



JUSTIFICATION OF SCIENTIFIC POTENTIAL - IMPROVEMENT OF MANAGEMENT AS A PRINCIPLE OF PUBLIC POLICY

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ANNOTATION

We can observe how the implementation of reforms aimed at improving the efficiency of public administration in our country, on the basis of scientific potential, has reached the level of public policy.

The article states that a striking example of this is the development of a “Strategy for Action in Five Priority Areas of Development of the Republic of Uzbekistan for 2017-2021” with the participation of a wide range of scientists and experts from the industry and industries. This state program, which includes five priority areas and 119 goals aimed at the development of 21 spheres, for the first time in domestic practice has become a vivid example of the interaction of government bodies with the scientific community in the development of state programs.

Keywords

Scientific potential, management, public administration, action strategy, five priority areas, social sphere, innovation, state telecommunications infrastructure, strategic plan, forced technologies, intellectual property, digital Uzbekistan.

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A striking example of this is the development of a “Strategy for Action in Five Priority Areas of Development of the Republic of Uzbekistan for 2017-2021”¹ with the participation of a wide range of scientists and experts from the industry and industries. This state program, which includes five priority areas and 119 goals aimed at the development of 21 spheres, for the first time in domestic practice has

¹ Decree of the President of the Republic of Uzbekistan of February 7, 2017 “On the Strategy of Action for the Further Development of the Republic of Uzbekistan” PF-4947



become a vivid example of the interaction of government bodies with the scientific community in the development of state programs.

In particular is dedicated to chapter IV of the Action Strategy "Priority areas for the development of the social sphere" "Development of the field of education and science" 4.4. In the priority direction, special attention is paid to **"the creation of effective mechanisms for the introduction of scientific and innovative achievements in practice"** which served as the impetus for the start of our scientific research on the topic "Improving the mechanisms for managing state telecommunications infrastructure facilities".

A positive tradition in the form of rudeness of state bodies and the scientific community in the development of state programs is another confirmation of the aforementioned opinions Development strategies for the new Uzbekistan for "2022 - 2026 developed on the initiative of the President of the Republic of Uzbekistan Sh.M. Mirziyoyev"². This state program, which collected 100 goals in 7 priority areas, shows that the latest science technologies for the development of strategic plans for developed countries, including the hold using forsyth technology, have decisively chosen the path of development of reforms based on science.

Goal 25, within the framework of the III priority direction of the Development Strategy "Ensuring high rates of development and accelerated development of the national economy, determined the need to achieve the goal of the Ministry of Digital Technologies "To turn the digital economy into the main" "driver" sphere and increase its volume by at least 2.5 times..." And to achieve this goal:

- 1) **Coverage of broadband hubs for connecting** all settlements and social facilities and trunk roads through the further development of digital infrastructure.
- 2) Increasing the level of digitalization of production and operational processes in the real sector of the economy, financial and banking sectors to 70 percent by the end of 2026.
- 3) Increase in the volume of the software products industry by 5 times, and their export by 10 times and bringing to 500 million US dollars.

Obviously, the implementation of tasks of this level cannot be carried out by traditional methods by plans of "duty" measures developed by civil servants of executive bodies engaged in such fragile daily operating activities.

In this regard, the successful solution of the goals and objectives outlined in these state programs was formed on the basis of scientific and practical solutions developed exclusively and exclusively for the consolidation of the potential of the scientific community of the industry, with domestic and foreign experts, based on

² Decree of the President of the Republic of Uzbekistan of January 28, 2022 "On the Strategy for the Development of New Uzbekistan for 2022-2026" PF-60



the results of project research conducted on the basis of the requirements of international standards of project management based on the hall.

In recent years, one decree and decrees of state and government scale have been adopted, which laid the regulatory legal basis for the introduction into practice in our country of the principle of state policy aimed at justifying scientific potential - improving management³.

In particular, the Roadmap was adopted to protect intellectual property and introduce modern information and communication technologies. Based on this decree, the information portal "IP-Protection" was developed. The task was also set to expand the network of Technology and Innovation Support Centers in the sectors of the economy and higher educational organizations specializing in the development of social spheres, with the effective use of the existing scientific potential and the capabilities of information and resource centers in the regions.

Fundamental improvement and further modernization of activities aimed at finding and selecting talented and promising, especially young specialists from the regions of the republic, organizing their targeted training and internships in prestigious educational and scientific institutions, production, innovative and other companies abroad, the formation and involvement in the civil service of a new generation of personnel with professional, deep knowledge, brought up in the spirit of modern thinking and patriotism.

In particular, the Fund for Training Specialists Abroad and Dialogue with Compatriots "El-Yurt Umidi"⁴ created under the Cabinet of Ministers of the Republic of Uzbekistan was transferred to the disposal of the Agency for the Development of Public Administration under the President of the Republic of Uzbekistan. In particular, the task of organizing scientific and practical events aimed at introducing digital technologies into the field of public service and education in cooperation with foreign experts, based on the experience of developed countries, has been determined⁵.

Special attention is paid to the accelerated introduction of artificial intelligence technologies and their widespread use in our country, ensuring the availability of digital data and their high quality in accordance with the Strategy "Digital Uzbekistan - 2030". In particular, a program of measures was adopted to study and introduce artificial intelligence technologies in 2021-2022⁶. Along with the approval

³ Decree of the President of the Republic of Uzbekistan of January 28, 2021 "On measures to improve the system of protection of intellectual property objects" PK -4965

⁴ Decree of the President of the Republic of Uzbekistan of October 3, 2019 "On measures to fundamentally improve the system of personnel policy and the state civil service in the Republic of Uzbekistan" PF-5843

⁵ Decree of the President of the Republic of Uzbekistan of February 11, 2021 "On measures to fundamentally improve the system of training and further increase the potential of civil servants and specialists abroad" PF-6168

⁶ Decree of the President of the Republic of Uzbekistan of February 17, 2021 "On creating conditions for the accelerated introduction of artificial intelligence technologies" PQ-4996



of the list of higher educational institutions and scientific organizations in which training in the direction of “artificial intelligence” is gradually beginning, the practice of annually allocating quotas for 5 people for training in basic doctoral studies of foreign educational institutions in the field of artificial intelligence and training as a research trainee has been introduced.

Large-scale reforms carried out at the current stage of the development of our country have become one of the primary issues on the agenda on the need to improve the mechanisms of public administration in the field of science and innovation, increase transparency in the formation of state programs of scientific activity and accelerate work on the implementation of scientific achievements and innovative technologies in sectors of the economy and regions.

At the same time, the task was set to establish the needs of the real sector of the economy and production industries in scientific developments and innovations, to strengthen the integration of science and production based on the development of sectoral research developments⁷.

Given that the telecommunications industry is the leading industry in the service market of our country, we can emphasize that the main focus of the government was to increase the share of the service sector in the country's economy, fully utilize the existing opportunities in the field service sector, expand and improve the quality of services.

In particular, from April 1, 2022 to January 1, 2025, the social tax rate for business entities providing computer services was set at 1 percent.

Technological equipment, materials, software and spare parts not manufactured by operators and telecommunications providers in the Republic of Uzbekistan within the framework of projects for the implementation of telecommunication infrastructure, imported according to the list formed in accordance with the established procedure, as well as antenna-mast metal structures installed on land plots when calculating property tax, and structures installed on them and being their integral part (cakes, enclosing walls, lifting devices, noise protection systems, grounding devices, signal and lighting systems, security alarm and video surveillance systems).

Users of the radio frequency spectrum are granted the right to share the radio frequency spectrum based on the relevant permissions of the radio frequency authorities. The management of the technological fleet of software products and information technology has introduced the practice of reducing monthly deductions by its residents by 25 percent with an annual volume of information

⁷ Decree of the President of the Republic of Uzbekistan of April 1, 2021 “On improving the system of public administration for the development of scientific and innovative activities” PF-6198



technology services exported by them over \$10 million and by 50 percent - over \$20 million⁸.

The government has set decisive tasks to provide the necessary infrastructure for a phased increase in the share of digital services and a sharp expansion in the coverage of high-quality communication and Internet services, as well as the availability of electronic government services.

In recent years, education in such important areas as green energy and agrotechnology has increased the relevance of issues of effective translation of research and development, **increased investment and research to solve such pressing global problems, increased scientific potential to a new level with the widespread introduction of digital technologies and the training of engineers capable of applying developments in practice**⁹.

It should be especially noted that in the development of proposals for the implementation of reforms aimed at improving the indicators of the Republic of Uzbekistan in priority international ratings and indices, attention has been paid to the widespread attraction of the country's scientific potential and the use of international project management standards, increasing the knowledge and skills of civil servants in the field of public policy.

The state bodies responsible for low-level indicators in international ratings and indices have introduced a procedure for ordering scientific grants for the development of existing projects to eliminate systemic errors in areas and industries according to low-level indicators, as well as the allocation of scientific grants by the Ministry of Innovative Development on a competitive basis for research projects of this category¹⁰.

It is noteworthy that the proposals developed by scientific organizations assigned to international ratings and indices, on the basis of the international PHC standard PMI, by the first state bodies responsible for the development of draft strategies, concepts and programs aimed at improving the positions of the Republic of Uzbekistan in priority international ratings and indices, their structural indicators and subindicators, it is determined that the queue should be taken into account.

Creating broad opportunities for the acquisition of modern knowledge and education of young people, wishing to obtain a demanded profession in the labor market, encouraging and supporting aspirations for the development of intellectual

⁸ Decree of the President of the Republic of Uzbekistan of January 27, 2022 "On additional measures for the development of the PQ-104

⁹ Decree of the President of the Republic of Uzbekistan of December 10, 2021 "On measures to fundamentally improve the system of training engineering personnel for sectors of the economy based on innovation and digitalization" PQ-42

¹⁰ Decree of the President of the Republic of Uzbekistan of May 18, 2022 "On measures to ensure the compliance of scientific potential and practical activities in working with international ratings and indices" PQ-246



and professional skills of the younger generation, Also, in order to implement new initiatives and ideas put forward at a meeting with specialists in the field of information technology on July 29, 2022, from October 1, 2022, a system was established for allocating educational loans for training youth in the field of information technology at training courses of non-governmental educational organizations.

In particular, for training in the field of information technology at training courses of non-state educational organizations, a procedure was introduced for distributing an educational loan for young people for a 1-year grace period in the amount of up to 65 times the basic calculation for young people who are a citizen of the Republic of Uzbekistan and permanently residing in the Republic of Uzbekistan for a period of 4 years.

In addition, a procedure has been introduced for non-requirement of collateral and surety for an educational loan allocated for training in the field of information technology for youth with children from families included in the Unified Register of Social Protection.

An analysis of the above-mentioned Decrees and Decrees of the President of the Republic of Uzbekistan shows that our country has created a sufficient legal framework for self-realization as a principle of the state policy of justifying scientific potential - improving management. Creating conditions - conditions for citizens of our country who have favorable and bureaucratic obstacles to the use of the provided benefits and opportunities, as well as the influence on the political will of the public administration bodies responsible for these procedures.