



VELO-CITY 2013  
THE SOUND OF CYCLING  
URBAN CYCLING CULTURES  
VIENNA, JUNE 11 - 14

# The Bicycle Boom in Serbia

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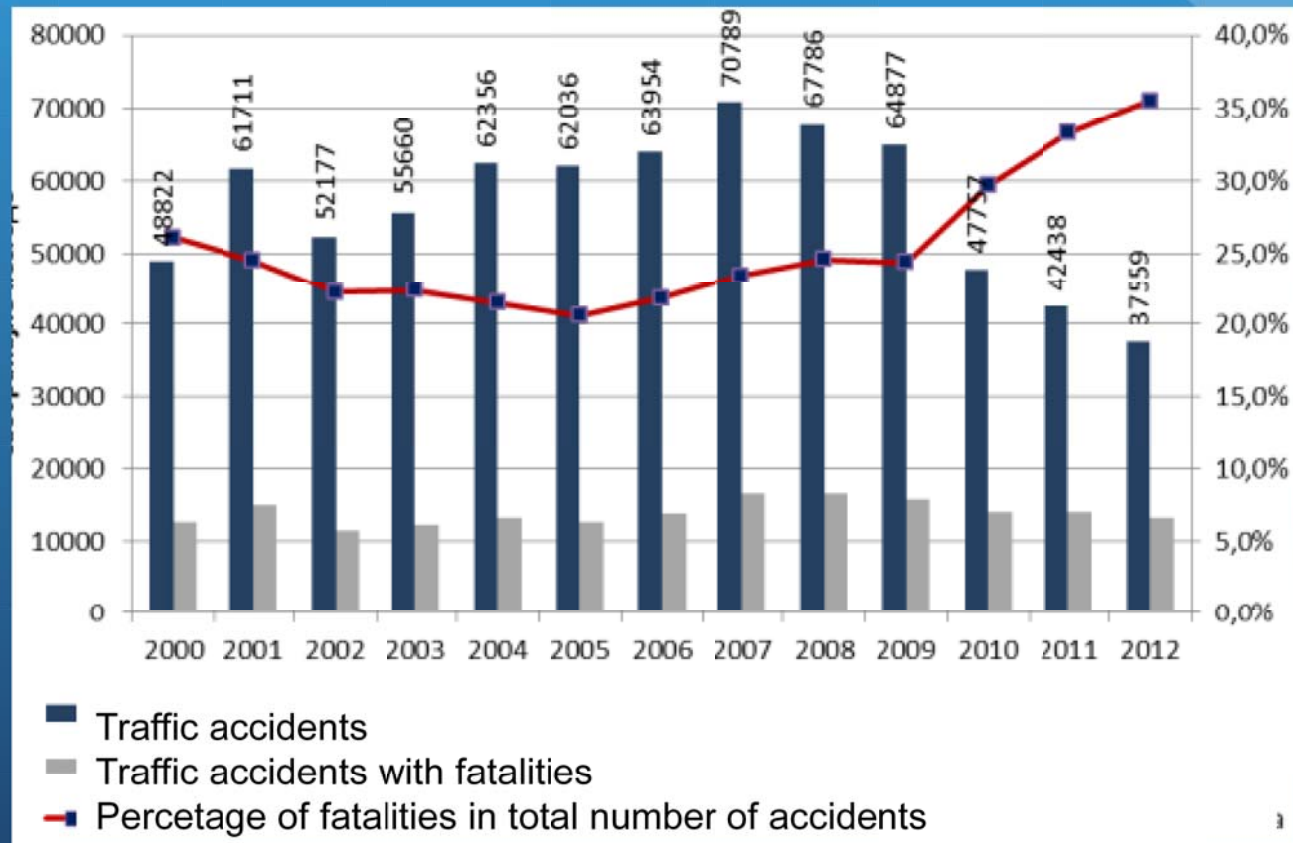
# Content

- Cycling in Serbia in general
- Cycling in Serbia in planning documents
- New development in cities (Belgrade, Novi Sad, Subotica)
- Recent projects
- Serbia in Euro Velo concept
- New wave - initiatives by NGOs

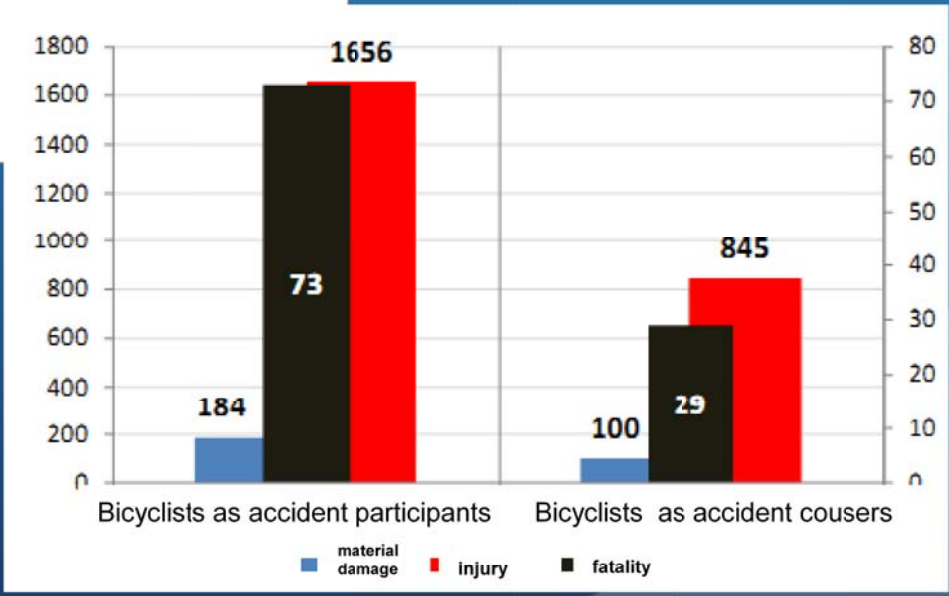
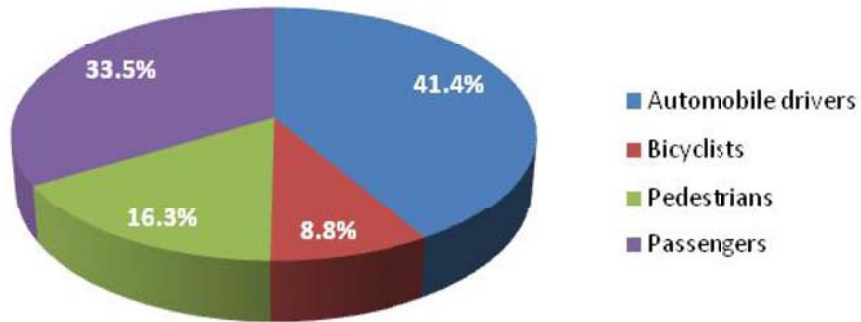
# Cycling in Serbia in general

- Bicycles almost forgotten in last 30-40 years
- Only the north part of Serbia, Vojvodina has traditionally cyclists on its roads/streets due to flat terrain
- Other parts of Serbia - bicycles were hardly used
- In the last decade bicycles traffic has grown considerably although there is not statistical evidence to support it
- Unfortunately, only accidents record have shown increase (479 death cyclists and more than 11.000 injured in last six years in Serbia)

# Traffic accidents in Serbia 2000-2012



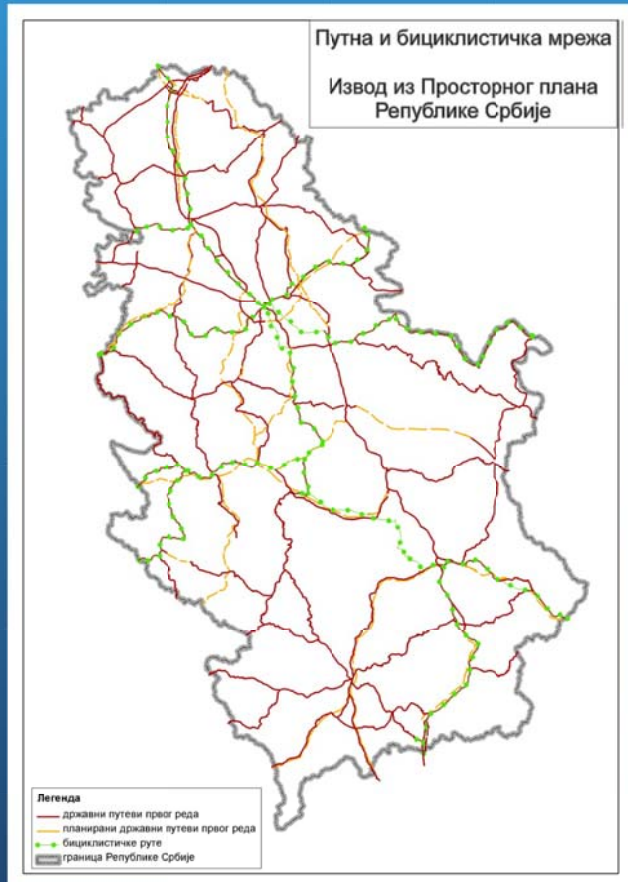
# Traffic accidents with bicycles - 2012



# Cycling infrastructure in planning documents

- Spatial Plan of Serbia
- Infrastructure corridor of E-75
- Master Plan of Belgrade
- Many other documents
- Many local authorities have adopted urban/transport plans with infrastructure for cyclist
- New tendency in developing infrastructure for cycle - tourism (Euro Velo Routes as a generator)

# Spatial Plan of Serbia - 2010.



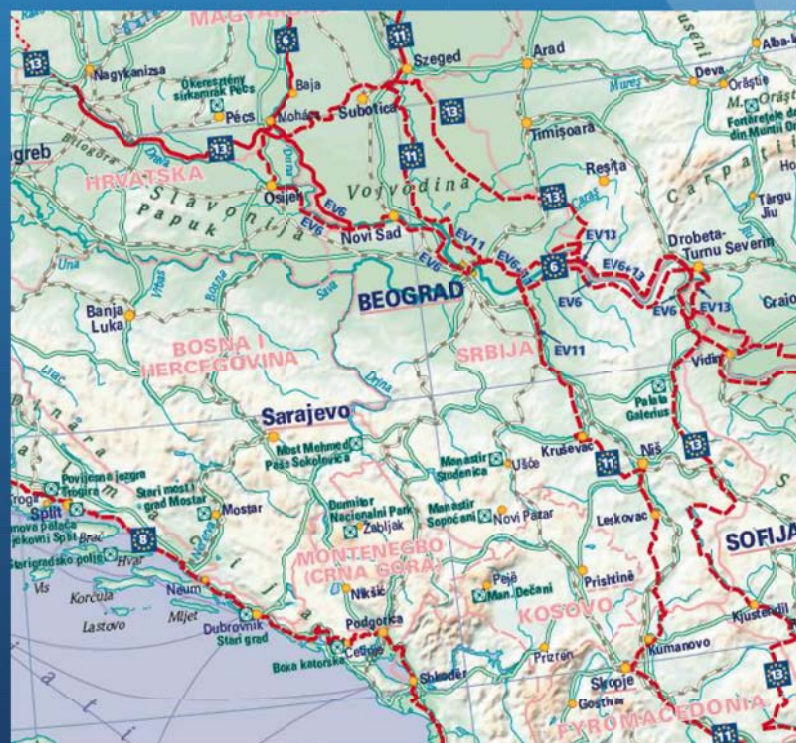
- First time bicycles in SP
- Total length – cca. 1200 km
- Project for further elaboration of this network, one of the first priority projects

# Euro Velo Routes in Serbia

Euro Velo 6 – Danube route

Euro Velo 11 – East Europe Route

Euro Velo 13 – Iron Curtain Trail





# Euro Velo 13 - Iron Curtain Trail

## A ride through European History



from the Barents Sea to the Black Sea

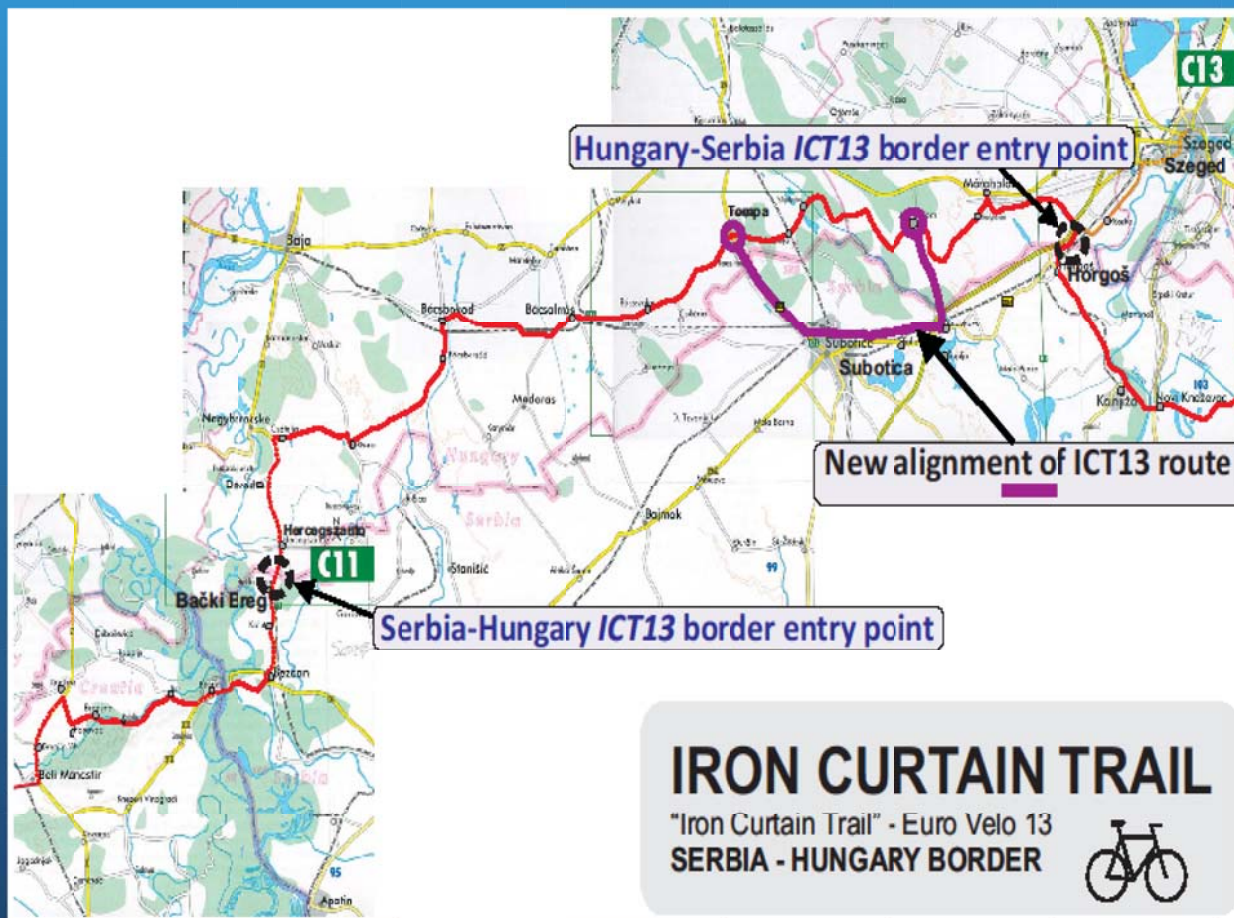
- Along the Western border of the former Warsaw Pact states
- Approximately 9,000 kilometers
- Through 20 countries, 14 of which are now EU Member States

# Euro Velo 13



1. Improve the accessibility of the SEE regions by bicycle.
2. Connect cycling and public transport opportunities. Cycling can help to improve the traffic, by increasing the catchment / gravitation area of the public transport lines by making them accessible faster and easier.
3. To connect SEE regions by a European long distance cycle route.
4. Promote cycling and combined sustainable transportation as a means of sustainable mobility. To increase the share of cycling and Public Transport
5. The ICT project will significantly improve knowledge, experiences of the leading regional development bodies and the relevant NGO`s in the program area and will lay down the basics of the future cooperation.

# EV 13 - Border between SER - HU



Iron Curtain Trail

cca 100 km

## IRON CURTAIN TRAIL

"Iron Curtain Trail" - Euro Velo 13  
SERBIA - HUNGARY BORDER

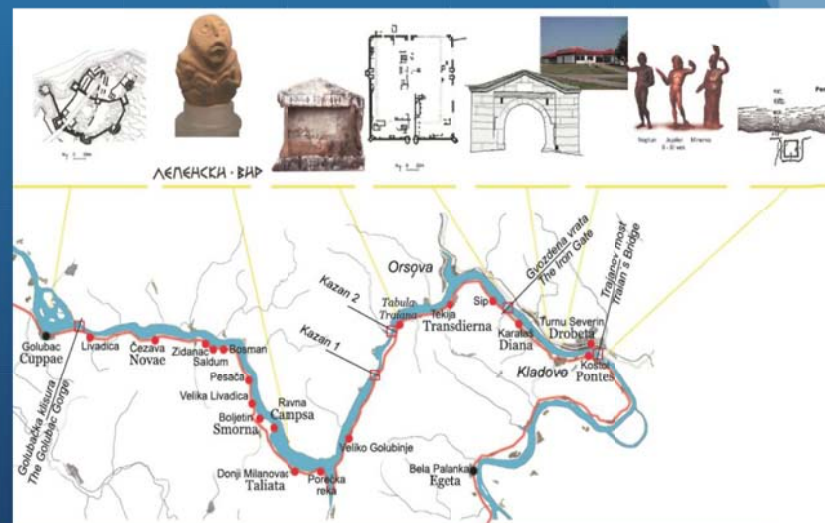


# EV 13 - Border between SER - RO

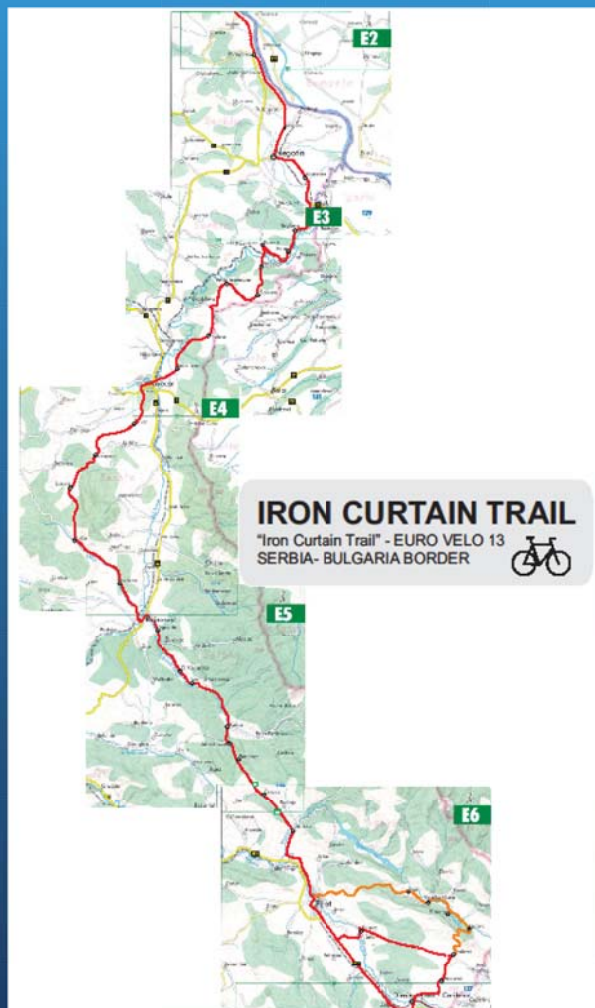


Total length 350 km

Partly parallel with EV6



# Border between SER - BG



Length cca 250 km

Only couple of border crossings



Serbia: War Monument in Halovo

# Message of EV13 - Iron Curtain Trail



**Enjoy**

**but**

**don't forget**

# Example of signposting in Serbia



	<b>Novi Kneževac</b> <b>Kikinda</b>	<b>28,0 km</b> <b>12,7 km</b>
identifikacioni broj: <b>1350</b>	Na narednih 5km asfalt je lošiji, potom sledi deonica sa novim asfalom. Ruta se primiče granici na 500m. At next 5km asphalt is of worse quality, then there is part with new asphalt. The route goes 500m from the border.	

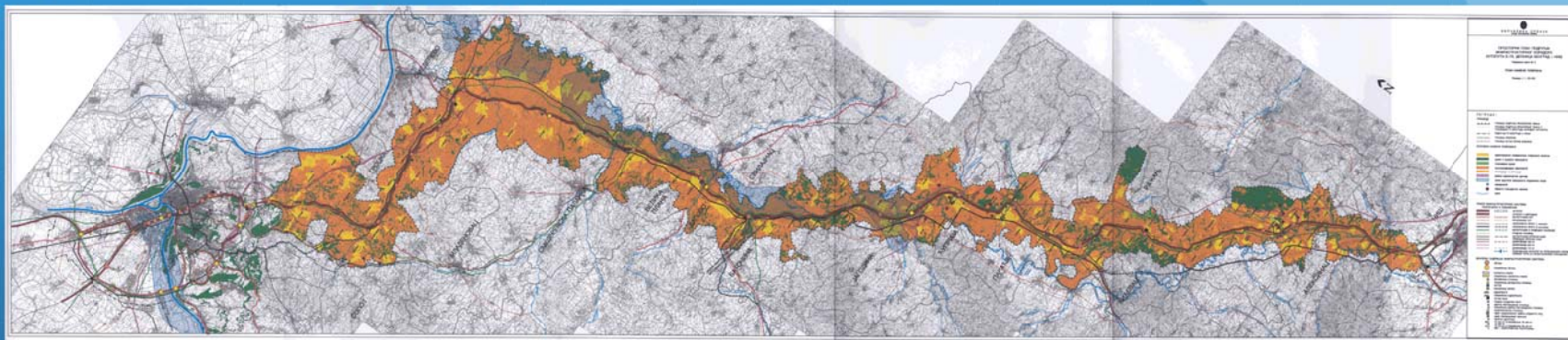
  

	<b>Novi Kneževac</b> <b>Kikinda</b>	<b>28,0 km</b> <b>12,7 km</b>	
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<b>Good bye</b> You are leaving Serbia. Don't cry because it's over - smile because it happened :) We wish you nice rolling in beautiful Bulgaria.		<b>Doviđenja</b> Napuštate Srbiju. Ne plačite zato što je prošlo - radujte se što se desilo :) Želimo vam prijatno kotrljanje u divnoj Bugarskoj.
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# Spatial Plan of Infrastructure Corridor X



**EUROVELO**  
THE EUROPEAN CYCLE ROUTE NETWORK



„EAST EUROPE“ ROUTE No. 11



KÖZLEKEDÉS

APRIL 1999



**YUGOSLAVIA (Map 5)**

**Generalities**  
EuroVelo® 11 leaves Hungary on the banks of the river Tisza and follows the river till Belgrade, where it meets routes 11 and 4. From here EuroVelo® 11 turns south and follows the rivers Vel Morava and later Južna Morava till the macedonian border.

**Suggestion**

- 1. section: Senta - Zrenjanin - Beograd : 211km

**Technical Facts:**  
1.A. Hungary (H:YU border) - Senta - Bečaj - Zrenjanin : 139km  
- „on surfaced road“  
1.B. Zrenjanin - Centa - Beograd : 72km  
- „on surfaced road“

**2. section: Beograd - Susederovo - Kruševac : 202km**

**Technical Facts:**  
2.A. Beograd - Pančevo - Kovin - Vrnovo : 75km

**Belgrad**

- „on surfaced road“
- 2.B. Vrnovo - Jagodina - Obrel - Kruševac : 127km
- „on surfaced road“

**Landscape description:**  
- Bečaj  
- Beograd Old Town

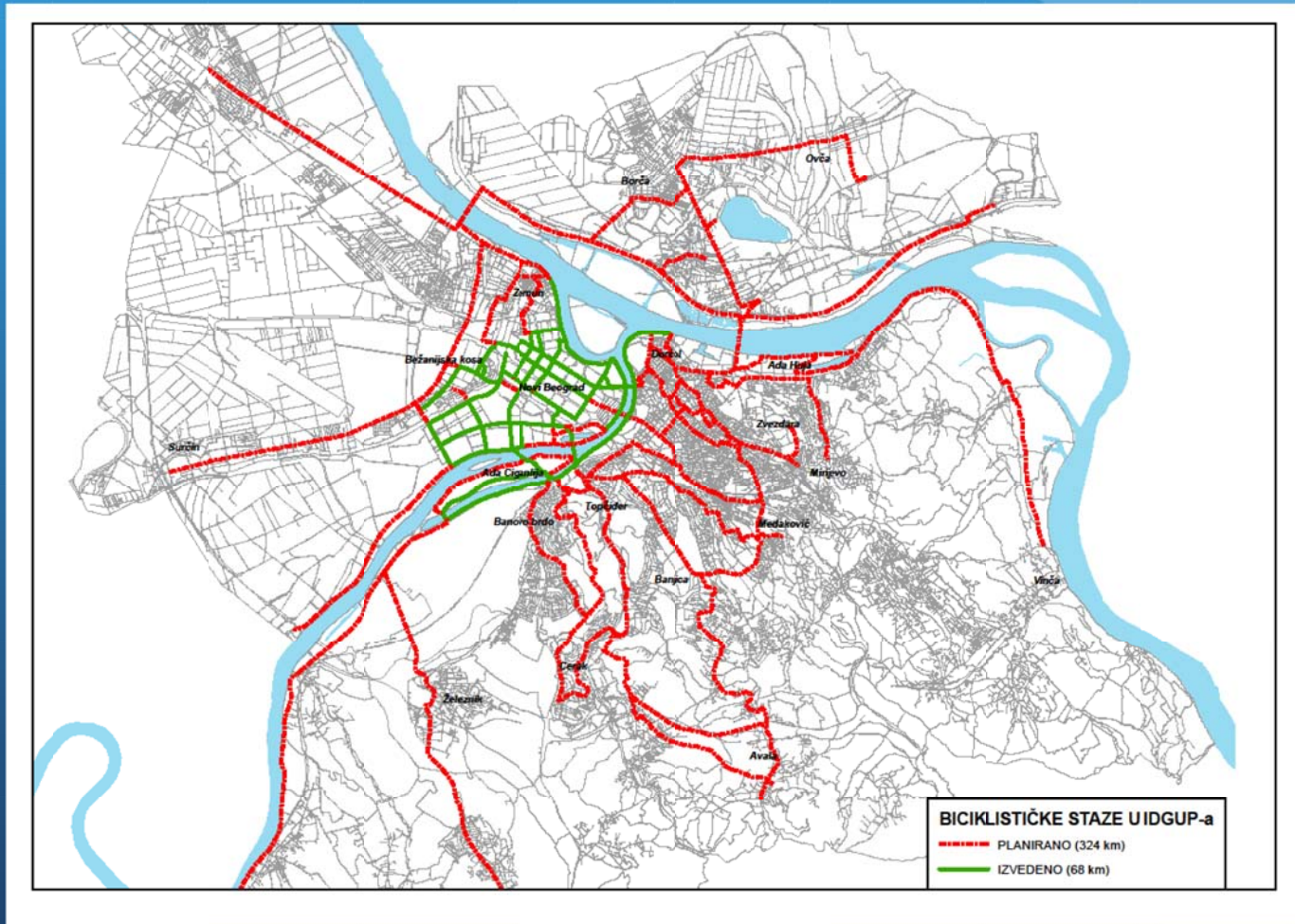
**Nis**

## Euro Velo 11 in Serbia

- E-75 road from Belgrade to Nis
- Plan was adopted in 2003.
- Euro Velo Routes first time in an official Serbian document



# Belgrade Master Urban Plan 2021



Plan – 324 km, Realized – 68 km

# Main characteristics of traffic in Belgrade

- Typical mono centric urban structure with radial road network in traditional city center
- Road network length: cca 2600, for bicycles cca 70
- Modal share: 22% Cars; 53% PT; 26% Ped. + Cyclists
- Mobility rate: 2.18 per person/day
- Car ownership: 210 cars/1000 inh.
- Average speed on road network: 26 km/h
- *Source SMART PLAN, 2008*

# Belgrade/public e-bicycles

- Combination of car parks and free e-bicycles
- 3 stations with 100 bicycles



# Some examples from Belgrade

ГЛАВНИ ПРОЈЕКТИ БИЦИКЛИСТИЧКИХ СТАЗА НА НОВОМ БЕОГРАДУ



ГЛАВНИ ПРОЈЕКТИ БИЦИКЛИСТИЧКИХ СТАЗА НА НОВОМ БЕОГРАДУ



# Recent SIMENS competition 1st award

Visionary proposal for cycling tube for center of Belgrade

Competition within SUMP project

# Novi Sad / public bicycles



- Network of 65 km in 30 streets
- 7 public stations
- More than 5% of cyclists in traffic



# Breaking news! - Obrenovac

**One of Belgrade's municipalities, Obrenovac, just introduced public bicycles last week.**

**Price for 6 hours is 0,5 Euro!?**

# Subotica/public bicycles

- The most bicycle friendly city in Serbia
- Bicycle paths long about 42 km in total
- Percentage of cyclists in traffic flow about 31%





# NGO initiatives

- NGO sector has grown considerably in last 5-10 years
- YCC started their activities in 1998. and became member of ECF in 2000. Since then, at least 10 new NGOs for promoting bicycle have been established
- National and local authorities have recognized activities of NGOs and support them more and more (approx. between 3.000 and 5.000 Euro per project
- Every year there are call for proposals for various projects, mostly in environmental sector and NGOs are being recognized and supported

# “European Mobility Week”

- Organized by YCC 12 times in more than 60 cities
- Variety of actions mostly promotion of cycling infrastructure



Време за да се помислим за правото на смърт. Понякога изглежда, че днешните градски условия са създадени за да правят развитието на мобилността, изключително скъпо и да обременяват населението. По-добре е да се помисли за правото на смърт, отколкото за правото на мобилност. По-добре е да се помисли за правото на смърт, отколкото за правото на мобилност. По-добре е да се помисли за правото на смърт, отколкото за правото на мобилност.

ЕВРОПСКА НЕДЕЛЯ НА МОБИЛНОСТТА

**У ПРАВНО СМЕРТ**  
ОТ 16. ДО 22. СЕПТЕМВЪР 2012.

www.mobilityweek.eu

www.mobilityweek.org



# “Bike Fest”

- Started by YCC in 2001. 8 events so far with participation of several thousands cyclists
- Each event was objected towards promotion of some new bicycle infrastructure in Belgrade or Serbia
- Bike lift
- Euro Velo route 6 through Serbia and Belgrade
- Bascule bridge
- The new Sava river bicycle route (1.6.2013)

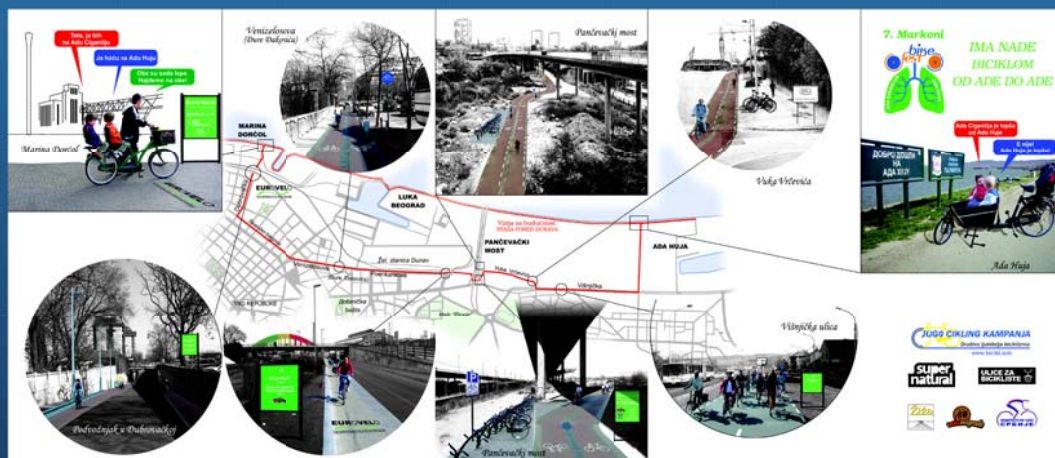
# Bike Fest proposals



Constructed in 2005



Pokretni most za pešake i bicikliste preko Zimovnika



# Coca Cola “Biciklijada”

- Bicycle festival Biciklijada started by newspaper “Politika” in 1979 but took over by Coca Cola in 2005
- Biggest festival of cyclists in Belgrade
- Promoting health, cycling, environment protection



# Streets for cyclists - Critical mass

- Started by an Austrian volunteer Max Sagmueller , Yugo Cycling Campaign and NGO “SMILE” in 2011
- It gathers couple of hundreds of cyclists once a week along the streets of Belgrade.



# Conclusions

- Cycling is getting recognition and acceptance among both professionals and politicians
- Cycling growth is evident on streets but not followed by appropriate measures
- High accident rate, taking into account still low percentage of usage
- Lack of data (counts, surveys) - difficult for making conclusions and to convince decision makers
- More serious treatment of cycling on all levels is needed.

# Thank you

