

WAYS TO INCREASE ECONOMIC EFFICIENCY IN THE PROCESS OF ECONOMIC MODERNIZATION.

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Annotation: *This article analyzes the role and importance of improving production quality in the process of economic modernization. Increased economic efficiency, export potential, and competitiveness are emphasized through quality improvement. The impact of the introduction of innovative technologies and quality management systems on economic development will be considered.*

Keywords. *Modernization of the economy, production quality, quality improvement, economic efficiency, export potential, competitiveness, innovative technologies, quality management system, digitalization, sustainable development.*

Annotatsiya: *Ushbu maqolada iqtisodiyotni modernizatsiyalash jarayonida ishlab chiqarish sifatini takomillashtirishning o'рни va ahamiyati tahlil qilinadi. Sifatni yaxshilash orqali iqtisodiy samaradorlik, eksport salohiyati va raqobatbardoshlikning oshishi ta'kidlanadi. Innovatsion texnologiyalar va sifat menejmenti tizimlari joriy etilishining iqtisodiy rivojlanishga ta'siri ko'rib chiqiladi.*

Kalit so'zlar. *Iqtisodiyotni modernizatsiyalash, ishlab chiqarish sifati , sifatni takomillashtirish, iqtisodiy samaradorlik, eksport salohiyati, raqobatbardoshlik, innovatsion texnologiyalar, sifat menejmenti tizimi, raqamlashtirish, barqaror rivojlanish.*

In the process of modernizing the economy, increasing production efficiency is carried out through several main directions. First of all, it is important to ensure technological renewal, since the introduction of modern technologies increases labor productivity and improves the efficiency of resource use. Also, the application of innovative solutions and the integration of research and development into production contributes to the optimization of production processes.

Enterprises can increase efficiency by modernizing their management systems. This includes, in particular, automation, digital transformation, and the introduction of modern management methods. For the effective use of labor resources, it is necessary to expand training and retraining programs for qualified personnel. Focusing on environmental sustainability in production, reducing waste, and implementing recycling technologies will bring not only economic but also social benefits.

Strengthening cooperation in production chains and developing regional integration are also important factors in increasing efficiency. At the same time, the rational use of financial resources, attracting investments, and developing public-private partnerships in the production sphere play an important role in modernizing the economy. Increasing

export potential by studying market demand and expanding product diversification also ensures economic efficiency.

The economic significance of improving production quality.

Increasing production efficiency reduces defects in the production process by improving quality, which reduces the amount of product processing or loss. As a result, the efficient use of resources is ensured, and production efficiency increases.

As a result of producing high-quality products, excessive production waste, defects, and processing costs are reduced. This serves to increase the profit of the enterprise.

A high-quality product expands market share and increases consumer confidence. This will allow for the production of competitive products in domestic and foreign markets, in particular, in export markets.

Implementation of innovations and technologies

Modern technologies, quality management systems (for example, ISO 9001, Six Sigma) are used in the process of improving production quality. This strengthens the technological basis of economic modernization.

Means and prospects for improving quality in the process of economic modernization

Quality Management Systems Quality management systems such as ISO, TQM (Total Quality Management), and Sigma allow for systematic and continuous improvement of production quality. As a result of the implementation of these systems, enterprises will increase economic efficiency and customer satisfaction.

Digitalization and automation IoT (Internet of Things), artificial intelligence, sensor monitoring, and other digital technologies enable real-time quality control in production. This process contributes to the early detection and elimination of defects.

Professional development and quality improvement require not only technological updates but also the training of qualified personnel. It is necessary to organize regular training courses and advanced training programs at enterprises. Government policy and support. The allocation of tax benefits, subsidies, and grants for innovative projects by the state to improve the quality of economic modernization increases economic efficiency.

Quality Improvement Tools.

In modernizing the economy, increasing production efficiency and creating competitive products are closely linked to improving quality indicators. Fixed assets:

Technological tools.

Implementation, automation, and digitization of new generation equipment.

Optimization of production processes based on the "Smart factory" concept.

Application of energy-saving technologies. Controls Implementation of international quality management standards, such as ISO 9001, ISO 14001.

Application of concepts such as Total Quality Management (TQM), Kaizen, Lean production. Using the "Six Sigma" methodology in quality monitoring. Human Resource Development Improving the qualifications of specialists, establishing permanent training programs. Encouraging innovative thinking and creativity.

Social incentive mechanisms for increasing labor productivity.

Digital tools Automation of quality monitoring using Big Data, AI (artificial intelligence) and IoT. Integration of production and market processes through ERP and CRM systems. Ensuring product consistency based on electronic certification and blockchain technology.

Prospects for quality improvement.

In the context of the Uzbek economy, quality improvement will develop in the future in the following directions:

Entry of local products into the global market. Bringing the quality of export-oriented products to the level of international requirements. Increasing the international competitiveness of the "Made in Uzbekistan" brand. Striving for an innovative economy Production of innovative products through startups, technology parks, and research institutes. Strengthening the integration of science and production. Principles of sustainable development. Expansion of production processes in accordance with environmental standards. Wide use of renewable energy sources. Digital transformation - transition to electronic management in all spheres within the framework of the "Digital Economy" strategy. The possibilities of real-time quality control of products are expanding. Increasing human resource potential. International exchange of experience in the field of quality management. Modernization of the personnel retraining and advanced training system.

It is noted that expanding energy-saving technologies, reducing waste, and developing renewable energy sources are economically and socially beneficial for ensuring environmental sustainability. To increase labor productivity, it is necessary to develop personnel potential, expand training and retraining programs for specialists capable of working with modern technologies.

Improving the quality of production in the process of economic modernization is an important factor in achieving sustainable development, increasing competitiveness, and economic efficiency. Improving quality contributes to the growth of not only the enterprise, but also the entire country's economy. Therefore, it is necessary to pay attention to quality management systems, digitalization, and the training of qualified personnel.

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