Economic security as a condition for sustainable development of countries, regions and enterprises

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Abstract. The basis of this research consists of conceptual developments of a methodological nature that allow one to diagnose and assess the limitations, threats and challenges of an economic, social, environmental, resource-technical, administrative and legal nature across the vertical of the economic levels of an integral national system. The purpose of the paper is to formulate an original methodological approach to the research of economic security, considering the causal connection between the elements of the totality of individual determinants and conditions characterizing threats and challenges. The peculiarity of the proposed approach lies in the fact that the authors consider the enterprise as the initial level of the economic system. The economic security of an enterprise largely determines the economic security of other levels of this system. They represent the business environment that can be a carrier of external threats that negatively affect the economic security of the enterprise.

We believe that without ensuring economic security at all levels of the economic hierarchy, it is impossible to ensure the implementation of the concept of sustainable development. The use of the matrix principle justifiably allows the authors to solve the evaluation problem within a single methodological approach. It allows identifying the determinants that most affect economic security. It is assumed that the diagnostic results will allow developing specific measures to eliminate or reduce the role of negative factors and motivational and stimulating measures that ensure the resolution of contradictions arising from the presence of restrictions, including environmental and social, on entrepreneurial activity.

1 Introduction

The scientific community presents the category of economic security very broadly—from the analysis of various conditions that characterize it to protection from external and internal threats. It is postulated that this phenomenon belongs only to the national level. The authors have already spoken out on the definitions of economic security[1], drawing attention to the fact that this concept is still very controversial. It is important to note that the category of economic security is considered in scientific publications mainly at the national level in

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2 Materials and methods
However, the authors consider any threat, first of all, as a form of danger, which is a specific set of conditions and determinants that negatively impact the enterprise’s financial and economic activities. One way or another, an enterprise should be able to resist this, and achieving such a state implies the absence of internal threats. It may also be caused by the general inadequate situation with the business environment in the industry, the region, and the country as a whole. The diagnostic method should be based on the principle of “factors-levels.”

It takes into account the fact that the enterprise operates in a social economic hierarchical system, and its safety is due to the situation developing on the “upper floors” of the hierarchical economic vertical. The principle of “factors-levels” logically represents a combination of four formed enlarged groups of factors (see the rationale in Section 3) in their manifestation at each of the four levels of the hierarchical economic system (i.e., the matrix) (Fig. 1).

Fig. 1. Matrix of distribution of factors by groups and corresponding hierarchical levels.

Source: Compiled by the authors.

Thus, 16 combinations are presented for diagnosis. The task is to determine the content of these combinations. To do this, the following algorithm is proposed: (1) identification of possible factors and their dominant characteristics; (2) their differentiation according to the species group and hierarchical level; (3) ranking of the most significant determinants; (4) calculating risks in each of the 16 combinations under consideration and summing them up as a whole both by levels (horizontally) and by factors (vertically).

With regard to the implementation of the proposed methodology, the authors will focus on the principles of the formation of groups of factors.

3 Results

In the authors’ view, based on the understanding that the production process is an interaction of material and personal factors, provided by certain production conditions (infrastructure) and specific organizational and legal relations, it is quite legitimate to present them with four main groups of factors: (1) economic; (2) socio-environmental; (3) resource-technical; (4) administrative-legal. The proposed approach should provide an opportunity to assess the security of the business environment, as a result of which all those who manage the processes of forming the business environment at their level could decide on measures. The implementation of them would contribute to the elimination of everything that negatively affects the protection of business. The authors considered the features of each of the enlarged groups of factors.

Economic factors are determined by the economic stability of the system and the prospects for its development and are related to the market and financial conditions of the business environment. Such characteristics of the business environment are (1) volume and specifics of the market; (2) degree of market monopolization and the level of competition;
The group of socio-environmental factors

Resource and technical factors

A group of administrative and legal factors

For more information about factor groups, see [9]. Considering their importance, the authors consider it necessary to dwell on some specific determinants and factors. Such determinants of economic security are state tax administration and regulation of non-tax payments. At the same time, until now, there has not been an unambiguous opinion about whether they are capable of performing a stimulating function and under what conditions. On the contrary, they have a negative impact on the activities of enterprises, becoming one of the external threats. Some believe that tax incentives cannot be any significant factor stimulating investment activity [10] and perform mainly a fiscal function [11]. Also, the inadequate nature of tax administration is seen as a destabilizing factor. Others argue that they still play a stimulating role within specific phases of the economic cycle [12] or at a certain level of economic development of the country. At the same time, it is assumed that this statement is true for developed regions (territories). Along with the factor of tax administration that determines the activity of an entrepreneur, economists recommend considering factors that are formed not only at the country and regional but also at the sectoral levels. In particular, this applies to such activities as extractive industries, where rent relations play a leading role, which, as suggested in a number of works [13], require a different mechanism for regulating the distribution and withdrawal of rental income than the one that has developed to date, that is, through the administration of taxes. It is also necessary to emphasize the presence in administrative and legal factors, political, corruption, and other components that can have a significant negative impact on the security of the enterprise.
4 Discussion

The issue of identification and differentiation of factors that determine economic security is still insufficiently worked out.

There is a significant spread of factors affecting economic security in the scientific literature, while there is no systematic and structured nature. Without specific grouping principles, a general set of factors is not very productive in the authors’ understanding. Most often, the task of determining thresholds and measuring the level of economic security is solved, while the proposed methods are difficult to implement in practice. The authors believe that an entrepreneur, who assesses the risks that are formed by various factors and threats that negatively affect the economic security of an enterprise, will be able to resist external threats and, in accordance with his attitude to the level of risk, make a management decision.

The use of the methodological approach proposed by the authors provides an opportunity to identify and then implement measures to reduce or eliminate the manifestation of threats and challenges completely. Simultaneously with the reduction of risks, the level of economic security of the enterprise increases. The matrix approach allows doing this in the context of economic levels, which, as noted earlier, are closely interrelated. At the same time, the assessment is carried out not according to the total set of factors but according to enlarged groups, including key factors.

5 Conclusion

Methodological problems of the formation of economic security of the enterprise and a safe business environment are revealed. An attempt has been made to solve them. The authors, trying to overcome the controversial nature of a number of fundamental issues, took a new approach to the consideration of the problems of security and business development. They proposed for the research of economic security a matrix approach that takes into account the causal connection between the elements of a set of individual determinants and conditions characterizing threats and challenges.

To identify the nature of the impact of economic security on the results of financial and economic activities of enterprises, it is necessary to identify and then assess external and internal threats and challenges and their determinants through an adequate diagnostic method, which, in the authors’ view, should be based on the principle of “factors – levels.”

Within the framework of the stated problems, the authors consider the logical continuation of further research to be the solution of issues of identification of determinants that have the greatest impact on ensuring economic security. Assessment of external and internal threats and challenges. Substantiation of the possibility of practical use of a methodological approach that allows for the diagnosis of the state of economic security of the enterprise.

References


