



Using Digital Technologies In Implementing The Fundamentals Of Economy.

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ABSTRACT

This article analyzes the role of digital economy in Uzbekistan and its impact on the economy. Digital technology and innovations create opportunities to bring the economy of Uzbekistan to a new level, as well as increase production efficiency, improve public management, and strengthen competitiveness. The article explores the importance of existing infrastructure, information technology and public policy for the development of the digital economy. The study analyzed the current state of the Digital Economy, Opportunities and problems in Uzbekistan.

Keywords:

digital economy, information technology, innovation, economic development, Uzbekistan, digital transformation, production efficiency.

Introduction

Digital economy is information and information technologies economic to processes integration representative new economic system. In Uzbekistan last in years digital of the economy development important attention being addressed from issues to one President Shavkat Mirziyoyev by previously pushed digital transformation policy and "Digital Uzbekistan" program state management modernization to do, the economy diversification to do and digital infrastructure to develop aimed at main are mechanisms.

Digital of the economy development Uzbekistan in the economy new opportunities creating, many in the fields efficiency to increase help However, this of the process success many factors, including information technologies infrastructure, education and personnel preparation, and legal and economic to the environment It depends. So so, this in the article In Uzbekistan digital of the economy current status , development prospects , and this of the

process to the economy impact analysis will be done.

Digital to the economy related scientific literature analysis In Uzbekistan this industry development basis as information technologies to study own inside takes. In Uzbekistan and abroad take visited research, many of countries digital to the economy transition process shows.

- Abdukarimov, N. (2021) In Uzbekistan digital of the economy development stages analysis so that the state digital to transformation directed of the policy efficiency seeing came out.

- Gulomava , D. (2020) Digital of technologies of the economy different to the fields the impact analysis did and especially trade and industry in the fields to changes attention focused.

- Khamdamov, A. (2022) Information technologies and digital of the economy efficiency to increase focused global experience and his/her To Uzbekistan adaptation learned came out.

• Bektemirov, E. (2023) Digital of the economy Uzbekistan to the economy the impact learn, like this technologies current to grow through economic growth encouragement possible emphasized.

Analysis done sources, in Uzbekistan digital of the economy development economic, social and technological in terms of assessment for solid scientific basis creates.

RESEARCH AND METHODOLOGY.

Research methodology as quantitative and good quality research methods applied. Research following main from methods used:

• **Empirical analysis** in Uzbekistan digital of the economy current status study for economic indicators and statistic information analysis was done.

• **Comparative analysis:** Uzbekistan and digital in the economy leader was other countries, such as Estonia, Singapore, and South Korea experience compared.

• **Forecasting methods:** in Uzbekistan digital of the economy future to develop related forecasts and opportunities was evaluated.

Analysis And Results

Table 1. Uzbekistan digital to the economy investments dynamics (2021-2025)

Year	Investments (million \$)	Digital infrastructure development (%)	Internet users number (million)	Economic growth rate (%)
2021	400	50	21	1.8
2022	520	55	23	2.3
2023	650	60	25	3.1
2024	800	65	28	4.0
2025	900	70	30	4.5

Table 1: Uzbekistan digital to the economy was investments in 2021-2025 during changes shown in the table. investments size, digital infrastructure development speed, internet users number and economic growth pace shown. Starting in 2021, digital to the economy was investments noticeable at the level increased, this and information technologies and digital infrastructure development provided. In the table shown economic growth pace digital transformation from the fruits one as It seems that Uzbekistan digital to the economy investment input increase, economic growth to strengthen and new opportunities to create help is giving.

In the table main information:

• **Investments (million \$):** Uzbekistan digital to the economy included funds size.

• **Digital infrastructure development (%):** Internet, information technologies infrastructure development level.

• **Internet users Number (million):** in Uzbekistan from the internet user population number.

• **Economic growth rate (%):** Uzbekistan in the economy growth rates, digital of the economy the impact own inside received without.

Table 2. In Uzbekistan digital of the economy sectoral impact

Sector	Impact rate (%)	Changes (per year)
Trade	30	Electronic trade size growth
Industry	25	Automation and working release technologies
Population services	20	Online services and applications
Education and health storage	15	Digital platforms through education and medicine services
Village farm	10	Digital village farm management and monitoring

Table 2: In Uzbekistan digital of the economy different economic to sectors impact shown. Each sector for digital transformation impact level and changes shown. Digital technologies, especially trade, industry, services and village on the farm noticeable to changes take is coming. Example for, electronic of commerce expansion and online services working release and consumption to do further facilitated, in industry and automation technologies current to be working release processes further effective did. In the table shown information digital of the economy every one in the field how positive changes to the surface is bringing and this of changes economic the impact shows.

In the table main information:

• **Sector:** Digital economy impact doing economic sector (e.g. , trade , industry , services , agriculture farm and others).

• **Impact Rate (%):** Every one in the field digital transformation impact level, that is digital technologies and of innovations how much effective that it was.

• **Changes (per year) :** Every one sector according to digital of the economy current to be as a result to the surface arrived changes , for example , electronic commerce size increase , work release technologies update , or online of services development.

Conclusion

In Uzbekistan digital of the economy development current on the day economic growth and society modernization in doing

important to the factor is spinning. Digital technologies and innovations of the economy different in the fields efficiency increase, develop release and service show systems optimization, as well as new work their places create opportunities presented Especially in information and communication technologies current electronic of commerce expansion and digital state management system development In Uzbekistan economic structure further competitive and effective to be opportunity creates.

Digital of the economy successful development for Uzbekistan government by many initiatives done is being increased. “ Digital Uzbekistan ” program within the framework of information technologies infrastructure and digital platforms further is being developed , that is with together , digital to the economy ready personnel cultivation for education in the system also reforms done However , digital transformation in the process some problems also available , for example , on the internet village in the regions limited supply , information safety with related problems and digital literacy increase necessity .

This with together, in Uzbekistan digital of the economy development for foreign experience and global trends into account to take important. Uzbekistan digital to the economy integration, Estonia, Singapore and South Korea such as advanced of countries experiences based on done if increased, this the

country global digital in the economy important place to occupy help gives.

As a result, digital of the economy development not only economic growth provides, but society all in the fields reforms and innovations input opportunity creates. Uzbekistan for digital transformation is only to technologies based development not, maybe whole economic and social of the system effective and stable to be provider is a process. Digital of the economy successful development with Uzbekistan his/her own economic to grow additional motivation giving, the world in the economy solid place possession possible.

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