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Impact of the education system development on innovative activities in regions

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**ABSTRACT:** Development of the innovation policy is determined by the quality of the professional personnel. The authors determined that the major states on the level of innovation development are related to states with high indices of human development and the level of education in the world ranking. Within this article, the impact of the education system development on creation of innovative products is determined based on the analysis of academic papers, data of analytical review, and statistical data. Basis of existing factor confirmed the hypothesis of research. The modern system of education is not enough oriented toward the achievement of the greater results in innovative activities. In this situation, it is necessary, on the one hand, to evaluate the innovation indexes of the development of regions and, on the other hand, to work out the mechanisms of education system development directed toward the formation of the resources needed for innovative development.

1 INTRODUCTION

In the current economic situation, the development of innovations is becoming more and more popular. Today, we are working with the new model of economic development related to the implementation of high technology and proposal of competitive products. The subject of development of innovation policy is an integral part of the unified industrial policy with the main purpose of import substitution [13].

The main purpose of the enterprises' involvement in the state program of import substitution is, primarily, to solve the issues about enhancing the competitiveness of the manufactured products—decreasing its cost value in order to increase its quality, searching for new directions and forms of its realization. This purpose is possible to achieved, primarily, by means of innovation [20].

Innovations and innovative activities are the strategic factors of the instant growth and play fundamental role in the economic growth of the countries and regions. The number of financial and HR resources are involved in the development of the Research and Development (R&D) sphere and innovation, which accordingly raise an objective need of the effective governance and make use of productive power [8].

The peculiar importance of the innovative activities is to analyze the governance issue for Russia

confirmed with the results of research. According to the international business school INSEAD with regard to the level of innovation development in 2014 Switzerland (64.8) was considered the best, followed by the Great Britain (62.4), and then Swiss (62.3). Finland (60.7), Netherlands (60.6), and the USA (60.1) were next in that list. Russia was on the 49th place in this top list with the index 39.1 among 143 state members of the rate [17]. Major states on the level of innovative development belong to the states with high level of index of human development, and at the same time, they also gained high positions in the world rating for the level of education [4, 19]. The competitiveness of modern innovative regional economy is largely determined by the quality of professional staff. Russia will not be able to maintain its competitive position in the global economy by saving on the development of education [9].

The study of the Federal service is on the basis of data of state statistics of the Russian Federation. Data collection was carried out through the method of continuous observation during the period of 2010–2013 in all regions of the Russian Federation. Total population amounted to X observations.

The main issue of the hypothesis of research, formulated according to the world tendencies, was the level of education in the country, positively influencing the creation of innovative products.

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