DIGITALIZATION AND ITS IMPORTANCE IN ECONOMY OF UZBEKISTAN

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Abstract. This article describes the importance of digitalization for the development of the country's economy. The concepts of digitization, digitalization, methods and stages of digitalization are revealed. The features of the introduction of the digital economy in Uzbekistan, the methods and stages of digitalization in the field of public services and in sectors of the economy were studied.

Key words: digitization, digitalization, digital technologies, transformation, information technologies

Аннотация. В данной статье описывается важность цифровизации для развития экономики страны. Раскрываются понятия оцифровки, цифровизации, методы и этапы цифровизации. Были изучены особенности внедрения цифровой экономики в Узбекистане, методы и этапы цифровизации в сфере государственных услуг и в секторах экономики.

Ключевые слова: оцифровка, цифровизация, цифровые технологии, трансформация, информационные технологии

Annotatsiya. Ushbu maqolada mamlakat iqtisodiyotini rivojlantirish uchun raqamlashtirishning ahamiyati tasvirlangan. Raqamlashtirish, raqamlashtirish tushunchalari, raqamlashtirish usullari va bosqichlari ochib berilgan. O'zbekistonda raqamli iqtisodiyotni joriy etish xususiyatlari, davlat xizmatlari sohasida va iqtisodiyot tarmoqlarida raqamlashtirish usullari va bosqichlari o'rganildi.

Kalit so'zlar: raqamlashtirish, raqamlashtirish, raqamli texnologiyalar, transformatsiya, axborot texnologiyalari

The digital revolution has already transformed industries, production processes and ways of living and working, but many of these shifts are only just starting. Digitization is simply the changing of hard or paper files and documents to digital format. Think of scanning a picture, uploading paper documents, or converting a report into PDF form and storing it on a computer or website is digitization. The data and information remain the same, only the accessibility and storage change. It is beneficial for businesses because key information can be accessed instantly and easily. Digitalization is the strategy or process of utilizing digital technologies, resulting in deeper changes that can alter the core of business models. Ultimately, these changes lead to opportunities for increased efficiency

and revenue. Over the world, most countries try to improve digitization and digitalization rate and work on researches. “By 2020, 37% of firms in the European Union had still not adopted any advanced digital technologies, compared with 27% in the United States. There is also a risk of digital polarisation among European firms. Small businesses in particular are creating this lag between the European Union and the United States” said Debora Revoltella.[1] The purpose of digitization is to make information more easily accessible, storable, maintainable, and shareable through the use of digital technology.

Nowadays, digitization has various anvanteges to not only businesses but also whole economy of countries. One of the most important advantages of digitization is the ability to access information when needed. Digitizing an organization is an investment that quickly pays for itself. one in all the foremost benefits of digitization is that within the organization, information becomes more accessible. If businesses store informations on digital format rather than physically, anyone with right access can view the needed information. It doesn’t matter whether people are performing at the office or at their home workplace. This also makes it much easier to collaborate effectively. Internal and external data communication is also simplified. The speed and convenience with which information may be exchanged is a significant benefit of digitization. Another advantages of digitalization is a decres of operational costs. Printing, preserving, and keeping paper documents may be expensive for businesses. Worse, in the event of a natural disaster (fire, flood, etc.), the papers may be destroyed, resulting in the loss of most valuable asset. Going digital will significantly lower the cost of document maintenance while also reducing or eliminating the expense of printing and exchanging them. Digital storage is far less expensive than physical cabinets and provides a better and more cost-effective method of backup and recovery.

When information is digitized, the pace at which it is exchanged and delivered to the proper individual is exceedingly quick. Giving senior management the capacity to get correct information when it is needed will allow them to make better educated business decisions, which will eventually help your company thrive. Furthermore, by utilizing comprehensive reporting tools, these managers may monitor how the organization is operating at any given time and make modifications as needed. Knowledge workers spend 30% of the workday searching for information.[2] If data store in digitally, searching and checking time will be decreased, At the result it increases productivity of company and also decrease the costs which helps to improve purchasing power parity. Moreover digital firms allocate a larger share of their investment to research and development as well as software and data than non-digital firms. Digital firms also tend to have higher investment intensity than non-digital firms. This result can be attributed to the

[1] Director, Economics Department European Investment Bank. Digitalisation in Europe 2020-2021: Evidence from the EIB Investment Survey
[2] https://theecmconsultant.com

higher productivity of digital firms and the stronger demand for their goods and services that comes on the back of it.

Digitalization has not only economical but also environmental benefits. If information store on physical format, it requires papers which is made from trees. If we use digitization on storing and recovering them, it avoids cutting down the forests and helps to make Earth greener. In terms of sustainability and natural resources, each corporation owes a commitment to present and future generations.

A comprehensive and fundamental transformation of the national economy into a complete revision of the culture, operations, technologies, and principles for creating new business products and services. Starting this process, the digitalization at the level of small and medium-sized enterprises will affect products, services, marketing and distribution channels, business processes, supply chains, and the search for new partners in the market.

Now look at he process of digitalization in Uzbekistan. Preliminary analysis of the situation in the market of Uzbekistan, according to the OECD:

– during 2018-2020 Uzbekistan climbed 6 positions in the UN e-government Development Index and took 87th place out of 193.[3] " For the qualitative digital transformation of enterprises, a comprehensive strategy is needed, which will take into account the creation of an institutional framework that supports the active introduction of IT technologies in business, raising the awareness of business entities about services provided in various sectors of the economy and developing digital literacy development tools. The development strategy until 2030 approved by the President of Uzbekistan sets itself precisely these goals. Among the priorities is to increase the volume of services provided by 2.5 times. This includes the development of e-government, public services for the population, education, healthcare, and medicine. By the end of the year, it is planned to install 6.5 thousand mobile stations that will connect remote settlements to the Internet and the share of their coverage will be increased to 60 percent. It also provides for the installation and launch of data centers throughout the country" said Laziz Kudratov.[4] Uzbekistan prioritized digitalization and development of information-communication technologies (ICT) yet in early 2000s. For instance, Uzbekistan has been implementing an integrated program of National Information and Communication System Development 2013-2020, the National Action Strategy on Five Priority Development Areas 2017-2021, the "Digital Uzbekistan – 2030" Strategy and the latest the Development Strategy of New Uzbekistan for 2022-2026 to implement digital transformation in national economy, industry and society in general. Since 2017, the overall bandwidth speed of the international networks has been increased more than 28-fold – from 64.2 to 1800 Gbit/s in January 2022. As of January 2022, in Uzbekistan following the public administration reforms and digitalization of the sphere 56% public services provided through the portal of interactive public services (e-government portal).

[3]https://review.uz
[4] – First Deputy Minister of Investments and Foreign Trade, Director General of the SDA. sda.gov.uz

The number of public services on the e-government platform of the country (my.gov.uz) reached 307 and 1.3 million citizens are actively using such electronic public services. Whereas, the total number of Internet users in Uzbekistan reached 27.2 million. These indicates shows that there are various program working on digitalization in Uzbekistan and we have potential resources to this.

Generally digital technology and services play a central role in recovering from the pandemic and also building resilient economies. Therefore, expanded digitalization and digital transformation should be the main priorities for developing countries. There are plenty of advantages of digitalization for countries and their development.

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