

Article

The Theoretical Foundations for Increasing the Economic Efficiency of Industrial Enterprises

Umarova Nilufar Abdulkakhor qizi^{1*}

1. Tashkent State Economic University, Commercialization of Scientific and Innovative Development Leading Specialist of the Department, Green Economy and Sustainable Business, Independent Applicant Departments

* Correspondence: n42361502@gmail.com

Abstract: This study aims to enhance the economic efficiency of industrial enterprises in the processing sector by utilizing a cluster-based approach. The research addresses the cluster system's theoretical foundation, emphasizing its significant role in overcoming economic challenges and improving productivity, particularly in Uzbekistan's food industry. A systematic methodology, including logical reasoning, economic comparison, and statistical analysis, was employed to examine how cluster systems contribute to increased competitiveness, cost reduction, and sustainable growth. Results indicate that the cluster approach fosters collaboration among various sectors, thereby optimizing resource use and supporting innovative solutions. This model is shown to be vital for advancing Uzbekistan's economic efficiency within the industrial sector, aligning with the nation's strategic economic reforms.

Keywords: Recycling, Cluster Theory, Approach, Microeconomic Theory, Macroeconomic Theory, Efficiency, Internal Capabilities, New Reforms, Effective Use

1. Introduction

Currently, processing industry enterprises are considered one of the leading sectors of the economy in our country, and increasing their economic efficiency is one of the most pressing priorities. Numerous scientific studies have been conducted to improve the economic efficiency of processing industry enterprises, and according to scholars, various methods exist. The analysis of many scientific publications on this matter indicates that one of the most developed factors globally for enhancing the economic efficiency of processing industry enterprises today is the cluster system. Effective utilization of the cluster system is regarded as an economic force that creates new opportunities for increasing economic efficiency in industrial enterprises.

Thanks to the initiative of our President, numerous new reforms are being implemented to fundamentally develop the agricultural sector and enhance the economic efficiency of processing industry enterprises based on a cluster system. In particular, the strategy for the development of agriculture in the Republic of Uzbekistan for 2020-2030 (hereinafter referred to as the Strategy) serves to accomplish these tasks.

The main goal of this Strategy is to fundamentally improve state policy aimed at deepening reforms focused on increasing the competitiveness of the agricultural and food sectors. One of its priority areas is to create a favorable agribusiness environment and value-added chain.

The high costs associated with delivering products from the field to the final consumer, including harvesting, transportation, storage, processing, packaging, and

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certification, reduce the income of agricultural producers. As a result, the following outcomes are achieved:

The average labor productivity in agriculture will increase by 1.7 times;

An additional 3.4 million tons of processing capacity will be created for agricultural products;

The processing indicator will reach 30 percent (by 2030, the export volume will be increased to 20 billion US dollars).

The role of the Strategy, which will be implemented by 2030, is significant in increasing the economic efficiency of processing industry enterprises in our country.

One of the economist scholars, P.A. Mukhsinova, presents the following scientific approach to enhancing the economic efficiency of light industry enterprises based on a cluster system. According to her, a cluster is the collaboration of technical, scientific, technological, personnel, and infrastructural connections within a regional area.

The cluster approach has several advantages over other methods of organizing industrial production. First of all, this advantage lies in the fact that the cluster approach places significant importance on the macroeconomic component of economic development.

In addition, the cluster approach effectively presents the development of the cluster itself and the member enterprises of the cluster.

R.V. Kostrigin presents the following ideas regarding the role of the cluster system in increasing the economic efficiency of industrial enterprises in his scientific views. The concept of a cluster has been defined differently by various authors. The cluster concept is widely used by both local and foreign countries. Utilizing the existing opportunities in our country effectively and engaging in the production of new technologies that meet modern requirements to create high-quality products and achieve productivity, that is, to attain innovative efficiency, is one of the most important issues of today.

In the scientific research of Clayton Christensen, the cluster system and innovation theory aimed at entrepreneurs, industry analysts, and investors are discussed. The analytical tools provided in this framework help evaluate the strategic decisions of companies, determine who will win in the upcoming competitive battles, and predict changes in the industry. By demonstrating how to use these tools, the author applied examples from five industries: aviation, education, manufacturing, healthcare, and telecommunications. The term "cluster" is derived from the French word, and its Uzbek translation conveys meanings such as "claw", "head", "bundle" "group", "gathering", and "stationary".

The term "cluster" is also expressed as a method of selective research. The foundation of the "cluster" theory is based on Alfred Marshall's ideas in his work titled "Principles of Economics," written in the late 19th century (1890), which discusses the harmonization of specialized industry sectors in specific regions. According to his scientific results, the regional harmonization of entities engaged in specialized activities includes:

- a. The availability of skilled labor resources;
- b. The growth of suppliers and additional sectors;
- c. The existence of specialization of various firms based on different links in the production process.

Literature Analysis

Economist scholars in our country, I.S. Ochilov and B.K. Abdumuminov, have focused significantly on issues of innovative efficiency specifically within the cluster system in increasing the economic efficiency of processing industry enterprises.

American scholars: M. Porter with his "Theory of Competitive Advantage," M. Enright, S. Rezende, P. Maskell, and M. Lorenzen with the "Concept of Regional Clusters," A. Marshall with the "Theory of Industrial Districts," and P. Becattini with the "Theories of Italian Industrial Districts," M. Storper.

They have created the theories of "ideal" regional clusters. The concepts of added value and "the coherence of cluster chains" and "regional training concepts" are also included in this group. In the theories of these scholars, clusters are highlighted as highly effective in enhancing the competitive advantage of producers, emphasizing that they form a system that harmonizes with the activities of educational, scientific, technological, economic, and other service entities in the region.

2. Materials and Methods

In the article, methods such as logical thinking, a systematic approach, economic comparison, statistical analysis, observation, and comparative analysis have been used to study the problem. Based on existing methodological approaches, the article extensively utilizes scientific results derived from the analysis of research aimed at increasing competitiveness in food industry enterprises.

3. Results and Discussion

The theoretical foundation of the research conducted to enhance the economic efficiency of processing industry enterprises directly relates to the effective utilization and development of the cluster system.

Based on the reforms being implemented in our country, practical work is also being carried out to effectively utilize the cluster system, widely apply it in practice, and improve it.

The increase in economic efficiency is directly related to the cluster system. An analysis of numerous scientific publications shows that the utilization of the cluster system is a key economic factor in the development of enterprises. Therefore, it is essential to scale up the new innovative aspects of developing the cluster system in processing industry enterprises in our country within a short period.

Primarily, by presenting the semi-finished products as finished products through the cluster system right here, the ability to introduce them to the global market as competitive, environmentally friendly products will further advance the economy of our developing country.

4. Conclusion

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In particular, by transforming the semi-finished products created here into finished products through the cluster system and introducing them to the global market as competitive, environmentally friendly products, the economy of our developing country will be further enhanced.

There are many methodological aspects to utilizing the cluster system in the advancement of processing industry enterprises. An analysis of the studied scientific literature indicates that the methodological characteristics of effectively using the cluster system are explained as follows: namely, the effective utilization of the cluster system increases efficiency, enhances the competitiveness of goods, develops production potential, reduces costs, improves product quality, encourages the implementation of new technologies and innovations, expands access to regional and global markets, and contributes to the economic development of the state.

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