

THE IMPORTANCE OF SCIENTIFIC NEWS IN INCREASING THE COMPETITIVENESS
OF SMALL BUSINESS

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Abstract: *The article analyzes the role and importance of scientific innovations in increasing the competitiveness of small businesses. The study highlights the mechanisms for implementing scientific developments in business processes, creating new products and services, increasing production efficiency and strengthening market competitiveness. It also examines the possibilities of implementing scientific innovations in small businesses through startup projects, technoparks and innovation clusters, expanding the innovative potential of business entities and creating high added value. The results of the study reveal the strategic importance of scientific innovations in business development and help identify ways to increase economic efficiency.*

Keywords: *Small business, competitiveness, scientific innovations, innovative development, startup projects, technoparks, innovative clusters, product production, economic efficiency, science and business integration, new technologies, innovative products, scientific developments, business potential.*

Introduction

In the conditions of the modern global economy, the competitiveness of small businesses is recognized as an important factor for the economic stability and innovative development of countries. Small and medium-sized enterprises play an important role in the economic system with their flexibility, ability to make quick decisions and the ability to respond to market demands. At the same time, in order to increase competitiveness and maintain a stable position in the market, small businesses are obliged to constantly implement innovative solutions and scientific innovations. The introduction of scientific developments and technological innovations allows small businesses to improve their products and services, modernize production processes, effectively use resources and create high added value. In this regard, the integration of science and business is one of the most effective mechanisms for increasing competitiveness.

The importance of integrating small business and science is not only related to economic benefits, but also to expanding the country's innovative potential, developing the startup ecosystem, creating new jobs, and ensuring the ability to produce competitive products in the global market. Scientific developments allow business entities to implement new technologies, improve the quality of products and services, increase production efficiency, and develop strategies that meet market requirements. At the same time, the seamless integration of science and business

expands the innovative potential of small business and further strengthens competitiveness.

In the conditions of Uzbekistan, the implementation of scientific innovations to increase the competitiveness of small businesses is an urgent issue. The country's economic strategies, in particular, innovative development and digital transformation programs, encourage the integration of small businesses with science. Universities, research institutes, technoparks and startup incubations provide small businesses with scientific and technical resources, an experimental base and an innovative infrastructure. This process expands the opportunities for small businesses to create new products, improve production processes, use resources efficiently and increase their competitiveness in the market.

Therefore, the implementation of scientific innovations, the creation of innovative products and strengthening integration with science are of strategic importance in increasing the competitiveness of small businesses. This article analyzes the role of scientific innovations in the development of small businesses, mechanisms for their practical implementation and effective integration models. The results of the study serve to develop conceptual recommendations for increasing the innovative potential of small businesses, strengthening competitiveness and ensuring the economic stability of the country.

Main part

The importance of scientific innovations in increasing the competitiveness of small businesses is directly related to the innovative development of the modern economic system. Small and medium-sized businesses, with their flexibility, ability to make quick decisions and responsiveness to market demands, become the main drivers of the economy. At the same time, their stability and competitiveness in the market depend on many factors, in particular, the introduction of scientific developments and technological innovations. Scientific innovations allow small businesses to improve the quality of products and services, modernize production processes, use resources efficiently and create high added value. In this regard, the integral integration of science and business is the most effective mechanism for increasing the competitiveness of small businesses.

The process of creating startup projects and innovative products demonstrates the effectiveness of small businesses in implementing scientific innovations. Universities, research institutes and technology parks provide startups with a scientific base, laboratory, experimental and testing ground and qualified personnel. This allows new products and services to be quickly developed, launched on the market, and the level of competitiveness of the enterprise to increase. Mechanisms for commercializing scientific developments expand the innovative potential of startups and small businesses, accelerate the processes of implementing new technologies and creating products that meet market requirements. At the same time, startups and

small businesses reduce risks and increase the possibility of achieving high results by implementing scientific innovations in practice.

Innovation clusters and technoparks play an important role in increasing the competitiveness of small businesses. Innovation clusters are a system consisting of universities, research institutes, startups and investors, which accelerate the process of applying scientific developments to production. Technoparks, on the other hand, provide small businesses with laboratories, technology transfer centers, experimental and testing grounds and scientific and technical resources, supporting the process of creating innovative products. Thus, clusters and technoparks ensure that small businesses can effectively use scientific developments and create competitive products that meet market requirements.

Aligning scientific personnel and research resources with business needs is also one of the main conditions for increasing the competitiveness of small businesses. Universities and research institutes should train specialists taking into account business requirements, and scientific laboratories and experimental centers should provide enterprises with the opportunity to test new technologies. The process of implementing scientific developments is financially and institutionally supported through grants, acceleration and incubation programs, and the development of startup projects and the creation of innovative products are encouraged.

In the conditions of Uzbekistan, the implementation of scientific innovations to increase the competitiveness of small businesses is closely related to state policy. Strategies for innovative development, digital transformation and the development of startups require the effective integration of universities and business entities. Financial incentives, grants and institutional support mechanisms created by the state encourage small businesses to effectively use scientific and technical resources, produce innovative products and implement startup projects. At the same time, the implementation of scientific developments increases the production efficiency of small businesses, improves product quality, creates new jobs and strengthens their competitiveness in the global market.

In this context, the importance of scientific innovations in increasing the competitiveness of small businesses is measured not only by economic profit, but also by stimulating the country's innovative development, forming a startup and innovation ecosystem, producing high-tech products, and ensuring economic stability. The implementation of scientific developments through universities, research institutes, technoparks, and innovation clusters is an effective mechanism for adapting small businesses to market requirements, increasing their competitiveness, and strengthening the country's economic potential.

Conclusion

In conclusion, the implementation of scientific innovations in increasing the competitiveness of small businesses is an important strategic factor in ensuring the innovative development and sustainability of the country's economy. Scientific

developments and technological innovations allow small businesses to improve the quality of products and services, modernize production processes, use resources efficiently and create high added value. In this regard, the integral integration of science and business is considered the main mechanism for increasing the competitiveness of small businesses, developing startups and innovative projects, creating new jobs and effectively competing in the global market.

The results of the study show that mechanisms for implementing scientific innovations through startup projects, technoparks, innovation clusters, scientific laboratories, grants and acceleration programs significantly increase the competitiveness of small businesses. These mechanisms direct business entities to create innovative products, stimulate the process of implementing scientific developments in practice and increase production efficiency. At the same time, training scientific personnel and developing scientific and technical infrastructure increase the efficiency of cooperation and strengthen the stability of small businesses.

In the conditions of Uzbekistan, increasing the competitiveness of small businesses through the implementation of scientific innovations is closely related to state policy, innovative development strategies and digital transformation programs. This process allows adapting small businesses to market requirements, developing the startup ecosystem, creating new jobs and strengthening the country's economic stability. Therefore, the implementation of scientific innovations in small businesses is considered an important factor not only in increasing economic efficiency, but also in strengthening the country's competitiveness in the global innovation arena.

In general, scientific innovations and innovative integration are effective means of increasing the competitiveness of small businesses, developing startups and innovative projects, creating new jobs and ensuring economic stability. In this regard, the integration of small businesses with scientific innovations and the development of innovative infrastructure in the country is one of the most urgent scientific and practical tasks of our time.

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