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# **ROADS AND MOTORWAYS IN CROATIA**

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# **FINANCING OF PROJECTS**



# Road network



Currently:

(Decision – Classification of public roads – built and planned to be built until 2016)

**Motorways** - 1.413,10 km - Croatian motorways Company

**State roads** – 6.867,70 km - Croatian roads Company

**County roads** – 9.703,40 km - County Road Departments

**Local roads** – 8.979,70 km - County Road Departments

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**Total:** **26.963,90 km**

**Unclassified roads** – over 30.000,00 km – managed, built and maintained by local authorities.



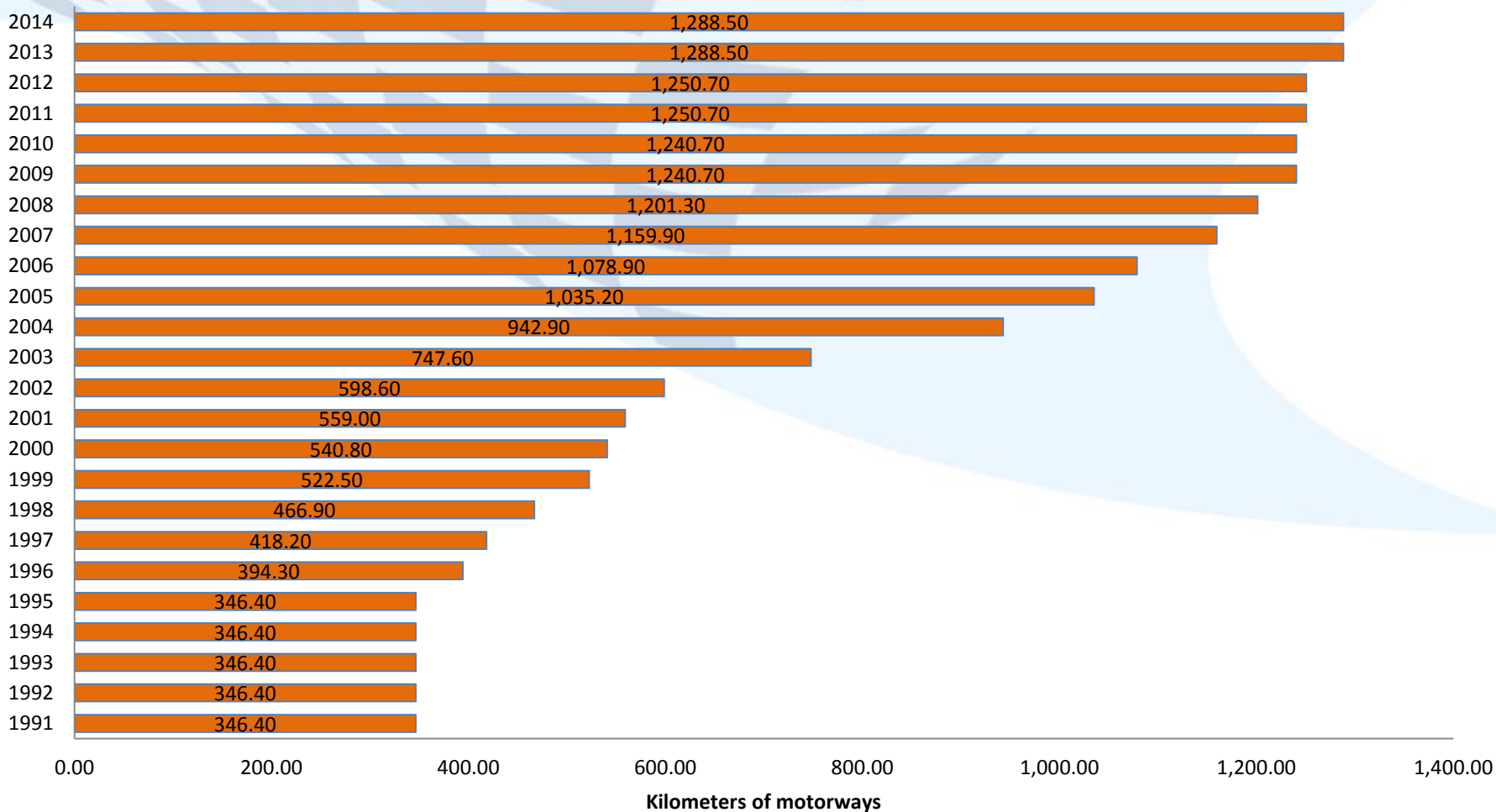
# Road act – sources of financing

- 1) The annual fee for the use of public roads, which is payable on registration of motor vehicles and trailers
- 2) The tolls for the use of motorways and tolled structure (bridge, tunnel, viaduct etc.)
- 3) fees for the use of public road motor vehicles and trailer vehicles registered outside the Croatia,
- 4) The fee for special transport,
- 5) fee for excessive use,
- 6) user fees,
- 7) The fee for the road land,
- 8) The fee for performing roadside services,
- 9) concession fees,
- 10) State budget funds,
- 11) fee for construction and maintenance of public roads,
- 12) fee to establish the right to build on a public road,
- 13) other sources.



# Construction of motorways – 1991 - 2014

## Kilometers of motorway built by year



# Projects before accessing the EU

## AUTOCESTE U REPUBLICI HRVATSKOJ

MREŽA I KONCESIONARI			
KONCESIONAR	AUTOCESTE	OZNAKE IZGRADENOSTI	KM U PROMETU
HRVATSKE AUTOCESTE d.o.o.		U PROMETU U IZGRADNJI U PLANIRANJU	900,5
AUTOCESTA RIJEKA ZAGREB d.d.			187
BINA ISTRA d.d.			141
AUTOCESTA ZAGREB MACELJ d.o.o.			60
<b>UKUPNO U PROMETU 31.12.2013.</b>			<b>1.288,5</b>

Dijelom autoceste A1 od Bosiljeva do Zagreba upravlja ARZ d.d.



- Before 1991 – Motorways were built mostly from State budget
- Big expansion in motorways construction (1995-2010)
- Mostly built by loans and state budget
- Some sections are built, maintained and operated by concessionaires (around 200 km)
- Problems:
- Not all project documentation was done according the EU regulations
- Loans
- Concessions
- Seasonal traffic
- Economic crisis

# Projects before accessing the EU

## TUNNEL „UČKA”

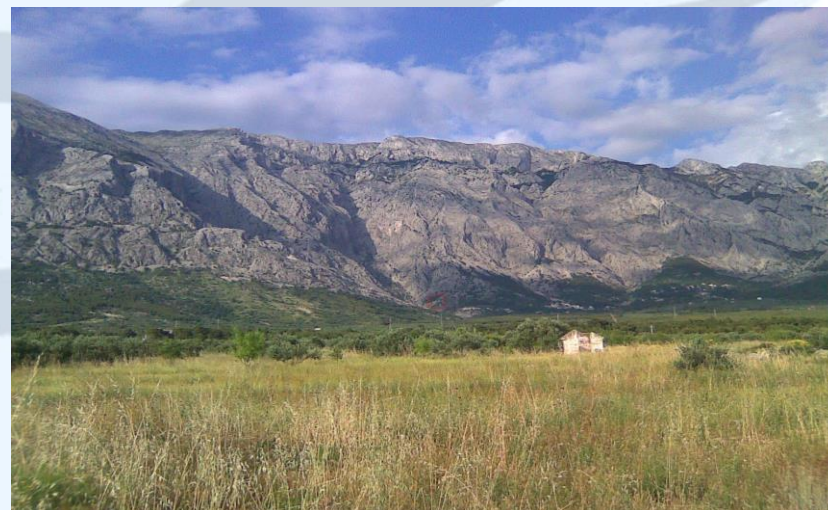
- 5.062 m long
- Completed in 1981 (built from 1976-1978)
- 1 Carriageway – 9,1 m
- Financed from State budget, commercial loans and „people loan” (contribution from salaries)
- Water sources for nearby town of Opatija
- Plans for construction of second tube – currently finishing design documents (Concessionaire – own sources of financing)



# Projects before accessing the EU

## “Sv. Ilija” – A1 to D8 state road

- 4.249 m long
- Completed in 2013
- Financed from State budget and commercial loans
- Deepest tunnel in Croatia
- 1.336 m overlayer
- 1 Carriageway – 7,7 m + service tube



# Projects before accessing the EU



## “DRAVA” BRIDGE – A5

- Located on corridor Vc
- Currently under construction – completion in 2016/2017
- Financed through commercial loans and state budget
- composite-beam cable-stayed bridge designed as a semi-prefabricated structure.
- 2.507 m long
- Pylons are 75 m high





# Projects after accessing the EU

- Croatia entered EU on 01.07.2013
- Transport Operational Programme was made for financing period 2007-2013 (describes main priorities of transport sector)
- Operational Programme Competitiveness and Cohesion 2014-2020
- Motorway are not priority in this periods, but some sections are planned to be financed through EU funds
- According the TOP, OPCC and the Transport strategy, the some of the goals for this periods will be increase in road safety (including the construction of bypasses), better connections to the islands, last mile connections to the airports and ports, ITS and cross border sections to the neighbouring countries
- Projects are planned to be financed through different EU funds (co-financing rate will be different, but it can go up to 85%)



# Projects after accessing the EU

Project: Construction of a bridge over Sava near Svilaj between Croatia and Bosnia and Herzegovina

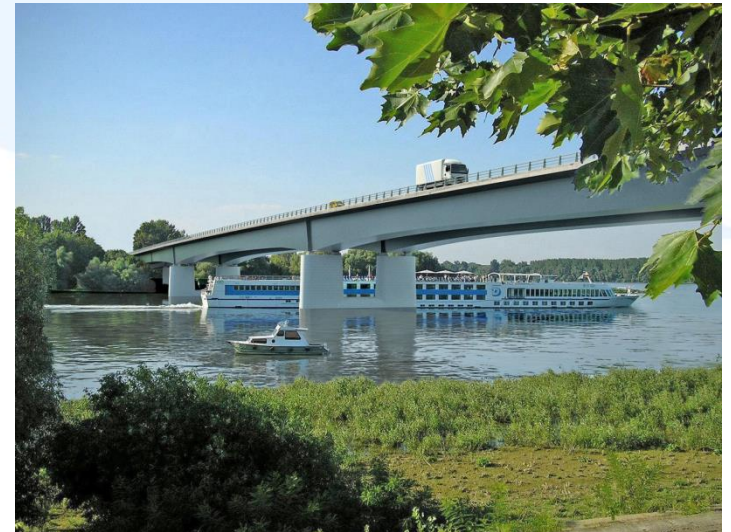
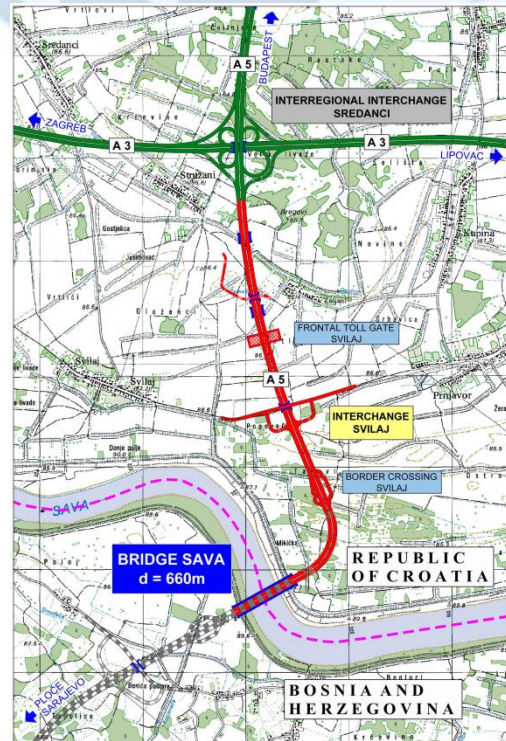
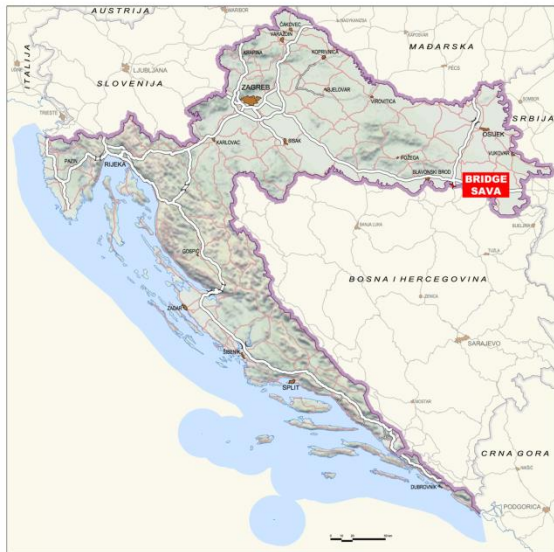
Construction costs: HRK 197,600,000 / € 26 Mil

Croatian part is planning to be financed through CEF (€ 13 Mil)

Joined financing by Croatia and B&H (50:50)

Position: Border RC – B&H on pan-European corridor Vc

BELI MANASTIR - OSIJEK - SVILAJ MOTORWAY - A5  
SREDANCI - BORDER OF BOSNIA AND HERZEGOVINA SECTION  
BRIDGE "SAVA"



Republika Hrvatska

MINISTARSTVO POMORSTVA, PROMETA I INFRASTRUKTURE

# Projects after accessing the EU



Project: Construction of a bridge between mainland and Island of Čiovo

Construction costs: HRK 220,000,000 / € 30 Mil

Financing is going through EU funds with co-financing rate of 85% (public road without tolling)



# Projects after accessing the EU

Project: Ploče seaport gateway and the town of Ploče  
Reconstruction of the high speed road and construction of a link road to Ploče seaport and town  
Construction costs: HRK 58,200,000 / € 7,66 Mil  
Financing is going through EU funds with co-financing rate of 85%



# Conclusion

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Motorways/Roads system are very developed in Croatia but the secondary and tertiary (state and county) roads need further development

past: most of the projects were built by commercial loans and state budget

future: most of the projects are going to be prepared according the EU regulations and are planned to be financed through EU funds

## QUESTIONS?



**Thank you for your attention!**

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