

„Model of the selection of cooperation partners for implementation of innovative projects in the manufacturing enterprises’ networks in metal (processing) and automotive industries”

Abstract

The problem area dealt with in this paper places into in the current and very important research area concerning innovation management, especially including the selection of cooperation partners for implementation of innovative projects in the manufacturing enterprises’ networks in metal (processing) and automotive industries. Due to the fact that in the XXI century, the functioning of many enterprises depends on innovation projects, the selection of cooperation partners must be carried out on the basis of credible and reliable data. The sources of such data about a manufacturing company active in a particular industry are ERP (Enterprise Resource Planning) systems. Therefore, it has become useful to develop the decision making model of selection cooperation partners for innovation project implementation based on data available in such systems in the networks of metal (processing) and automotive companies. The first part of the paper is devoted to issues related to: metal and automotive industries, innovation, innovativeness, enterprise networks, innovation measuring methods, methods of cooperation partners selection, ERP systems as the sources of data in the cooperation partners selection model. In the second part of the paper, the results of the conducted surveys are presented together with their interpretation as well as the model, method and concept of software to support the selection of cooperation partners for implementation of innovative projects in the manufacturing enterprises’ networks in metal (processing) and automotive industries is presented.

Keywords: *innovative project, selection of business partners, network, manufacturing enterprise, metal and automotive industry, ordered logit model*