



# **The Balkan: EAST – WEST CONNECTION**

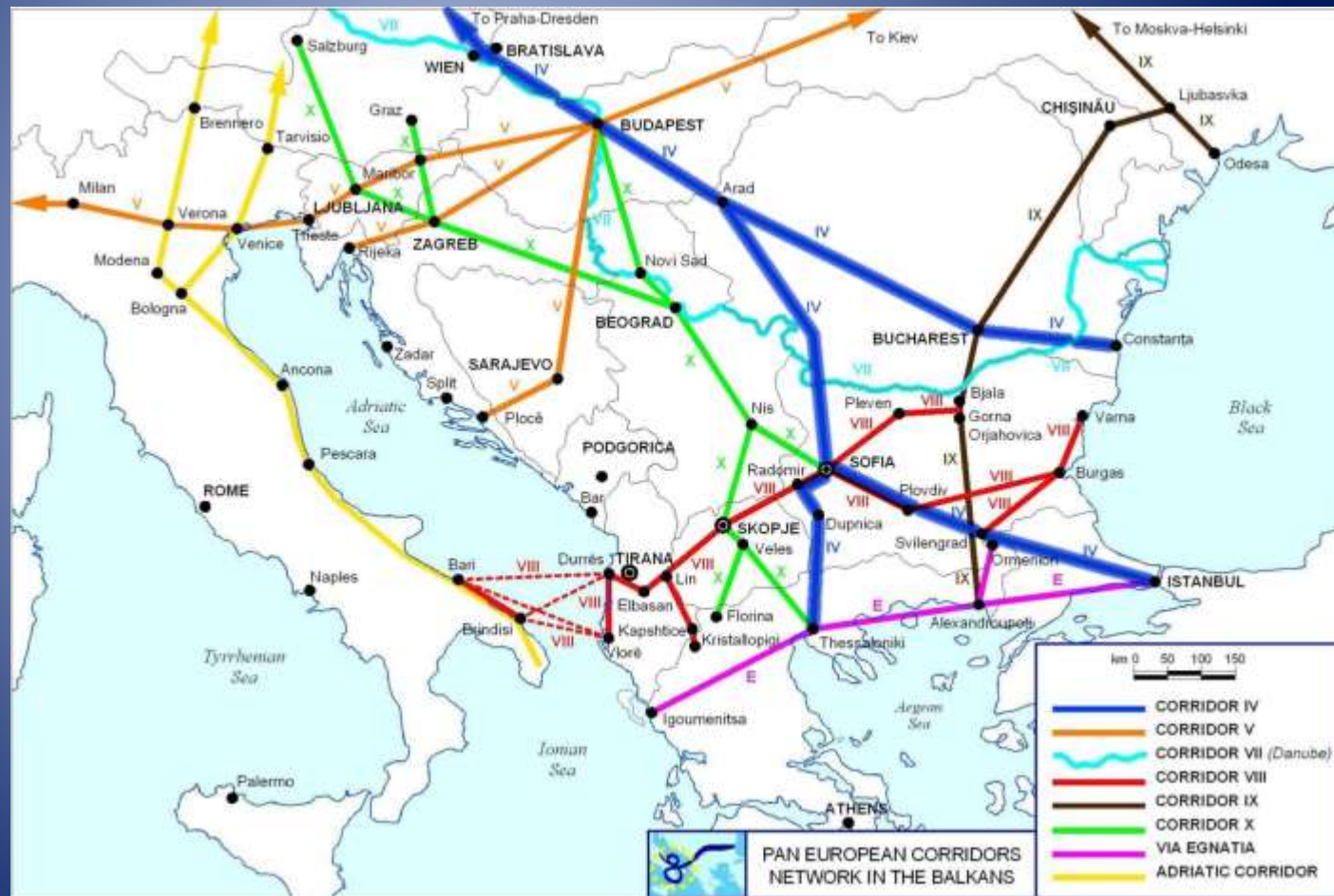
## **Road infrastructure potentials of Corridor X and its surrounding**

Dušan Mladenović, PhD



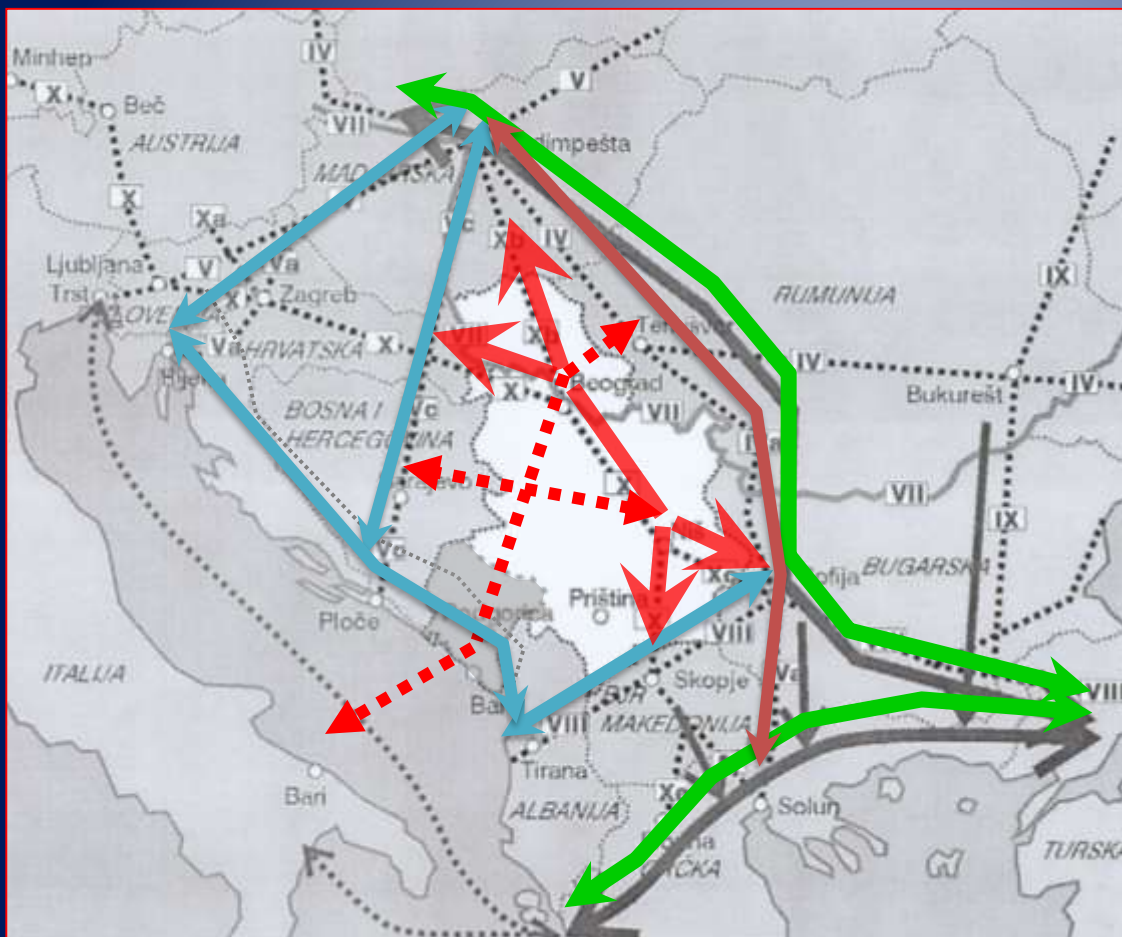
## Pan-european Corridors

Pan-European corridors which are connecting EAST and WEST countries





## Reality before 2013



EU has defined its priority axes that run parallel with Corridor 10 in Serbia. The neighbouring countries construct speedily the infrastructure network in the close vicinity.

Road transit transport on Corridor 10 has stagnated, and an increasing trend is recorded only on the directions east-west and northeast-southwest.





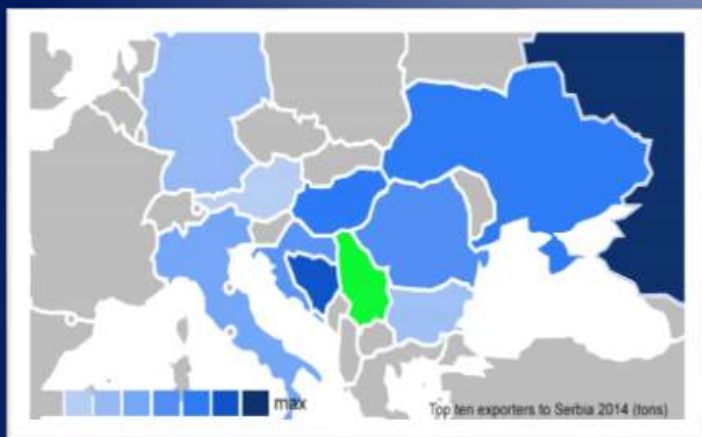
## Priority Projects of the EU Road Network 2005

After 2005  
European Union  
hasn't been  
planning any  
activities on  
connecting with  
SEE or WB (*TEN-T  
Priorities 2005*)

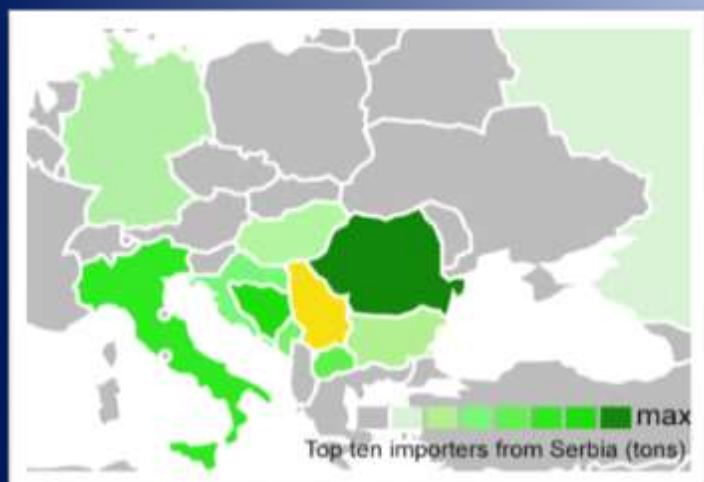




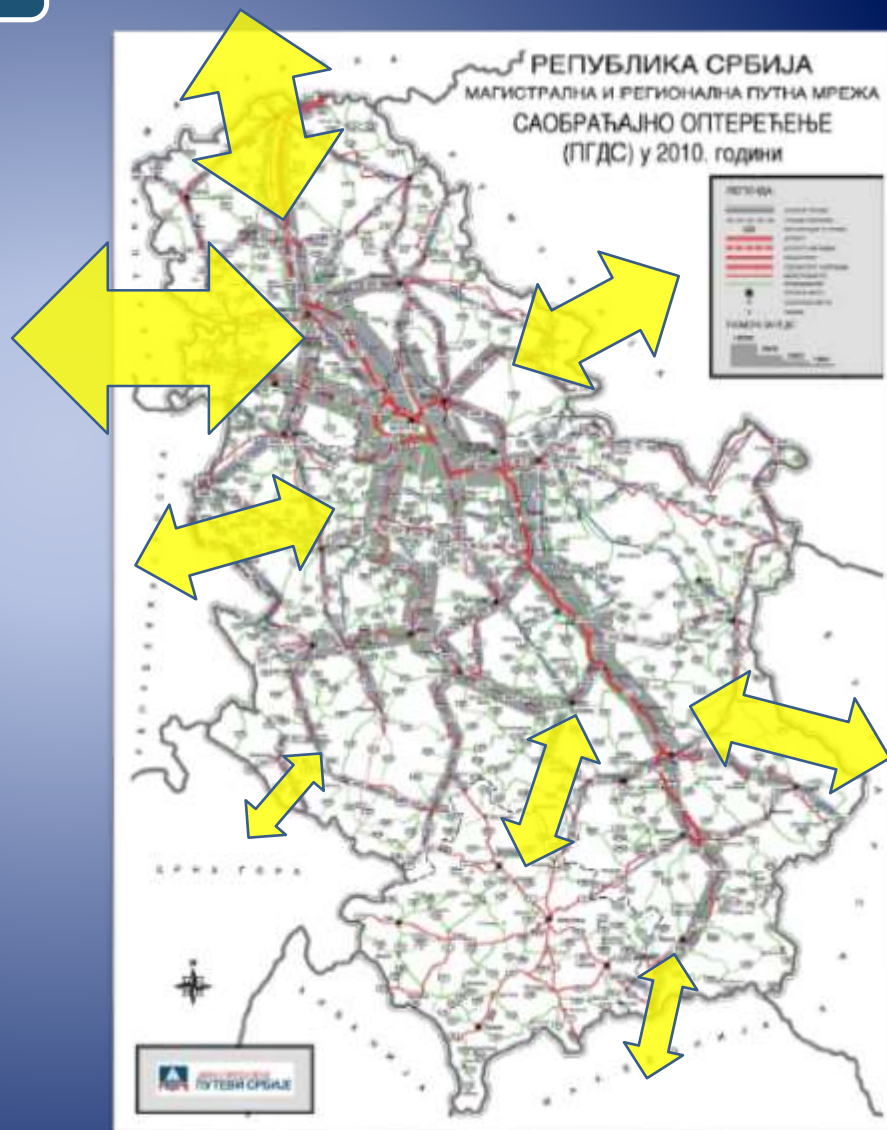
## Volumes of trade, transport and traffic



Top 10 exporters to Serbia



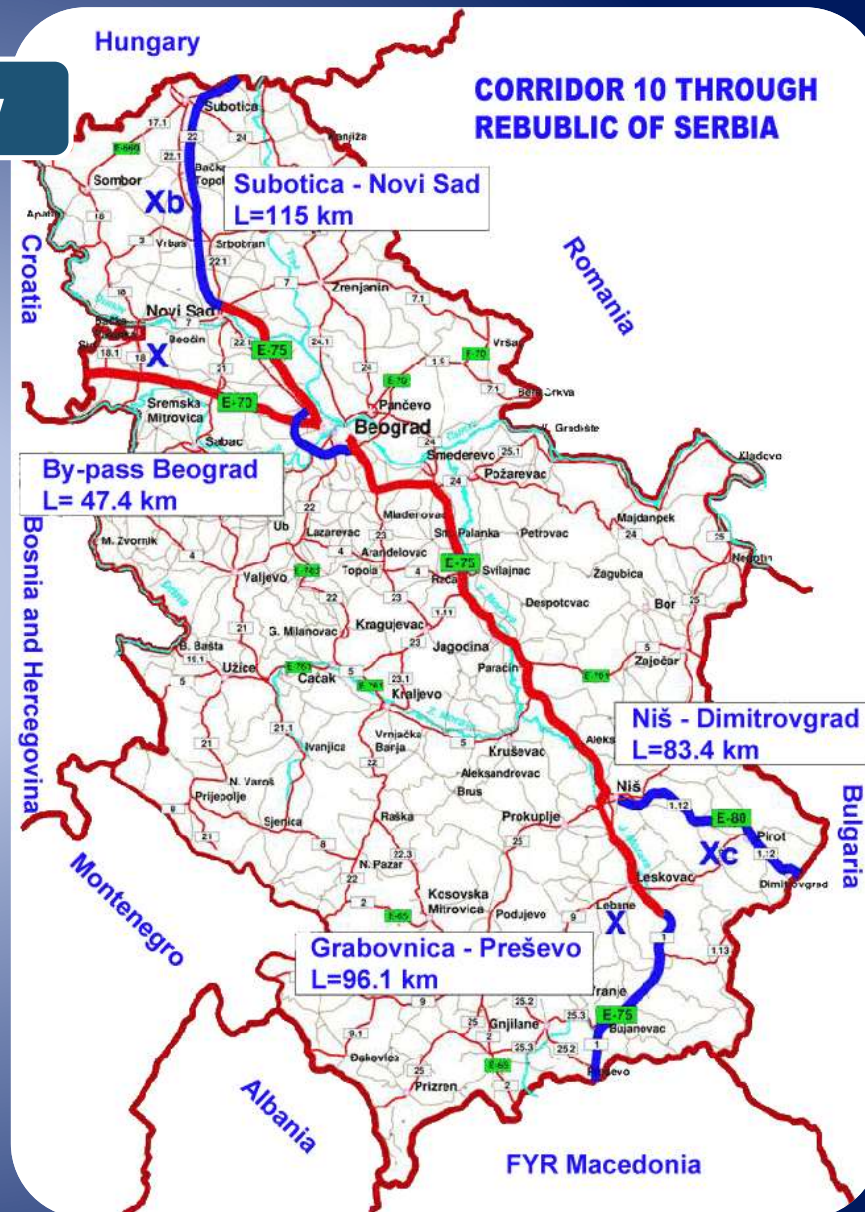
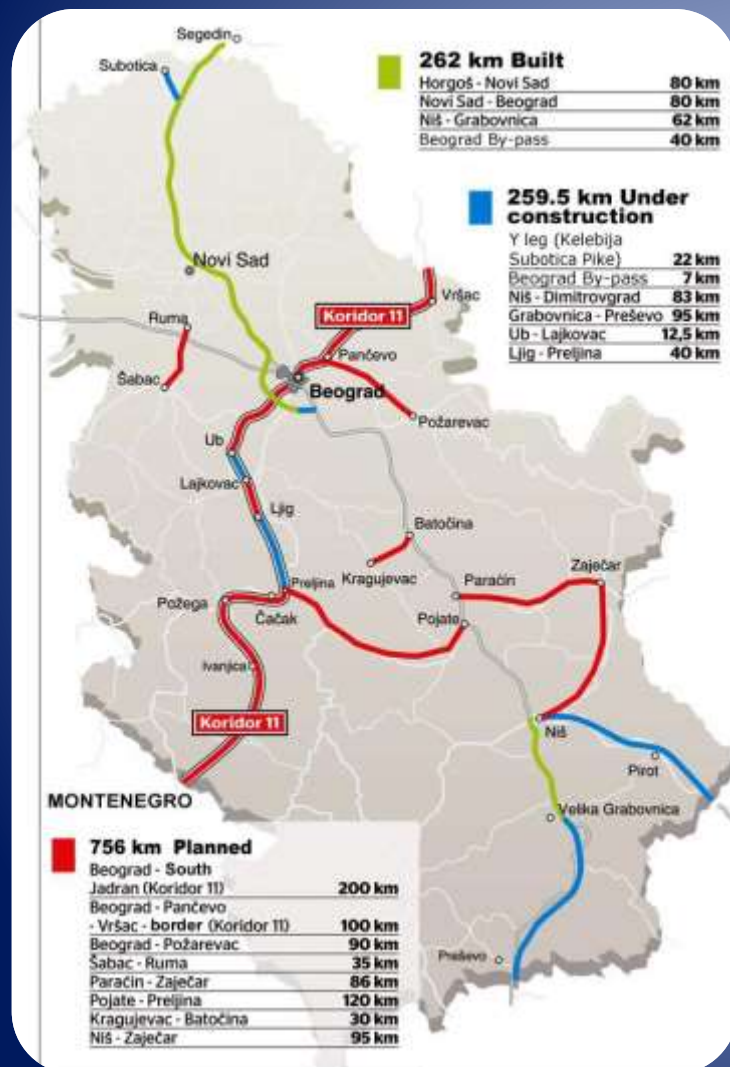
Top 10 importers from Serbia







## Improvement of Serbian infrastructure capacity





## Potentials of regional road network

Investing in road transport network will rise capacity and shorten the travel time, bring higher level of services and less traffic accidents. Also, for local companies and industry, availability and access to the network are of great significance.

### Issues:

- Encourage national authorities to interconnect through stronger cooperation
- Improvement and harmonization of regional transport policies and technical standards;
- Integration of regional network development in wider Trans European Network Framework (TEN-T);
- Improving cross-border cooperation and usage of best practice and implementation of “Soft measures” to avoid waiting times and losses.





## Reality from 2014 – Extension TEN-T to WB



Indicative extension of TEN-T network to Western Balkan

Branch of Mediterranean Corridor (Ljubljana-Belgrade)

Branch of Orient - East Med Corridor (Budapest – Belgrade, Belgrade to Bar; Belgrade to Thessaloniki)



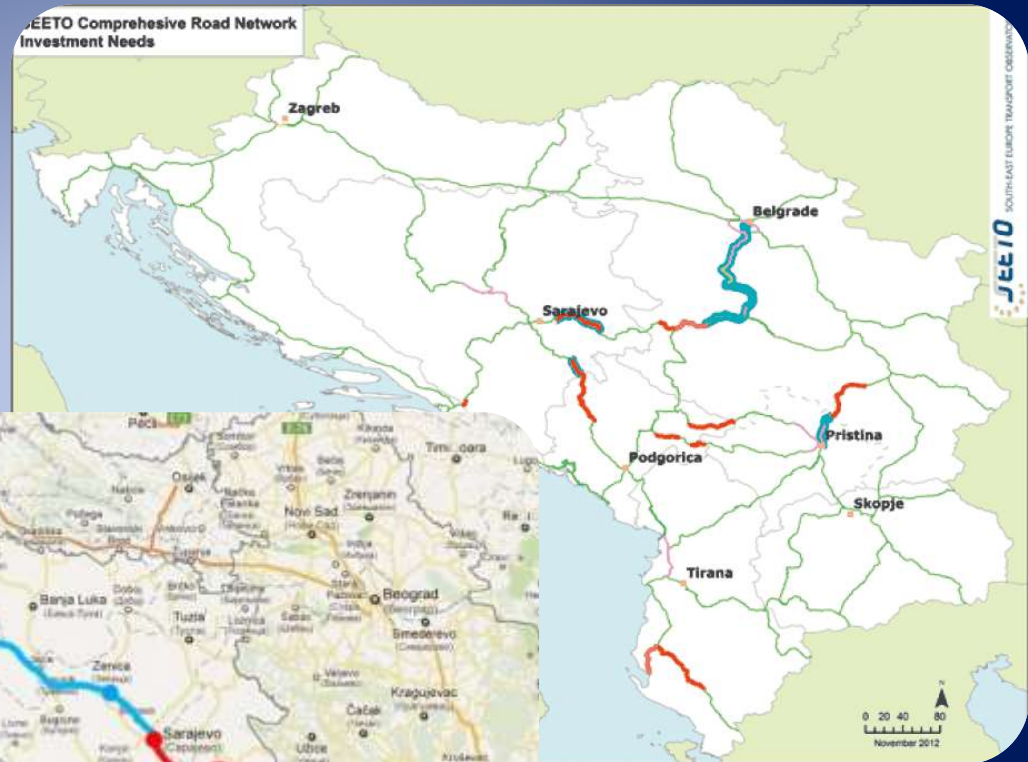
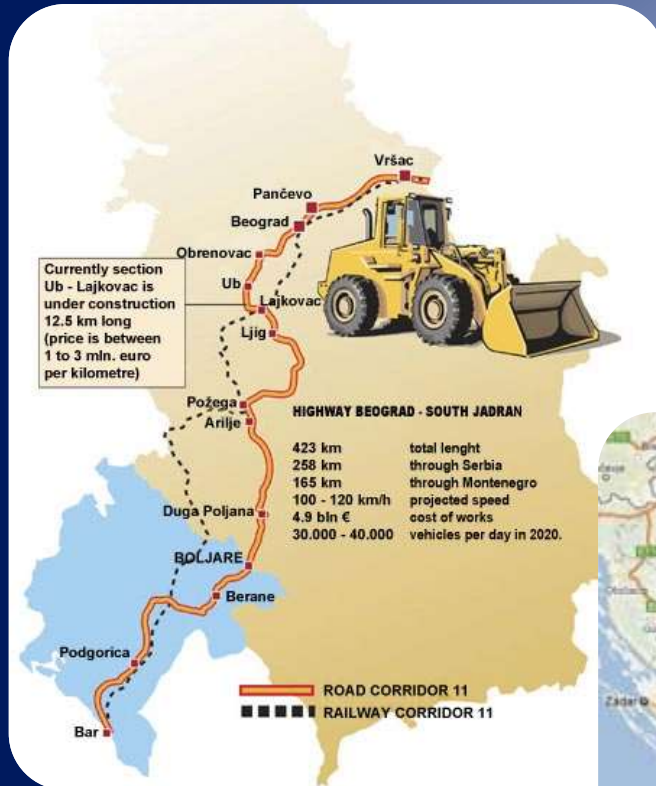


## Priority projects – Roads 2018 (SEETO)





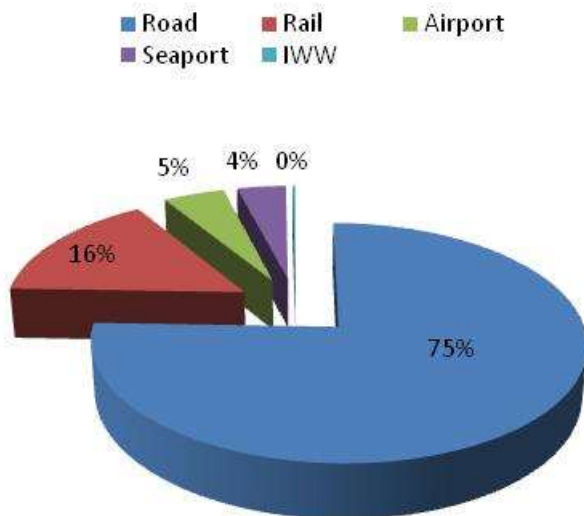
## Regional connectivity development (examples)





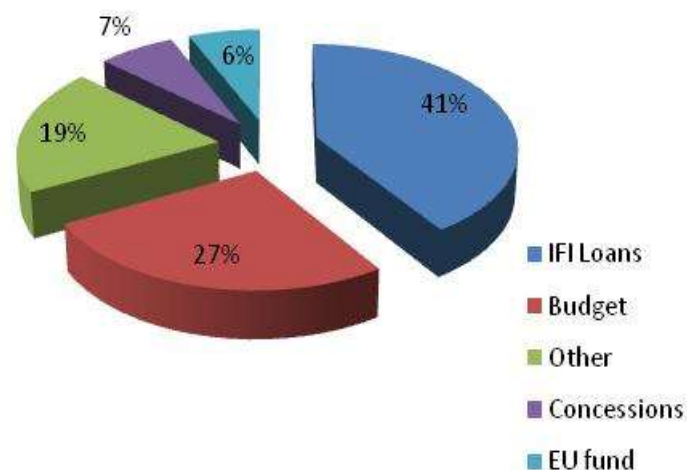
## Investment in transport infrastructure (by SEETO)

SEETO Comprehensive Network  
investments per transport mode



**€ 9.9 billion** total investments in Road transport network since 2004 (SEETO)

SEETO Comprehensive Network  
project investments per source of  
funding

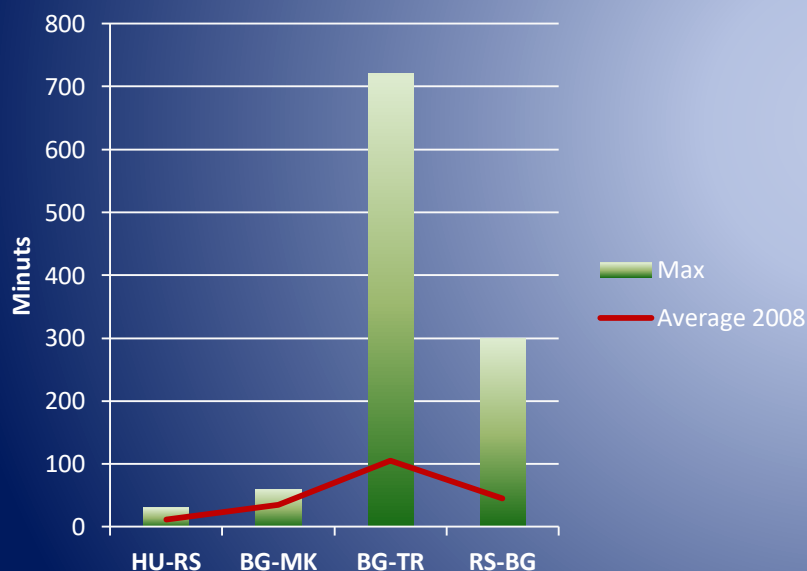






## Waiting time at border crossings

Examples of waiting time on border-crossings



## to distinguish:

- Waiting of trucks on customs precedures (average less then two hours)
- Waiting on inspections + waiting in line, can be more than 12 hours (total time lost on borders)





## Soft measures – simplified example

Reconstruction of 100 km road section	time (min)	length (km)	speed (km/h)	.
old road	100	100	60	
new road	67	100	90	target!
	33 minutes time saving			
Construction cost: minimum € 100 million.				

### What we can:

- Use of EDI and electronic documents (e.g. TIR-EPD, e-CMR)
- Cross-border cooperations (establishing common rules and agreements – under the framework of trade agreements or in particular transport treaty)
- Risk-based inspections
- Provide the “Single window” (linking not only traders and customs, but all involved)
- Combined measures (organisational + new technology) e.g. TIR-EPD Green Lanes

Extending working time of inspection	average waiting (hours)	working time (hours)	number of employees	.
old situation	6	8	2	
new situation	1	24	6	
	300 minutes time saving			
	Implementation cost:			
	Project and implementation: € 100.000			
	Additional 4 employees: € 10.000			
	Additional equipment: € 200.000			
	Total cost:	€ 310.000		

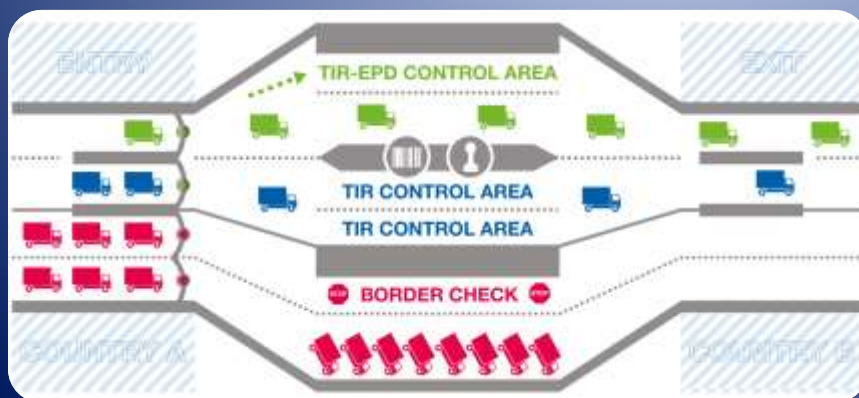


## Acceleration of Vehicle Flow



Dedicating separate lanes for vehicles with Electronic pre-declaration and e-documents:

- Waiting times reduced a lot
  - High financial savings to customs authorities
  - Higher efficiency in risk assessment
  - Ensures and facilitates international trade
- (Examples: e-CMR, TIR-EPD)







## How to achieve improvements



Balkan peninsula is covered by two EU Macro-Regional Strategies, for

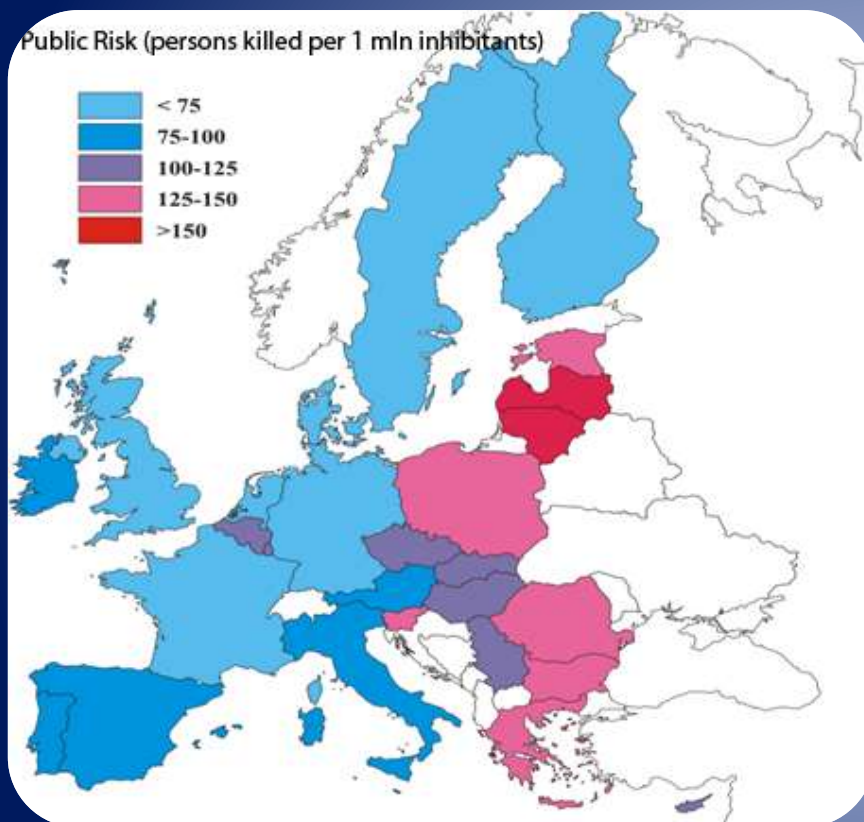
- Danube Region
- Adriatic-Ionian Region

Recently signed and ratified  
Transport Community Treaty of  
WB6  
Secretariat is expected to start  
working in 2019.

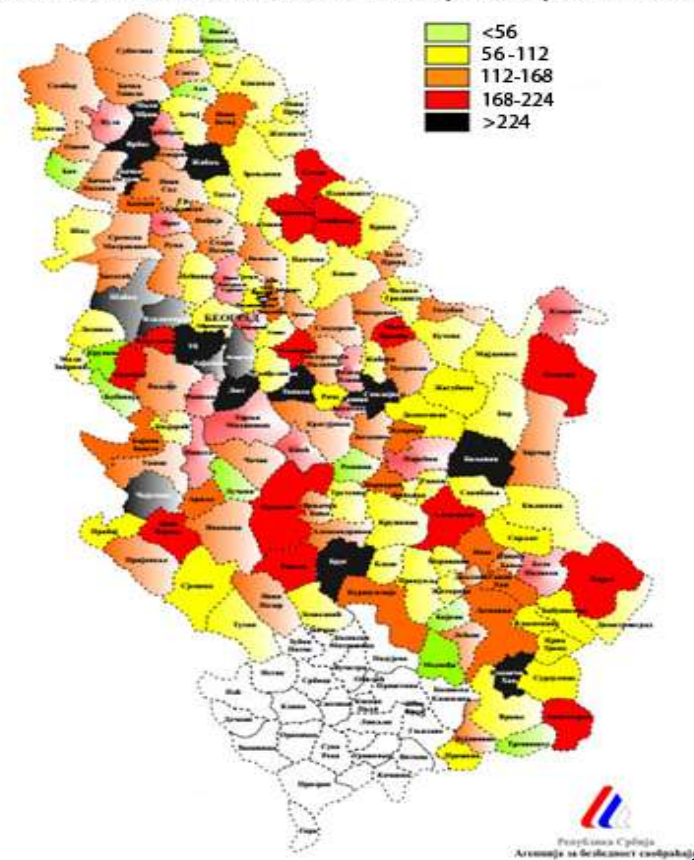


## Traffic safety

Public Risk (persons killed per 1 mln inhabitants)



Public Risk of traffic accidents in Serbia, by municipalities 2010





Thank you for your attention!

[dusan.mladenovic.62@gmail.com](mailto:dusan.mladenovic.62@gmail.com)