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DIRECTIONS FOR OPTIMIZING THE RISK MANAGEMENT SYSTEM IN THE DEVELOPMENT OF MANUFACTURING ENTERPRISES

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Abstract : This is in the article work release in the enterprise risks of management organizational and economic mechanism in improvement risks cause issuer factors please research to do based on manage system to optimization dedicated.

Keywords : risk, production output , space , optimal management.

Risks associated with external risk: extent of capture of markets by competitors; the degree of intervention of state bodies in enterprise activity; quality level of the labor market; the possibility of attracting investment capital to the enterprise; science and technology development; market risk activity.

Internal risk risks: the scale of the enterprise's commercial activity; level of production diversification in the enterprise; staff qualification level; material supply; risks related to management and financial activities of the enterprise.

There are many theoretical bases of production management and by their application efficiency in production is achieved. However, factors such as changes in the economy, the increase of business entities, the increase in demand for products, the increase in export products , the disruption of economic relations between countries or the decrease in demand for products cause risks for business objects . causes it to come out.

Our scientists M. Sharifkho'jayev and Yo. Abdullayev defined the concept of risk with the concept of risk as "Risk is the risk of complete or partial loss of a resource or income" [1].

The English economist A. Marshall believed that risks in manufacturing business are caused by "fluctuations in the markets of raw materials and finished products, unexpected changes in fashion, new inventions, the entry of new and powerful competitors in their fields, and other reasons" [2] .

According to one of the scientists of our country, KhJKambarov, "Production risks are one of the manifestations of potential risks affecting the enterprise, and are characterized by the characteristics of risks formed during the production process or during the delivery of raw materials. "Production risks are evaluated by the impact of expected risks in production on the increase of costs and the probability of certain damages" [3].

In order to increase the stability and management of the activity of the production enterprise and increase the effectiveness of adaptation to the conditions of uncertainty, a block-hierarchical approach to the construction of conceptual rules of risk management in the production enterprise is proposed, which is expressed in the decomposition (correct definition of goals and tasks) in risk management.

The following achievements are expected as a result of the successful implementation of risk management methods, models and tools in a manufacturing enterprise: increasing the stability of the enterprise's activities in various operating conditions; increasing the efficiency of managing and adapting to changes in an industrial enterprise.

Acceptable risk under the conditions of normal operation of the production enterprise, crisis management conditions and risk strategies of the enterprise can be bad and very bad or acceptable. Therefore, in managing the risks of an industrial enterprise, it should

be based on the current conditions in which it operates and the goals set by the owners and managers of the enterprise.

In addition, the production enterprise sets different working conditions and different goals. Such a view from the point of view work risk optimization of the issuing enterprise should be goal-oriented.

Risk optimization is carried out using three models of primary data processing, which provide a basis for formalized processing and conclusions on risk optimization measures:

- a model of comparing the goals of the enterprise with operating conditions and typical risks for these conditions;
- a model of comparing available resources with needs and task results;
- a model of selecting risk management methods.

In risk management of a manufacturing enterprise, the risk optimization system of an industrial enterprise in particular includes the necessary primary data from the risk assessment system and the goal setting system (Fig. 3.7).

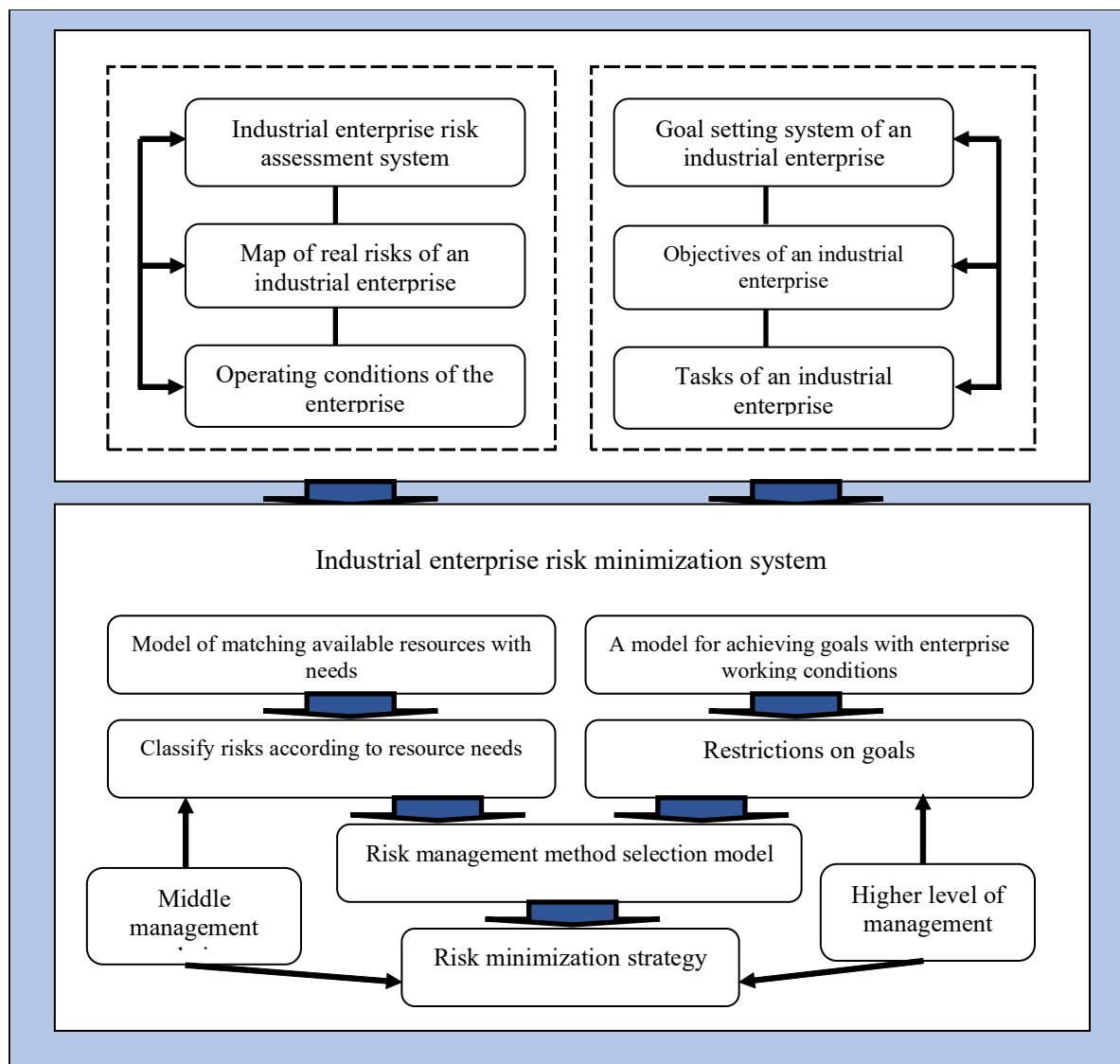


Figure 1. Work release in the enterprise risks optimal management structure

The task of risk optimization in the enterprise is to determine which management method is the most effective, taking into account the enterprise's activities, its goals and available resources. For this, optimization is carried out in accordance with the criterion of maximizing the impact of achieving the goals of the industrial enterprise , while

limiting the types of risks and risks that the enterprise can handle at the same time. Maximizing the effectiveness of achieving goals is carried out in terms of tasks that solve the goals of the industrial enterprise. The following function is used for this:

$$\sum_{m \in M} = (F_m - \sum_{u=1}^4 (b_{u,m} * L_{u,m})) \rightarrow \max$$

this here :

F_m - the economic effect of the m-task execution of the industrial enterprise;

$b_{u,m}$ is a boolean variable that takes the value 0 or 1 depending on whether it is appropriate to use the u-type of risk management for task m;

$L_{u,m}$ type of risk management for m-assignment done increase expenses ;

u - risks manage of type index .

So to the goals defined restrictions and resource needs according to risks classification based on risks manage methods of choice recommendation done from the model use enterprise own goals in reaching risks manage according to the most useful program choose enable gives Big of enterprises The activity is balanced organism as mutually effect doer many areas cover takes With that together , one enterprise work release in the field development projects done increase , financial in the field to the crisis against measures done increase , personnel in the field of activity current level save standing and etc.

The variety of tasks faced by the managers of separate departments of the enterprise leads to the emergence of the problem of optimal distribution of risks during the implementation or implementation of certain projects of a strategic or anti-crisis nature. Solving such a risk optimization task involves finding the most optimal management solutions for risk management.

We can distinguish the most common types of such decisions at the strategic level: risk rejection; reduce risk; transfer of risk to third- party organizations ; risk taking. It is always businesses that use such strategies in their "pure" form not encountered in practice can

Most often, these types of strategies are found in a "mixed" form, when risk rejection, reduction, transfer or acceptance occurs partially. Therefore, it is an urgent task to choose optimal risk management strategies in a pure or mixed form, which will give the maximum overall benefit in the conditions of financial restrictions on the implementation of measures to minimize the impact of risk.

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