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GEOSPATIAL MODELS OF INNOVATION-BASED COMPETITIVENESS OF COUNTRIES

Innovative interaction between the actors of global economy taking place in bilateral and multi-lateral basis with varying degrees of intensity and depth of integration, within international integrated groups of countries and beyond, through the conclusion of international agreements, implementation of specialized international programs in education, basic and applied research, scientific and technical co-operation, industrial cooperation in various sectors.

Development and practical implementation of policy measures to reduce gaps and strengthen competitive advantages by the interaction of innovation and globalization-and-integration factors should happen considering the composition of geo-innovation clusters – specific spatial and functional groups in the structure of the global economic system.

The author proposes the concept of geo-innovation cooperation in the global economic system, which includes strategic geospatial model of innovation-based competitiveness on the basis of geoinnovation clusters. There are three groups of models: 1) individual (mono-active) models; 2) integrative (symmetrically–integrated and asymmetrically-integrated) models; 3) combined (globalized, interactive) models.

An interactive model of innovation-based competitiveness represented by the elements of symmetrically-integrative and asymmetrically-integrative models is the most effective for Ukraine. The introduction of interactive model should take place on the basis of economic integration and multi-depth bilateral interactions with countries belonging to different geo-innovation clusters. Implementation the interactive model for Ukraine

Implementation an interactive model of innovation-based competitiveness for Ukraine should take place through a gradual transition from interaction with countries with similar levels of innovation potential to integration-and-innovation ties with countries with high innovation potential. It allows fully realize the benefits of innovation integration with the developed countries.