#### **OPINION**

#### by Prof. Dr. Silvia Trifonova Trifonova-Pramatarova,

### University of National and World Economy (UNWE), Sofia

for dissertation for awarding 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 Insurance", Higher School of Insurance and Finance (VUZF), Sofia

### Author: PhD student Bogdan Alexandrovich Chernyavsky

Topic: "Financial stimulation of the development of logistics in the Polish construction industry"

#### 1. General characteristics of the presented dissertation

By Order №185 /22.11.2021 of the Rector of the Higher School of Insurance and Finance (VUZF) Assoc. Prof. Dr. Grigory Vazov, I have been appointed a member of the scientific jury to ensure the procedure for the defense of a dissertation on "Financial stimulation of the development of logistics in the Polish construction industry", for the acquisition of 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 Insurance".

The materials submitted by the VUZF University include all necessary documents for the procedure, namely: CV in English, dissertation in Russian, abstract in Bulgarian and Russian, list and annotations of publications on the topic of the dissertation in Russian, publications of the doctoral student in the topic of the dissertation, declaration for fulfillment of the national minimum requirements for obtaining a doctoral degree in a professional field 3.8 Economics.

#### 2. Brief biographical information of the candidate

Bogdan Chernyavsky received his higher education at the Kherson State Agrarian School (Kherson, Ukraine) with a degree in Accounting and Auditing, Master of Economics. In Ukraine in the period 1994-2017 he worked in the following enterprises: Globinsky Meat Processing Plant, Unilever Ukraine, Ephesus Ukraine Brewery, Beta-Kherson, Capital-Service, Chumak, Coca-Cola Amatil, etc., as a middle and senior level manager , in the field of trade, marketing and logistics. For two years (2017-2019) he worked as an assistant at the Higher School of Socio-Economic Studies in Przeworsk (Poland).

### 3. Relevance of the topic and relevance of the goals and objectives

The author has correctly justified the relevance and significance of the topic. The essence of the logistics system is revealed: the theoretical bases of its effective development are determined; the importance and role of logistics as a strategic tool for the development of the construction industry is substantiated. Methodological approaches for determining the efficiency of logistics processes and assessments of financial incentives in construction are studied.

#### 4. Knowledge of the problem

In his research work, Bogdan Chernyavsky clearly formulated the thesis, goals, objectives, object and subject of research. The author's thesis is based on the assessment that the process of development in the construction industry has a complex, complex and multidirectional nature, and needs government regulation and incentives by the power of its strategic importance. The study of the current state and conditions for the development of transport and logistics system, as well as the availability of financial and investment regional opportunities create conditions for the formation of a set of methodological and practical recommendations for choosing guidelines, mechanisms and tools for financial support of construction activities on the territory of Poland.

## 5. Research methodology

Various research methods have been used to reveal the goals and objectives of the dissertation. The main methods used are systemic, complex, inter-sectoral, cybernetic, synergistic and prognostic. And as additional methods are used resource, adaptive, process, project, balance, regulatory, marketing, behavioural, situational, optimization, information, structural and factorial.

## 6. Characteristics and evaluation of the dissertation

The dissertation consists of an introduction, three sections, which include 9 paragraphs, conclusion, contains 14 tables, 43 diagrams, 4 formulas and 4 appendices. The work is presented in 164 pages of main text. The list of used literature includes 253 literary sources.

The presented dissertation is a good study of the chosen topic. The analysis is characterized both by its theoretical aspects and by its practical and applied dimensions.

The first chapter is entitled "Theoretical and methodological foundations for effective development in the field of logistics in construction". Here are considered financial incentives for logistics as a strategic tool for the development of the construction industry, as well as approaches to determining the effectiveness of logistics processes and financial incentives in construction.

The second chapter is entitled "Analysis of the modern development of the logistics system in Poland". Here are some interesting points, such as: Factors and prerequisites for effective development of the national logistics system and supply network; Structural decomposition and analytical assessment of the state of development in Polish logistics and the impact of modern logistics approaches to the development of the construction industry in Poland.

The third chapter is entitled "Guidelines, mechanisms and instruments for financial incentives for the development of the national logistics system in the Polish construction industry". The problems of state incentives in the construction sector, financial support for the introduction of technological innovations for the effective development of the national logistics sector and supply chain, strategic guidelines for improving the efficiency of the logistics system and the benefits of financial incentives for development in the construction industry of Poland.

## 7. Scientific contributions and significance of research results for science and practice

The author's contributions are indicated in the presented abstract. The scientific novelties are divided into two groups – scientific novelties of theoretical nature and scientific-applied results. The contributions of the dissertation are formulated on pages 28-29 in the abstract. Six contributions are listed. I accept the most of contributions formulated by the author.

# 8. Evaluation of the publications on the dissertation

A sufficient number of scientific publications have been presented – a total of 11 publications. They are both independent and co-authored. They are related to the topic of the dissertation. This includes: 2 publications in collective monographs, 2 articles in the "VUZF Review", 7 papers at scientific and practical conferences. The publications are published in the period from 2018 to 2021.

## 9. Assessment of compliance with national minimum requirements

The doctoral student's report has been prepared in an appropriate way. It shows that the doctoral student meets the legal requirements. The articles and papers presented by him, published in non-referred journals with scientific review or published in edited collective volumes, form a total of 70 points. He has published a monograph, which is not presented as a major habilitation thesis, forming 100 points.

# 10. Personal participation of the candidate

I believe that the dissertation is the work of the doctoral student himself.

## 11. Abstract

An abstract is attached to the dissertation. The abstract is 29 pages long. The abstract corresponds to the content of the dissertation. The author's publications are not presented in the abstract, as is the usual practice.

# 12. Critical remarks, questions and recommendations

I have the following critical remarks and questions on the dissertation and abstract of Bogdan Chernyavsky:

- 1. In Table 2.1 and Figure 2.8 why the development of the construction industry in Poland in the period 1975-2010 was analyzed, and not until now.
- For other indicators the analysis and resp. the illustrative material (graphs and tables) concerns another period 2009-2017. Even the abstract gives a parametric analysis of the absolute changes in the main economic indicators for the development of construction in Poland for 2011 and 2018, and not up to date.
- 3. The translation of the abstract in Bulgarian is not in good shape, there are still expressions in Russian and some expressions in Bulgarian are inaccurate, which makes it very difficult to understand.

# CONCLUSION

The dissertation on the topic: "Financial stimulation of the development of logistics in the Polish construction industry" by Bogdan Chernyavsky is a good study of this issue, which is useful for the senior authorities in order to form an effective mechanism for managing investment processes, as well as to improve the investment climate in Poland. The presented materials are in compliance with the requirements of the Law for the Development of Academic Staff in the Republic of Bulgaria (LASRB) and the Ordinance on the Implementation of the LASRB, as well as the Ordinance on Admission and Training of Doctoral Students at the VUZF University.

Based on this, I give a positive assessment of the research presented in the above-mentioned peer-reviewed dissertation and abstract, and I invite the esteemed scientific jury to award Bogdan Chernyavsky 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 Insurance", Higher School of Insurance and Finance (VUZF), Sofia.

31.12.2021

Sofia

Signature: .....

(Prof. Dr. Silvia Trifonova Trifonova-Pramatarova)