

**mgr inż. Tomasz Schroeder**

The dissertation addresses an important problem related to the factors of the entrepreneurial ecosystem and their impact on the innovativeness of logistics enterprises in the Małopolska region. The main scientific objective of this paper was to find an answer to the question of which factors of the entrepreneurship ecosystem determine the innovativeness of logistics enterprises of the Małopolska region.

The first chapter presents the theoretical basis for entrepreneurship and the entrepreneurial ecosystem. The chapter attempts to analyze the definition of the concept of ecosystem with special attention to the entrepreneurship ecosystem. The most important models of ecosystem and entrepreneurship development were identified, as well as the basic characteristics of the entrepreneurship ecosystem.

The second chapter is a continuation of the theoretical considerations contained in the first chapter in the context of the factors of the entrepreneurial ecosystem. The basic elements of the construction of the ecosystem model are presented, with a breakdown of the domains and areas affecting entrepreneurship. The discussion continues with selected aspects of the coevolution of the entrepreneurial ecosystem to attempt to characterize the ecosystem at the national level. The aspect of the impact of the fourth industrial revolution in connection with new trends in the development of technology with a significant impact on changes in the innovation of logistics enterprises is also presented.

The third chapter was focused on innovativeness of enterprises. It presents an overview of scientific research in the area of innovation in theoretical terms. Types of innovation are presented, as well as factors affecting the development and shaping of enterprise innovation. This was followed by an attempt to determine the innovativeness of enterprises at the national level and the innovativeness of enterprises in the logistics industry. This allowed the determination of the research framework and the direction of the approach to the operationalization of empirical research.

The fourth chapter contains the adopted methodology of the research procedure and the results of the conducted research. The methodology describes the stages of the procedure, which included analysis of domestic and foreign literature, development of research questions and then research hypotheses, development of the research questionnaire, selection of the research sample, operationalization of the research, statistical analysis and interpretation of the research results. The interpretation of the results of the empirical research on the factors of the entrepreneurial ecosystem and innovativeness of logistics enterprises in the Małopolska region is included in the final section of the chapter, which summarizes the conducted research.