

## **WAYS OF INTRODUCING DIGITAL TECHNOLOGIES TO PROJECT MANAGEMENT**

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### **Abstract:**

The following thesis examines digital technologies and the main directions of their implementation in project management.

**Keywords:** Project management, digital technologies, digitization.

The government is considering large-scale and consistent measures to develop the digital sector of the economy, introducing electronic document management systems, developing electronic payments and improving the regulatory framework in the field of e-commerce.1 Activities on information technology platforms showing that the digital economy is developing rapidly, which necessitates the creation of new models of such platforms. Blockchain technologies (distributed data registry technologies), artificial intelligence, and the use of supercomputers have become one of the ways to develop the digital economy in many countries around the world. Blockchain technologies are gradually being introduced not only in many sectors of the economy, but also in public administration and other public relations. Improving project management, further improving the public administration system, creating conditions for the introduction and development of the digital economy are also among the priorities, improving the investment climate, as well as five priorities for the development of the Republic of Uzbekistan in 2017-2021 In order to implement the Action Strategy on.

There are several methods of digital technology in project management:

1. May (platform to provide the platform and create new blocks),
2. Smart contract (an electronic contract providing for the fulfillment of rights and obligations through the automatic implementation of digital transactions)
3. Introduction and development of blockchain technologies;

Innovative ideas will be implemented to further develop the digital economy. At the same time, it is necessary to ensure close cooperation between government agencies and businesses in the implementation of technologies and developments. The National Agency for Project Management under the President of the Republic of Uzbekistan is the competent authority for the introduction and development of the digital economy. The specific areas of activity in which Blockchain technologies will be introduced will be determined by the National Agency for Project Management under the President of the Republic of Uzbekistan on the proposals of interested ministries and agencies.

Draft normative and legal acts and documents envisaging the development and introduction of the digital economy must be subject to mandatory examination by the National Agency for Project Management under the President of the Republic of Uzbekistan. The National Agency for Project Management under the President of the Republic of Uzbekistan and the Ministry of Information Technologies and Communications have developed Blockchain technologies for 2018-2020.

Digital technologies have been introduced primarily in the activities of government agencies, including in cooperation with other government agencies and organizations, in public procurement, in the provision of public services, in the verification of personal data.

Digitization of state databases and the organization of archives, including the updating and use of information included in them, is being carried out.

Digitalization has been introduced into the corporate governance system and management of large commercial organizations, including the improvement of business processes, optimization of production, administrative and operational processes, as well as the introduction of modern management and resource management.

Digitization has also been introduced in payments, trade finance (letters of credit), and project lending. The National Agency for Project Management under the President of the Republic of Uzbekistan is the competent authority for licensing activities in the field of crypto-assets turnover. National Agency for Project Management under the President of the Republic of Uzbekistan together with the Ministry of Information Technologies and Communications for the development of digitization activities conditions are created.

Project Management Agency to assist in the quality and timeliness of projects financed by the State Budget of the Republic of Uzbekistan, state trust funds, foreign loans, borrowings, grants attracted by the Republic of Uzbekistan also monitors the introduction of digital technologies in the supply chain.

Project management has its own role in the introduction of digital technologies in the field

The Constitution and laws of the Republic of Uzbekistan, resolutions of the chambers of the Oliy Majlis of the Republic of Uzbekistan, decrees, resolutions and orders of the President of the Republic of Uzbekistan, this Charter and other legislative acts. Digitalization policy is directly related to information technology. Establishing the procedure for maintaining the Unified National Information System, setting functional requirements for the Unified National Information System, developing terms of reference, implementing functional management and training of project participants in working with the system, taking measures to ensure the security of the Unified National Information System, e-government, e-government, public procurement, single information portal, geographic information system, etc. are also the tasks and responsibilities of the project management. The introduction of digital technologies is also required in the field of complex technical and economic analysis of projects, including the presence of signs of corruption and other abuses of ongoing projects.

To do this, the project management itself must be perfect and well-structured. Training and methodological materials on project management have been formed and updated, their delivery to government agencies and other organizations has been ensured; developed project management models that take into account the specific characteristics of government agencies and other organizations. Coordinated work in the field of project management to increase the level of experience and professional training of employees of government agencies and other organizations, as well as the formation of appropriate human resources.

The National Agency for Project Management under the President of the Republic of Uzbekistan has signed agreements with a number of leading companies in the digital economy of Japan, South Korea, Singapore and China, including Infinity Blockchain Holdings Pte Ltd., WowooXpte Ltd., Emurgo Co. Ltd. and collaborates with other companies on the introduction of digital technologies. The use of digital technologies in education is one of the most important issues today. "Today, Uzbekistan is more than ever ready for innovation. To do this, we are ready to help the country learn what a blockchain is, what features it has, and how it can improve living standards in all its aspects," said Alex Hayashi, EmurgoCo. Ltd. CEO.

For all of us, the acquisition of modern knowledge, the acquisition of true enlightenment and high culture must become a constant necessity of life. In order to

achieve development, we need to acquire digital knowledge and modern information technologies. This allows us to take the shortest path to ascension. After all, today in the world, information technology is penetrating deep into all areas. According to the International Information and Communication Technologies Development Index, our country has risen by 8 places in 2019, which is a great result.

Most ministries and agencies, enterprises use digital technologies in absolutely inefficient situations. Of course, we all know that the formation of a "digital economy" requires the necessary infrastructure, a lot of money and manpower. Therefore, the active transition to a "digital economy" will be one of our top priorities for the next five years. Digital technologies not only increase the quality of products and services, but are also very beneficial in reducing redundant costs. At the same time, it is an effective tool in overcoming the scourge of corruption, which is the most serious problem that worries and disturbs us all. We all need to understand this deeply. Public and social governance, as well as the widespread introduction of digital technologies in the social sphere, can increase productivity, in short, dramatically improve people's lives.

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