

## **Adapting the state support measures of techno park structures in Russia to the challenges of modernity**

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### **Abstract**

Technopark structures are effective forms of organization of an innovative sphere. With an appropriate management system and state support they contribute to the efficient reproduction of innovative potential of the country. Recognition of state importance to preserve and support technological parks, on the basis of which the strategy of generating economic growth is accomplished, is one of the key elements of an innovative economy. There is a necessity to establish operative complex mechanism of state support of technoparks in the Russian Federation.

**Keywords:** *Technology Park, management, state support, tax treatment, legal framework.*

***Acknowledgment: Supported by the Russian Humanitarian Scientific  
Fund (Grant № 13-32-01214)***

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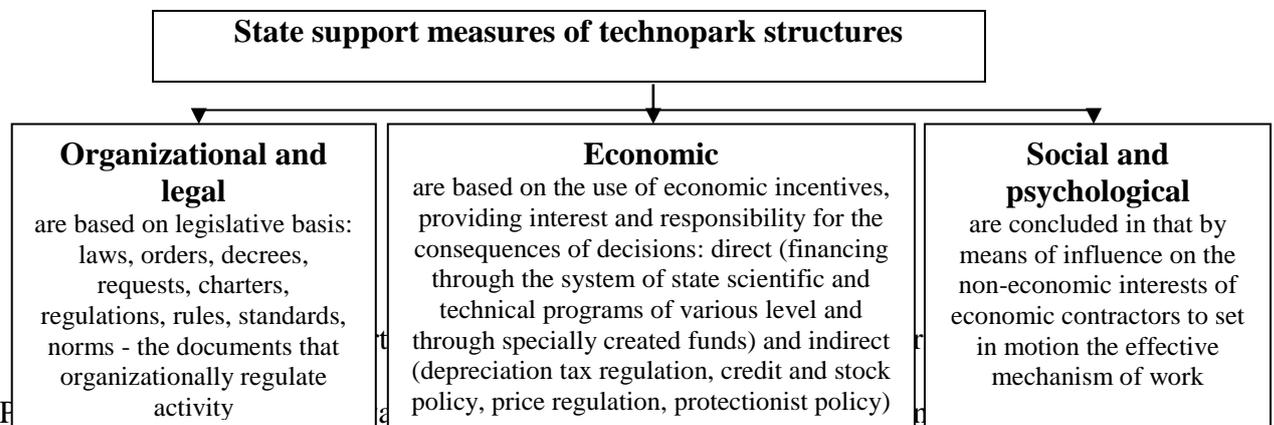
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## Introduction

In conditions of modern economic development the new forms of organizations in an innovative sphere are created, in basic mass they are forms that envisage the integration of science, technology and production. Such formations as technopark structures contribute to the efficient reproduction of innovative potential of the country. Today the actual problem is development of certain mechanism of state support of technology parks. This mechanism is seen as a process of development and realization of the following measures by state authorities:

- organizational;
- legal;
- economic;
- financial and credit;
- social and psychological.

These steps are aimed at stimulation and development of technopark structures, strengthening their material and technical, financial and economic base, and also creating advantageous conditions for their formation, growth and normal functioning (Figure 1).



will contribute to:

- formation of incentives for growth and their self-development;
- improving the competitiveness, taking into account geographic, historic, sectoral, national features (Bildina, 2011);
- increase of share of innovative production composed of GDP;
- integration of scientific and technical activity and education;
- Stimulation of business activity in innovative work.

State financial support aimed at development of technopark structures to date amounts to 54 milliards rubles (Figure 2).

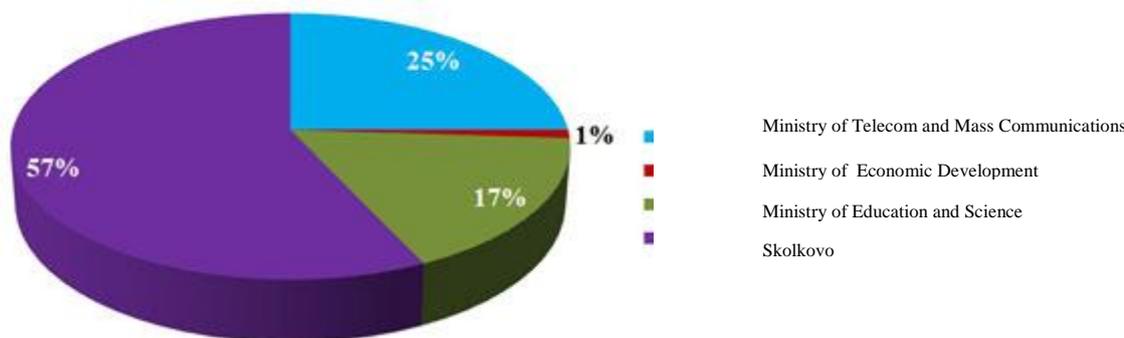


Figure 2 - Federal budget funds aimed at creating technological parks (Bakardgieva, 2015)

About 60% of financial resources of the federal budget have been allocated to the operation of innovative center "Skolkovo". As a result of realizing the program is supposed to increase the number of patents and earnings of participating companies.

Coordinator in the framework of integrated program "Creation of technoparks in the sphere of high technologies in the Russian Federation" is the Ministry of Telecom and Mass Communications of the Russian Federation. As of the first quarter of 2015, 11 regions took part and 12 technology parks were created. The total amount of financial assets of federal budget invested in this program is 13 400 million rubles (Alborova, 2015).

In accordance with the "Regulation on the state support of development of innovative infrastructure, including support of small innovative business, in the federal educational institutions of higher professional education" (approved by Decree of Government of the Russian Federation on the 9th of April 2010 N 219) 30 technoparks and 47 business incubators were established. The costs are 17% of the total amount of funds federal budget, they are aimed at the creation and development of technology parks.

Ministry of Economic Development of the Russian Federation in accordance with Decree of Government № 178 of the 27th of February 2009 "On the distribution and provision of subsidies from the federal budget to the budgets of subjects of the Russian Federation for the state support of small and medium-sized businesses, including peasant (farmer's) economy" implements annual actions of state support of subjects small and medium-sized enterprise. In the context of this program, currently 2

technology parks are opened, the amount of financing from the federal budget is 431,5 million rubles.

It is worth noting that in the framework of realizable programs of promoting technology parks in Russia we can watch full separation of the activity that is aimed at research development (the formation of material infrastructure) from the activity of development of innovative (service) infrastructure (Alborova, 2015). These directions are not complete and harmonious system, this fact creates unfavorable conditions for commercialization of innovative projects and, as a consequence, leads to inefficient spending budgetary funds.

Important fact is that over the creation and development of technoparks several ministries simultaneously operate (total 43 government bodies exercise the state support of innovative activity):

- Ministry of Economic Development of the Russian Federation;
- Ministry of Telecom and Mass Communications of the Russian Federation;
- Ministry of Industry and Trade of the Russian Federation;
- Ministry of Education and Science of the Russian Federation.

It is important to emphasize that the united authorized body at the level of the Russian Government that would perform coordination of work of the federal center and the subjects of Russia does not exist.

We would like to highlight the following factors that hinder creating and developing technopark structures in Russia:

1. The absence of legal framework at the federal level that should fortify general principles, goals, tasks, functions, state support measures of creating and developing technology parks (Alborova, 2015).
2. Contradictoriness and diverse directivity of legal framework, that does not allow to render an effective state support for development of technology parks (Maltseva, 2011).
3. Implementation of technology park's projects in Russian subjects is considered as projects that aimed at generating profit from the rental of premises and property management. They are not projects with criteria of economic efficiency are increase of taxable base of technopark's residents and creating new enterprises and high-performance workplaces (Alborova, 2015).

4. The absence of special tax regime on the area of technopark leads to decrease of concernment of potential investors and start-up entrepreneurs and blurs differences between Technology Park and any business center.

**Recommendations for improving the efficiency of organizational and legal measures of state support of techno park structures:**

1. Assignment of functions of the united authorized body to one of the ministries that will formulate and approve consumable budgetary commitments at all levels.

2. Development and adoption of single "Technological parks Law" in Russia (Bakardgieva, 2015). Mainly this law should contain:

- full powers of authorities of the federal and regional level in terms of creating conditions for development of technoparks on the territory of the Russian Federation, and also direction of support (financial, personnel, informational and counseling, etc.) (Alborova, 2015);

- forms and types of support (tax remissions and also subsidies, grants at the expense of funds federal budget or special funds that are co-financed by budgets of subjects of the Russian Federation) (Sutyryna, 2014).

From our point of view, the developed and effectively applicable legal framework, that regulates state support and transparency of information for the participants of technopark structures will allow technoparks to work more productive. In addition, favorable effect will appear from investment and programme actions. The important aspect is creating preferential terms for innovative companies' activity. This is expressed in the simplified procedures for them, extensive tax remissions, training, realization of research grants, etc. If all necessary measures are fully and appropriately applied, technology parks will be able to reach the proper purpose and the required level of development.

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