TRANS EUROPEAN NORT –SOUTH MOTORWAY

Best practices in implementation of Road infrastructure Safety Management on TEM network

Palais de Nations, Geneva 14 April 2015
REPUBLIC OF CROATIA

Presentation of the Ministry of Maritime Affairs, Transport and Infrastructure Directorate for Transport Infrastructure and EU funds
1. Geographical and Transport position of the Republic of Croatia
2. Comprehensive network in the RoC
3. Road safety management system
5. RSA —
Geographical and transport position of the Republic Of Croatia
Comprehensive networks in the Republic of Croatia

- Roads: 29.547 km
- Railways: 2.726 km
- International Sea port: 6
- Inland waterways: 805.2 km
- Inland ports: 4
- Airports: 9
- Intermodal terminals: 3
Road safety management system TRAFFIC MANAGEMENT

- In line with the intensive construction of motorways in RoC modern Communication-Information System is being developed for the traffic control and management

- Transport – Information System (TIS)

- Remote operation and surveillance – in tunnels only

- Video surveillance on motorways

- Video detection system

- Toll collection system

- Emergency telephones

- Public address system in tunnels

- Radio broadcast system in tunnels
SERVICES ON MOTORWAYS

- 123 REST AREAS – every 20 km (12.48 miles) – both sides of motorway
- 76 FILLING STATIONS (gas) – every 29 km (18.10 miles)
  - 110 VMS (Variable Message Signs)
- 23 MAINTANCE AND TRAFFIC CONTROL CENTERS
- 80 WILD ANIMAL CROSSINGS (overpasses and underpasses)
- 90 CAFFE BARS, 18 RESTAURANTS, 8 HOTELS
SERVICES

110 VMS (Variable Message Signs)
- controled from maintenance and control centers
SERVICES
80 Wild Animal Crossings
TOLL COLLECTING

• Closed toll collection system – payable by cash, credit cards and electronic toll collection – ETC (special lanes)
• Open toll collection system (on engineering structures – bridges, tunnels and on shorter motorway sections) – toll station serves as both entry and exit station
NATIONAL LEGISLATION

-New Tansport Development Strategy of the Republic of Croatia adopted by the Croatian government and endorsed by the European Commission in 2014 - First approved a draft that has been developed

-Law on Road Traffic Safety in the remit of the Ministry of the Interior

-Road Act - under the Road Act is governed by TEM, RISM, ITS, management, maintenance and construction of public roads
In the ROAD ACT (2011) public roads are classified into 4 groups. Motorways and national roads are single transport units and the technical-technological unity. This Act provides management, construction and maintenance through a four-year plan adopted by the Croatian Government.
Division of Public Roads and jurisdiction:

- **Motorways** - 1 250,7km - Croatian motorways Company
- **State roads** – 6 819,7km - Croatian roads Company
- **County roads** – 10 867,4km - County Road Departments
- **Local roads** – 10 297,2km - County Road Departments

**Total:** 29 235 km
MOTORWAYS IN THE REPUBLIC OF CROATIA NETWORK AND CONCESSIONAIRES

Key:

- HUKA: Concessionaire
- Motorways: A1, A3, A5
- Status of construction: In service, In construction, In project
- Km in service:
  - In service: 868
  - In construction: 181.7
  - In project: 141
  - Total in service: November 2011 - 1250.7
UNCLASSIFIED ROADS

• over 30 000 km are managed, built and maintained by local authorities
ROAD ACT

• Supervision over the implementation - Ministry of Maritime Affairs, Transport and Infrastructure
This Act arrange:

• Inspection tasks of control of activities is carried out by the Inspection of road transport
• use of road land
• toll road
• Managing of the Public Roads
• Concesions
• Measures for protection
Act on Road Traffic Safety (2008) with amendments

- regulates the safety of traffic on roads
- monitoring traffic on the roads
- behavior of participants and other entities in traffic on the road
- basic conditions to be met with regard to road traffic safety
- system of traffic signs and signs that give the authorized person
- Rules of the Road Traffic
NUMBER OF PEOPLE KILLED 1994-2010
Number of fatalities per 100 000 inhabitants
1994-2010
IMPLEMENTATION OF EUROPEAN AND WORLD TRENDS IN NATIONAL PROGRAM

• The European Commission adopted in July 2010, 4th Program of Action for Road Safety for the period 2011 - 2020, which should be the framework for upgrade national Transport Development Strategy
In view of Croatian membership in the European Union as of 2013, the Croatian Government adopted the National Programme for Road Safety 2011-2020 in 2011, in which are embedded frameworks and objectives outlined in the 4th European Union Program of Action, also in accordance with the Moscow Declaration and the UN Declaration 62/244.
Thank you for your attention!

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