

Abstract

This dissertation deals with the important issue of sustainable road transport safety management. The issue of road traffic safety has been the subject of interest and research of many institutions and organizations over the past few years. This is because road transport, although burdensome in terms of the environment or health, is primarily the most dangerous (due to the number of accidents and their victims) means of transport, and one that plays an important role in our everyday life. The dissertation presents a level of road safety management in the aspect of sustainable road transport documented by a thorough analysis of secondary research. Consequently, the main output of the dissertation is the developed model of sustainable road transport safety management.

The introduction to the dissertation presents the reasoning behind the choice of the topic and the structure of the work, which reflects the set research assumptions. The introduction characterizes the hypothesis and the main objective and specific objectives of the work, to which the dissertation is addressed. The dissertation consists of four chapters and has a theoretical-empirical character.

Chapter I - Sustainable development of road transport - presents a comprehensive theoretical analysis of the issue in the area of work subject. The aim of this chapter is to introduce the field of road transport. Its types were characterized, in particular the role of transport in the economy and its importance in Poland and the European Union. In the further part of the chapter, a conceptualization of the features common for the hitherto presented concepts of sustainable road transport is made.

Chapter II - Road Safety Management - presents the available theoretical knowledge on road traffic safety management. The chapter presents the condition of road traffic safety in Poland and in the European Union as well as the specificity of programmes affecting the improvement of road traffic users' safety.

Chapter III - Analysis of Road Traffic Safety and Pollution Level in Silesian Voivodeship - it is one of the priority parts of this dissertation. This chapter is devoted to the statistical analysis of secondary research obtained from institutions which play an important role in the process of sustainable road transport safety management. The analysis of the road traffic safety condition was carried out both on the basis of yet-to-be published data obtained from the Police and the Road Transport Inspection. In the next part of the chapter, environmental results obtained from the Environmental Protection

Inspectorate in the area of sustainable road transport are presented. The overall analysis refers to the cities of the Silesian Voivodeship and includes a statistical interpretation.

Chapter IV - Model conditions of sustainable road transport safety management in the cities of the Silesian Voivodeship - concerns the key objective from the point of view of this dissertation, which was achieved thanks to the literature review and statistical research. The chapter covers both innovative solutions in the field of sustainable development, as well as strategic directions of sustainable transport development in the cities of the Silesia Province in the aspect of road traffic safety management. Nevertheless, the essential part of the work is the development of a model of sustainable road transport safety management in time and space, which, on one hand, presents the current state of transport activities, and, on the other hand, can be applied to the development of strategic directions of sustainable transport development in the context of road traffic safety management.

The dissertation is concluded with a conclusion, a list of used literature, figures, arrays and tables, and the obtained results can be a starting point for further research and search for key solutions to improve road safety in the aspect of sustainable development of road transport.

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