

## Improving Methods of Managing Innovation Activities in Textile and Knitwear Industry Enterprises

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**Annotation:** The article discusses methods to improve the management of innovation activities in textile and sewing-knitwear industry enterprises. It highlights measures aimed at creating new consumer values through the introduction of innovative projects into management practices, enhancing production efficiency, ensuring financial stability of industrial enterprises, and increasing the global competitiveness and innovation development index indicators of national economy sectors.

**Keywords:** industry, textile industry, innovation, innovative activity, economic efficiency, labor productivity, innovative management, management models, financial management

**Introduction:** In the state policies of countries worldwide, a priority focus is given to ensuring stable economic growth by introducing innovative projects into the management practices of industrial enterprises. This approach aims to create new consumer values, improve production efficiency, ensure financial stability, and enhance the global competitiveness and innovation development index of national economy sectors.

Analyses reveal that in the 1980s, industrial enterprises globally experienced rising production costs, declining population incomes, and reduced profitability, which led to increased budget deficits in economies. Consequently, many countries gradually shifted from traditional manufacturing to innovation-based management practices that enable the production of high-tech goods. This shift significantly emphasized the necessity of information and communication technologies (ICT) becoming integral components of the infrastructure supporting the innovative activities of industrial enterprises.

Managing innovation activities in textile and sewing-knitwear enterprises has a notable impact on economic development. Hence, effectively utilizing industrial enterprises' potential and continuously leveraging advancements in science and technology becomes essential during the implementation of new development strategies. Transitioning to new market conditions necessitates fostering innovation activities in the textile and sewing-knitwear industry enterprises.

The theoretical and methodological foundations of innovation activities, as a fundamentally new type of economic relationship, should be developed considering regional characteristics during the market economy era. The process of forming innovative activities involves stages, a complex organizational-economic structure, and a distinctive regulatory system.

Effective management of innovative activities requires practical use of systematic analysis methods, particularly in harmonizing interactions between different property forms and fostering competition within a social market economy. Addressing the scientific and practical challenges of perfecting financial regulation methods and enhancing the economic mechanisms of innovation activities amid the emergence and development of markets for scientific-technological products and digital economy practices remains a pressing issue.

Measures are being implemented in Uzbekistan to introduce innovative technologies into the industrial sector, optimize highly efficient management systems using modern digital economy tools, and develop the textile and sewing-knitwear industries in line with market conditions.

**Literature Review:** Numerous research works by both international and domestic scholars have been conducted on managing innovative activities. Internationally, aspects of innovation

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management have been explored by researchers such as D. Arjibudji, J. Howells, D. Bell, P.Y. Drucker, B. Lundvall, N. Mazur, Ivanov, and R. Fatkhutdinov. J. Schumpeter's works, for instance, developed macroeconomic models for ensuring economic growth through innovative components. Schumpeter identifies functional tasks of the innovation sector as follows: commercial analysis of potential consumers of innovations, sourcing promising ideas, organizing and implementing innovations, scaling production, and maintaining or terminating products.

In the post-Soviet context, economists such as V.V. Avdeev, A.M. Babashkina, Yu.T. Bazarov, L.V. Volkov, P.V. Zhuravlev, and others have studied aspects of innovative management, staff management, and the economic-legal issues of industrial enterprises. Uzbek researchers, including A.M. Kadirov, Sh.N. Zainutdinov, and F. Ergashev, have contributed significantly to understanding innovation development and management. For instance, G.J. Khasanova emphasizes that "innovation activity" is not a distinct sector but a characteristic applicable to any field where innovations (knowledge, technologies, applications) are introduced to achieve high-demand results.

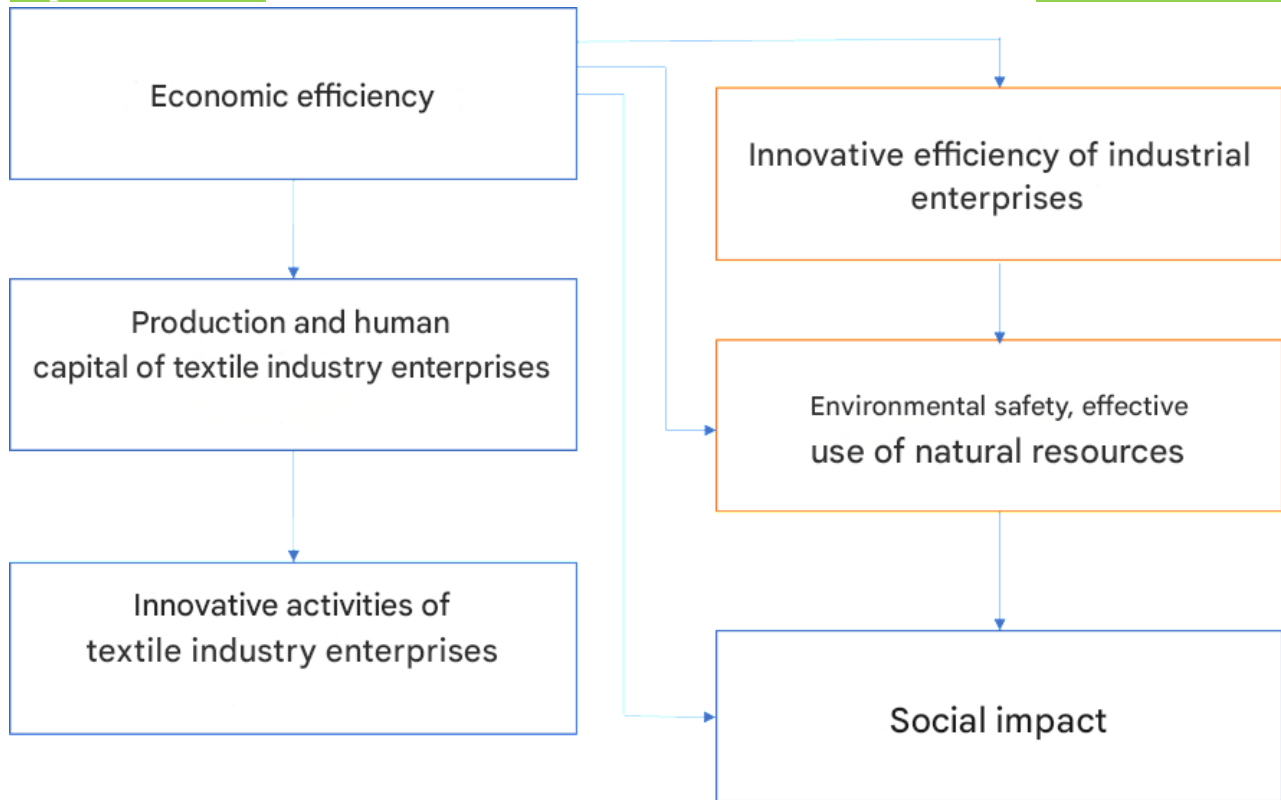
**Methodology:** The importance of enhancing the innovative activities and management of industrial enterprises has been underscored by digital transformation. According to international innovation indices, economically developed countries like Germany (2.26 points), the USA (1.80 points), Japan (1.79 points), and Sweden (1.64 points) lead globally. In 2019, Bloomberg's innovation economy rankings highlighted South Korea, Germany, Finland, and Switzerland as top performers. The evolving structural changes in global economies and the accelerating pace of innovation processes are defining features of modern socio-economic systems.

**Analysis and Results:** For company managers, merely having a good product is insufficient. They must focus on adopting new technologies to avoid lagging behind competitors. This involves implementing innovation management practices, such as analyzing innovation programs and plans, monitoring and executing new product development, and coordinating production units' activities. Additionally, financial and material resources must support innovation programs, and skilled personnel should deliver innovative services.

Moreover, regional industry management requires creating comprehensive statistical data banks and implementing advanced policies to enhance production capacities, modernize facilities, and adopt competitive technologies. Developing mechanisms to manage innovation processes effectively within enterprises is critical, including assigning specific responsibilities, providing resources, and maintaining structured action plans.

Innovative potential development demands a dedicated innovation department with specialized staff and clear organizational roles. This department should handle tasks such as analyzing innovation data, formulating strategic solutions, and adapting production processes to new standards. The integration of innovations in industrial enterprises—combined with efficient management practices—forms the cornerstone of sustainable economic growth and competitiveness.

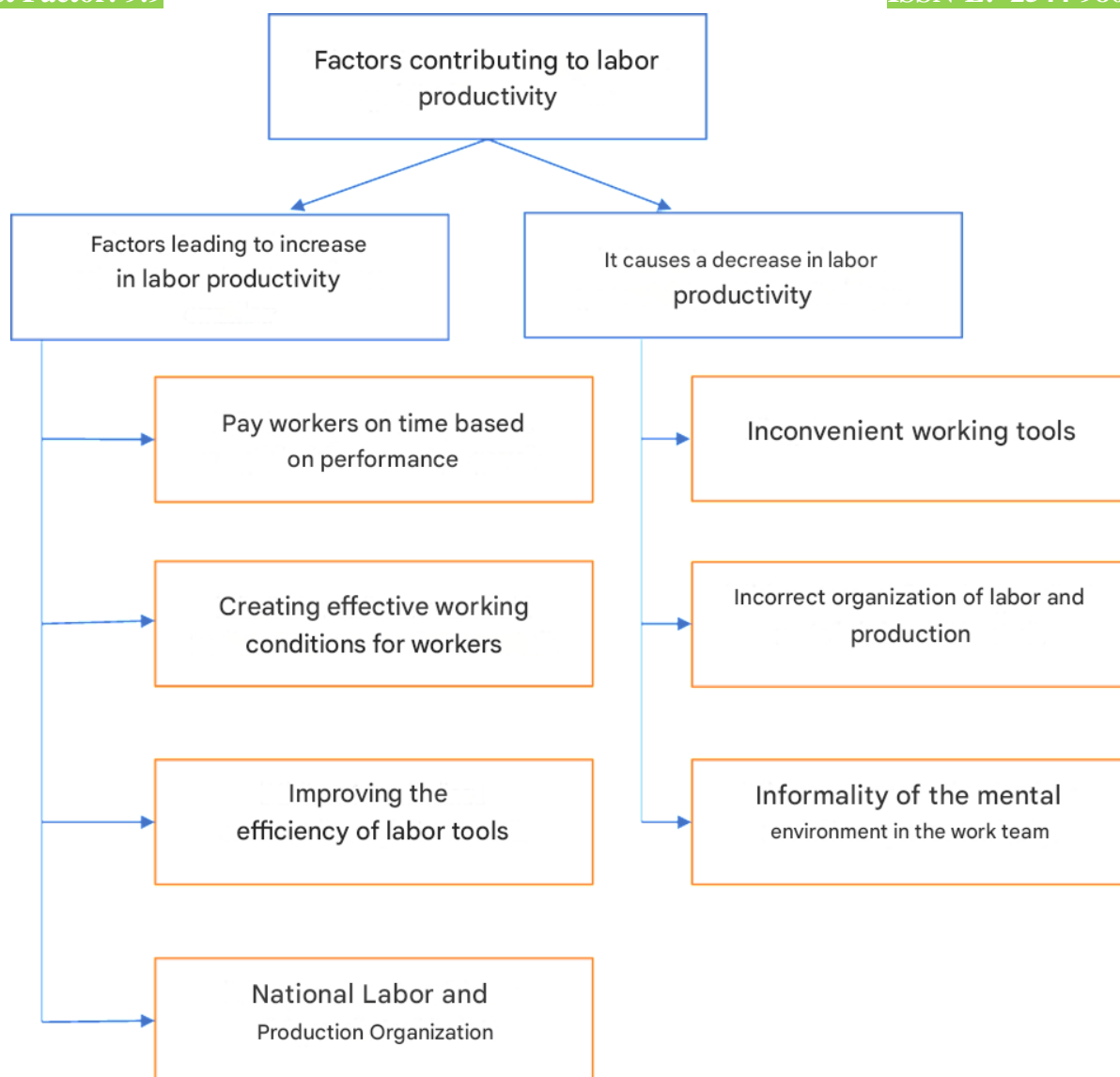




**1-picture. Models of innovative management in textile and sewing-knitting industry enterprises.**

Source: Author's development.

One of the most pressing issues in managing innovative activities in textile and sewing-knitwear industry enterprises today is financing. In addition to state budgets or foreign investments, part of the enterprise's funds, specifically a portion of the profits earned, is allocated for innovations, novelties, and inventions. Analysis conducted within the framework of this research indicates that progress in this area is relatively slow. This is due to science and technologies not sufficiently meeting the internal needs of enterprises. As a result, the production costs of manufactured products are increasing, and the prices of goods and products in the market continue to rise. Another significant aspect of this issue is the declining efficiency of innovations.



**2-Image: Ways to Increase Labor Productivity in Industrial Enterprises**

Source: Author's development.

In our view, the impact of methods for managing innovative activities in textile and sewing-knitwear enterprises on labor productivity can be manifested in the following ways:

- Developing advanced technologies by sectors and industries and effectively implementing them in practice;
- Improving the quality and competitiveness of products manufactured by textile and sewing-knitwear industry enterprises, as well as expanding diversification;
- Enhancing the export potential of products and expanding access to global markets, improving production efficiency, and other related outcomes.

Furthermore, the most important socio-economic factors affecting labor productivity include: As seen in the above diagram, the increase in labor productivity is directly linked to the proper organization of working conditions for employees, the convenience and functionality of work tools, and their alignment with the labor legislation requirements currently in force in our country.

**CONCLUSION AND RECOMMENDATIONS.** In conclusion, it can be emphasized that in the context of the digital economy, scientifically grounded proposals are developed and substantiated for improving the organizational and economic mechanisms for the formation and transfer of innovations. These include:



- Ensuring financial resources for improving the management of innovative activities in textile and sewing-knitwear industry enterprises;
- Enhancing mechanisms for evaluating the role of textile and sewing-knitwear industry enterprises in the economy;
- Managing innovations in textile and sewing-knitwear industry enterprises in an integrated manner, ensuring their implementation is interconnected with all other production elements.

Therefore, introducing an innovation development department into the organizational structure of the processing industry is critical for further advancing the innovative activities of enterprises. The structure of the innovation development department should include specialists who will fulfill the roles of innovation development managers and heads of the department, with clearly defined responsibilities based on specialized training.

Specifically, improving the primary directions of managing innovative activities in textile industry enterprises depends on the implementation of the following measures:

- Focusing research efforts within the key areas of activity for modern industrial enterprises;
- Engaging small and medium-sized enterprises in innovative activities based on the creation of technological roadmaps;
- Increasing the economic efficiency of innovative activities in science-intensive enterprises within the industrial sector by facilitating the purchase and sale of innovation outcomes;
- Applying tools to improve the financial efficiency of innovative activities in science-intensive enterprises within the industrial sector.

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