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The main factor of cluster-economic development

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Abstract. Cluster systems are increasingly recognized as vital tools for economic development in today's world. They foster innovation, enhance competitiveness, and stabilize regional economies by creating a conducive environment for collaboration across industries, trade, and services. The study's findings reveal how clusters contribute to economic growth, influence innovation processes, and bolster overall economic stability.

Keywords: Cluster systems, economic development, innovation, competitiveness, regional economy.

LOG IN.

Cluster systems have been recognized worldwide as one of the most effective mechanisms for economic development. The clusters are usually made up of a set of companies and organizations concentrated in a specific geographical area, in close contact with each other, which increase competitiveness and accelerate innovative processes by cooperating with one another.

The concept of classroom systems was first proposed by American economist Michael Porter in the 1990s, and it is widely covered in his essay "The Advantages of Millennial Competitiveness." In Porter's opinion, clusters play an important role in the development of the economy, as they increase competitiveness, help discover new markets, and develop innovation. Classrooms also serve to ensure stability and dynamics in the development of the regional economy.

Classroom systems are important not only in economically developed countries, but also in developing countries. Classrooms provide a concentration of economic activity in developing countries and provide effective access to resources. Therefore, the development of cluster systems will be an important milestone in the implementation of economic strategies.



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The purpose of the article is to study the role of cluster systems in economic development, identify their impact on innovative processes and analyze their place in stabilizing the regional economy. As part of this study, theoretical foundations of classroom systems, their impact on economic development and their role in promoting innovation will be analyzed in detail in IMRAD's method.

METHODS.

This study used a number of techniques to study the impact of classroom systems on economic development. The research methodology consists of two main parts: the first is an analysis of the theoretical foundations of classroom systems, and the second is an empirical data-based study of the impact of clusters on economic development.

In studying the theoretical foundations of cluster systems, special attention was paid to Porter's classroom theory. According to Porter's theory, clusters are an important factor for creating competitive advantages. Theoretical analysis analyzed the impact of classroom systems on innovative processes, their contribution to economic development, and the competitive advantages created by classrooms.

Empirical research was carried out on the basis of a number of economic indicators to determine the role of cluster systems in economic development. The data used in the study provided a statistical analysis to clearly show the role of clusters in economic development. To clarify the results of the study, examples of cluster systems implemented in several developed and developing countries were studied.

The study analyzed the impact of cluster systems on competitiveness and their contribution to innovative processes. Based on this analysis, statistical and mathematical modelling methods were used to determine the overall role of classroom systems in economic development.

RESULT.

The results of the study clearly showed the role of cluster systems in economic development. Classroom systems play an important role in creating competitive advantages and accelerating innovative processes. The results show that classroom systems encourage innovation, accelerate the development and implementation of new technologies and improve competitiveness.

- Innovation and competitiveness

The results on the impact of classroom systems on innovation demonstrated clearly how clusters influence innovative processes. Classrooms create favorable conditions for the exchange of knowledge and experience between companies located close to each other. This makes it possible to introduce innovation faster and more efficiently.

- Regional economic development

Cluster systems also have a significant impact on regional economic development. The results of the study show that the development of the regional economy through classrooms increases economic activity not only in large centralized cities, but also in smaller cities. This contributes to the overall stability of the country's economy.

- Cross-network impact of cluster systems



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Cluster systems are influenced not only within a particular network, but also inter-network. According to the results of the study, classroom systems will strengthen cooperation between interconnected networks and create new opportunities. This will help diversify the economy.

DISCUSSION.

The results of the analysis of the role of cluster systems in economic development show that classrooms are one of the main drivers of the economy. Based on Porter's theory, it is possible to significantly increase the country's competitiveness through classroom systems. This creates favorable conditions for stimulating economic development and innovation.

- Promoting innovative processes

The impact of classroom systems on innovation, in turn, has a significant impact on the processes of developing and implementing new technologies. According to the study, through clusters, companies have the opportunity to work more closely with each other, helping to realize innovation faster and more efficiently.

- Competitiveness and economic growth

The results of the impact of classroom systems on competitiveness show that clusters play an important role in increasing competition. This will strengthen healthy competition among companies and create favorable conditions for economic growth. Competitive advantages created through clusters contribute to the overall stability of the economy.

- Development of the regional economy

Regional economic development is one of the main results of cluster systems. The results of the study show that clusters play an important role in stabilizing the regional economy and improving economic activity in small towns. This will increase the level of economic development of the country.

- Network integration

Cross-network influence of cluster systems leads to greater economic development. According to the study, classrooms will strengthen cooperation between interconnected networks and create new business opportunities. This will help diversify the economy.

CONCLUSION.

The results of the study show that cluster systems are one of the key tools for economic development. They play an important role in increasing competitiveness, stimulating innovation and stabilizing the regional economy. Competitive advantages and innovative processes created through cluster systems contribute significantly to the overall stability and development of the economy.

Available literature

1. Porter, M. E. (1990). *The Competitive Advantage of Nations*. New York: Free Press.
2. Enright, M. J. (1996). *Regional Clusters and Economic Development: A Research Agenda*. In "Business Networks: Prospects for Regional Development". Berlin: Springer.
3. Krugman, P. (1991). *Geography and Trade*. Cambridge: MIT Press.
4. Saxenian, A. (1994). *Regional Advantage: Culture and Competition in Silicon Valley and Route 128*. Cambridge: Harvard University Press.
5. Ketels, C. H. M. (2003). *Clusters of Innovation in Europe*. Stockholm: SNS Förlag.



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6. Delgado, M., Porter, M. E., & Stern, S. (2010). Clusters and Entrepreneurship. "Journal of Economic Geography", 10(4), 495-518.
7. Marshall, A. (1920). Principles of Economics. London: Macmillan.
8. Malmberg, A., & Maskell, P. (2002). The Elusive Concept of Localization Economies: Towards a Knowledge-based Theory of Spatial Clustering. "Environment and Planning A", 34(3), 429-449.
9. Feldman, M. P., & Audretsch, D. B. (1999). Innovation in Cities: Science-based Diversity, Specialization and Localized Competition. "European Economic Review", 43(2), 409-429.
10. Scott, A. J., & Storper, M. (2003). Regions, Globalization, Development. "Regional Studies", 37(6-7), 579-593.