

STANDPOINT

by Prof., Dr. Sc. Maksym Bezpartochnyi

**National Aviation University named after M. E. Zhukovsky "Kharkov Aviation Institute"
(Kharkov, Ukraine)**

of a dissertation for the awarding of an educational and scientific doctorate degree in Higher Education Area 3. Social, business and legal sciences Professional field 3.8. „Economics“, Doctoral program "Finance, Insurance and Social Insurance"

Author: PhD student Bogdan Chernyavsky

Topic: "Financial incentives for the development of logistics activities in the construction industry in Poland"

1. General description of the submitted materials

By order No. 185 / 22.11.2021 of the Rector of the Higher School of Insurance and Finance (VUZF University) Assoc. Prof. Dr. Grigorii Vazov, I have been appointed a member of the scientific jury for providing a procedure for defense a dissertation on the topic: "Financial incentives for the development of logistics activities in the construction industry in Poland" for obtaining the educational and scientific degree "Doctor" in the field of higher education 3. Social, economic and legal sciences, Professional field 3.8. Economics, Doctoral Program “Finance, Insurance and Social Security”.

The author of the dissertation is PhD student Bogdan Chernyavsky. The materials submitted by the Center for Research and Doctoral Studies at the VUZF University include all the necessary documents for the procedure, namely: CV in Russian, dissertation in Russian, abstract in Bulgarian and Russian, a list and summaries of the publications on the topic of dissertation in English; publications of the doctoral student on the topic of the dissertation, reference for fulfillment of the minimum national requirements for acquisition of educational and scientific degree "Doctor".

The doctoral student submitted 11 publications, of which 4 articles (3 published and 1 in printing), 7 conference materials (6 published and 1 in printing).

2. Brief biographical data about the candidate

Bogdan Chernyavsky graduated from the Kherson State Agrarian University (Kherson, Ukraine) with a degree in Accounting and Auditing, Master of Economics. In Ukraine in the period 1994-2017 worked at Ukrainian enterprises: "Globinsky Meat Processing Plant", "Unilever Ukraine", "Brewery Efes Ukraine", "Beta-Kherson", "Capital-Service", "Chumak", Coca-Cola

Amatil, etc., as a manager of medium and top management, in the field of trade, marketing and logistics. For two years (2017-2019) he worked as an assistant professor at the Higher Social and Economic School in Przeworsk (Poland).

3. Characteristics and evaluation of the dissertation

The dissertation consists of the following parts: introduction, three chapters, conclusion, bibliography, annexes.

To the dissertation is attached the abstract, which summarizes the structure and content of the work, as well as the author's theses and research results.

The dissertation is written in Russian, and the abstract is in Russian and Bulgarian.

The total volume of the dissertation is 193 pages, and the main text is 164 pages. The dissertation contains 14 tables and 43 figures, 4 annexes. The bibliography includes 253 sources, including books, articles, reports, periodicals, statistical sources, Internet sources. More than 50 titles of used literature in Polish.

In the introduction to the dissertation, the main goal and logically related tasks for its achievement are formulated. The object and subject of the study is determined, the research methodology is indicated, as well as the author's main thesis, according to which the development process of the construction industry is complex and multidirectional, needs state regulation and stimulation due to its strategic importance.

The first chapter is devoted to the theoretical and methodological foundations of the effective development of the logistics sector in construction. The author reveals the essence of the logistics system, defines the theoretical foundations of its effective development, substantiates the importance and role of logistics as a strategic tool for the effective development of the construction industry. Within the framework of this study, the doctoral student summarized the process organizational and managerial structure of the logistics system in construction. The semantic content of the concept of "financial incentives" is presented, including the strategic sectors of the national economy, such as the logistics and construction industries. The methodological approaches to determining the efficiency of logistics processes and assessing financial incentives in construction activities have been investigated.

The second chapter is devoted to the analysis of the modern development of the logistics system in Poland. For this, the key positive and negative factors of the effective functioning of the Polish transport and logistics system, including in construction, as well as the dynamics of their parameters were investigated; the structural elements of the country's logistics system are analyzed, and the dynamic characteristics of its functioning in the context of recent years are presented; the functional capabilities of the transport and communication system are disclosed.

The assessment of the main indicators of modes of transport in the country, absolute changes in the main economic indicators of the development of construction in Poland.

The third chapter is devoted to the directions, mechanisms and instruments of financial incentives for the development of the national logistics system in the construction industry in Poland. The role and importance of state support for the development of the logistics and construction sectors of the Polish economy has been substantiated. As a result of the study, it was found that the logistics system of Poland predetermines the multivariance of management and business decisions based on the investment of funds by financial and credit institutions, influential developers, sharing the risks of the state and business in the form of public-private partnership projects, as well as the implementation of large-scale infrastructure projects financed by EU funds. It is also important to use long-term bank lending and other preferences of the central and regional authorities in order to build warehouse logistics real estate and implement large-scale infrastructure projects. As part of the study of financial support for the implementation of technological innovations in order to effectively develop the national logistics sector and supply chains, it was pointed out the need to optimize logistics costs and improve the quality of services provided. The author proposes an organizational and managerial model for increasing the efficiency of the construction business development on the basis of a selective choice of financial incentive instruments. A scale for assessing the regions of Poland in terms of transport and logistics and financial and investment potentials has been developed.

Each chapter of the thesis is accompanied by reasoned conclusions. The conclusion presents the main findings from the study.

In general, the author managed to achieve the goals and objectives of the scientific research.

4. Contribution and significance of the development for science and practice

The research include the following more important scientific and applied scientific contributions:

- the organizational and managerial structure of the logistics system in construction has been substantiated and proposed, taking into account the specifics of the relationship of all associated and interconnected entities, reflecting all logistics processes and management functions, taking into account the coordination of the activities of all participants in the supply chain;

- attributive properties of the logistic system, which is an artificially complex, open, ergatic, technical and technological, ecological, socio-economic, spatial-temporal system of optimization modeling of the delivery of the right product at the right time to a specific consumer;

- further development of logistics as one of the key organizational and stimulating factors of the service space (at the macro level, it is represented by an aggregate of the level of national and

/ or global economies; at the meso-level, logistics plays a leading role in improving the efficiency of arrangement of the territorial-local economy);

- a set of methodological recommendations for assessing transport-logistics and financial-investment potentials was proposed, which makes it possible to assess the quantitative and qualitative availability of basic conditions for the development of the construction industry in the region;

- an organizational and managerial model has been developed to improve the efficiency of the construction business development on the basis of a selective choice of financial incentive instruments;

- a matrix of managerial decisions on the choice of priority instruments of financial incentives for the development of the construction sector of the economy was proposed, based on an integral assessment of the transport-logistics and financial-investment potential of the regions.

5. Evaluation of publications on the dissertation

The doctoral student has presented a sufficient number of scientific publications on the topic of the dissertation – a total of 11 publications. They are both individual and co-authored, and are closely related to the logistics activities of the construction industry and financial incentives for its development. They include: 2 publications in collective monographs, 2 articles in the journal VUZF Review, 7 papers at scientific and practical conferences. The publications were made in the period 2018 - 2021.

6. Assessment of compliance with the minimum national requirements

Based on the material submitted for review it is evident that the doctoral student has met the minimum national requirements for obtaining the educational and scientific degree "Doctor" in the professional field 3.8. Economics. All legal requirements are met.

7. Abstract

The abstract reflects the goals and objectives of the study, the main points of individual chapters of the dissertation, as well as the author's contribution. The abstract is developed in accordance with the requirements for its design and reflects the main results and contributions to the dissertation.

8. Critical remarks and recommendations

The presented scientific work was positively assessed by me and clearly demonstrates the professionalism of the doctoral student, a fairly good theoretical base, possession of modern

methodological tools for assessing economic processes and opportunities for further research. I believe that the dissertation is a complete scientific work that has a scientific and practical contribution to the further development of logistics and financial incentives in the construction industry.

However, certain points of the dissertation may have remarks, namely: in the second and third chapters, the figures show the Polish language. There is also a question for the PhD student: has the construction industry market in Poland changed during the Covid-19 pandemic?

It is recommended to continue the research of the doctoral student in the future and publish the results in publications indexed in the scientific-metric databases Scopus and Web of Science, since the further development of the transport-logistics and financial-investment potential of the regions of Poland is scientifically attractive, based on modern trends in the field of logistics.

CONCLUSION

The dissertation contains scientific and applied results, which represent a real contribution to science and meet all the requirements according to the Law on Academic Staff Development in the Republic of Bulgaria and the Regulations for its implementation.

The presented materials and dissertation results correspond to the specific requirements of the Regulations for admission and education of doctoral students at the Higher School of Insurance and Finance (VUZF).

The dissertation shows that Bogdan Chernyavsky possesses an in-depth theoretical knowledge and professional skills in Professional field 3.8. Economics, by demonstrating qualities and skills for independent research.

Based on the above, I give my positive assessment of the research, presented by the above reviewed dissertation, abstract, results and contributions, and suggest to the esteemed jury to award the educational and scientific degree "Doctor" of Bogdan Chernyavsky in academic field 3. Social, economic and legal sciences; professional field 3.8. Economics, PhD program "Finance, Insurance and Social Insurance".

December 28, 2021

Reviewer: Prof., Dr. Sc. Maksym Bezpartochnyi

I certify the signature of Maksym Bezpartochnyi
Vice-rector for scientific work



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V. V. Pavlikov