

Figure 1 – The prospects of blockchain in financial sector
 (Source: <https://www.linkedin.com/pulse/blockchain-hype-cycles-2018-david-furlonger>)

The creators of the project consider blockchain as a tool for establishing trust ties, as transparency and security of all processes can completely change the dynamics of relations within the industry.

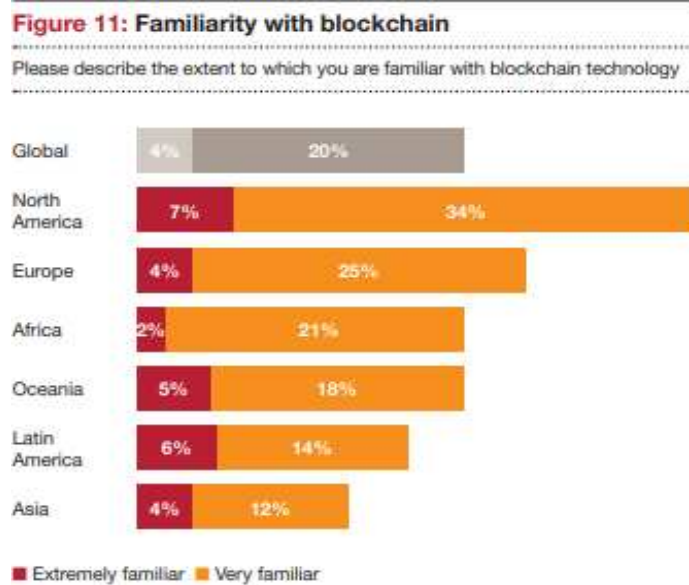


Figure 2 – Familiarity with blockchain
 (Source: PWC Research)

Blockchain technology could end corruption in the construction industry. It's a distributed, reliable registry that can't be changed and that allows you to track and account for events. In the construction industry, where different people are involved and don't trust each other, technology like this can be useful.

Refineries generate many streams of information: data on process parameters and product specifications, as well as reports on energy consumption and personnel activities. Therefore, the blockchain system for oil companies is the most effective way to control.

Cost reduction, increased security and greater transparency of transactions are the three strengths of blockchain.

Among modern experts who analyze the possibility of using Blockchain in the banking sector, there is an opinion that this technology is able to completely transform the structure of banks, and soon it will be radically different from what we are used to dealing with today.

The graph shows that many modern industries are trying to use blockchain to solve their production problems, and every year new industries appear that begin to explore blockchain.

From graph we can say that 77% of companies plan to adapt blockchain technology by 2020 and only 24% of companies know about blockchain well enough.

Conclusion

- 1) The work of accountants is being replaced?

Transactions are recorded accurately, someone will have to check out the technology that creates the blockchain. Accountants will move from the audit of individual transactions to the system audit produced by this transaction.

As a result, accountants who want to stay at work will need to develop the skills necessary to understand the work of the blockchain and other technologies. They don't have to learn to code (although it would be nice), but they need to be technical enough to keep up with the fast pace

- 2) Low speed due to cryptography may create some disruption

A serious obstacle to the widespread introduction of blockchain is often called the speed of work. The bandwidth of the Bitcoin system is only seven transactions per second. This figure does not go to any comparison with two thousand transactions per second, on average, passing through the VISA payment system, the maximum performance of WHICH reaches 56 thousand transactions per second.

They are actively working to improve the performance of blockchains, to reach 100,000 transactions per second. Every year, productivity will be improved and in accordance with this, the number of transactions will reach the maximum number.

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Влияние блокчейн на бухгалтерский учет

Аннотация. Эта статья состоит из информации о блокчейне и о его влиянии на бухгалтерскую профессию. Метод, который используется в исследовательской работе, является количественным. Проанализированы все проблемы и влияние Blockchain в разных областях, в частности, на бухгалтерский учет. После анализа выведена гипотеза. Все эти проблемы собраны из нескольких обзоров и сайта.

Ключевые слова: блокчейн в бухгалтерии, виды системы блокчейн.

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Бухгалтерлік есептегі блокчейннің әсері

Аңдатпа. Бұл мақала blockchain және оның бухгалтерлік кәсіпке әсері туралы ақпараттан тұрады. Зерттеуде қолданылатын әдіс - сандық әдіс. Барлық проблемалар мен

Blockchain-нің әртүрлі салаларға, атап айтқанда, бухгалтерлік есепке әсері талданды. Талдаудан кейін гипотеза жасалды.

Кілт сөздер: бухгалтерлік есептегі blockchain, blockchain жүйесінің түрлері.

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УДК 530.1, 681.3.06

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**APPLICATION OF INFORMATION TECHNOLOGY IN
MANAGEMENT DECISION-MAKING**

***Abstract:** The article is written on the topic "Application of information technology in management decision-making". The article highlights and describes the characteristic features of information technology for decision making, gives an overview of the types of information technology for decision making, and also describes the processes of the programs. The article is addressed to a wide circle of readers, interesting for financiers and managers.*

***Key words:** management, decision-making, information technology, expert system, automated expert assessment, decision support systems.*

In the 21st century, information technology is an integral part of our everyday life and not only everyday life, information systems are used in management, in decision-making and in finance, everywhere. The advantages of information technology are most fully manifested when solving managerial tasks at enterprises and organizations. Nowadays, information technologies are used by organizations of all types operating in all spheres of social production. Without information technologies, it is impossible to imagine a modern manager today. There are a large number of software products on the market that automate various mechanisms for making managerial decisions necessary to achieve optimal market parameters for the management object.

So, what is decision-making? Decision-making is the foundation of management. Decision-making is the process of making choices by identifying a decision, gathering information, and assessing alternative resolutions. Development and decision-making is a creative process in the activities of a leader at any level, including:

- development and goal setting;
- studying a problem based on the information received;
- selection and justification of performance criteria;
- selection and formulation of the optimal solution;
- making decisions;