

GLOBAL PROBLEMS IN THE TEXTILE INDUSTRY AND THEIR SOLUTIONS

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Abstract: The textile industry faces several global challenges. Firstly, environmental issues, including water and air pollution, as well as waste management, are pressing concerns. Secondly, social problems related to labor conditions and workers' rights persist. Thirdly, from an economic perspective, maintaining competitiveness and implementing innovations are necessary. Addressing these challenges requires the use of eco-friendly materials, enhancing energy efficiency, adopting renewable energy sources, applying circular economy principles, and effective waste management strategies. Additionally, obtaining certifications that meet international standards and improving labor conditions can resolve social issues.

Keywords: sustainability, textile industry, eco-friendly materials, energy efficiency, renewable energy, circular economy, waste management, challenges, opportunities, future prospects.

LITERATURE ANALYSIS AND METHODOLOGY

The textile industry faces environmental, social and economic challenges on a global scale. Various studies and analyzes have been conducted to solve these problems. For example, the article of Ibrahimova Gulira'no Rustamjon's daughter studied the international terms used in the modern textile industry, which are important for understanding and finding solutions to problems in this field.

Karimov, I. A. (2015). Uzbekistan's unique development path. The book talks about Uzbekistan's economic development strategy, including reforms in the textile industry.

"Uzbekistan textile industry: development prospects" (2018). Journal of Economics and Innovative Technologies, No. 4. The article analyzes the development trends and prospects of the textile industry in Uzbekistan.

"Innovations and their effectiveness in the textile industry" (2019). Economic Bulletin of Uzbekistan, No. 2. This article provides information about the innovations introduced in the textile industry and their effectiveness.

"Current issues of modernization of the textile industry in Uzbekistan" (2020). Journal of National Economy, No. 3. The article discusses the problems in the process of modernization of the textile industry and their solutions.

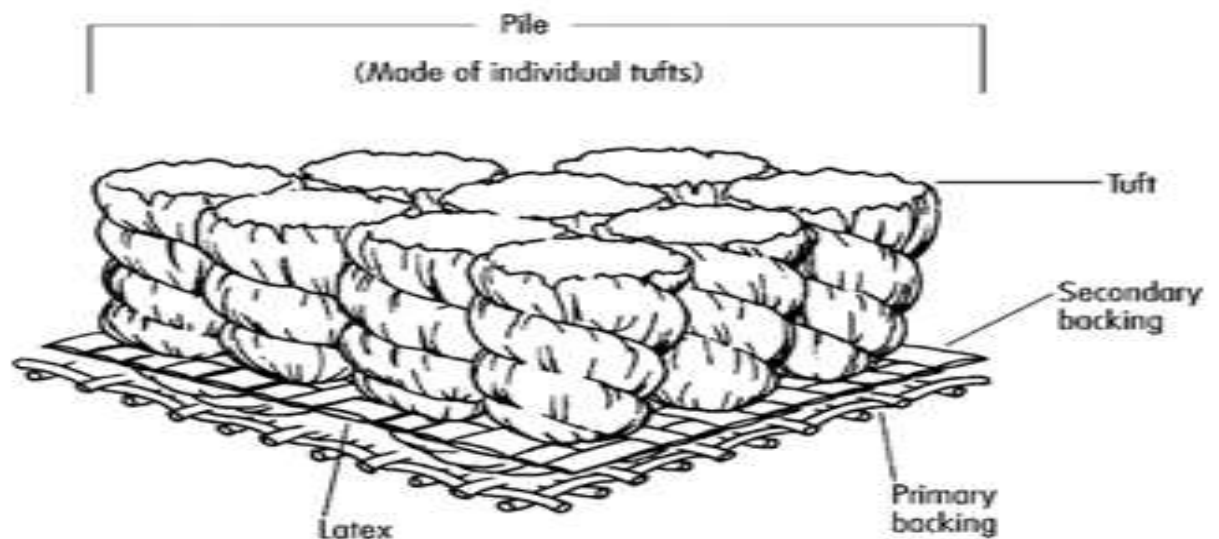
Analysis of foreign literature:

Fletcher, K. (2008). "Sustainable Fashion and Textiles: Design Journeys". In this book, the author explores ways to ensure sustainability in the fashion and textile industry, focusing on environmental issues and their solutions.

Allwood, J. M. (2006). "Well Dressed? "This report analyzes the current and future sustainability of the UK clothing and textile industry.

Kozłowski, A. (2012). "Environmental Impacts in the Fashion Industry: A Life-cycle and Stakeholder Framework". The article examines the environmental impact of the fashion industry and strategies to improve sustainability in collaboration with stakeholders.

These literatures serve as an important resource for the in-depth study of global and local problems in the textile industry and for finding their solutions.



Methodology

The following methodological approaches are used to study global problems in the textile industry and find their solutions:

1. Literature analysis: Existing scientific articles, reports and books are studied, and a general idea of the problems in the field and their solutions is formed.



2. Interviews with industry experts: Interviews with representatives of the textile industry are conducted to gather information about practical problems and their solutions.

3. Empirical research: Case studies are conducted to identify problems in the field and test their solutions.

4. Data analysis: Statistical data is collected and analyzed to identify problems and their causes.

These methodological approaches help in deeper study of global problems in the textile industry and development of effective solutions.

DISCUSSION AND RESULTS

The textile industry is facing a number of challenges globally. First, there is a high dependence on raw materials, particularly cotton and chemical fibers, whose prices fluctuate due to climate change and geopolitical factors. Second, resource-intensive industries and environmental pollution, along with increasing environmental regulations, are putting enormous pressure on companies. Third, changes in the international trade environment, including increasing trade protectionism, increase market uncertainty and have a negative impact on exports.

In addition, insufficient implementation of innovative technologies in production processes reduces efficiency. There are problems related to working conditions and workers' rights, which raises issues of social responsibility, high consumption of energy and water resources poses a threat to sustainable development, there is a need to improve product quality and adapt to international standards to increase competitiveness.

Consumer demand for environmentally friendly and sustainable products is increasing, forcing companies to rethink their production processes.

The following solutions are recommended to solve global problems in the textile industry:

1. Stability in the supply of raw materials: In order to reduce the impact of climate change and geopolitical factors, companies should diversify the sources of raw materials, that is, use different sources. It is also important to use renewable and environmentally friendly materials.

2. Reducing the impact on the environment: In order to reduce resource demand and comply with environmental regulations, it is necessary to introduce energy-



efficient technologies, use water conservation methods and implement waste recycling systems.

3. Adaptation of international trade strategies: In order to counter trade protectionism and market uncertainty, companies should expand export markets, explore new markets and adapt to international trade regulations.

4. Implementation of innovative technologies: It is important to use digital technologies, automation and advanced manufacturing methods to increase production efficiency and ensure competitiveness.

5. Improving working conditions: In order to protect the rights of workers and increase social responsibility, it is necessary to create safe working conditions, introduce a fair wage system and focus on improving the skills of workers.

6. Effective use of resources: In order to save energy and use water resources wisely, it is necessary to use environmentally friendly technologies, use renewable energy sources and introduce water treatment systems.

7. Improving product quality and conforming to standards: It is important to strengthen quality control systems and focus on certification processes to increase competitiveness by producing products that meet international standards.

8. Transition to sustainable products: In order to meet the demand of consumers for environmentally friendly products, it is necessary to implement the concept of sustainable fashion, use environmentally friendly materials and apply zero-waste production methods.

By implementing these solutions, the textile industry can overcome global challenges and ensure sustainable development.

CONCLUSION

In summary, the Textile Industry is facing a number of challenges globally. First, environmental problems, including water and air pollution, waste management issues are urgent. Secondly, there are social issues, in particular, problems related to working conditions and rights of workers. Thirdly, economically, there is a need to maintain competitiveness and introduce innovations. In order to solve these problems, it is important to use environmentally friendly materials, increase energy efficiency, introduce renewable energy sources, apply the principles of circular economy, and effectively manage waste.



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