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## STIMULATION OF INNOVATION-ORIENTED ECONOMIC DEVELOPMENT AND DETERMINATION OF INNOVATION PROCESS MANAGEMENT DIRECTIONS

### Summary

In modern times, the economic development processes in the international world have a serious impact on Azerbaijan. Such influence is clearly reflected in socio-economic development, democratization of society, improvement of public and administrative processes. As the main influencing factor among the development processes, scientific and technical progress innovation factors are of special importance. Thus, it is precisely innovation and scientific-technical progress that acts as a leading force by determining the main development trends of humanity, society, socio-economic processes. In the modern and perspective development of our country, it is closely related to the organization and regular improvement of innovation activity and management of innovation processes in accordance with modern requirements in ensuring continuous social economic growth. The organization and management of the innovation process acts as the main component of the social economic policy of the state. After gaining independence, the direction of implementation of important measures in the direction of integration into global economic development and innovation activity, at the same time, increased the need to further improve the investment-innovation environment in the country.

**Key words:** *innovation, intellectual, economic development, integration*

### Introduction

In terms of full and perfect application and formation of the innovation economy in Azerbaijan, the implementation of radical and fundamental reforms is very important. Accordingly, innovation activity is a new field and a progressive direction in terms of stimulating economic development, which requires the coordination of its functions, criteria, tasks and a sphere that needs a legal basis. Especially in recent years, the works carried out in terms of developing the country's economy and the results achieved have created even more confidence in the development of innovation in our country. Accordingly, It is possible to directly and indirectly apply the Western experience to the innovation stimulation system and use it skillfully to accelerate the progressive changes of our country in the direction of innovation and economic development [2, 52].

The implementation and implementation of the innovation policy is carried out within the general strategy of social and economic development, taking into account the development of scientific and technical potential and industry and resource opportunities in Azerbaijan [8].

In the modern stage of development, the innovation policy of the state in our country should be based on a number of principles. These include:

➤ Changing the scientific and technical potential according to the goals of efficient development and economic policy;

➤ recognize and accept as a portrait of innovative economic development model;

➤ formation of economic mechanisms by the state in connection with the economic growth of innovations becoming an important factor;

➤ maximum use of market mechanisms and creation of equal incentives for all economic subjects in terms of activation of innovation activity; [6,102]

From the point of view of more effective stimulation of innovation activities, it is required to ensure the development of innovation processes in the main areas of industry, agriculture and social complexes for the research and implementation of the issues and types we have listed. In this regard, the following are related to the directions of innovation policy determined by the state:

- creation of a system of complex support by the state in connection with increasing the competitiveness of innovation activity and science-intensive products;

- development of small innovation entrepreneurship;

- development of the infrastructure of the innovation process;

- activation of innovation activity and the necessity of participation of various structures of the state;

- selection of identified innovation projects, programs through competition; (5,148)

The innovation policy of the state acts as an integral part of the social economic policy. Ensuring the security of the national economy is the basis of any state's economic policy. The innovation policy implemented by the state is a component of the social economic policy aimed at the management and stimulation of innovation activity. During the implementation of the innovation policy, it is envisaged to create an improved product based on the application of scientific research and scientific and technical innovations of various experimental designer works. In order to stimulate the innovative activity of the state, increasing the competitiveness of local products and the standard of living and quality of the population, as well as implements measures aimed at improving the defense technological and environmental security of the country. At this time, a number of factors appear as the main goal of the state's innovation policy. Let's take a look at them.

- Development and efficient deployment of scientific and technical potential;

- Formation of economic, legal and organizational conditions related to the solution of active social economic development issues. ;

- Ensuring structural changes in the economy;

- It will affect the development of innovation activity, ensuring interaction in various spheres;

- Formation of innovation activity and structure;

- Protection of the interests of national innovation entrepreneurship;

- Training of personnel for innovation activity;

- Implementation of measures related to the stimulation of innovative economic development, determination of priority directions;

- Integration of science and education, development of the system related to the training of scientific personnel at all levels;

- Provision of institutional analysis of innovation processes in public sector organizations;

- Protection of the intellectual property rights of the research organization and the state;

- State support for the widespread dissemination of scientific and technical achievements that are important for the country's economy; [4,201]

Management of innovation processes and stimulation of innovative economic development are also very complex issues, organically connected with the development of technical processes and intellectual potential. All this, in turn, requires a complex approach to innovative development. Developing a concept related to innovative development is considered one of the most urgent issues in every state. The main issues related to the management of innovation activity in our country are as follows:

1. Development of science, production and technological potential, including fundamental sciences and personnel training system;

2. Applying international standards to product quality;

3. Environmental protection;

4. Formation of economic and financial conditions related to the development of innovation activity; [7]

The Republic of Azerbaijan can organize the main mechanism for the management and support of the state authorities of the innovation activity, the development program of the state's innovation activity. Let's take a look at what's included in this program:

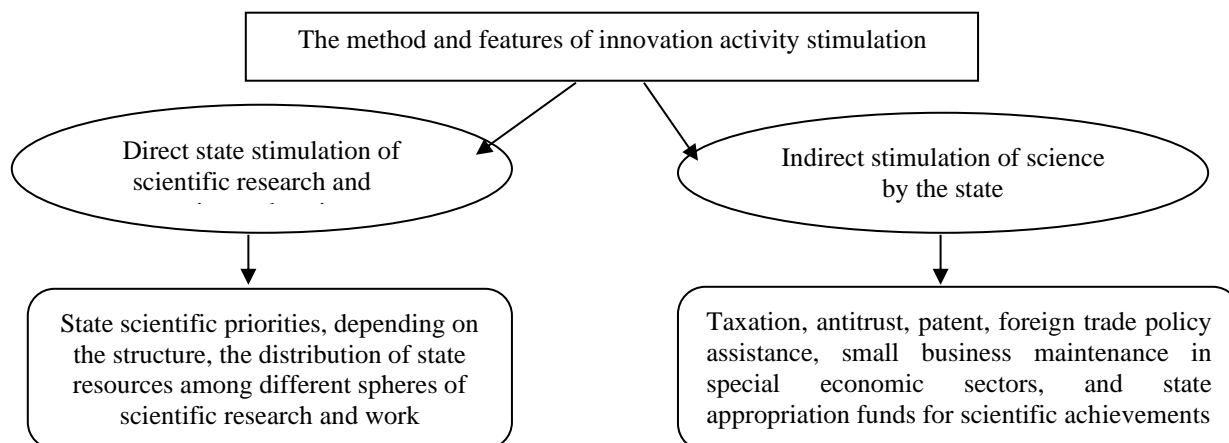
- Providing direct support to the creation of basic science-intensive technologies and innovative projects at the expense of special financial resources of the state;

- Implementation of favorable measures for the management of innovation activities for industrial enterprises;

- Implementation of measures related to the creation of preferential regimes for the subjects of small innovation entrepreneurship in the initial period. Examples of these measures include concessions for the rental of buildings and equipment reducing the tax transferred to the state budget and we can attribute accelerated, amortization and so on.

Scheme 1

### Stimulation of innovation activity [7, 106]



In addition to these methods of stimulation that we have listed, the provision of economy, research and work, and the formation of a favorable innovation environment of the infrastructure are very important in the stimulation of innovation activity by the state. This includes issues such as standardization, certification and scientific and technical information services, as well as preparation of scientific and technical development forecasts and evaluation of the negative consequences of innovations. In developed countries, the innovation of these states uses 3 main tools from the process of stimulating the general economic development through the implementation of the interaction of science and industry.

The first of these tools is the state contract. This tool is used when subjects who perform scientific research and a number of other works under the authority of the state the results obtained directly benefit the state. Bin that case, the situation of transferring the obtained product to a third party is not excluded. During the work process during the contract, the government representative has the right to control and make adjustments to the process of work performance.

Another tool is a grant. This tool legalizes another form of relationship between the state scientific research sector. In other words, property, financial services, and other valuable scientific research and development are maintained or stimulated by the state. The execution of works is specified in a special agreement.

The last main tool is an institutional tool, a cooperative agreement. Unlike the grant, this tool does not require immediate benefits or results. But despite this, the state has the right to control the course of work from here. The cooperative agreement acts as an important mechanism for organizing corporate processes between the state and the private sector.

Depending on the current state of the economy, it is considered more appropriate to implement the policy implemented in stages for the development and stimulation of innovation activity. For this, the main goal at the initial stage is to create initial conditions for maintaining positions related to the stimulation of innovation activity. At this stage, a number of issues are expected to be implemented, which include the following

- intensification of the use of natural resources;
- applying more innovations to the areas that form the main gross domestic product in the country and supporting the application of innovation in this sphere. Examples of these areas include ferrous metallurgy, petrochemical and food industry enterprises. ;
- formation of prospective production aimed at in-depth processing of raw materials in different regions of the country and increasing the share of products from the total volume of products [3,102].

Our country faces a number of problems in the process of innovation activity management

and innovation system formation, which include the following:

1. lack of demand from the point of view of commercial application of ETTKI results by the real sector of the economy;
2. lack of information in innovation areas: This refers to the lack of information about the application of new technologies and the sales markets of the innovation product, as well as about investors.
3. lack of developed, normative legal framework, direct and indirect support mechanisms from the state to carry out innovation activities.
4. insufficient development level of innovation entrepreneurship

### **The Result**

The suggestions presented in accordance with the results described in different sections of the research work are as follows;

- Eliminating problems related to the financing and commercialization of achievements from the scientific and technical potential of various innovation projects implemented in our country can have a positive effect on innovative economic development.
- In the management and development of innovation processes, interdisciplinary creation of industrial parks, regional innovation centers and national technology parks by using international experience in optimizing relations can increase the dynamism in the development of innovation activities;
- The development of science-intensive fields can play an important role in training highly qualified personnel in fields such as biotechnology, nanotechnology, microelectronics;

- The exchange of new knowledge and technologies in the scientific and technical field, as well as the application of innovation development strategies in our country using the experience of foreign countries, can play an important role in scientific and technological development.
- The creation of centers for the development of new products using the achievements of scientific and technical progress and the creation of special funds that stimulate innovation activity in various departments of production engaged in innovation activity are considered necessary in terms of the formation and development of the national innovation system.

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## **İNNOVASIYA YÖNÜMLÜ İQTİSADI İNKİŞAFIN STİMULLAŞDIRILMASI VƏ İNNOVASIYA PROSESİNİN İDARƏ EDİLMƏSİ İSTİQAMƏTLƏRİNİN MÜƏYYƏNLƏŞDİRİLMƏSİ**

### **Xülasə**

Müasir dövrdə beynəlxalq aləmdə gedən iqtisadi inkişaf prosesləri, Azərbaycana da öz ciddi təsirini göstərir. Belə təsir birmənalı olaraq özünü sosial-iqtisadi inkişaf, cəmiyyətin demokratikləşməsi, ictimai və idarə proseslərinin təkmilləşməsində əks etdirir. İnkişaf prosesləri arasında əsas təsir amili kimi, elmi texniki tərəqqi, innovasiya amilləri xüsusi əhəmiyyət kəsb edir. Belə ki, məhz innovasiya və elmi texniki tərəqqi bəşəriyyətin, cəmiyyətin, sosial-iqtisadi proseslərin əsas inkişaf meyillərini müəyyən etməklə aparıcı qüvvə

kimi çıxış edir. Ölkəmizin müasir və perspektiv inkişafında davamlı sosial iqtisadi yüksəlişin təmin edilməsi innovasiya fəaliyyəti və innovasiya proseslərinin idarə edilməsinin müasir tələblərə uyğun təşkili və mütəmadi təkmilləşdirilməsi ilə sıx əlaqədardır. Belə ki, davamlı sossial-iqtisadi yüksəliş ictimai, iqtisadi və sosial həyatda innovasiya fəaliyyətindən və innovativ proseslərin nəticələrindən, niyyətlərindən istifadə edən ölkənin perspektiv inkişaf istiqamətlərinin müəyyən edilməsinə, eləcə də intellektual potensialın üzə çıxarılmasına, idarəetmə sisteminin təkmilləşdirilməsinə, innovasiyalı iqtisadiyyatın qurulması və rəqabət qabiliyyətli, elmtutumlu məhsul istehsalının təmin edilməsinə öz müsbət təsirini göstərir. İnnovasiya prosesinin təşkili və idarə edilməsi, dövlətin sosial iqtisadi siyasətinin əsas tərkib hissəsi kimi çıxış edir. Müstəqillik əldə etdikdən sonra qlobal iqtisadi inkişafa inteqrasiya və innovasiya fəaliyyəti istiqamətində mühüm tədbirlərin həyata keçirilməsi istiqaməti, eyni zamanda ölkədə investisiya-innovasiya mühitinin daha da yaxşılaşdırılması zərurətini artırır.

**Açar sözlər:** *innovasiya, intellekt, iqtisadi inkişaf, inteqrasiya*

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## **СТИМУЛИРОВАНИЕ ИННОВАЦИОННО-ОРИЕНТИРОВАННОГО РАЗВИТИЯ ЭКОНОМИКИ И ОПРЕДЕЛЕНИЕ НАПРАВЛЕНИЙ УПРАВЛЕНИЯ ИННОВАЦИОН- НЫМ ПРОЦЕССОМ**

### **Резюме**

В современное время процессы экономического развития в международном мире оказывают серьезное влияние на Азербайджан. Такое влияние ярко проявляется в социально-экономическом развитии, демократизации общества, совершенствовании общественных и управленческих процессов. Как основной воздействующий фактор среди процессов развития особое значение имеют инновационные факторы научно-технического прогресса. Таким образом, именно инновации и научно-технический прогресс выступают ведущей силой, определяя основные тенденции развития человечества, общества, социально-экономических процессов. В современном и перспективном развитии нашей страны это тесно связано с организацией и систематическим совершенствованием инновационной деятельности и управлением инновационными процессами в соответствии с современными требованиями в обеспечении непрерывного социально-экономического роста. Таким образом, важно определить перспективные направления развития страны, использующей результаты и намерения инновационной деятельности и инновационные процессы в общественной, экономической и социальной жизни, а также раскрыть интеллектуальный потенциал, усовершенствовать систему управления, построить инновационной экономики и обеспечения производства конкурентоспособной, наукоемкой продукции показывает положительный эффект. Организация и управление инновационным процессом выступает как основная составляющая социально-экономической политики государства. После обретения независимости направление на реализацию важных мероприятий в направлении интеграции в мировое экономическое развитие и инновационную деятельность, в то же время усилило необходимость дальнейшего улучшения инвестиционно-инновационной среды в стране.

**Ключевые слова:** *инновации, интеллектуальные, экономическое развитие, интеграция.*