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DIRECTIONS OF DEVELOPMENT OF INNOVATIVE ACTIVITY IN THE REGIONS

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ABSTRACT

One of the priority strategic directions for improving the competitiveness of any region is the effective use of human capital, the use of resources and high technologies. This article discusses the factors that influence the innovative development of regions, and the main directions. The Resolution of the President of the Republic of Uzbekistan dated May 5, 2018 “On additional measures to create conditions for the development of active entrepreneurship and innovative activity” No. PP-3697 pays great attention to these issues. In the economies of developed countries, such a system of relations between industry, society and science is formed, which focuses mainly on innovative development, where innovations serve as a basis for the development of these categories, which in turn stimulate the development of innovation.

KEYWORDS: *Intellectual Resource, Innovation, Free Economic Zones, Strategy, Business Incubator, Technology Transfer, and Business.*

INTRODUCTION

The main global trend in the formation of modern society is the transition from a raw materials and industrial economy to a new economy based on intellectual resources, knowledge and information technology. In the economies of developed countries, such a system of relations between industry, society and science is formed, which focuses mainly on innovative development, where innovations serve as a basis for the development of these categories, which in turn stimulate the development of innovation. Thus, through joint efforts, the state, business and scientific environment, as well as society can form a mechanism for innovative development

of the country, so both the center of Uzbekistan and the regions need to talk about the need for a new type of development - innovation.

Economically developed countries have organically integrated innovation infrastructure into their national innovation systems. As a result, a system of public-private innovation partnership has been formed in which government and business act as equal and complementary partners. The state creates a favorable environment and environment to stimulate entrepreneurship by supporting research and education, which serve as sources of innovation, and the business assumes all commercial risks of operating in the market of innovative products.

The experience of many countries shows that small business cannot be developed on a large scale without the active support of the general and innovative, in particular, the state. The essence of this support should be, first of all, the creation of a favorable environment for the development of small innovative businesses, the creation of innovative infrastructure.

In particular, a lot of work is being done in Uzbekistan in this direction. The Resolution of the President of the Republic of Uzbekistan dated May 5, 2018 "On additional measures to create conditions for the development of active entrepreneurship and innovative activity" No. PP-3697 pays great attention to these issues. The country pays special attention to the support and encouragement of active entrepreneurship, the introduction of innovative ideas and technologies, the creation of the necessary conditions for the rapid development of science and innovation, which will increase the socio-economic potential of the regions and sustainable growth of living standards and welfare.

At the same time, the results of the analysis show that there are a number of systemic problems in the country, including the following, which hinder the further improvement of conditions for the development of active entrepreneurship and innovation.

first, there is no systematic analysis of the market of advanced and modern innovative developments, technological projects-startups and innovations, taking into account the existing resource base and potential of the regions;

Secondly, the work on attracting investments to innovative projects-startups, promoting and coordinating the activities of talented entrepreneurs who actively introduce innovations in the field of production and services is not carried out;

Third, in the field of innovative development, especially in the field, the business environment remains low, as well as the lack of entrepreneurs with the necessary skills to develop and promote innovative and successful technological projects-startups;

fourth, there is no database of innovative ideas, developments and technologies, the practice of creating new resources and transferring experience to business structures remains underdeveloped;

Fifth, mechanisms to support the market of innovative developments are poorly developed, coordination of the effective use of innovative ideas is not established, and the quality of innovative developments does not meet market requirements;

Sixth, insufficient attention is paid to the involvement of graduates of technical higher education institutions and talented youth in the field of innovative developments, technological projects-startups, as well as the creation of business incubators;

Seventh, the promotion of innovative entrepreneurship among the population is not carried out effectively, technical and psychological barriers to attracting to the development and promotion of innovative products and services remain [1].

LITERATURE REVIEW

Let's take a look at the ideas about the essence of innovative development in the scientific community.

According to S.S.Neustroev, the main ways to increase the innovative development of the region are: to create favorable conditions (legal, economic, financial and organizational) for the development of innovative activities of all economic entities, taking into account regional characteristics; formation of developed infrastructure and institutional framework for innovative activities; financial support for innovative activities; formation of regional groups; staffing in the field of innovation [4].

V.I.Menshikova and V.I.Abdukarimov distinguish 4 groups of regions according to the level of development of innovative potential and suggest the following ways of its development: leading regions are the most effective polygons for public investment in the development of innovative potential and other methods of state support; medium-level regions require certain expenditures of financial resources and state support for current and short-term innovation activities; low-income regions require more financial resources than the low-income regions and the development of special measures of state support in the near future. Formation and development of the main priority area of knowledge in the development of innovative development strategies; the implementation of a region-growth strategy without innovative capacity is now almost hopeless [5].

A.A. Shashko believes that special attention should be paid to the scientific and technical component of innovation potential: enterprises focus on increasing innovation sensitivity, their development-and resource-saving, high-tech technologies, and new types of products, mainly local fuel use, unconventional and in renewable energy sources [6].

A.A.Trukhlyaeva and Yu.V.Zadorozhneva identify the following priority strategic directions for the development of innovation potential: support of basic research in the field of innovation in order to strengthen and develop innovative potential; development of the technical base, which determines the scope and pace of innovation; financial incentives for innovation (direct and indirect) in order to develop financial capacity; improving the regulatory framework to develop institutional capacity; formation of regional innovation infrastructure for the development of organizational capacity; to form an information infrastructure to support and account for its results to develop information capacity [7].

Many of L.E. Mindeli's works are dedicated to the development of research and development. The author notes that all the major technological innovations that have a positive impact on economic growth occur in the scientific field [8].

Results

In our opinion, in order to increase the role of science in economic growth based on innovative development, it is necessary to address the following key tasks:

- Improving competitive mechanisms for the allocation of various resources;
- The formation of the state order of research and development, taking into account the most important areas of science and technology;
- The coordination of research and development in various fields of science;
- The comprehensive nature of research and development support, including organizational and investment components;
- The coordination of priorities of scientific and technological development between real sector companies, scientific and scientific-educational organizations, development of cooperation between them;
- The development of cooperation between scientific organizations, the formation of research networks and partnerships.

Prospects for the development of innovative activities in Uzbekistan are reflected in the Decree of the President of the Republic of Uzbekistan dated September 21, 2018 No PO-5544 "On approval of the Strategy of innovative development of the Republic of Uzbekistan in 2019-2021". The main objectives of the strategy are to achieve the entry of the Republic of Uzbekistan into the top 50 countries in the world by 2030 according to the Global Innovation Index; improving the quality and coverage of education at all levels, developing a system of continuing education, ensuring the flexibility of the training system to the needs of the economy; creation of effective mechanisms for the integration of education, science and entrepreneurship to strengthen the scientific potential and increase the effectiveness of research and development, the widespread introduction of the results of research, development and technological work; strengthening the introduction of public and private funds for innovation, research, development and technology, the introduction of modern and effective forms of financing activities in these areas; increase the efficiency of public authorities through the introduction of modern methods and tools of governance; ensuring the protection of property rights, the creation of competitive markets and equal conditions for doing business, the development of public-private partnerships; creation of sustainable socio-economic infrastructure [2].

As the problems of innovation development are similar in many respects at the level of the country and its regions, the ways to solve them and the prospects for development will be very close.

Innovative environment, innovative infrastructure and innovative mechanism create a favorable basis for innovative development. The innovation infrastructure and mechanism can be identified as key components of the innovation system. This system, in our opinion, consists of a number of levels:

- Nano-level (level of innovative activity, including the specific individual);
- Micro-level (including innovative activities at the level of a separate enterprise);

- Meso-level (including the level of innovative activity of a single region);
- Macro level (including the national scale of innovation activity). Among these components, the regional level ranks second after the macro level and carries a significant innovation burden accordingly. Consequently, it can be said that the regional environment largely determines the competitiveness of national business in the modern market [3].

Analyzing the innovation situation in the country, in 2019, each innovation-active organization introduced an average of 5 (Kashkadarya region) to 214 innovations (Tashkent).

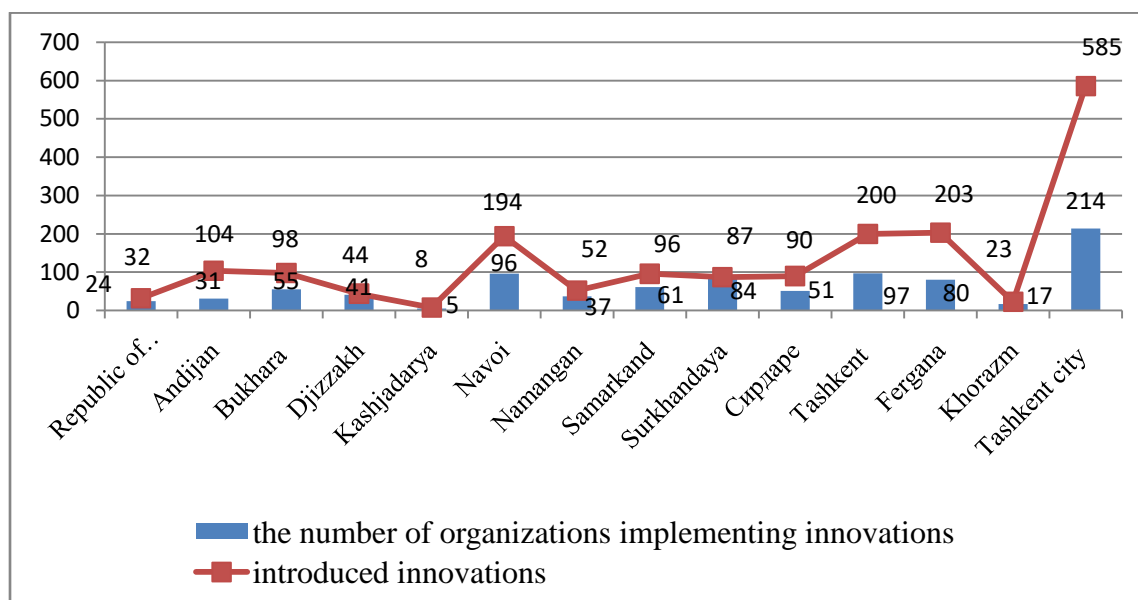


Figure 1. Number of organizations and number of innovations in the regions of the Republic of Uzbekistan(compiled by the author)

In particular, the most innovative organizations are in Navoi, Surkhandarya and Tashkent regions, as well as in Tashkent.

CONCLUSION

Thus, based on the analysis of the innovative activities of the regions, as well as the identified barriers to innovation, we have developed the following promising areas of development: improvement of regulations governing and encouraging innovation, including the protection of intellectual property. Also, the creation of a program-oriented and strategic planning system in the field of innovation; creation of an effective system of state funding of innovative projects; strengthening the organizational and economic state support for innovation activities (tax benefits and subsidies; grants; loans; loans; guarantees; consulting and information support, etc.). government incentives for businesses to use innovations; incentives to create new small innovative enterprises (start-up companies); implementation of comprehensive state support, especially for important innovative projects; formation of demand for innovative goods and services; increase the innovative activity of enterprises; technological renewal and re-equipment of material and technical base of enterprises; increase the competitiveness of organizations and enterprises in the field of innovation; increase research and development efficiency; application of the results of scientific research and development in industrial production; ensuring the

reproduction of human resources for the innovation sector, including management; creation of effective objects of innovative infrastructure (educational institutions, research and development centers, technology transfer centers, business incubators, etc.); creation of special economic zones (SEZs) of technical and technological type. FEZs are regional points of innovative growth of the national economy. Their attractiveness to investors is explained by the preferential tax and customs regime. In our opinion, the introduction of special economic zones of technical and innovative types in the regions with the level of development of innovation potential “A” and “B” makes sense; improving the level of innovation culture.

Thus, we believe that the main promising areas of innovative development of the regions of Uzbekistan include: improving the regulatory framework, creating an effective system of public funding, creating demand for innovative goods and services, increasing the innovative activity of enterprises, human resources, effective innovation creation of infrastructure facilities, etc. At the legislative level, the development of innovation is reflected in the Decree of the President of the Republic of Uzbekistan dated September 21, 2018 PO-5544 “On approval of the Innovation Development Strategy of Uzbekistan in 2019-2021”, which defines the goals, objectives, opportunities and stages of implementation of the strategy. There are also many authorial positions in the scientific literature aimed at activating innovative activities.

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