

REPORT

of dissertation for the acquisition of:

educational and scientific degree " doctor "	X
scientific degree " Doctor of Science "	
	the true is indicated by the sign "X"

Author of the dissertation:

		Dimitar	Nedelkov	Nedelev	
academic position	scientific degree	name	middle name	last name	workplace

Topic of the dissertation:

Research into the possibilities for increasing the competitiveness of non-ferrous metallurgy in the Republic of Bulgaria
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Scientific area:

3.	Social, economic and legal sciences
code	name

Professional area:

3.8	Economics
code	name

Scientific specialty:

Economics and management

The report was written by:

Prof.	Dr.	Ivan	Petrov	Paligorov	University of forestry Sofia
academic position	scientific degree	name	middle name	last name	workplace

1. Meeting the minimum requirements under the Regulations:

A) The candidate meets the minimum requirements	20 points	X
B) The candidate doesn't meet the minimum requirements	0 points	
		one of the answers given is marked with the sign "X"

It is mandatory to fill in if answer B is marked. The publication activity of the candidate is analyzed. The response of the results achieved (quoted) is analyzed.

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2. The relevance of the topic of the dissertation:

A) The topic is relevant and new (there are no known results on the topic by other authors)	8 points	X
B) The topic is relevant and results from other authors are known	6 points	
C) The topic is not relevant, but results from other authors are known	2 points	
D) The topic is not relevant and no results from other authors are known	1 point	
E) The topic does not correspond to the level of dissertation	0 points	
		one of the answers given is marked with the sign "X"

The evaluation of the relevance of the dissertation must be substantiated
New technologies are a powerful weapon that, if implemented in the activities of an organization, can significantly improve its competitiveness in the market in a short time. The intensified competition between individual organizations at the local, regional, national and global levels forces their management teams to proceed to continuous improvements of processes and products, so that their organization is not pushed out of the market. This determines the assessment of the competitiveness of a company or production as extremely important, with all the subsequent opportunities for improvements. Based on a thorough analysis of the available literature and meetings with senior managers from leading companies in the field of non-ferrous metallurgy in the Republic of Bulgaria, the need to develop a methodology and approach for self-assessment of the internal competitiveness of organizations has been highlighted. This is necessary due to the territorial location of Bulgaria on the geopolitical map, as well as the very low ability to influence the market for these raw materials, which actually requires the approach to focus on internal competitiveness - where organizations have the opportunity to differentiate themselves from other market participants.

3. Type of research:

A) Theoretical	4 points	
B) Applied	4 points	
C) Theoretical with application elements	4 points	X
D) It does not correspond to the level of dissertation	0 points	
		one of the answers given is marked with the sign "X"

The level of research must be substantiated if answer D is marked.

4. Objectives of the research:

A) Realistic and of scientific and / or applied interest	8 points	X
B) Realistic, but not of scientific and / or applied interest	3 points	

C) Unattainable (unrealistic)	0 points	
		one of the answers given is marked with the sign "X"

Objectives must be specified. The type of the set objectives must be justified.

The formulated goal is realistic and represents scientific and applied interest. Based on the results of a theoretical study of a known method for assessing competitiveness, a methodological approach for assessing internal competitiveness has been developed and proposed. The approach has been applied to assess competitiveness in real companies from the non-ferrous metallurgy of Bulgaria, observing the proposed 5 phases.

5. Contributions of the dissertation:

A) With lasting scientific and / or applied response, they form the basis for new research and applications	20 points	
B) They are of significant scientific and / or applied interest, complete and / or summarize previous research	16 points	X
C) They are of scientific and / or applied interest	12 points	
D) Lack of significant contributions	8 points	
E) Lack of contributions	0 points	
		one of the answers given is marked with the sign "X"

Contributions must be specified. The type of results achieved must be justified.

1. Based on the results of the conducted study of the essence of competition and modern theoretical understandings of competitiveness, key aspects have been defined, proving their strong influence on improving the performance of organizations.

2. An author's definition of the term "competition" is presented, which determines the concepts regarding the implementation of the tasks set in the dissertation.

3. The positive trend for the development of large enterprises in the field of non-ferrous metallurgy in the Republic of Bulgaria has been established, in the activities of which ecology, occupational safety and increased productivity through innovations stand out as competitive advantages.

4. A methodology has been created for a momentary assessment of internal competitiveness, based on self-assessment, according to three main criteria - Innovation, Cost Effectiveness and Quality.

5. The proposed methodology has been tested in one of the largest enterprises in the field of non-ferrous metallurgy in the Republic of Bulgaria, based on the results obtained, recommendations have been formulated for improving the activity, as well as critical areas of the research process and the reasons that hinder it.

The results obtained have both scientific and theoretical value, as they further develop and apply in a new area a known methodology for assessing competitiveness, but also practical significance for assessing the competitiveness of non-ferrous metallurgy enterprises in Bulgaria according to leading criteria.

6. Conclusion

A) The evaluation of the dissertation is POSITIVE	This evaluation is assigned to a total number of at least 40 points	X
B) The evaluation of the dissertation is NEGATIVE	This evaluation is assigned to a total number below 40 points	
		one of the answers given is marked with the sign "X"

To be filled in at the request of the member of the scientific jury

10.03.2025	The report was written by:	
date		signature