



## Ways To Effectively Use Industry Innovations

**Kodirjon Maxamadaminovich Umardulov**

PhD, Associate Professor, Namangan State University, Uzbekistan

**Yulduz Shahabiddinovna Khayrullaeva**

Master's Degree Student, Namangan State University, Uzbekistan

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### ABSTRACT

This article explains the importance of innovation in industrial production, analyzes the factors hindering the development of the industry, reveals the directions of innovation formation and transfer in industries and companies, develops ways to accelerate innovation in industry.

### KEYWORDS

Industry, innovation, innovative activity, project, Namangan.

### INTRODUCTION

For the effective development of any country, all sectors of the economy must be successful. A country with a developed industrial complex can have an advantage in economic development and ensure an increase in living

standards. Industry, as the leading branch of material production, on the one hand, creates consumer goods, on the other hand, it provides other sectors of the economy with means of production. Therefore, the

development of other sectors of the national economy also depends on the level of development of industry, the efficiency of enterprises operating in the sector. The increase in efficiency in industrial enterprises is due to the application of innovations in them.

Innovation is an important component of human development, which depends on the development of the economy, which is changing the material, technical and technological basis of production. Science has become the direct basis of production and the driving force behind its development. The development of productive forces, increasing their efficiency is the basis of innovation. Innovation is a step taken to reach new technological levels and plays an important role in scientific and technological progress and the industrialized economy.

A number of measures are being taken in our country for the innovative development of industry. In particular, various programs for the development of industry are being developed, on the basis of which many projects are being implemented. However, it must be acknowledged that the majority of industrial enterprises do not make effective use of scientific achievements and on this basis produce high-quality products. In this regard, it is important to strengthen scientific research on this topic, increase the efficiency of the use of innovative technologies.

### THE MAIN PART

Ўрганил-ган тадқиқотлар шуни кўрсатадики, саноат мажму-асининг development began in England and later spread all over the world. T. Mor, a representative of feudal society, believed that the beginning of the development of the industrial sector and the main reason for the industrial revolution was the seizure of arable land, the abolition of the peasantry and its expulsion from the streets [1; 48 b.]. M., one of the representatives of the school of mercantilism. According to Blaug, in

order to support the industry, it was necessary to import cheap raw materials, impose protectionist tariffs on imported industries, and stimulate the export of finished products. Glazev S.Yu., who conducted research in the field of industrial development. [2; 205 b.], Grin-berg R.S. [3; 350 b.], Tatarkin A.I. In their research, scientists such as [4] have noted that innovation is a key factor in the intensive development of the industrial complex. In this direction, the factors influencing development are considered as systemic factors, and they are divided into external and internal factors.

It is difficult to develop an innovative model of industry without effective use of economic advantages. The priority of innovative development of the industrial complex is to increase the scientific and technical level of industry, the use of innovation in the formation of technological chains, strengthening inter-sectoral integration, deepening specialization in industry and trade and the formation of industrial clusters.

So, there are several types of innovation infrastructure. The formation of science parks, research parks, incubators, innovation centers, techno-parks, clusters, which are the result of the integration of industrial production and science, are the most important steps in this direction. In many cases, these facilities reflect a large regional scientific and industrial complex, which covers all stages of the innovation process. A science park is an integrated form of science and industry, while a research park is a set of non-profit research institutes that have close ties with industry.

### RESULTS AND DISCUSSION

Transforming the industry into one of the leading industries is a complex and continuous process. Many countries in the world are more or less industrialized. However, in order to consider a country as "industrialized", it is necessary to have a high share of industry in the economy, in particular, in the structure of

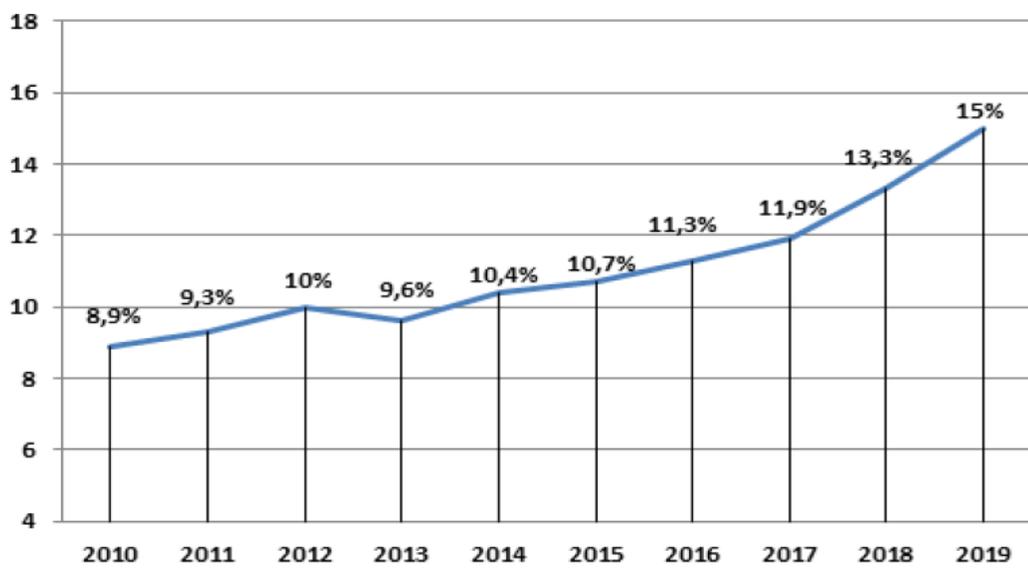
gross domestic product and GDP, to be able to apply advanced technologies to all industries. An important feature of the industrial complex is that in all its branches are created means of labor and consumer goods, a large part of national income, scientific and technological progress is achieved. One of the largest sectors of the Uzbek economy is industry.

“According to research from Harvard University, our country has all the opportunities and relative advantages in the production of more than 50 industrial products. In particular, there are all the necessary conditions for the petrochemical, metallurgical, mechanical engineering, electrical engineering, pharmaceuticals, construction materials, textiles, leather and footwear, food and other industries related to the "green economy" to become "drivers" of our economy.

At present, industrial clusters such as decorative stones in Gazgan, ready-made clothes in Namangan, Technopark in Yashnabad district of Tashkent are showing their effectiveness and demonstrating the advantages of this system.

Thanks to the promising projects being consistently implemented in our country, the national and regional industrial potential is growing. In particular, in Namangan region in recent years has been achieving stable growth rates in all sectors of the economy due to the implementation of the parameters set out in the sectoral programs and decisions adopted by the government. First of all, it is necessary to consider the share of industry in the gross regional product in order to study the general situation on the development of industry in the region and its role in the regional economy.

Figure 1 below shows the percentage of industry in the gross regional product of Namangan region over the past decade. The data show that the share of industry in the gross regional product is growing from year to year, only in 2013 there was a slight decline. By 2019, it was 15% and there was an increase in the overall situation for the period under study. The general conclusion from the analyzed data is that industry is one of the main factors that make up the gross regional product of the region, and the importance and potential of this sector is growing from year to year.



Наманган вилояти статистика бошқармаси расмий веб-сайти маълумотлари асосида муаллифлар томонидан тайёрланди

**Figure 1.**  
The share of industry in the gross regional product of Namangan region (in%)

As shown in Figure 2 below, the volume of industrial production in the region has been growing annually in 2010-2019, but the growth rates are not stable. For example, while growth was also observed in 2012, 2013, 2016, and 2018,

these growth rates were lower than last year. It should be noted that by 2019, the growth rate of industrial production in the region will be 18%, the highest in the last decade.



**Figure 2.** Growth rate of industrial production in Namangan region (in% compared to last year)

However, despite the fact that in our country, especially in Namangan region, there are great opportunities for further development of industry, there are also obstacles to this, which include:

- Weak material and technical base;
- Increase in production costs for transportation, storage and processing of raw materials;
- Low level of technology;
- High costs of production;
- Lack of private financial resources for enterprise development.

One of the effective ways to solve such problems is to attract investments, subsidies

and other targeted sources of funding to the industry and to take measures to increase their efficiency and accelerate the application of innovations in the industry.

It is known that in order for any country to be competitive, it must first make effective use of scientific and technological advances.

Based on our research, we can say that in order to increase the efficiency of industrial products, it is necessary to introduce investment and innovation management methods. The reason is that in today's highly competitive environment, as a result of strong competition in industrial enterprises, the effective use of scientific and technical potential is becoming more difficult.

This is due to the fact that the market mechanism for the formation of innovations and the implementation of the transfer process in industries and companies is limited in the following ways:

- 1) Lack of financial resources for the implementation of large-scale innovations in certain industries and businesses;
- 2) If innovations are not managed in a complex way, that is, if they are not linked to all other elements of production, they will lead to huge losses for the industry and the economy as a whole;
- 3) Innovative projects are often uncertain. This means that the level of risk is high. The risk is that the economic environment will need to change in order to implement the project. Excessive costs are incurred to cover them;
- 4) The effect of innovation can be long-lasting. Therefore, a decision based on a preliminary assessment of the full effectiveness of the project is a complex issue;
- 5) The high cost of new products and services often limits their widespread use. This may be associated with high costs during the development of innovations.

## CONCLUSIONS

It is known that the acceleration of innovation is one of the most pressing issues today. Therefore, it is advisable to achieve the following in the industry:

- Introduction of new innovative technologies in business activity;
- Extensive and effective use of scientific achievements;
- Introduction of the most modern technologies in production;
  - Development of innovations in all sectors and branches of the national economy;
  - Use of potential customers by improving the institutional framework of resource-

saving, import-substituting, environmentally friendly technologies;

- Introduction of small innovative projects in the industrial sector, entrepreneurs to take advantage of it and use the available opportunities in private financing, etc.
- We believe that it is possible to increase the export potential of industrial enterprises, intensify production, develop diversification and introduce others.

Success in these areas will, of course, lead to an increase in the share of innovative products, intensification of research, improving the attraction and investment of industrial enterprises, as well as the modernization of the national economy.

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