

**State Organization «Institute of Market and Economic&Ecological  
Researches of the National Academy of Sciences of Ukraine»**

**Summary of scientific novelty for the research**

**"Formation of innovative development strategies for regions of Ukraine based  
on glocalization (using the example of Odessa region)",  
implemented under a grant from the NAS of Ukraine to research  
laboratories/groups of young scientists of the NAS of Ukraine for conducting  
research in priority areas of development of science and technology**

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The scientific novelty of the research results is as follows:

***Originally developed:***

- a methodology for strategizing innovative development of regions has been formed, based on the concept of a complementary combination of local, global, and institutional components of innovative development to ensure the adaptability of regional innovation systems to constant changes caused by glocalization processes; special principles: multi-level governance, dialectics of global and local dimensions, convergence, intersectoral cooperation, participativeness, authenticity and uniqueness; methods: diagnostics, scenario modeling, differentiated approach to choosing regulatory instruments that take into account the specifics of glocalization and provide for the creation of extended value-added chains between all participants in innovative development;
- a methodological approach to determining scenarios for the innovative development of the region based on glocalization has been developed, grounded on a two-dimensional classification system (innovative activity, international activity) and an institutional matrix of priority of instruments, which are systematized by global-local levels and groups of institutes of the regional innovation system, using the example of the Odessa region;
- the pattern of the strengthening influence of ecological innovations on the processes of market glocalization has been determined, the essence of which lies in

the ability to transform the nature, parameters and direction of integration of commodity markets into international economic exchange, to coordinate its economic, social and environmental targets, to activate glocalization processes of an environmentally oriented type in order to ensure sustainable balanced development of the economy of the state and its regions.

***Improved:***

- the scientific principles of determining the priorities of the innovative development of the region, which, unlike the traditional sectoral approach, are based on the functional characteristics of the regional innovation system directions of development, provide for the identification of relevant vectors and tools of region innovative development strategy in a vertical perspective (local / regional - national - global) and in a horizontal perspective - between the institutes of the innovation system;

- theoretical and conceptual basis of institutional support for innovation activity by forming five areas of regulatory support for the implementation of regional innovation development strategies in conditions of glocalization, which are based on the proven regularity of growth in sustainable development indicators due to investments in innovation, and consist in stimulating: cooperation in the "science-education-business" format; reduction of unproductive capital outflow; introduction of a project approach to regulating innovation activity; sustainability of the priority of long-term programs over current budget schedules; regional fund support for innovative development;

- scientific and methodical approaches to assessing the effectiveness of economic regulation measures by developing methodical tools for assessing the return for the macroeconomic globalized system from profits reinvested in innovation at the local level, consisting of three groups of efficiency indicators in economic, social, and budgetary dimensions, the values of which are determined based on a simulation model, the dependence of added value on capital investments for innovation purposes;

- a methodology for analyzing commodity markets by developing a diagnostic tool for their glocalization processes, which includes four groups of indicators: basic market parameters, innovation, foreign economic and specific characteristics of the commodity market and forms an analytical basis for determining mechanisms for stimulating effective glocalization of strategic commodity markets based on implementing the economic interests of the region and the state;

- theoretical and methodological principles of innovative development management by determining special principles and target benchmarks for the greening of the innovative development of the region, which consist in taking into account the glocalization impact and local resource advantages in the development of greened infrastructure and strategic markets-generators of added value, which became the basis for identifying such strategic priorities for greening, using the example of the Odessa region, as: ensuring air and water purification and water consumption, energy efficiency, resource and energy conservation, high-tech processing of raw materials and waste-free waste management, supporting specialization advantages in agro-food production and the recreational and tourist complex.

***Have been further developed:***

- theoretical and methodological principles for diagnosing the state of innovative development of the region by working out a system of indicators in terms of such components as: local (Index of innovative activity in the region), global (Index of international activity in the innovation sphere of the region), institutional (Index of the institutional environment of innovative development of the region) and integral - the Index of innovative development;

- theoretical principles for applying a scenario approach to strategizing innovative development of the region based on empirical research of four options for innovative development of the grain market and its processed products in the Odessa region, which reflect the relationship between the degree of realization of the economic interests of the region and the degree of glocalization of this market, while proving the feasibility of implementing the fourth scenario, focused on increasing production and export of grain and bread products with high added

value by implementing the proposed set of tools for innovative development of this market in the local-global dimension;

- theoretical basis for research and regulation of innovative development of regions based on identification and proof of such regularities as: greater presence of greening is observed in economically developed regions of the country; obtaining greater added value takes place in regions where ecological innovations are implemented; achieving more balanced economic, socio-ecological development occurs in the presence of effective organizational and financial incentives in the form of horizontal interactions and a vertical system of economic development management, based on which a set of functional tasks for coordination of innovative activity at the regional level has been formulated;

- scientific principles of forming mechanisms and tools for greening innovative development by determining the target criterion in the form of achieving harmonization of interests of participants in the process of social production, forming measures for ecological certification, tax, and organizational stimulation of eco-innovations in the context of the region's participation in glocalised economic exchange, developing a system for assessing the effectiveness of greening innovative activities as part of indicators of impact on the budget, society, environment, business entities and public opinion regarding the implemented innovations.

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