

COMPARATIVE ANALYSIS OF THE MACEDONIAN ROAD TOLLING SYSTEM WITH EU TRENDS

Draženko Glavić¹, Marina Milenković¹, Miloš N. Mladenović²

¹ University of Belgrade, Faculty of Transport and Traffic Engineering, V. Stepe 305, 11000, Belgrade, Serbia

² Aalto University, Department of Built Environment, Rakentajanaukio 4, 02150, Espoo, Finland

Summary: Road tolling through the history was progressing from the manual to various forms of electronic payment. The development of electronic-payment technology is very dynamic in the recent years, with a rapid implementation of various technologies. Thus, a large number of different, mostly electronic tolling systems, are currently in use in Europe. The aim of this work is to analyze toll system in Macedonia in comparison with the EU trends. The analysis of the current toll system in Macedonia is from a financial, traffic, environmental, and socio-economic aspects. In addition, the paper analyzes existing tolling systems in Europe, development trends, as well as EU regulations and directives on road tolling. Consequently, short-term and long-term policy recommendations for Macedonian road tolling system are provided.

Keywords: Road toll, motorway pricing, ETC, toll collection technology, transport policy, infrastructure financing.