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SOUTH-EAST EUROPE TRANSPORT OBSERVATORY

# Development of the Multi Annual Plan 2008-2012

**5<sup>th</sup> Railway and Intermodal Working Group  
Meeting**

**4<sup>th</sup> September 2007**

SEETO South East Europe Transport  
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# Status

- First Draft Shared with the Stakeholders  
27<sup>th</sup> July 2007
- Processing Comments fom 24<sup>th</sup> Aug 2007
- Work on the 2<sup>nd</sup> Draft in Progress Second  
Draft: 17<sup>th</sup> Sep.
- SC Meeting – Adoption: 4<sup>th</sup> Oct.
- Final Draft for Printing: 12<sup>th</sup> Nov.
- AMM 3: December.

# CN Performance in the MAP 2008-2012

- Traffic estimates by 2012 - forecast
- More on data quality, data sources
- Improved Bottleneck analysis
- Introducing Level of Service (LOS) concept
- Potential Bottlenecks by 2012



# CN Performance in the MAP 2008-2012

- Road safety
- Railway Bottlenecks
- RW Research on reliability – delay reports
- Accessibility
- Delay at the BORDERS – RW & RD (data from collection or other sources)
- Intermodal



# Data Collection and Monitoring

	<b>ALB</b>	<b>BIH</b>	<b>CRO</b>	<b>MAC</b>	<b>MON</b>	<b>SER</b>	<b>UNMIK</b>
<b>Infrastructure</b>	OK	2005	OK	OK	OK	2005	OK
<b>Traffic</b>	OK	2005	OK	OK	OK	2005	OK
<b>Border Crossings</b>	OK	X	X	X	X	X	X
<b>Intermodal Terminals</b>	-	-	OK	-	OK	OK	-



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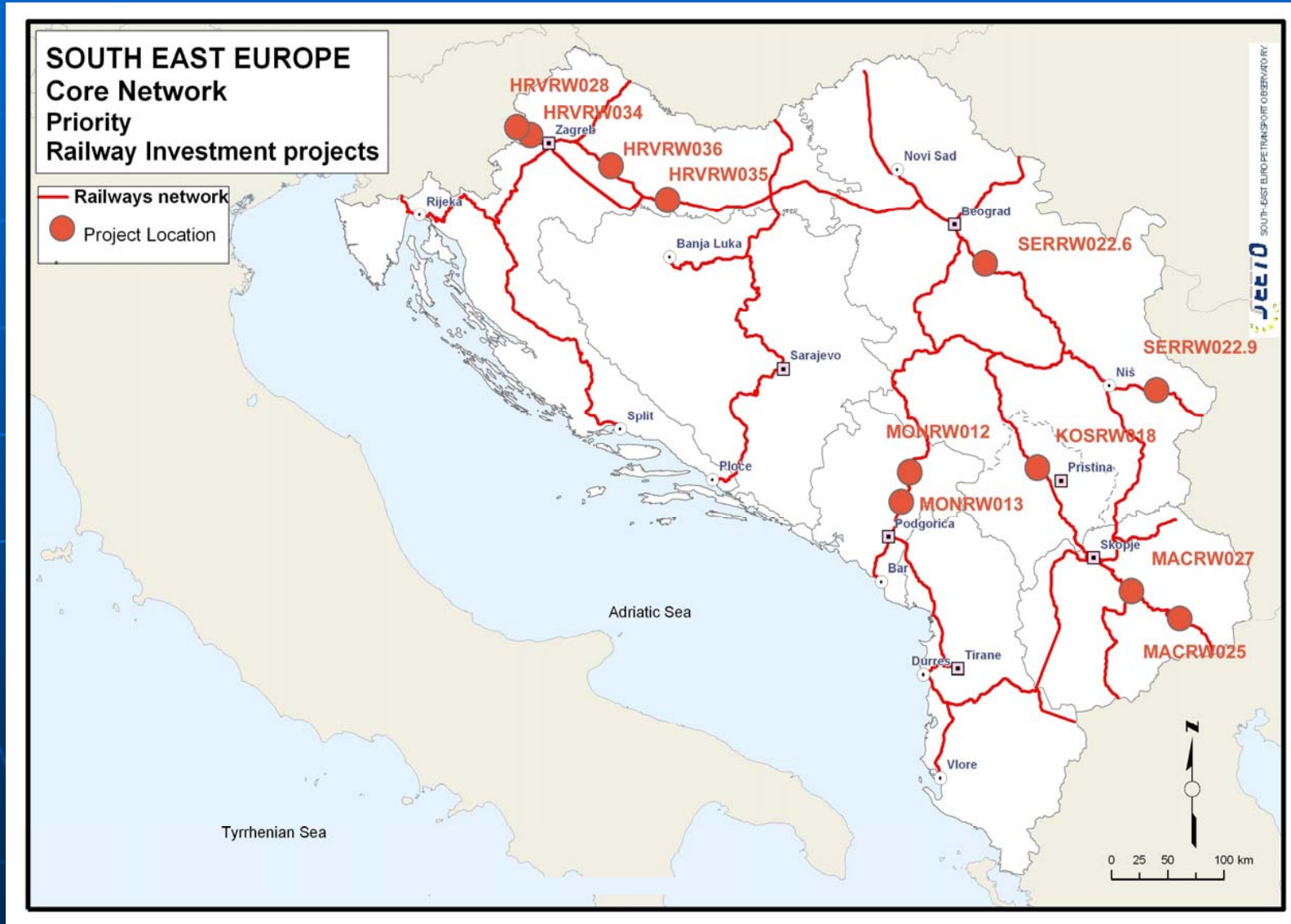
# Data Collection Goals

- Fill the gaps by 2006
- Improve Data from 2006
- Collect Additional data (safety, border, traffic growth)
- Collect Additional data from other public sources
- Improved Digital Mapping



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# RAILWAY PRIORITY PROJECTS





# Programming

## ■ **Programming factors taken into account:**

1. Ensuring that the most strategically important individual project components are included
2. Obtaining a balanced network development programme - ensuring a corridor/route approach
3. Providing modal balance
4. Achieving regional balance
5. Project preparatory status
6. Including a flagship project

**The 2008–2012 indicative priority investment programme comprises 22 project groups (a group being a number of projects related to the same route) with 30 individual projects, 11 concerned with railways with 4 new and 1 completed.**





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# **PRIORITY RAILWAY PROJECT FINANCED SINCE MAP 2007-2011**

Remote rail traffic control system rehabilitation  
Savski Marof- Zagreb\_Tovarnik

- **objective the modernisation of rail traffic control system**
- **allows centralised train regulation, with less manpower**
- **originally €23.5 million investment cost**
- **obtained financing from IPA**



## COMMITTED PRIORITY PROJECTS

- **fYR Macedonia: Upgrading rail signalling and telecommunications along Corridor X, 215km, 6MEUR**
- **fYR Macedonia: Rehabilitation of the rail line Tabanovci - Gevgelija Sections: Veles-Zgropolci and Zgropolci-Demir Kapija CX, 69km, 50MEUR**
- **Montenegro: Rehabilitation of Vrbnica - Podgorica - Bar railway line, Route 4, 167km, 23MEUR**
- **Montenegro: Rehabilitation of Vrbnica - Podgorica - Bar/ additional works, 167km, 12MEUR**
- **Serbia: Reconstruction of south exit Belgrade/ upgrading to double track of railway line Belgrade-Niš/Belgrade- -V.Plana, CX, 76km, 150MEUR**

# CONCEPTUAL PRIORITY PROJECTS

- **Croatia: Zapresic to Savski Marof Railway Rehabilitation**, CX, 27km, 23.3MEUR
- **Croatia: Novska to Dugo Selo Railway Rehabilitation**, CX, 81.3km, 135MEUR
- **Croatia: Okučani to Novska Railway Rehabilitation**, CX, 19.5km, 38.5MEUR
- **Croatia: Zagreb Main Station Signalling and Interlocking System**, CX, 17.9MEUR
- **Serbia: Reconstruction of line Nis-Presevo-Macedonian border**, CX, 156km, 77.3MEUR
- **Kosovo/UNMIK: Upgrading of Railway line N/S (1/2)**, Route No. 10, 148km, 67MEUR



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**THANK YOU FOR YOUR  
ATTENTION!**

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