

ZNAČAJ I ULOGA NACIONALNOG PROGRAMA ITS-A U BUDUĆEM RAZVOJU
CESTOVNOG PROMETA U REPUBLICI HRVATSKOJ

THE IMPORTANCE AND ROLE OF THE NATIONAL PROGRAMME OF ITS IN FUTURE DEVELOPMENT
OF ROAD TRAFFIC IN CROATIA

Sadko Mandžuka,

Fakultet prometnih znanosti, Vukelićeva 4, 10000 Zagreb, Hrvatska,

sadko.mandzuka@fpz.hr

Abstract: The paper gives an overview of the strategic objectives, priority areas and planned measures of the National Programme of ITS. Some specific features of the past development of ITS in Croatia are described. For the assessment of the current situation and future possibilities of ITS development appropriate SWOT analysis is presented. The proposed strategic objectives of the ITS implementation are the result of balancing the requirements of the European Union and the real needs of the Republic of Croatia. Proposed measures from the National Programme for the implementation of specific national and EU priorities are defined.

Key words: Intelligent transport systems, National Programme, Strategic goals, Implementation measures

References:

- [1] Vlada RH, Nacionalni program za razvoj i uvođenje inteligentnih transportnih sustava (ITS) u cestovnom prometu za razdoblje od 2014. do 2018. godine, Narodne novine, 82, 2014.
- [2] I. Bošnjak, Inteligentni transportni sustavi 1, Fakultet prometnih znanosti, Zagreb, 2006.
- [3] S. Mandžuka, Inteligentni transportni sustavi 2 – Izabrana poglavlja, Zavod za inteligentne transportne sustave, Fakultet prometnih znanosti, Zagreb, 2011.
- [4] S. Mandžuka, B. Horvat, P. Škorput, ITS in Republic of Croatia, Zbornik radova Međunarodnog savetovanja TES 2012, Beograd, 2012.
- [5] I. Bošnjak, S. Mandžuka, Lj. Šimunović, Koncept i implementacija regionalne ITS arhitekture, Zbornik radova 5. hrvatskog kongresa o cestama, Cavtat, 2011.
- [6] EU Commission, Community Strategy and Framework for the Deployment of Road Transport Telematics in Europe And Proposals for Initial Actions, Communication from The Commission to the Council and The European Parliament, 1997.
- [7] EU Commission, Action Plan for the Deployment of Intelligent Transport Systems in Europe Communication from the Commission, 2008.

[8] EU Parliament, Directive 2010/40/EU on the framework for the deployment of Intelligent Transport Systems in the field of road transport and for interfaces with other modes of transport, 2010.

[9] EU Commission, Working Programme on the implementation of Directive 2010/40/EU, 2011.

[10] EU Commission, Raising Awareness of ICT for Smarter, Safer and Cleaner Vehicles, Communication from The Commission to The Council, The European Parliament, The European Economic and Social Committee and The Committee of the Regions On the Intelligent Car Initiative, 2006.

[11] EU Commission, eCall: Time for Deployment, Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions, 2009.

[12] S. Mandžuka, Ž. Marijan, B. Horvat, D. Bicanic, E. Mitsakis, Directives of the European Union on Intelligent Transport Systems and their Impact on the Republic of Croatia, *Promet - Traffic & Transportation*, 25, 3; 273-283, 2013.