DEVELOPMENT OF ITS IN REPUBLIC OF CROATIA

Sadko Mandžuka¹, Božica Horvat², Pero Škorput¹

- 1. Faculty of Traffic Science, Vukelićeva 4, Zagreb, Croatia, mandzukas@fpz.hr
 - 2. Ministry of Economy, Zagreb, Croatia, bozica.horvat@mingorp.hr

Keywords: Intelligent Transport Systems, Transport strategy, R&D, Economy, Deployment

SUMMARY: The paper presents current status on deployment of Intelligent Transport System in Croatian transportation system. It is based on analysis of transport infrastructure development (freeways, highways etc), Croatian road road-telematic industry and other supporting activities (including scientific research, educational activities, standardization system etc.). Several future challenges in the field of ITS is indicated with special emphasis on the latest European ITS Action Plan.

REFERENCES

XXX, (2008), Action Plan for the Deployment of Intelligent Transport Systems in Europe, COM (2008) 886 final.

XXX, (2010), Directive 2010/40/EU of the European parliament and of the Council of 7 July 2010 on the framework for the deployment of Intelligent Transport Systems in the field of road transport and for interfaces with other modes of transport, Official Journal of the European Union.

Mandžuka, S., et al. "Directives of the European Union on Intelligent Transport Systems and their impact on the Republic of Croatia." Promet-Traffic&Transportation (in preparation)

Mandžuka, S., (2009), Intelligent Transportation System - Experiences in Republic of Croatia, (in Croatian), ITS Workshop, Ministry of Sea, Transport and Infrastructure, Zagreb.

Project: SEE ITS - Objectives, 2012, Available at: http://www.seeits.eu/Default.aspx

Yokota, T., Weiland, R., (2005) ITS System Architectures For Developing Countries, Technical Note 5, Transport and Urban Development Department, World Bank

Why you need an ITS Architecture?, 2011, Available at: http://www.frame-online.net

Mandžuka, S. (2010) "Inteligentni transportni sustavi 2." Zavod za inteligentne transportne sustave, Fakultet prometnih znanosti

Horvat, B., (2011), Directives of the European Union in the field of ITS, BSc Thesis, Faculty of Traffic Science, Zagreb.

Bićanić, D., (2012)Improving maintenance of telematics systems on motorways in Croatia, MSc thesis, Faculty of Traffic and Transport Sciences, Zagreb.

Bošnjak I., Mandžuka, S., Šimunović, Lj., (2011) Concept and Implementation of regional ITS Architecture, (in Croatian), V. Croatian Road Congress, Cavtat