

DEVELOPMENT OF INNOVATIVE INFORMATION TECHNOLOGIES IN UZBEKISTAN

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<i>A B S T R A C T</i>	<i>KEYWORDS</i>
During the years of independence, Uzbekistan made significant progress in introducing modern information technologies. The government has implemented a number of policies and initiatives aimed at stimulating the development of the technology sector, thus making Uzbekistan a regional center of innovation.	

Introduction

The main innovations in the field of technology in Uzbekistan are:

1. Growth of the startup ecosystem: The number of technological startups has been increasing in Uzbekistan in recent years. In particular, special attention was paid to innovative solutions aimed at meeting local and regional needs. The government has implemented several programs to support the growth of small and medium enterprises (SMEs) and startups, which has led to a significant increase in the number of tech startups in the country.
2. Infrastructure Investments: The Uzbek government has made significant investments in infrastructure development to support the growth of the technology sector. This includes the creation of technology parks such as the Tashkent Innovation Center and the Mirzo Ulugbek Innovation Center, as well as upgrades to the national broadband network and lowering the cost of internet access.
3. Modernization of education: The government of Uzbekistan has modernized its education system, paid great attention to technology education, trained young people to train specialized personnel in the field of technology. This tolerance for technology education has led to the creation of dedicated technology programs in universities where the government offers scholarships to deserving students.
4. Government support: The government of Uzbekistan has implemented various programs to support the development of the technology sector. These include tax incentives, investment in research and development, and support for university students' technology-related businesses and startups.
5. E-Governance: Uzbekistan has made significant progress in implementing e-government systems such as the Unified Interactive Public Service Portal. The system allows citizens to access government services digitally. In addition, the government has also introduced e-Tax Payers and e-Customs systems to further facilitate the process of doing business in the country.

In the modern conditions of economic development, it is very important for industrial enterprises to achieve innovative and technological progress, because only in this way can increase innovative activity in industrial enterprises, create a modern technological base, produce competitive products, rational use of natural resources, increase efficiency and labor productivity. , and it will be possible to strengthen their international and local competitiveness.

Therefore, one of the urgent problems of the management of industrial enterprises of Uzbekistan is to achieve the required level of quality and quantity of innovative activities. In today's reality, revitalizing innovative activities in the country is not only about ensuring economic stability, creating conditions for the health of the economy and its future development, accelerating the pace of business development, and at the same time strengthening leadership and surpassing competitors, as well as all areas of business. It is also necessary to protect in time from damage to the industry in case of introduction of radical innovations that are not economically practical.

The concepts of "innovation" and "innovative activity" have been widely used in economic practice in Uzbekistan since 1992. In many local legal documents, innovative activity is presented as a unique scientific and technical activity. There are several approaches to defining the concept of "innovation" and "innovative activity" in modern science. Some authors define it as a purposeful and creative activity consisting of a set of 28 different types of work interconnected in a single process to create and produce innovations, others emphasize that innovation is the use of innovation for profit process, for commercial purposes, that is, entrepreneurial activity, others consider innovative activity as a commercial activity related to the acquisition of new knowledge and its implementation by other market participants.

Uzbekistan is undergoing a digital transformation and the country is paving the way for the economy from innovative directions of technology to accelerate growth in various sectors of the economy. Uzbekistan's most innovative approaches to technology are as follows:

1. Robotics: Uzbekistan's approach to robotics innovations is noticeable. The state is seeking to establish a robotics manufacturing center in the capital city of Tashkent, thus positioning itself as a center of modern robotics technologies. The center will introduce industrial automation technologies, including production robots that can work in difficult environments.
2. Blockchain: Uzbekistan is one of the few countries in the world researching blockchain technology. The government has established the "Blockchain Uzbekistan Center", the purpose of which is to develop solutions using blockchain technologies in a number of sectors, such as finance, real estate and logistics. Blockchain technology is widely used in Uzbekistan to ensure transparency and accountability.
3. E-commerce: The government of Uzbekistan has taken important steps to establish e-commerce. The country has attracted investments from famous global e-commerce giants. Innovative approaches such as the creation of digital platforms like Zoodmall, an online store that aggregates products from various sellers, are revolutionizing e-commerce in the country.
4. Artificial intelligence: Uzbekistan is adopting artificial intelligence to improve the efficiency and quality of many public services, including healthcare. The government is launching projects that include diagnostic chatbots and remote monitoring systems, enabling more convenient patient care and allowing doctors to provide quick, actionable answers.
5. Smart cities: The government of Uzbekistan realizes the need to raise the standard of living among its citizens. Thus, modern trends in technology are used in the construction of Smart Cities using

Internet of Things (IoT) technology, which allows to simplify daily habits while creating stable technological systems. This approach saw the completion of the Smart City project with technology such as drones in Damchik and demonstrated its potential.

In conclusion, Uzbekistan is implementing innovative approaches to technologies in a number of fields, from robotics and blockchain technology to e-commerce, creative intelligence and smart city projects. The government's commitment to innovation in these technological areas represents a significant shift in the country's economic and industrial development. These technological innovations allow Uzbekistan to fully realize its potential, directly affecting its industry and improving the lives of its citizens. Uzbekistan has made significant progress in creating favorable conditions for stimulating technological innovation. This forecast led to the country's emergence as a technology center within the Central Asian region. The startup serves to accelerate the modernization of Uzbekistan in the field of ecosystem growth, investment in infrastructure development, modernization of education, state support and e-government technologies. The dedication of the Uzbek government to digital transformation is noteworthy. The growth in technological development is something that is likely to continue in the coming years.

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