved infrastructure, as well as telecommunications and transport systems. The development of smart cities and infrastructure has contributed to rapid economic growth, capable of providing better living conditions and attracting investment [2]. Over the past couple of years, there has also been rapid growth in the financial sector, which has led to the emergence of powerful financial technologies. Financial technology has transformed, making the transaction system faster and banking applications secure and accessible to everyone. The development of the financial sector has enabled companies, individuals and others to