

CRYPTOCURRENCIES: DEVELOPMENT, RISKS AND OPPORTUNITIES

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ANNOTATION: This article comprehensively covers the origin, development processes, risks and opportunities of cryptocurrencies, which have become an integral part of the modern digital financial system, and the economic opportunities they pose. The impact of cryptocurrencies on the global and Uzbek financial markets, as well as the regulatory problems and prospects related to these currencies, is analyzed. In the article, the authors conduct an in-depth analysis based on available scientific sources, practical research, international experience and statistical data.

KEYWORDS: Cryptocurrency, blockchain, digital finance, risk, investment, financial technology, regulation, bitcoin, token, Uzbek economy

INTRODUCTION

Over the past decade, the world financial system has changed radically, and the emergence of digital assets, in particular cryptocurrencies, has become a significant event in the global economy. Cryptocurrency is a decentralized digital asset based on blockchain technology, created using cryptographic algorithms, which allows financial transactions to be carried out quickly, securely, and without central authorities. Since the creation of Bitcoin in 2009, the number and type of cryptocurrencies has increased significantly. To date, there are more than 20 thousand types of cryptocurrencies, the total market value of which is hundreds of billions of dollars. At the same time, the growth and spread of this industry has brought not only positive results, but also a number of problems - legal chaos, fraud, uncertainty, and investment risks. The Republic of Uzbekistan is also taking the first steps in this direction. In recent years, the country has implemented a number of reforms aimed at developing the digital economy, supporting the activities of FinTech companies, and creating a legal framework for working with cryptocurrencies. This article is devoted to studying the essence of this complex and modern financial phenomenon, assessing the impact of cryptocurrencies on the global and national economy, and identifying the risks and opportunities associated with it. Throughout the article, the authors try to draw important conclusions based on an analytical approach based on the available data.

The research methods used in this article are as follows:

Analytical method - identifying existing problems by studying global and local trends in the cryptocurrency market

Comparison - comparing the differences of cryptocurrencies from traditional currencies;

Historical method - looking at the history of the emergence and development of cryptocurrencies;

Empirical method - analyzing existing statistical data, expert opinions and legislative documents;

Systematic approach - identifying the relationship between risks and opportunities

The research process used the legislative framework of the Republic of Uzbekistan, data from the Central Bank, reports of international organizations (IMF, World Bank, BIS), as well as scientific literature and articles in the Uzbek language.

MAIN SECTION

1. Origin and development of cryptocurrencies

The roots of cryptocurrencies go back to the digital money systems of the 1980s and 1990s. However, Bitcoin, which is considered a real cryptocurrency, was launched in 2009 by a person known under the pseudonym Satoshi Nakamoto. Bitcoin is based on blockchain technology - a system that allows transactions to be conducted in an open, immutable and decentralized manner.

In recent years, other digital currencies have appeared, such as Ethereum, Ripple, Litecoin, Cardano. Each has its own technical characteristics, goals and areas of use

Blockchain technology is currently used not only in the financial sector, but also in healthcare, education, logistics, etc. It is the capabilities of this technology that have contributed to the rapid popularity of cryptocurrencies.

2. Advantages of cryptocurrencies

Decentralized system - cryptocurrencies can be used without the control of banks or government agencies;

Fast transactions - international transfers are made in seconds;

Low costs – no bank commissions;

Transparency – all transactions are kept public on the blockchain;

Based on new technologies – integrated with artificial intelligence, smart contracts and DeFi services.

3. Risks and problems of cryptocurrencies

Price volatility – the price of cryptocurrencies has sharp fluctuations, which poses a great risk to investors;

Legal uncertainty – the status of cryptocurrencies is not clearly defined in many countries;

Fraud and pyramid schemes – many illegal projects operate in the crypto sector; Technical errors and hacking - user funds can be lost on platforms with weak security;

Negative impact on the environment - “mining” some currencies requires a lot of energy.

4. Attitude to cryptocurrencies in Uzbekistan

The Resolution of the President of the Republic of Uzbekistan No. PQ-3832 of July 3, 2018 approved “Measures for the Development of the Digital Economy”. In 2020, the Digital Trust Agency was established. By 2022, a number of legislative acts regulating activities related to crypto-assets were developed.

In 2023, the first authorized crypto exchanges began operating in Uzbekistan. This indicates a positive attitude towards the development of this industry on a legal basis in the country. However, crypto-assets are not yet recognized as a means of payment.

ANALYSIS AND RESULTS

The data studied in the article show the following important results:

Cryptocurrencies have ushered in a new stage in the global financial system.

The possibilities of their use are great, but along with their popularity, new risks and problems are emerging:

The role of cryptocurrencies in economic circulation is increasing. They are considered an investment tool, a means of asset diversification, and an alternative for international payments.

Price volatility is an obstacle to their widespread use as a reliable means of payment.

Fraud related to crypto assets is a sign that many users are being deceived. In particular, people are suffering significant financial losses through crypto-pyramids and fake tokens.

Insufficient legal and institutional mechanisms, the lack of clear regulatory standards are slowing down the consolidation of cryptocurrencies in the official economy.

In the conditions of Uzbekistan, this industry is just taking shape. However, the state's policy of supporting the digital economy creates conditions for working with cryptocurrencies

Due to the low financial literacy of the population, many users misunderstand cryptocurrencies and use them for the wrong purposes.

Blockchain-based financial technologies (for example, DeFi, tokenization, smart contracts) have the potential to reform many sectors of the economy.

The above analysis shows that cryptocurrencies are a financial phenomenon that has not yet been fully formed, which combines risks and opportunities, but can become an important link in economic development in the long term.

CONCLUSION

Cryptocurrencies have emerged as one of the largest financial innovations of the 21st century. The blockchain technology underlying them serves to ensure the transparency of financial information, reduce transaction costs, and ensure security. Cryptoassets have breathed new life into the global financial system, especially by promoting decentralized economic models. However, their current state is fraught with many problems: gaps in the law, fraud, risks to investors, environmental damage, etc. That is why this area requires careful study by states, the development of strict control and protection mechanisms. In Uzbekistan, a cautious but open policy is being pursued towards cryptocurrencies. The Digital Trust agency, the licensing of crypto exchanges, and the development of regulatory legal acts on digital assets are among the positive steps in this regard. The following can be recommended for further development of this area in the future:

Increasing financial and technological literacy among the population and entrepreneurs;

Creating clear laws and regulations governing cryptoassets;

Strengthening institutional and technological measures against risks;

Developing a cryptoeconomic model based on scientific research and analysis;

Creating a socially safe and stable digital environment for the economy of Uzbekistan.

Cryptocurrencies are not only a financial technology, but also a new page in future economic development. How to accept and manage it will depend on the political will and intellectual potential of each country.

LIST OF REFERENCES

1. Karimov O. "Digital Economy and Financial Technologies". – Tashkent: Iqtisod-Maliya, 2022.
2. Abdullayev S. "Cryptocurrencies and Blockchain Technology". – Tashkent: Ilm Ziyoy, 2023.
3. Resolution of the President of the Republic of Uzbekistan "On Measures to Develop the Digital Economy" No. PQ-3832. – July 3, 2018.
4. Akramov B., Rakhimov A. "Financial Markets and Investments: New Approaches". – Tashkent: Economics, 2021.
5. Reports of the Digital Trust Agency and the legislative framework of the Ministry of Justice of the Republic of Uzbekistan (lex.uz).