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ANALYSIS OF DEVELOPMENT TRENDS AND TERRITORIAL CHARACTERISTICS OF INDUSTRIAL ENTERPRISES IN KASHKADARYA REGION IN THE DEVELOPMENT OF REGIONAL ECONOMY

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Abstract: This article analyzes the development trends of industrial enterprises in Kashkadarya region, their territorial location, and their role in the development of the regional economy. It also examines the impact of industrial specialization of sectors, natural resources, transport infrastructure, and investment climate on industrial development. Based on the analysis results, proposals are developed to further enhance industrial potential and accelerate regional economic development.

Keywords: regional economic development, Kashkadarya region, industrial enterprises, trends, investment, industrial potential, economic growth.

Introduction

The sustainable development of a national economy is directly dependent on the effective utilization of the economic potential of its regions. In this regard, industrial enterprises play a particularly important role in regional economic development. Kashkadarya region is considered one of the key industrial areas of the country due to its rich natural resources, favorable geographical location, and production capabilities. The oil and gas, chemical, construction materials, food, and light industry sectors form the main directions of the regional economy. In recent years, reforms aimed at launching new production capacities, developing industrial zones, attracting investments, and expanding export potential have been implemented in the region. This study provides a comprehensive analysis based on statistical data of the current state of industrial sectors in Uzbekistan, particularly in Kashkadarya region, the implementation of investment projects, the expansion of production capacities, and their impact on regional economic growth. The results of the study serve to identify priority directions for industrial development, effectively utilize existing opportunities, and develop scientifically grounded conclusions and practical recommendations for improving regional economic policy.

The fuel and energy complex occupies a leading position in the region. Gas extraction and processing, chemical industry, and energy sectors form a significant share of industrial output. In addition, growth is observed in food processing, textile, and construction materials production. The introduction of modern technologies, modernization of production processes, and attraction of foreign investment have had a positive impact on improving industrial efficiency. The location of industrial enterprises in Kashkadarya region is determined by factors such as natural resources, transport infrastructure, labor resources, and proximity to consumer markets. Large industrial enterprises are mainly located in the districts of Karshi, Shakhrisabz, Koson, Muborak, Guzor, and Dehkanabad. In particular, cotton-textile and yarn-spinning clusters are among the most developed and strategic sectors of regional industry. Agricultural processing enterprises are located close to raw material sources. Such territorial distribution reduces transport costs, increases production efficiency, and improves logistics systems.

The development of industrial enterprises is a key factor in increasing the gross regional product, creating new jobs, increasing household incomes, and strengthening local budget revenues. Industrial development also stimulates related sectors such as services, transport, logistics, and construction, thereby increasing investment attractiveness and economic activity.

At the same time, balanced territorial distribution of industrial enterprises contributes to reducing economic disparities, efficiently utilizing production capacity, and ensuring sustainable regional development.

In recent years, the industrial sector of Kashkadarya region has entered a stage of stable development due to structural diversification, expansion of production capacities, and increasing investment activity. The stability of industrial enterprises is increasingly influenced by labor potential, market infrastructure expansion, technological modernization, and institutional support from the state.

However, some challenges still exist, such as the depreciation of fixed production assets, insufficient introduction of innovative technologies, high logistics costs, and a shortage of qualified specialists. To address these issues, the following measures are recommended:

- modernization of industrial enterprises and wider introduction of digital technologies;
- development of regional industrial clusters;
- expansion of small industrial zones;
- improvement of the investment climate and encouragement of private sector participation;
- increase in export-oriented production;
- ensuring environmental safety and efficient use of resources.

In the context of the digital economy, the stability of these enterprises increasingly depends not only on internal production factors but also on macroeconomic conditions, financial markets, digital technologies, and institutional mechanisms. Therefore, it is essential to analyze sustainability using an integrated empirical approach rather than traditional indicators alone. This study includes an empirical assessment of the financial condition of cotton-textile and yarn-spinning clusters in Kashkadarya region based on micro and macro-level indicator integration. Panel regional-economic methods, structural equation modeling (SEM), and error correction models (ECM) are used to identify short- and long-term relationships. This allows for a comprehensive understanding of stability as a dynamic and systemic process rather than a static phenomenon.

Diversification of industrial production, increasing the share of high value-added products, and strengthening export potential will accelerate regional economic growth. As a result, the industrial capacity and investment attractiveness of the region will increase, forming a strong institutional and production foundation for sustainable economic development.

Conclusion

The results of the study show that improving the territorial distribution of industrial enterprises, widely implementing innovative technologies, and expanding large-scale investment projects can significantly increase the competitiveness of the regional economy. In the future, diversification of industry, commissioning of new production capacities, expansion of industrial product types, and increase in export-oriented production will contribute to the sustainable economic development of Kashkadarya region.At the same time, in order to fully utilize existing industrial potential, it is

necessary to increase the technological level of production, deepen industrial diversification, support innovative activities, and further improve the investment climate.

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