

To the Chairperson of the One-time
Specialized Academic Council at
Sumy National Agrarian University,
Doctor of Economic Sciences,
Professor
Larysa KALACHEVSKA

Review

by the Official Opponent, Doctor of Economic Sciences, Professor, Professor of Management, Public Administration, and Personnel Department at the West Ukrainian National University, Monastyrskiy Grygorii, on the dissertation of Xu Weidong titled «STATE SUPPORT FOR INNOVATIVE PROJECTS FOR THE DEVELOPMENT OF SOCIAL INFRASTRUCTURE OF TERRITORIES» submitted for the academic degree of Doctor of Philosophy in the field of knowledge 07 "Management and Administration, " specialty 073 "Management.

1. Substantiation of the relevance of the topic of the dissertation, its connection with scientific programs, topics

The relevance of the topic "State support for innovative projects for the development of social infrastructure of territories" is extremely important in the current conditions of rapid technological development and growing requirements for the quality of life of the population. Provision of modern, effective social infrastructure is a key element in ensuring comfortable and stable development of any territory. Innovative approaches in this area can significantly improve the quality of life of citizens, provide access to modern services and create favorable conditions for the development of the regional economy. State support is becoming a key factor in stimulating innovation in the field of social infrastructure. Financial support, tax incentives and other tools can activate investment interest in the implementation of projects aimed at improving the living conditions of citizens. In addition, the provision of innovative social infrastructure can make the regions more competitive, attracting talented specialists and investors, which will contribute to an overall increase in the level of development of territories and an increase in their socio-economic potential, which led to the relevance of Xu

Weidong's dissertation, the formulation of the purpose of work and tasks to achieve it.

The dissertation research was carried out within the topics of research works on the complex scientific project of Sumy National Agrarian University of the Ministry of Education and Science of Ukraine, namely: "Management of competitiveness of enterprises on the basis of innovative marketing" (state registration number 0119U100250, 2019), which was carried out at the Department of Marketing and Logistics. The research materials are presented by the relevant departments in the final reports on the research and included in the monographs on other scientific publications prepared based on the results of the implementation of scientific topics.

2. Degree of validity of scientific provisions, conclusions and recommendations formulated in the dissertation, their reliability and novelty

Results of the analysis of the content of the dissertation work and scientific publications

Xu Weidong made it possible to conclude that the main scientific provisions, conclusions and recommendations formulated in the dissertation correspond to this type of research. The proper degree of validity of the scientific provisions, conclusions, recommendations formulated in the dissertation, and their reliability are ensured by:

- the correctness of the definition of the object and subject, and the author's professional solution of a number of tasks, which contributed to the implementation of the set goal of the study, and the adequacy of the structural and logical scheme of the study to the defined goal: each subsequent section or subsection is organically connected with the previous one and complements it. Having chosen as the object of the state support of innovative projects for the development of the social infrastructure of territories, the author quite thoroughly analyzes the theoretical basis for the study of the development of the social infrastructure of territories as an object of management, as well as the state of scientific study of the problem. The logic of teaching the material correlates with the subject of research and the chosen research methods. This allowed the applicant to form the basis of scientific approaches and concepts that form the basis of his research;

- the use of a wide source base on the topic of the dissertation and a sufficient array of analytical data: the list of references includes 213 titles, most of which are in English; The study is based on the works of domestic and foreign scholars, which

are devoted to various aspects of the management of the processes of reforming and developing the social infrastructure of territories, in particular, at the level of united territorial communities, as well as the analysis of approaches, tools, methods and models used in various spheres of management;

- selection of research methods that allowed, in particular: to identify the problems and determine the subject of research, to improve the conceptual and categorical apparatus of the subject area of research, to systematize management tools that are innovative for the development of social infrastructure of territories (methods of analysis and synthesis); study and draw conclusions about the current regulatory framework in this area (system-analytical method and method of content analysis); to develop methodological and technological support for the processes of state support for innovative projects, substantiation of the relevant process model and approach to assessing the success of activities to ensure sustainability, restoration and development of social infrastructure of territories; to study the existing and develop their own conceptual provisions on state support for innovative projects for the development of social infrastructure of territories; formulate the conclusions of the dissertation research on the basis of the processed materials (generalization method);

- a sufficient number of areas of approbation of the obtained results at 6 scientific and communicative events (2 of them are foreign).

The dissertation is characterized by systematic and clear presentation of the material, the ability to highlight essential points, and their clear argumentation. The conclusions of the dissertation work are quite reasonable, correct and logically follow from the material presented.

The provisions, conclusions and recommendations developed and substantiated by the author have a practical orientation and can be used by local self-government bodies and other stakeholders (state and municipal enterprises, services, other organizations of various forms of ownership) interested in the restoration and development of territorial communities. Also, the results of the study can be used in the educational process, which is implemented under the educational-professional and educational-scientific programs of the field of knowledge 07 "Management and Administration" and under the programs for advanced training of civil servants and local self-government officials.

Acquaintance with the text of the dissertation allows us to state the relevance of the author's development of the studied problems as a whole, the allocation of the most acute problems within the subject of the study, as well as the presence of novelty of their scientific work.

The scientific novelty of the obtained results lies in the solution of an urgent scientific task – the scientific substantiation of a set of innovative approaches and tools of state support for innovative projects for the development of social infrastructure of territories and the development of appropriate methodological and technological support for its effective and efficient functioning.

The main results that have elements of scientific novelty are, in particular, the following:

First:

- Asked organizational and economic mechanisms for managing innovation activities for the development of social infrastructure of territories, which is the transformation of the influence of the external environment as the main source of innovative changes within the framework of the functioning of the innovation cluster, which at the same time acts as a source of resources that the social infrastructure as an open system uses at the input of its activities to ensure the expected result. The methodological basis of state regulation in the spheres of social infrastructure is the forms of public-private partnership as a universal toolkit, and the relevant principles, the observance of which should be a prerequisite for making regulatory decisions on the implementation of innovative changes.;

Finished:

- theoretical and methodological approach to the formation of interaction of key stakeholders on the basis of a certain degree of involvement of relevant stakeholders who are actively involved in the process of planning, development and implementation of social policy, which can be implemented through the use of the responsibility map of institutions in the formation of policy for the development of social infrastructure of territories;

- study of the state of innovation processes in the social sector of China on the basis of the country's position in the Global Innovation Index and analysis of statistical indicators of social infrastructure, which, unlike the existing ones, made it possible to propose a matrix of recommendations for increasing the level of inclusion of China's social infrastructure by the following structural elements: healthcare, education, public services and public transport, environmental sustainability of cities and regions.;

has been further developed:

- methodical approach to assessing the level of development of the social infrastructure of territories, the uniqueness of which lies in the presence of a wide range of stakeholders (state and local authorities, the business community

and the public) who can use its results in order to assess the proportionality of regional development and avoid imbalances in the development of certain areas of social infrastructure; to carry out a comparative assessment of the level of development of territories and the effectiveness of investment in the implementation of public-private partnership projects; for strategic decision-making of the state social policy;

- substantiation of the interaction of key stakeholders to ensure the effectiveness of innovative processes of the social sector on the basis of the model of four-level interaction, where the key stakeholders are the state, private partner, investors (sponsors), special agencies, innovation clusters and the end consumer (population of the country). Each level of interaction has its own characteristics and corresponding impact on the efficiency of innovation processes, which can only be achieved if the relevant requirements and criteria are met;

The main scientific results of the dissertation are published in 10 scientific works, including: 4 articles in scientific professional journals of Ukraine (1 - in co-authorship), 1 single chapter in a collective monograph, 6 abstracts in the materials of scientific and practical conferences.

Participation in scientific and communicative events testifies to the acquaintance of the scientific community with the results of the dissertation research. The number of published works meets the requirements established by the Ministry of Education and Science of Ukraine for dissertations for the degree of Doctor of Philosophy.

The Importance of Work for Science, Practice, and Society

Theoretical and practical significance of the results of the dissertation. The scientific and practical significance of the dissertation lies in the development of a set of scientifically grounded provisions and conclusions for solving the scientific problem – the formation of state support for innovative projects for the development of social infrastructure of territories. The results of the dissertation research, conclusions and recommendations contained in the work can be taken into account and used in the activities of various organizations that are in one way or another involved in the process of industry management innovative development. The results obtained and the conclusions formulated can form the basis for decision-making in these organizations.

Absence (presence) of violation of academic integrity

According to the results of a thorough study of the manuscript of the dissertation and published scientific works of the author, as well as the analysis of the report provided by the author on the verification of the text of the manuscript by the service "Unichek", no violations of academic integrity were found. Individual ideas, results and texts of other authors used by the applicant have a link to the appropriate source.

Discussion provisions and comments on the content and design of the dissertation

Evaluating the dissertation research submitted for defense in general, it is necessary to point out certain debatable provisions of the dissertation and make the following comments and suggestions.

1. The bibliometric analysis of publications in the scientometric databases Scopus and WoS (paragraph 1.2, pp. 54-62) on social infrastructure in the aspect of innovative development and state support applied by the author is noteworthy, but it should be noted that a significant part of the scientific literature, in particular the scientific publications of many Chinese and Ukrainian researchers in the field of management, was left out of the work.

2. Taking into account the proposed four-level model of interaction with the state, the private sector, investors and the end consumer (para. 3.2, p.146-148), it would be expedient to specify what prospects and studied models of interaction of key stakeholders can be applied to ensure the effectiveness of innovation processes in the social sector.

3. In Figure 2.10, paragraph 2.1, the author proposes updated directions for the development of innovative processes in the social sphere. It is important that, among others, the digitalization of the social sphere is highlighted, as a socio-economic and scientific-technological process of creating optimal conditions for meeting information needs and exercising the rights of citizens. However, in paragraph 3.2 it would be necessary to propose a specific organizational and economic mechanism that would make it possible to ensure the implementation of this direction.

4. The author notes that the determination of measures for the introduction of innovative changes in the subject area of the components of the HUB-center of the innovation cluster is proposed to be implemented on the basis of analysis and comparison of the level of development of the social infrastructure of different regions. It would be expedient to detail what potential shortcomings and challenges there may be when using the experience of leading regions in the areas of social infrastructure to implement innovative changes in less developed regions. In

addition, it would be useful to explain in more detail how this process can be ensured that this process does not lead to imbalances in development.

5. Given that the dissertation was written while studying in Ukraine, it would be necessary to dwell in more detail on the comparison of systems of state support for the development of territorial communities and their social infrastructure. Such a comparative analysis would be useful for the development and construction of interstate relations in the future.

General conclusion.

Xu Weidong's dissertation on the topic "State support for innovative projects for the development of social infrastructure of territories", which was submitted for defense to the specialized academic council for the degree of Doctor of Philosophy in the field of knowledge 07 - management and administration in the specialty 073 - Management in terms of its relevance, scientific and theoretical level, the main results of validity, the main provisions and results published in professional publications, the novelty of the formulation and practical significance meets the requirements of the Resolution of the Cabinet of Ministers of Ukraine dated January 12, 2022 No. 44 "On Approval of the Procedure for Awarding the Degree of Doctor of Philosophy and Cancellation of the Decision of the One-Time Specialized Academic Council of a Higher Education Institution, Scientific Institution on Awarding the Degree of Doctor of Philosophy" as amended in accordance with the Resolution of the Cabinet of Ministers No. 341 dated 21.03.2022.

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