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**ECONOMIC COMMISSION FOR EUROPE**

**INLAND TRANSPORT COMMITTEE**

Working Party on Transport Trends and Economics

Twentieth session  
Geneva, 13-14 September 2007  
Item 2 (a) of the provisional agenda

**PAN-EUROPEAN TRANSPORT CORRIDOR X**

**EVOLUTIONS ON CORRIDOR X IN THE PERIOD 2006-2007**



**REPUBLIC OF GREECE  
MINISTRY OF TRANSPORT AND COMMUNICATIONS  
INTERNATIONAL AFFAIRS DIVISION**



# Pan-European Corridor X

*Evolutions 2006 – 2007*

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**Thessaloniki, August 2007**

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# Cross border cooperation along Corridor X

- Signing of the Protocol on cross-border cooperation along Pan-European Corridor X by the authorized Ministers (Corfu, 16 June 2006)
- Bilateral cooperation between Serbia and Bulgaria: New joint railway cross border station in operation since 4<sup>th</sup> December 2006 at Dimitrovgrad on Branch C
- Organization of the 4<sup>th</sup> meeting of the Working Group for the improvement of border crossings along Corridor X (Athens, 20 Dec 2006)
- Questionnaire-based survey and Data analysis (Jan – June 2007)
- Organization of the 5<sup>th</sup> meeting of the Working Group for the improvement of border crossings along Corridor X (Graz, 14 June 2007)
- Approval of the Rules of Procedure of the Working Group and the medium term Action Plan by the Steering Committee at its 9<sup>th</sup> meeting (Graz, 15 June 2007)

# Progress on border crossing stations

## ■ Railway cross border stations

- ❑ **Dobova** (*X, Slovenia*): Construction of new station (2005)
- ❑ **Kelebia** (*Xb, Hungary*): Improvements (2002)
- ❑ **Dimitrovgrad** (*Xc, Serbia/Bulgaria*): Construction of joint station (2006)
- ❑ **Tabanovce** (*X, F.Y.R.O.M.*): Improvements (2006)
- ❑ **Messonission** (*Xd, Greece*): Renewal (2005)

## ■ Road cross border stations

- ❑ **Obrezje** (*X, Slovenia*): Construction of new station (2004)
- ❑ **Gruskovje** (*Xa, Slovenia*): Construction of new station (2005)
- ❑ **Bajakovo** (*X, Croatia*): Improvements (2006)
- ❑ **Macelj** (*Xa, Croatia*): Reconstruction (2007)
- ❑ **Roszke** (*Xb, Hungary*): Construction of new station (2002)
- ❑ **Kalotina** (*Xc, Bulgaria*): Improvements (2005)
- ❑ **Tabanovce** (*X, F.Y.R.O.M.*): Reconstruction (2005)
- ❑ **Medzitlija** (*Xd, F.Y.R.O.M.*): Improvements (2007)
- ❑ **Evzonoi** (*X, Greece*): Improvements (2004)
- ❑ **Niki** (*Xd, Greece*): Improvements (2004)

# State of play of Road Corridor X (1/3)

## *Progress on problematic links defined in 2001*

### ■ Main axis

- ✓ Velika Kopanica – Zupanja – Lipovac (Croatia) 53,58km (2006)
  
- Bic – Obrezje (Slovenia) 75,5km
  - 54,4km constructed (72%) – 150mo€ (86% of foreseen investments) secured for remaining works
  
- Belgrade bypass (Serbia: Dobanovci – Bujanj Potok) 35,5km
  - 16,8km constructed (some works pending for completion)
  
- Leskovac (Serbia) – Kumanovo (F.Y.R.O.M.) 127km
  - 17,6km (Leskovac – Grabovnica) constructed (2005)
  - 7,4km (Tabanovce – Kumanovo) secured WB financing (construction in 2008)
  - 102km (Grabovnica – Presevo) approved Hi.P.E.R.B. grant (100mo€) and national funds
  
- Gevgelija – Axios Canyon (F.Y.R.O.M.) 44,4km
  - 11,2km (Gevgelija – Smokvica) constructed (2005)
  - 33,2km under negotiation for financing by Hi.P.E.R.B. (50mo€), IPA and EIB

# State of play of Road Corridor X (2/3)

*Progress on problematic links defined in 2001*

## ■ Branch A

- ✓ Macelj – Krapina (Croatia) 19,4km (2007)
  
- Maribor – Gruskovje (Slovenia) 38,8km
  - *3km constructed – 413mo€ (83% of foreseen investments) secured for remaining works*

## ■ Branch B

- ✓ Kiskunfelegyhaza – Szeged – Rozske (Hungary) 60km (2006)
  
- Horgos – Batajnica (Serbia) 176km
  - *Concession signed for the construction of “Horgos – Pozega” motorway*
  
- Belgrade bypass (Serbia: Batajnica – Dobanovci) 10 Km
  - *No progress*

# State of play of Road Corridor X (3/3)

## *Progress on problematic links defined in 2001*

### ■ **Branch C**

- Nis – Dimitrovgrad (Serbia) 104km
  - *Recent decision of Serbian government for construction with own funds*
- Kalotina – Sofia (Bulgaria) 49km (except Sofia ring-road)
  - *No progress*

### ■ **Branch D**

- Veles – Prilep – Bitola (F.Y.R.O.M.) 104,6km
  - *No progress*

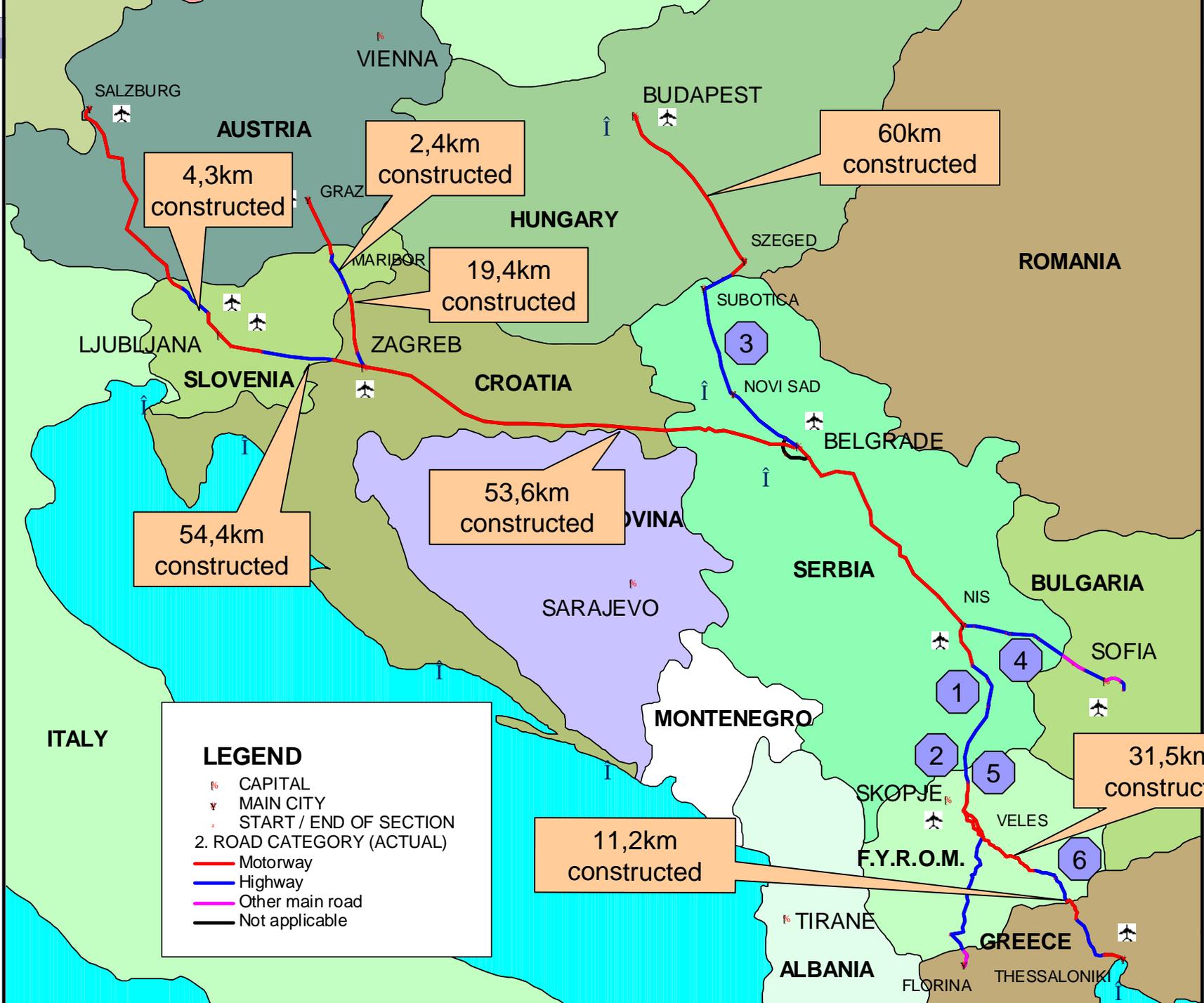
# Progress of motorway construction on Road Corridor X since 2001

Part of Corridor X	Country	Section	Total Length (km)	Constructed Length (km)	Planned Completion of Construction in 2007 (km)	Planned Completion
Main Axis	Slovenia	Bic – Obrezje*	75,5	54,4	5,5	2008
	Slovenia	Vrba – Naklo	20,9	4,3	2,4	2008
	Croatia	Velika Kopanica – Lipovac	53,56	53,56	-	-
	Croatia	Zagreb – Bregana	13,0	13,0	-	-
	Serbia	Belgrade bypass**	45,33	16,8	-	After 2012
	FYROM	Gradsko – D. Kapija – Gevgelija	75,5	42,5	-	2012
Branch A	Slovenia	Maribor – Gruskovje	38,8	2,4	0,6	2012
	Croatia	Macelj – Krapina	19,4	19,4 (2007)	-	-
Branch B	Hungary	Kiskunfelegyhaza – Roszke	60,0	60,0	-	-
<b>Total</b>			<b>401,99</b>	<b>266,36</b>	<b>8,5</b>	

\* “Problematic” sections

\*\* No progress made on the additional 10km of Belgrade bypass on Branch B

⇒ 266,36km (66,3%) constructed in the period 2001-2006  
 ⇒ 68,4 by the end of 2007



**LEGEND**

- CAPITAL
- MAIN CITY
- START / END OF SECTION
- 2. ROAD CATEGORY (ACTUAL)
- Motorway
- Highway
- Other main road
- Not applicable

VIENNA

SALZBURG

AUSTRIA

BUDAPEST

60km  
constructed

4,3km  
constructed

2,4km  
constructed

HUNGARY

19,4km  
constructed

ROMANIA

LJUBLJANA

SLOVENIA

ZAGREB

CROATIA

SUBOTICA

NOVI SAD

BELGRADE

54,4km  
constructed

53,6km  
constructed

SERBIA

BULGARIA

SARAJEVO

MONTENEGRO

NIS

SOFIA

ITALY

**LEGEND**

- CAPITAL
- MAIN CITY
- START / END OF SECTION
- 2. ROAD CATEGORY (ACTUAL)
- Motorway
- Highway
- Other main road
- Not applicable

11,2km  
constructed

31,5km  
constructed

F.Y.R.O.M.

ALBANIA

GREECE

TIRANE

FLORINA

THESSALONIKI

1

2

3

4

5

6

SKOPJE

VELES

# Progress of the Hellenic Plan for the Economic Reconstruction of the Balkans (Hi.P.E.R.B.) implementation in Serbia and F.Y.R.O.M.

- Agreement for co-financing of Grabovnica (Leskovac) – Presevo (F.Y.R.O.M. border) motorway (96,5km) in Serbia
  - Budget: € 550 million
  - Greek contribution: € 100 million
  - Construction period: 2007 – end of 2011
  
- Negotiation for co-financing of Demir Kapija – Udovo – Smokvica motorway (33km) in F.Y.R.O.M.
  - Budget: € 150 million (2000 prices)
  - Greek contribution: up to € 50 million
  - Feasibility study, alternative alignment preliminary design, Environmental Impact Assessment study completed in April 2007
  - Envisaged construction period: 2008 – end of 2011

# Serbian national plan for motorways

Section	Length (km)	Period of construction	Cost (mo€)	Co-financing to the national contribution
1 Grabovnica – Levosoje	74,5	2007-2011	467	€ 100million by Hi.P.E.R.B.
2 Levosoje - FYROM border	22,1	2007-2009	57	-
3 Horgos – Novi Sad	108,0	2007-2010	97,2	Concession contract signed
4 Prosek – Dimitrovgrad*	84,0	2007-2011	450	-

\* Phase I – one new carriageway construction

# F.Y.R.O.M. national plan for motorways

Section	Length (km)	Period of construction	Cost (mo€)	Financing
5 Tabanovce – Kumanovo	7,4	2008	14,7	World Bank (secured)
6 Demir Kapija – Udovo – Smokvica	33	2008-2011	150	National budget IPA Hi.P.E.R.B. up to 50 mo€ Potential for EIB, EBRD involvement

# State of play of Rail Corridor X (1/2)

## *Progress on problematic links defined in 2001*

### ■ Main axis

- Zagreb (Croatia) – Belgrade (Serbia) 421km
  - *Secured financing (75,7m€) for rehabilitation and upgrade of Vinkovci – Tovarnik track*
  - *Master plan for the modernization of Croatian parts of Corridor X to be completed by the end of year 2007*
  - *Part of an approved EIB loan of 80m€ foreseen for the reconstruction of Batanjica – Golubnici line, the overhaul of Batanjica – Nova Pazova line, the reconstruction of Nova Pazova and Stara Pazova stations and the completion of works of doubling Stara Pazova – Golubnici line*
  
- Tabanovce – Skopje – Gevgelija (F.Y.R.O.M.) 215km
  - *Reconstruction of Smokvica – Gevgelija line (10km) in final stage*
  
- Idomeni – Thessaloniki (Greece) 76,6km
  - *Line electrification and modernization completed (2006)*
  - *Contract for construction of new Polykastro – Idomeni line signed in December 2006*

# State of play of Rail Corridor X (2/2)

*Progress on problematic links defined in 2001*

## ■ Branch B

- Budapest – Kelebia (Hungary) 156km
  - *No progress*

- Subotica – Novi Sad – Belgrade (Serbia) 149,6km
  - *No progress*

## ■ Branch C

- Kalotina – Sofia (Bulgaria) 57km
  - *Dragoman – Dimitrovgrad electrification completed (2006)*

## ■ Branch D

- Veles – Prilep – Bitola – Kremenica (F.Y.R.O.M.) 146km
  - *No progress*

- Mesonision – Florina (Greece) 19km
  - *Line reconstruction and modernization completed (2006)*

# SEETO 2007 – 2011 Multi-annual Action Plan: Corridor X projects

No	Mode	Ranked	Project	Country	km	Cost (mo€)	Implementation period
1	Road	1	Belgrade bypass, Sector 1-3: Dobanovci –Ostrusnica	Serbia	17	7,5	2007
	Road	3	Belgrade bypass, Sector 4: Ostrusnica – Orlovaca	Serbia	8	24	2008 - 2010
	Road	6	Belgrade bypass, Sector 5-6: Orlovaca-Bubanji Potok	Serbia	14	136	2008 - 2012
2	Road	13	Upgrading of road section Demir Kapija-Udovo-Smokvica	FYROM	33	150	2007 - 2010
13	Rail	9	Upgrading rail signaling and telecommunications along Corridor X	FYROM	37	6	2008 - 2012
	Rail	10	Rehabilitation of the rail line Tabanovci -Gevgelija (Corridor X) Sections: Veles-Zgropolci and Zgropolci-Demir Kapija	FYROM	69	150	2007 - 2009
14	Rail	16	Reconstruction/ upgrading to double track line Beograd-Niš/ Belgrade-Resnik-Klenje-M.Ivanca-M.Krsna-V.Plana	Serbia	76	150	2008 - 2016
	Rail	15	Reconstruction and modernization of the line Nis-Presevo-FYROM border	Serbia	87	71	2008 - 2011
15	Rail	17	Rail track overhaul Savski Marof-Zagreb section	Croatia	27	23,3	2009 - 2011
	Rail	25	Remote rail control traffic system Savski Marof-Zagreb-Tovarnik	Croatia	329	23,4	2009 - 2011

# Permanent activities of the Chair and the Technical Secretariat of Corridor X (1/2)

- **Coordination and monitoring approach:**
  - Annual questionnaire based surveys in all countries of Corridor X
  - Extended on-site visits for expertise and meetings with members of the road and rail authorities and organizations in each country
  - Inventory of existing studies and evaluation and exploitation of their results
  - Collection of reports from various sources (international and national organizations) about Corridor X
- **Data analysis – Development and maintenance of a Database and a relevant Geographic Information System (GIS)**
- **Dissemination of results: Reports, papers, conferences, Website**
- **Suggestions for the terms of references for new studies**
- **Examination of conditions providing interoperability and promoting intermodality**

# Permanent activities of the Technical Secretariat of Corridor X (2/2)

## ■ **International cooperation**

- European Commission – DG TREN
- Other Corridors in the area
- UN/ECE Transport Division
- European Investment Bank
- Infrastructure Steering Group of the Joint office for SEE of EC and World Bank
- Exchange of information with South East Europe Transport Observatory (SEETO) – Technical Secretariat for the implementation of the SEE Core Network
- South East Europe High Performance Railway Network (SEECP)

## ■ **Assistance to participating countries for the involvement of the private sector and International Financial Institutions**

## ■ **Contribution to the optimization of border crossing operations and procedures** (Support to the Working Group for the improvement of border crossings along Corridor X)

# Following activities

- **For the next year basic duty the implementation of the Action Plan of the Working Group for the improvement of border crossings**
- **In the framework of their permanent activities the Chair and the Technical Secretariat will:**
  - **Contribute to the works of the four workshops of DG TREN for the extension of the major trans-European networks, and in priority to the one chaired by the Chairman of the SC of Corridor X;**
  - **Follow closely and participate in the process of implementation of Hi.P.E.R.B. in south Serbia and in the former Yugoslav Republic of Macedonia;**
  - **Continue to participate and contribute to the SEECP High Performance Railway Network cooperation.**