



## WAYS OF DEVELOPING AND ENCOURAGING INNOVATIVE COMPETENCE IN INDUSTRIAL ENTERPRISES

**Tarakhtiyeva Gulmira Kulbaevna**

*PhD, Associate Professor, Tashkent State Technical University*

### ABSTRACT

*In the article Special priority tasks have been revealed to the scientific researches and researches carried out in industrial enterprises regarding the development of innovative activities and the improvement of effective mechanisms for stimulating innovative potential.*

**KEY WORDS:** *industrial enterprises, innovative activity, high technology, industrial sectors, innovative potential, stimulation, commercialization.*

In the conditions of globalization in the world, reduction of industrial resources of countries, increasing competition in world markets, modernization of existing techniques, development and introduction of new technologies, as well as promotion of effective use of innovative processes in enterprises of the world industry and production complex are becoming increasingly important in order to ensure effective innovative development of the economy. . The analysis of the innovative development of the industrial complex of the countries of the world shows that countries such as the PRC, Germany, the USA and Japan are leaders in the development and implementation of various innovative technologies. Almost 6.3% of the total volume of capital investments in the industrial sector in China, 5.1% in Germany, 4.5% in the USA, and 3.5% in Japan are directed to the introduction and development of innovations in the industrial complex. This indicates the efficiency of the mechanisms of stimulation of these processes.

Today, special priority is given to the scientific researches and researches carried out in industrial enterprises regarding the development of innovative activities and the improvement of effective mechanisms for stimulating innovative potential. In this regard, the researches carried out on the modernization of production in industrial sectors and the support of innovative technologies, targeted development of the market of innovative products, and improvement of the mechanisms of stimulation occupy an important place. In these current scientific researches, the issue of effective application of the mechanisms for stimulating the implementation of innovative activities is considered as a priority topic.

In recent years, fundamental reforms have been implemented in Uzbekistan in order to develop the oil and gas industry, which is one of the important branches of the economy, based on modern requirements, and to increase its competitiveness in the world market. "...one of the most important priority tasks is to increase the share of industry in the structure of the national economy, to rapidly develop, modernize and diversify high-tech industries, to ensure comprehensive and effective use of the industrial potential of each region <sup>1</sup>. " In this regard, improving the theoretical and methodological foundations of stimulating the innovative potential of industrial production enterprises on the basis of an interdisciplinary approach, prioritizing the development of innovative potential on the basis of human capital,

<sup>1</sup>Decree of the President of the Republic of Uzbekistan dated February 7, 2017 No. PF-4947 "On the Strategy of Actions for Further Development of the Republic of Uzbekistan", clause 3.2 \ \ lex.uz



using non-traditional solutions in stimulating innovative potential, activating innovative activities in the distribution and redistribution of profits from commercialization, scientific- it is desirable to further deepen the research.

In our opinion, the main components that make up the innovative potential are personnel potential, financial-economical, scientific-technical potential, production -technological and organizational-management potential.

The analysis of the innovative potential of oil and gas production enterprises can be carried out according to the components that determine the success of its innovative activity. In the general case, the innovative "power", personnel situation, material and technical base, financing, use of intellectual property objects are analyzed. Each of the listed components and each production and economic system is an important and integral part of the innovative potential, and the greater or lesser importance of the material-technical, scientific-technical, personnel supply of the innovative activity can only be spoken about the innovative potential of the entire system when all the listed elements are present. .

In our opinion, the assessment of innovative potential based on the above provides an opportunity to correctly assess the direction and possibilities of innovative development based on the financial and modern situation of the oil and gas production enterprise. The absence or lack of any component of the innovative potential requires its revision and development. The innovative potential of an industrial enterprise can be realized only through the development of its components. Because the level of innovative potential of the enterprise is in a certain dynamic, changes in it can lead not only to growth, but also to decrease.

Ensuring the sustainable innovative development of the country's economy requires the availability of an appropriate amount of scientific research and innovative developments, as well as encouraging their practical application. The lack of communication between the industrial and scientific sectors of the economy, the low level of assimilation of the results of fundamental and applied research by industrial enterprises, the lack of motivational factors in the use of scientific achievements, the incompatibility of innovative ideas with the needs of the market are the reasons for the low efficiency of the development of innovative processes in the national economy.

The main goal of evaluating the innovative potential is to choose and implement an innovative strategy that allows the enterprise to strengthen its position in the market. Determining the composition of evaluation indicators and their benchmark values is an important issue in the development of methods of stimulating the innovative potential of the enterprise.

In our opinion, in order to increase the innovative activity of oil and gas industry enterprises, it is necessary to form and stimulate all components and links of the innovation cycle. One of these directions is the creation of incentives mechanisms for subjects directly participating in the innovative process in the conditions of modernization of compression compressor stations and gas driving units in the republic's mines. Incentives will influence the development of production, education and science in the future. The innovative development of the enterprise will be improved due to the introduction of sufficient funds in these areas, and its innovative potential will increase with their effective use. All this has a positive effect on the company's activity.

Today, in the fields of the republic, the obsolescence of compression compressor stations, gas driving units, primary gas preparation and oil preparation devices, the need to use and introduce innovations in their modernization creates the need to develop and stimulate innovative potential.

Stimulation of innovative potential is a process that activates the forces that encourage, stimulate and awaken the needs of the interests of its internal and external environments, to ensure the achievement of its goals, by the economic entity or consumer that implements the innovation in the process of creating, purchasing, or mastering the innovation. Stimulation methods are a set of motivational factors and levers to encourage the entities implementing innovative activities to take purposeful action in the application of innovation .

At each stage of the implementation of the innovation process, it is necessary to systematize 4 grouped main indicators of innovative potential and indicators reflecting the effect of certain components in them, to calculate them, to compare the planned and actual results, to clarify the reason for the differences according to the results, to correctly evaluate and encourage the innovative potential need \_



In order to increase efficiency in the production of liquid hydrocarbons and natural gas in gas and gas condensate fields in our republic, the need to stimulate innovative potential based on the correct use and distribution of personnel, financial, material, intellectual and infrastructure resources was justified. Therefore, it is necessary to determine the possibilities of stimulating innovative potential based on the benefits obtained from the application and commercialization of innovations in oil and gas production fields.

In conclusion, in order to increase the innovative activity of oil and gas industry enterprises, it is necessary to improve the existing incentive mechanisms of all components and links of the innovation cycle. One of these directions is the creation of incentive mechanisms for subjects directly involved in the innovation process. Incentives influence the development of education and science in the future. The innovative development of the region will be improved due to the introduction of sufficient funds into these areas, and the scientific and innovative potential of the region will increase with their effective use. All this has a positive effect on the economy.

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