

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

## **Summary of the implementation of scientific research results «Dominants of the Investment-Innovation Policy for Environmental Management of the National Economy»**

*(Registration No.0120U100160, performance period: 01.01.2020 - 31.12.2020)*

**Based on the results of applied developments, positive feedback and implementation information were received, in particular:**

**1. The Department of Ecology and Natural Resources of the Odesa Regional State Administration** (outgoing letter No. 4900/06-17/4703 dated 05.11.2020) positively assessed the scientific report «*Methodological Approaches to Identifying the Dominants of Regional Investment-Innovation Policy in Nature Management*». It was noted that the proposed structure of priorities for Ukraine's innovation-investment policy will facilitate the development of comprehensive territorial development programs, the use, protection, and restoration of natural resources, and the formation of effective mechanisms for managing economic relations in regional nature management.

**2. The Ministry for Development of Economy, Trade, and Agriculture of Ukraine:**

– (outgoing letter No. 3031-06/64680-07 dated 27.10.2020) highlighted the relevance of the proposals in the scientific reports «*Methodological Approaches to Identifying the Dominants of Regional Investment-Innovation Policy in Nature Management*» and «*Institutional and Informational Support for Investment-Innovation Policy in Nature Management in the Context of Global Experience.*» These findings were noted as relevant for preparing annual monitoring reports on Ukraine's progress toward achieving Sustainable Development Goals (SDG 12, «*Responsible Consumption and Production*») and national thematic reports on rational nature management in Ukraine.

– (outgoing letter No. 3031-06/68679-07 dated 17.11.2020) acknowledged the practical value of the analytical report «*Methodological Approach to Comprehensive Assessment of the Dominants of Investment-Innovation Policy in Nature Management for the National Economy.*» This included applying international standards to improve the quality of life in Ukraine through balanced nature management in strategic and programmatic documents.

**3. The Ministry of Education and Science of Ukraine** (outgoing letter No. 7/359-20 dated 26.11.2020) positively assessed the scientific findings of the report «*Institutional and Informational Support for Investment-Innovation Policy in Nature Management in the Context of Global Experience.*» Specifically, the benchmarking of Ukraine's national innovation system and analysis of its competitive position in global rankings (e.g., Bloomberg Innovation Index, Global Innovation Index) and its higher education efficiency indicator in the Bloomberg 2020 rankings were highlighted.

**4. The State Statistics Service of Ukraine (State Statistics)** (outgoing letter No. 06.5-09/135-20 dated 11.11.2020) reviewed the scientific report «*Institutional and*

*Informational Support for Investment-Innovation Policy in Nature Management in the Context of Global Experience»* and noted its relevance for improving statistical data on environmental protection expenditures.

5. Proposals from the analytical report *«Methodological Approach to Comprehensive Assessment of the Dominants of Investment-Innovation Policy in Nature Management for the National Economy»* were implemented in practical activities at the microeconomic level:

6. **Veles-Agro-LTD LLC** (outgoing letter No. 5 dated 23.11.2020) noted that diagnosing the implementation of SDGs 2 (*«Zero Hunger, Agricultural Development»*), 8 (*«Decent Work and Economic Growth»*), and 12 (*«Responsible Consumption and Production»*) supports defining strategic priorities for sustainable investment policy.

7. **Columbus International LLC** (outgoing letter No. 22 dated 09.11.2020) used the comprehensive assessment of natural resource potential components (e.g., waste intensity and productivity indicators of GDP) and investment-innovation factors to develop a strategy for managing construction waste on an innovative basis.

8. **The Department of Agrarian Policy of the Odesa Regional State Administration** (outgoing letter No. 372/02-18/970 dated 10.11.2020) positively evaluated the findings of the analytical report *«Methodological Approach to Comprehensive Assessment of the Dominants of Investment-Innovation Policy in Nature Management for the National Economy,»* particularly the set of indicators for assessing the rational use of human resources in nature management, including agriculture.

9. **The Department of Ecology and Natural Resources of the Odesa Regional State Administration** (outgoing letter No. 4735/06-17/4571 dated 27.10.2020) positively assessed the scientific report *«Institutional and Informational Support for Investment-Innovation Policy in Nature Management in the Context of Global Experience.»* The Department noted the relevance of the research and the need to determine investment-innovation priorities for regional nature management.

10. **The Department of Strategic Planning and Macroeconomic Forecasting of the Ministry of Economy of Ukraine** provided positive feedback on:

– The scientific-analytical report *«Methodological Approaches to Strategic Management of Investment-Innovation Activities in the Field of Environmentally Safe Land Use»* (outgoing letter No. 3032-05/56238-07 dated 29.11.2021), emphasizing the potential use of methodological recommendations in strategic planning practices for public authorities (including foresight methods).

– The analytical report *«Methodological Support for Diagnosing the Dominants of Investment-Innovation Policy in Nature Management in a Sectoral Context Based on the Quadruple Helix Model»* (outgoing letter No. 3032-05/56238-07 dated 29.11.2021), with a recommendation to incorporate its materials into the Ministry's strategic planning activities.

11. **The Department of Ecology and Natural Resources of the Odesa Regional State Administration** (outgoing letter No. 3870/05-45/3551 dated 27.08.2021) provided positive feedback on the analytical report *«Methodological Support for Diagnosing the Dominants of Investment-Innovation Policy in Nature Management in a Sectoral Context Based on the Quadruple Helix Model.»* The recommendations are deemed useful for public authorities in implementing measures for rational use, restoration, and protection of natural resources.

12. **The State Statistics Service of Ukraine** (outgoing letter No. 06-13/150-21

dated 24.11.2021) positively assessed the scientific report «*Adaptive Mechanisms for Implementing Environmental Innovations in Rational Nature Management in the Agro-Sphere.*» The proposals for improving statistical accounting of innovation activities were acknowledged as valuable.

13. **The Department of Agrarian Policy, Food, and Land Relations** (outgoing letter No. 02-18/1326 dated 25.11.2021) positively assessed the analytical report «*Methodological Support for Diagnosing the Dominants of Investment-Innovation Policy in Nature Management in a Sectoral Context Based on the Quadruple Helix Model.*» The intersectoral analysis of sustainable development indicators was noted as a tool to determine each sector's contribution, including agriculture, to implementing the dominants of investment-innovation policies.

12. **PC VELES-AGRO. LTD** (outgoing letter No. 54 dated 17.11.2021) implemented the results of the report «*Methodological Support for Diagnosing the Dominants of Investment-Innovation Policy in Nature Management in a Sectoral Context Based on the Quadruple Helix Model*» into its operations. The applied provisions of the report were used to develop adaptive mechanisms and measures to minimize the negative impact on the environment.

13. **LTD Columbus International** (outgoing letter No. 17 dated 17.11.2021) utilized the results of the report «*Methodological Support for Diagnosing the Dominants of Investment-Innovation Policy in Nature Management in a Sectoral Context Based on the Quadruple Helix Model*» to justify the economic feasibility of investments in ecological innovations within the construction sector.

14. **The Odesa Regional Humanitarian Center for Extracurricular Education and Upbringing, under the Department of Education and Science of the Odesa Regional State Administration,** found the following useful:

– The report «*Institutional Support for the Development of Environmentally Relevant Scientific and Educational Activities within Innovative Parks*» (outgoing letter No. 06-03/415 dated 24.09.2021) was deemed beneficial for activities of the Odesa Branch of the Junior Academy of Sciences.

– The analytical note «*Organizational and Economic Mechanism for Managing Changes in the Wellness and Recreation Sector Amid the COVID-19 Pandemic*» (outgoing letter No. 06-03/416 dated 21.09.2021), which developed a model for assessing natural resource assets integrated into the recreational and tourism sector, enabling the determination of investment directions according to prospective activities.

15. **The State Agency for Water Resources of Ukraine (Basin Administration of Water Resources of the Western Bug and Sian Rivers)** (outgoing letter No. 03/2451 dated 15.12.2021) provided positive feedback on the report «*Mechanisms and Institutional Support for Stimulating the Production, Transfer, and Provision of Ecological Innovations in Ukraine's Nature Management Investment Policy.*» The work was recognized as useful for shaping innovative activities within the Basin Administration of the Western Bug and Sian Rivers.

### **Scientific Supervisors of the research:**

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