

The integration of region enterprises into the innovation cluster

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Research Methodology: Using the systemic approach a new model of industrial innovation, which aims at integrating companies in the cluster, was investigated. The modern understanding of definition of “production cluster” was systematized using abstraction and formalization methods.

Results: The main 7 characteristics, depending on the combination of which the choice of a cluster strategy will be carried out, were analyzed. A cluster as the building block in the innovation economy was proposed and investigated. The position taken by Ukraine in the global competitiveness rankings was studied. The expediency of the mechanism of public-private partnership (PPP) was substantiated. The factors which constrain effective development of cluster formations were determined.

Novelty: The term “production cluster” for the understanding of the competitive advantages of the new production systems was specified. The role and perspectives of public-private partnerships (PPPs) as a first step for the introduction of the national economy of production systems based on clusters were disclosed.

Practical significance: On the basis of an appropriate methodology it was defined that clustering offers the real advantages over business entities that operate separately. The number of advantages of cluster relationship that has the potential to become a scientific basis for improving the competitiveness of Ukraine and the ranking of countries according to the procedure of the World Economic Forum (WEF) for analysis of Competitiveness Index (The Global Competitiveness Index).