## Mgr Marek Gajewski

## Streszczenie pracy doktrorskiej po angielsku: "Innovation management in enterprises in the context of external financing".

The subject of the dissertation is to determinate the impact of European Union funds in the management of enterprises around increasing their innovation in the Lodź Voivodeship.

Innovations are treated as one of the most important factors determining economic growth and success of modem companies. They are an inseparable element of the knowledge-based economy, in which the competitive position of enterprises depends on the innovations they implement, resulting from the implementation of research and development (R&D), scientific development and practical application of new techniques and technologies. Striving to achieve the highest possible level of innovation is one of the most important goals set by the European Union (EU).

The dissertation contains a comprehensive analysis of source literature, including works by both Polish and foreign academic authors. The gathered statistical data allowed for a detailed assessment of the situation in the Lodź Voivodeship, in terms of innovation development and the level of use of EU funding, within the region and in comparison, with other Polish regions.

The composition of this dissertation results from the set research objectives. It consists of six chapters. The first chapter focuses on the presentation of the basic concepts and definitions related to the issue of innovation. The second chapter characterizes the European determinants of innovation policy. The third chapter describes the innovation support programs in Poland and the global challenges faced by Poland. In chapter fourth it was described the essence and goals of managing innovative activities. Key tasks for creating, developing, assessing, and understanding innovation potential have been defined. Chapter five concemts the enterprises innovation potential of Lodź and the Lodź Voivodeship, in the context of the regional socio-economic situation. Chapter six analyzes the impact of the use of EU funds on the inerease in innovativeness of enterprises in the region. It describes support programs and analyzes the relationship between the development of innovation in enterprises in the region and the financial outlays of the European Union.

The conducted research allowed for the achievement of all the objectives set in this dissertation. Therefore, it was possible to positively verify the main hypothesis, according to which: European Union funds have a very significant impact on the growth of innovativeness of enterprises in the Lodź Voivodeship.