



DEPUTY PRIME
MINISTER AND
MINISTER OF CONSTRUCTION,
TRANSPORT AND INFRASTRUCTURE

S E R B I A

OVERVIEW OF FINALIZED, ONGOING AND PLANNED TRANSPORTATION
AND CONSTRUCTION INFRASTRUCTURAL PROJECTS

Belgrade, September 2018

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INTRODUCTION

With its geographical position in the central part of the Western Balkans Region of Europe Serbia has from ancient to modern times been a bridge between the West and the East.

The shortest and most comfortable continental route between Europe and Asia, running in considerable length through the present territory of the Republic of Serbia, with the not less considerable portion of the most transport efficient part of the navigable International Inner Waterway of the Danube River define the strategic importance of Serbia in the European and World transport network

Pan-European Transport Corridors



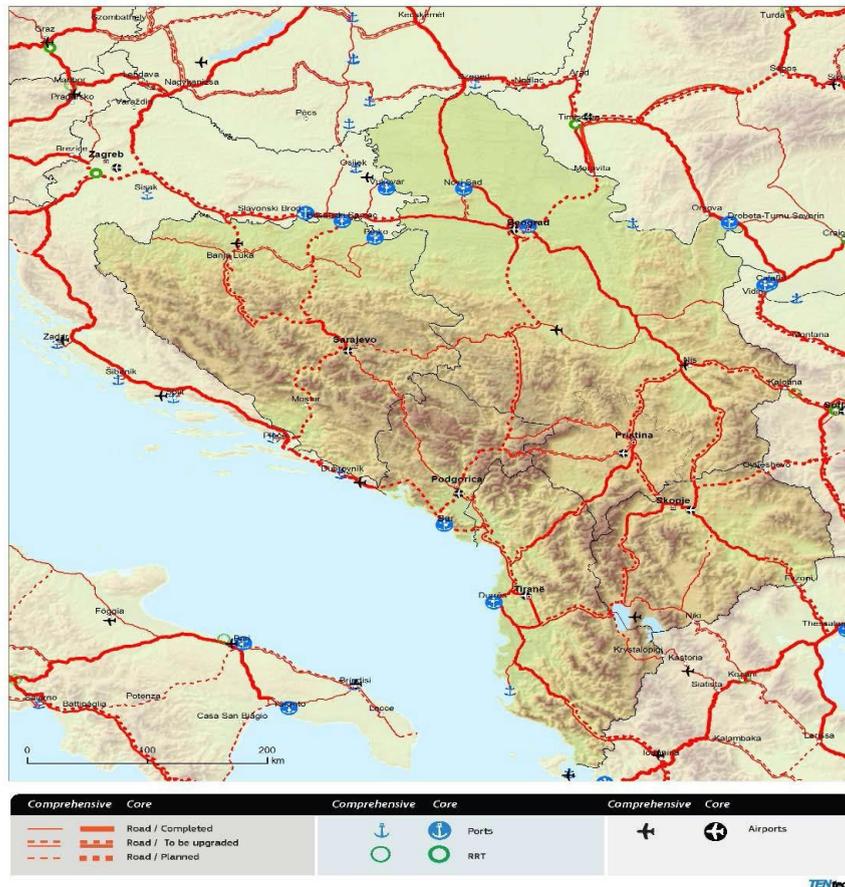
Avoiding the confusion of official names of the Trans European Network, (TEN-T) based on the fact that the name of the Core Network Corridor is applied only to routes running through present member countries, **Corridor VII** (the Danube as a waterway) and **Corridor X** (road-railway) make up the basis of the transport system in the Republic of Serbia. In addition to these corridors also of great importance is the road and part of the **Route 4** Belgrade - South Adriatic E- 763 and/or E-79 railway line.

The Republic of Serbia is surrounded by other Pan-European corridors and their branches (**Corridor IV**: Dresden/Nurnberg - Prague - Vienna - Bratislava - Győr - Budapest - Arad - Bucharest - Constanta/Craiova - Sofia - Thessaloniki/Plovdiv - Istanbul; **Corridor Vc**: Budapest- Osijek – Sarajevo-Ploče and **Corridor VIII**: Durres - Tirana - Skopje - Bitola - Sofia - Dimitrovgrad- Burgas - Varna). Parts of these Corridors which are still in construction will become parts of the TEN-T network to be fully established by the year 2030.

In the process of accession to EU, Serbia cooperating with the EU regional cooperation organization SEETO, or South East Europe Transport Observatory network to improve and harmonies regional transport policies and technical standards for the Indicative Extension of TEN- T Comprehensive Network to the Western Balkans development, to maintain an effective coordination and communication network; and integrate the Indicative Extension of TEN-T Comprehensive Network to the Western Balkans in the framework of the wider Trans European Network.

**Indicative Extension of TEN-T to Western Balkans
Core Network Definition
Roads, Ports and Airports**

Draft 09/07/2015



Accordingly, the whole Western Balkans Transport network has been divided into two categories Comprehensive (of regional importance), Core (of European importance). Serbia has quite dense network (both core and comprehensive) in SEETO multimodal network

Serbian SEETO network

	Road	Rail	IWW	River ports	Airports
Comprehensive	1626 km	1788 km	963 km: Danube (588km), Sava (211km), Tisa (164km)		Nis
Core	1332 km	1414 km	963 km: Danube (588km), Sava (211km), Tisa(164km)	Belgrade, Novi Sad	Belgrade



SEETO Road projects (including Belgrade by-pass)



SEETO Rail and IWW network

In accordance with the established priorities Projects have been defined and financed

Investments on transport networks in Serbia from 2004			
	TEN-T Comprehensive Network		TEN-T Core Network
Total investments from 2004	€ 4.215 billion		€ 4.160 billion
Disbursed	€ 1.491 billion		€ 1.437 billion
Committed	€ 2.724 billion		€ 2.724 billion
Investments by transport mode	Road	€3.060 billion	€3.005 billion
	Rail	€1071 million	€1071 million
	IWW	€16.7 million	€16.7 million
	River ports	-	-
	Airports	€67 million	€67 million
Main source of funding	Budget	21%	21%
	IFI loans	51%	51%
	Concessions (airport)	-	-
	EU funds	1%	1%
	Other ⁸	27%	27%

In the period up to the year 2020 the Republic of Serbia is planning to additionally invest close to 6,0 billion EUR into transport infrastructure projects with the ratio 3 : 1 in favor of investments to railway projects.

OVERVIEW OF FINALIZED AND ONGOING PROJECTS

ROADS

HIGHWAY E 763, BELGRADE – SOUTH ADRIATIC OVERVIEW



Length 270 km

The Route E-763: Belgrade – Požega– Boljare (border with Montenegro) consists of 3 sectors:

Sector I Belgrade – Ljig (80.3 km)

Section: Belgrade (Surcin) – Obrenovac (17.6 km)

Section: Obrenovac – Ub (26.2 km)

Section: Ub– Lajkovac (12.5 km)

Section: Lajkovac – Ljig (24 km)

Sector II Ljig – Požega (71.2 km)

Section: Ljig – Preljina (40.4 km)

Section: Preljina– Požega (30.9 km)

Sector III Požega – Boljare (border with Montenegro) (107 km)

Sections	L, km	Financing	Contractor	Investment value	Finalization deadline	Implementation percentage
Surcin – Obrenovac Section 2	17.6	China EXIM bank loan and The Republic of Serbia - budget	China Comination Construction Company, Beijing with local subcontractors	233.669.280 \$	4+32 months for design and construction	Commercial contract signed on 18.06.2016. Credit Agreement signed 06.11.2016, Work commenced on 01.03.2017
Obrenovac – Ub Section 3	26.2	China EXIM bank loan and The Republic of Serbia - Budget	Shandong Hi-Speed Group with local subcontractors	333.740.000 \$	25.12. 2018.	84 %
Lajkovac- Ljig Section 5	24					
Ub – Lajkovac Section 4	12.5	Budget of The Republic of Serbia	The Roads of Uzice Co. Planum Co, Serbia	70.000.000 €	30.06.2014	Finished in June 2014
Ljig - Boljkovci	10.7	Loan of The Republic of Azerbaijan and The Republic of Serbia- Buget of Serbia	AzVirt, Azerbaijan, with local subcontractors	308.000.000 €	08.11.2016	Finished in November 2016
Boljkovci- Takovo	12.7					
Takovo – Preljina	17.1					
TOTAL:	120.8	In Euros		≈ 880.132.106		

Sector I Belgrade – Ljig (80.3 km)

Section 2 : BELGRADE (SURČIN) – OBRENOVAC 17,6 Km



- Section length- 17.6 km;
- Investment value– 233.669.280 USD
- Government of the Republic of Serbia has proclaimed this project to be of public interest and provided 264 million dinars (RSD) for expropriation in 2016.
- The Commercial contract on design and construction works was signed on 20 June 2016 in Belgrade with contractor China Communication Construction Company Ltd, Beijing.
- Feasibility study and Preliminary design were prepared and adopted in June 2012. The contractor shall prepare the remaining technical documentation (4 month deadline) and perform works (within 32 month).
- China EXIM Bank signed with The Government of Serbia Loan Agreement on 6. November 2016
- The Loan Agreement became operational in February 2017 and the works on the bridge over River Sava commenced on May 5, 2017.

Status of technical and commercial documentation								
General design	Feasibility study	Preliminary design with Feasibility Study and Study on environmental	Spatial plan	Commercial contract	Land acquisition	Design for construction license	Construction license	Financing
Adopted	Adopted	Revised adopted	Adop.	Concluded	In progress	Adopted	Issued	Concluded

**Section 3: OBRENOVAC – UB and
Section 5: LAJKOVAC-LJIG**

- Total length of both sections – 50,2 Km
 - Obrenovac-Ub: 26,2 km;
 - Lajkovac-Ljig: 24 km
- Investment value for both sections : US \$333.747.540,00
- Contractor – China Shandong International Economic and Technical Cooperation Group Ltd. Of Shandong Hi-speed Group Co Ltd.
- Commencement date – 30 June 2014
- Project end date – 25 December 2018
- Funding:
 - China Exim Bank loan: US \$301 million
 - Budget of the Republic of Serbia US \$32,74 million in appropriate value in Republic of Serbia Dinars

The construction of these two sections will enable connection with section Ub-Lajkovac, 12.5 km long which is completed in 2014 and with the Ljig-Preljina section, 40.3 km long, which was commissioned to traffic on November 7, 2016. The total length of the highway from Obrenovac to Preljina will be 103,03 km. Physical completion of this section is about 84% (August 2018).



CORRIDOR X

GENERAL OVERVIEW



The total length of roads belonging to Corridor X running in the territory of the Republic of Serbia is 792km ;

Works on Corridor X running in the territory of the Republic Serbia are organized under 5 projects:

- **Project North**

E-75 from border crossing Horgos to Novi Sad, (including Y fork of 23,6 Km that runs from Kelebija towards Subotica South Loop,) of the length 108 km

- **Project Main axel of Corridor X**

E-70 section from Belgrade –Junction Bujanj potok to border crossing with Croatia, of the length of 121,1 km. and E-75 from Belgrade –Junction Bujanj potok to Nis of the length of 237,0 km.

- **Project South**

E-75, south fork from Nis to the border with The Republic of Macedonia, Grabovnica – Levosaje, of the length of 74 km;

- **Project East E-80, from Nis to the border with The Republic of Bulgaria 86.9 km;**

- **Project Belgrade Bypass Ring road**

Bypass Ring road to detour transit traffic from Belgrade Municipal Center by connecting existing and under construction highways and international roads leading from Belgrade to borders with Hungary, Croatia, Montenegro, Bulgaria, Macedonia and Romania of length of 47 km including six interconnecting junctions.

PROJECT NORTH – CORRIDOR X b
BELGRADE to SUBOTICA

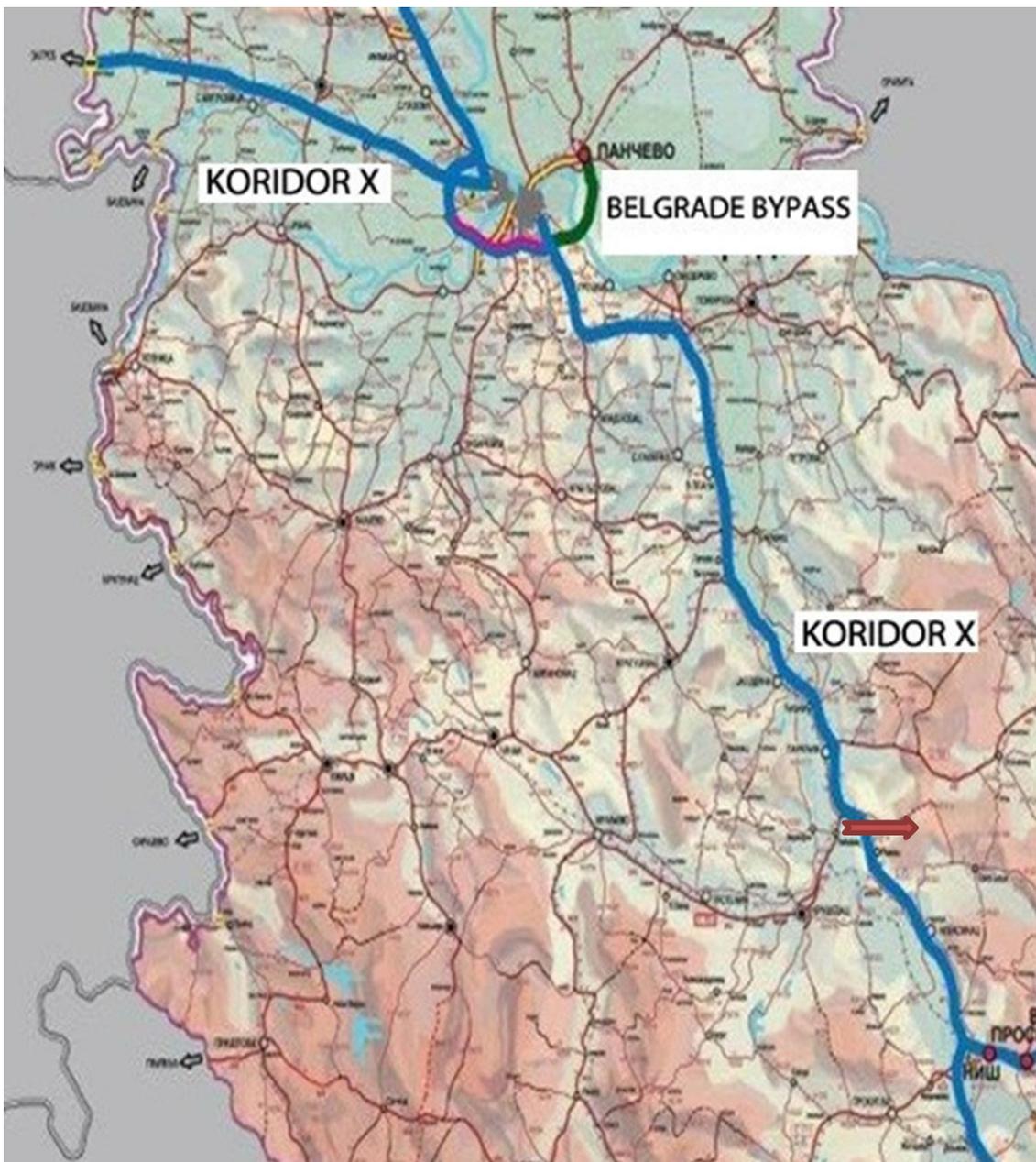
- E-75: section Belgrade – Novi Sad- 94km finished
 - E-75 section Novi Sad – Horgos - 108km finished
 - Y fork from Subotica Junction South to – border crossing Kelebija – 23.6 km
- Percentage of performed works: above 60%. Works have been continued in the second half of 2016 after the financial assets in the current budget of The Republic of Serbia were obtained. Deadline to finish the project is: end of the year 2019.



PROJECT MAIN AXEL OF CORRIDOR X

- E-70 section: "Tovarnik border crossing" with Croatia to Belgrade –Junction "Bubanj potok" the length of 121,1 km.
- E-75 from Belgrade –Junction" Bubanj potok" to Nis-Junction "North" of the length of 237,0 km.

Construction work on some sections started in the late nineteen fifties with the full profile highway in continuity from Croatian Border to Nis to be finished by end of 1990.



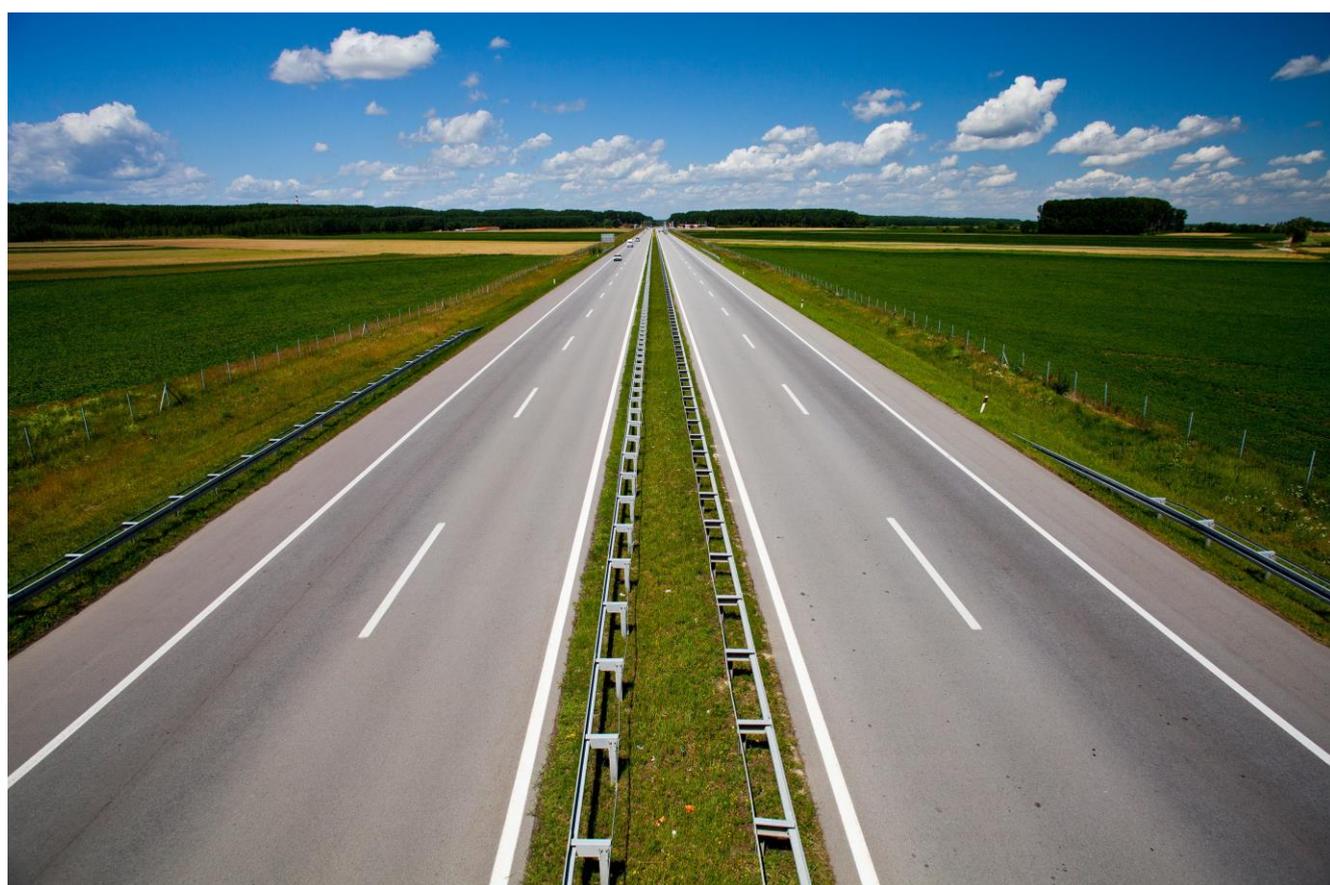
PROJECT EAST

- E 80 - Full profile highway from Nis-Junction “Prosek” to Dimitrovgrad - Border crossing “Gradina” with Republic of Bulgaria, in the length of 86.9 km



Section	Contract value	length	Deadline / Status
Prosek - Bancarevo	36.219.537,32 €	9.4 km	June 2017 The basic works have been completed
Bancarevo Tunnel	20.368.894,28 €	717m/733m	May 2017 Construction works are finished. Tunnel equipping is left to be done.
Bancarevo - Crvena reka	39.923.726,57 €	12.4 km	December 2018.
Crvena reka - Ciflik	43.035.325,27 €	12.7 km	June 2017 Opened to traffic
Ciflik - Stanicenje	33.560.000,00 €	12.1 km	June 2017. Opened to traffic
Stanicenje – Pirot east	74.960.000,00 €	16.6 km	November 2018, 14,4 km opened to traffic
Pirot east - Dimitrovgrad	19.484.810,33 €	14.3 km	September 2017 opened to traffic

Tunnels Progon and Przojna Padina	41.010.073,35 €	1007/988m 350/326m	June 2017. Construction works are finished. Tunnels equipping is finished.
Ring road Bypass Dimitrovgrad	17.068.396,24 €	8.3 km	November 2017. Opened to traffic



PROJECT SOUTH

- E-75- full profile highway from Nis- Junction “North” to Presevo- Border crossing Presevo/Tabanoci with the Republic of Macedonia in the length of 74km



Section	Contract value	length	Deadline / Status
Grabovnica - Grdelica	23.782.962,49 €	5.5 km	Finished on 11.04.2016.
Grdelica – Predejane tunnel	39,694,000.00 €	6.1 km	December 2018.
Predejane tunnel	15,242,392.79 €	1.0 km	April 2018.
Predejane tunnel – Caricina dolina	37,513,000.00 €	4.7 km	September 2018.
Caricina dolina-Manajle tunnel	53,641,000.00 €	6.7 km	June 2018.
Manajle tunnel	36,246,365.11 €	1.8 km	November 2018.
Manajle tunnel-Vladicin Han	51,800,000.00 €	6.0 km	June 2018.
Vladicin Han-Prevalac	25,400,000.00 €	10.1 km	Finished on 28.11.2015.
Prevalac-Suvi Dol	25,840,000.00 €	9.0 km	Finished on 28.11.2015.
Suvi Dol-Donji Neradovac	22,590,000.00 €	7.2 km	Finished on 28.11.2015.
Srpska Kuca-Levosoje	33.738.758,00 €	8.06 km	December 2018.

SECTION SRPSKA KUĆA TO LEVOISOJE, WITHIN THE PROJECT SOUTH



E-75 - full profile highway from Srpska kuća to Levošoje in the length of 8,1 km

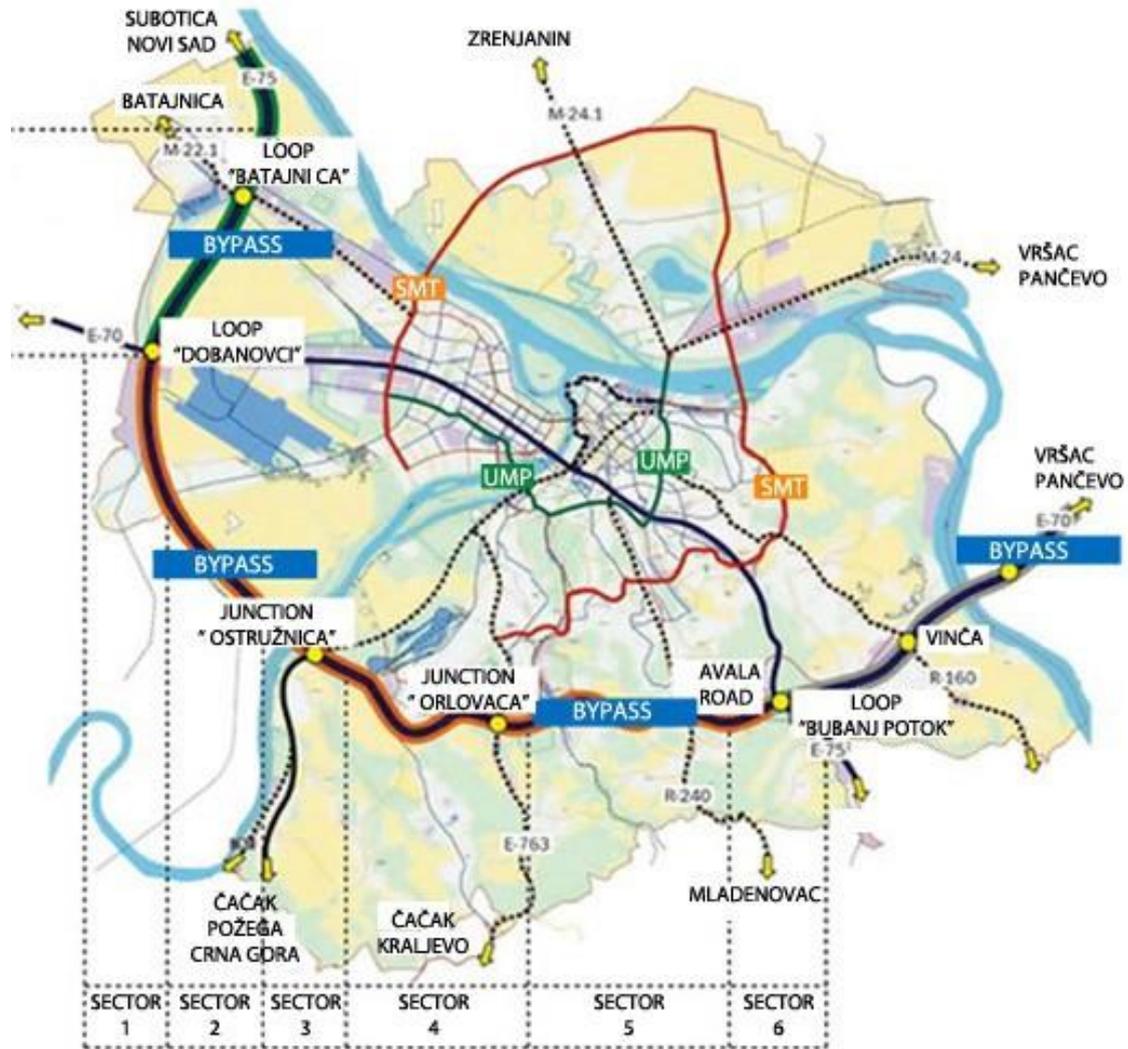
- Contract Value – 4.052 382. Thousand RSD, financed by the budget of the Republic of Serbia (approximately 33 million Euro)
 - Progress of work: 66,2 %
- Deadline: December 2018

Group of contractors:

1. MBA-RATKO MITROVIC CIVIL ENGINEERING LTD. Belgrade
 2. SERBIA HIGHWAY ltd. Belgrade
- Subcontractor: CENTRAL ROAD LABORATORY LTD, VETERNIK



PROJECT BELGRADE BYPASS RING ROAD



The goal of the Bypass Ring Road is to detour transit traffic from Belgrade Municipal Center by interconnecting existing and under construction highways and international roads leading to/from Belgrade:

- Total length: 47km
 - Contract value of works: 114,2 million Euros
 - Financing source – loans of EIB, EBRD, and budget of The Republic of Serbia
 - Average progress performance of ongoing works: 45%
- Sector A (Batajnica - Dobanovci), 67.8 million Euros 6,1km: **Opened for traffic in July 2015**
 - Sector B (Dobanovci – Bujanj Potok) Lot B1, B2, B3.1 and section Dobanovci - Ostruznica, only left lane, 12.5 million Euros, 10.1km **Opened for traffic in April 2016**
 - Lot B 3.2 Bridge over Sava, 30 million Euros, length 3.04 km, with the deadline to be finished by April 2018. Rate of work progress: 34%
 - Lot B 5.3 Petlovo Brdo to Junction “Orlovaca”, 5.07 million Euros, Rate of work progress 38%

Belgrade Bypass Ring road projects in implementation					
Section	length in km	Financing	Contractor	Investment value EUR	Implementation deadline
Belgrade Ring road, section A lot A1 and A2, Batajnica loop to	6.1	EBRD	Planum and Ratko Mitrovic	67.800.000	finished
Belgrade Ring road, section B lot, B1 to B3.1, Dobanovci to Sava Bridge	10.1	EIB	Planum and Ratko Mitrovic	12.500.000	finished
Belgrade Ring road, section B, lot B3.2, Ostruznica Bridge Phase II	3.04	EIB	"Strabag"	29.754.535	ongoing
Belgrade Ringroad, section B , lot B5.3 Petlovo Brdo Loop to Orlovaca Junction	3.1	EIB, Budget of The Republic of	"Strabag"	5.067.585	ongoing

PROJECT SECTION B - LOT 4, 5, and 6.

- Project entails the building of the remaining 22.6 km of highway on Section B -(s from Ostruznica bridge to Junction Bubanj potok, out of which 13.1 km is the semi-profile highway (three lanes) and 9.5km is full profile highway (six lane)
- Commercial contract for the construction of Section B lots 4,5,6, between the Government of Serbia as Financer, Roads of Serbia, JSD, as Investor and Power Construction Corporation of China, Ltd. as Constructor, was signed in Riga during the 1+16 Summit of China and Central and East Europe Countries in November, 6, 2016.
- The total contract amount value is 207 million Euro (225,63 million US \$)
- The Contract will come into force upon coming into force of the Loan Agreement between the Government of Serbia and China Export Import Bank, on which negotiations are in progress in Belgrade at present.
- The ceremonial beginning of the work was marked on July 24, 2018.

Status of technical and commercial documentation								
General design	Feasibility study	Preliminary design with Feasibility Study and Study on environmental	Spatial plan	Commercial contract	Land acquisition	Design for construction license	Construction license	Financing
Adopted	Adopted	Adopted	Adop.	Concluded	Performed	Adopted	Issued	Under negotiatio

PULIC ROAD REHABILITAION PROJECTS

ELIMINATION OF SPOTS OF EXTREEME PERIL (“CRNE TACKE”) AND REHABILITATION OF DANGEROUS PARTS OF STATE ROADS AND HIGHWAYS



Map with locations of spots of extreme peril

- According to the study “**Identification of dangerous parts of state highways of the Republic of Serbia with the proposal of rehabilitation measures**“(2008), 262 extremely dangerous locations-spots have been identified on the state road network.
- So far 195 of such spots have been rehabilitated or are in the process of rehabilitation, out of which 143 have been completely rehabilitated, and 52 have corresponding rehabilitation projects designs.
- Out of remaining 67 dangerous spots, 40 have been excluded from the list due to the changed circumstances and their complexity, bidding process has started for 7 dangerous spots, and nothing has been done yet concerning 20 dangerous spots.
- Since 2014 the rehabilitation of black spots has been implemented through the Road rehabilitation project.

ROAD REHABILITATION AND SAFETY PROJECT (RRSP)

Project realization schedule



- The Project value is 390 million Euros. Financing is from loans of the World Bank 73.80 million Euros, EBRD 100 million Euros and EIB 100 million Euros, with the participation of The Republic of Serbia with 116.2 million Euros (29.8%).
- Rehabilitation of 1100 kilometers of state network within the 4-year period has been planned.
- In 2015 13.8 million Euros were spent, and 50km of roads rehabilitated. 20.9 million Euros have been allocated for 2016. In the first half of 2016 around 50km were rehabilitated. In the forthcoming period the withdrawal of funds will be intensified, as works on specific sections are being completed.
- Due to the weather conditions (flood) in 2014., 10 sections have been identified as sections requiring urgent works.

Urgent works include 10 sections, 11 contracts, 7 road routes, average 19 km per contract, total 192 Contracted works are completed. On several sections, there are works on remedying defects.

	Section No	Length	Contractor/Designer
1.	Arandjelovac - Krcevac	8,713 km	Srbijaautoput d.o.o./Institut za puteve
2.	Lazarevac 4 – Arandjelovac 1	17,607 km	Strabag d.o.o. i Vojvodinaput-Pančevo i Strabag AG/ Via Projekt d.o.o.
3.	Zavlaka 2 – Pričevići	27,018 km	AD Putevi Užice/ Institut za puteve
4.	Krst - Zavlaka 2	20,279 km	Ratko Mitrović – Niskogradnja d.o.o./ Institut za puteve
5.	Banja Koviljača - Mali Zvornik Mali Zvornik-Ljubovija 1	14,150 km 13,530 km	AD Putevi Užice/ Institut za puteve
6.	Mali Zvornik - Gračanica	23,620 km	Ratko Mitrović – Niskogradnja d.o.o./ Institut za puteve
7.	Topola 1 – Bućin Grob	27,280 km	ZU "Srbijaautoput d.o.o. - Planum"/CeS.Cowi
8.	Raška 2 - granica sa APKM (Jarinje)	11,486 km	AD Novi Pazar – put/BHL Projekt d.o.o.
9.	Rogačica 2 – Bajina Bašta 1 (Perućac)	9,590 km	AD Putevi Užice/GMP GRAMONT-NS
10.	Mrčajevci – Kraljevo 1	18,791 km	Strabag d.o.o. i AD Putevi Čačak/Via inženjering d.o.o.

The regular part of program of RRSP Project includes 106 contracts (45 contracts for works, 41 contracts for design and 20 service contracts). For rehabilitation of one section, except works, four services are provided: design, traffic safety audit, technical control and supervision of work.

Two sections are finished from regular part of the Project (**Novi Sad-Belgrade (right carriageway)** 5,5km and **Kac-Zrenjanin 1 (bypass)**, 24,211 km).

- **Status of works:**

Section Pakovrace (Markovica)-Uzice, length=37,10

Source of financing: WB, EIB, RS

Contractor: MBA Ratko Mitrovic

Contract value: 870.508.737,76 RSD (without VAT) (cca 7,3 mil EUR)

Contract signed on September 14th 2017.

Constructor started works in April 2018. Percentage of realization is 7,5%.

Section; Border CR/SRB (Batrovci) – Kuzmin 1 (highway), length=43,31

Source of financing: EBRD

Constructor: Integral Inzenjering a.d. Laktasi, Bosnia and Herzegovina

Contract value: 16.501.029,53 EUR (without VAT)

Contract signed on August 8th 2018.

Section Vlasotince – Svodje

Source of financing: WB, EIB, RS

Constructor: JV Trace Vlasotince

Contract value: 652.981.999,21 RSD (without VAT) (cca 5,5 mil EUR)

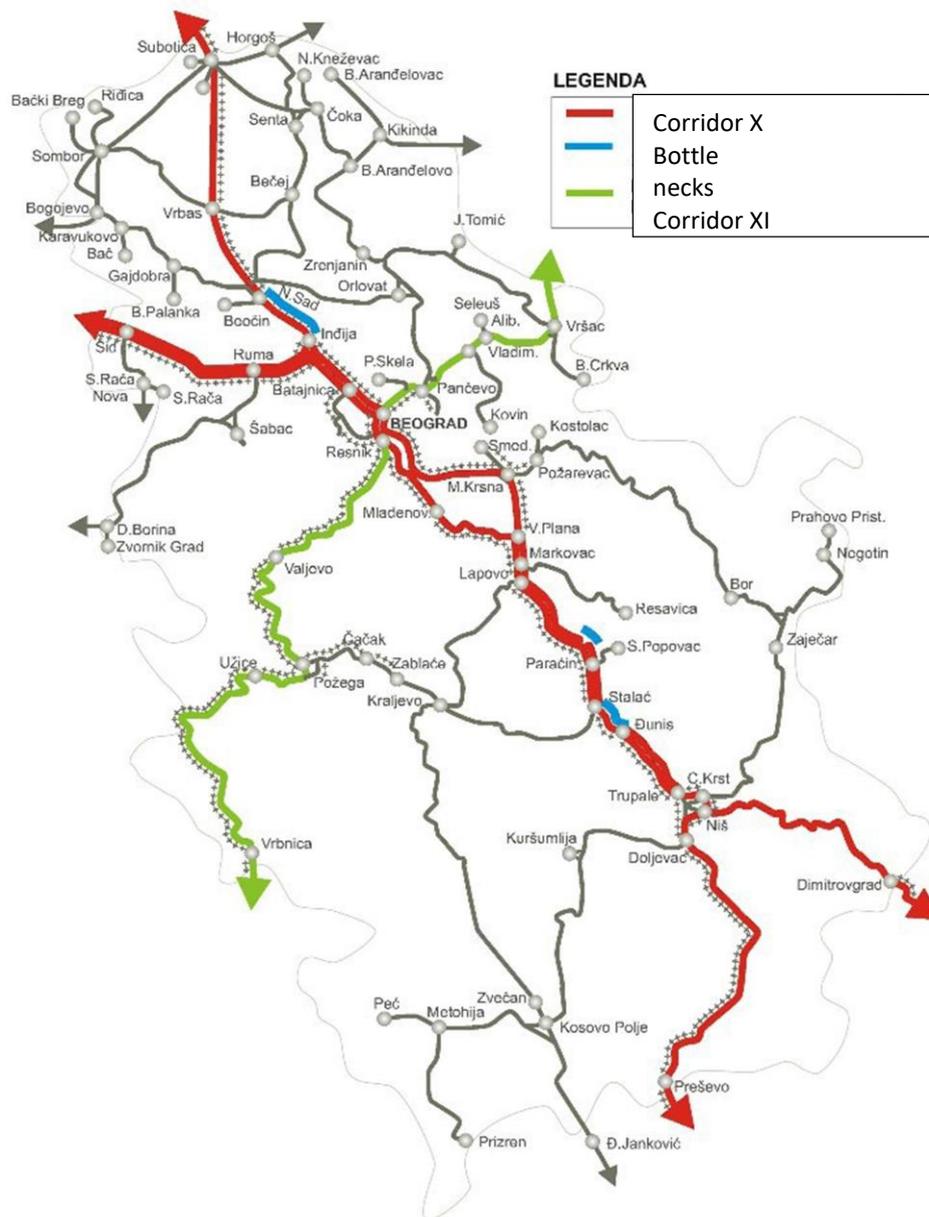
Contract signed on August 8th 2018

For 4 sections procurement process is in progress, namely: Irig 2 – Ruma 1 (15,85km), Kladovo-Brza Palanka (23,26km), Knezevici-Bela Zemlja (15,23km) and Prijepolje-Sjenica 3 (13,8km). Total value is about 3,180 billion RSD (without VAT) (26,5 mil EUR).

RAILWAY

CORRIDOR X – RAILWAY

OVERVIEW



Total length of rail Corridor X: 799 kilometers

- Sid - Belgrade - 119 km
- Belgrade - Nis- 241 km
- Belgrade - Subotica - 180 km
- Nis– Presevo -156 km
- Nis– Dimitrovgrad -103.9 km

PROJECTS OF EIB AND EBRD

Project: Railway reconstruction II - EIB

Loan Agreement to the value of 80 million Euros signed and ratified in 2007

- Component I: Reconstruction and modernization of Batajnica to Golubinci section (31km), railway Belgrade – Sid – state border with Croatia, value 27,5 million Euros – was completed 100% in 2009.
- Component II: Reconstruction and modernization of Gilje – Cuprija – Paracin section, railway Belgrade to Nis, total value 45,6 million Euros, consisting of: the construction of the Bridge over Velika Morava at the value of 10.5 million Euros, and the construction of the new section of double track railway of the total length of 10.2 km at the value of 34,5 million Euros. The bridge was built in 2015 and the railway section was completed in January 2017, so the Project is 100 % completed.

Project: Railway rehabilitation -EBRD 5

Loan Agreement with EBRD at the value of 95 million Euros for rehabilitation of the railway along Corridor X, was signed and ratified in 2012.

Amendment to the Loan Agreement (Rehabilitation of Section Beograd-Rakovica-Resnik) was concluded in December of 2016, so that the Project consists of:

1. Reconstruction and modernization of Junction G-Rakovica-Resnik Section (L = 7,428m). Contract for construction works signed with Chinese Company CCECC in January,2017 to the amount of 23,8 million Euros. Works on this section started on 30 March 2017. The deadline for completion is April 2018. However a extension of the deadline to 30 June 2018 was accepted and works are still in progress.
2. Reconstruction of Jajinci to Mala Krsna Section (L=59 km.) and Reconstruction of Mala Krsna Railway Station – 40 million Euros, Tender documentation has been prepared and submitted to the Bank for approval. On 1 Jun 2018 EBRD released invitation for submitting of tender for the works on the reconstruction of the section. The deadline for submission of bids is extended until August 14, 2018.
3. Electro-technical infrastructure reconstruction on the railways of Belgrade Junction and Sections Stara Pazova to Sid, Resnik to Lapovo and Mala Krsna to Velika Plana – 3,55 million Euros. On 4 July 2018 Tender was floated and the deadline for closing the tender is August 22, 2018;
4. Procurement of tamping machines – Procurement procedure was conducted in accordance with EBRD rules. Of all bids received, only one met the technical requirements defined in the tender documentation, but it was financially unacceptable. Therefore, on March 13, 2018 the decision was made by the Board of Directors to suspend the procurement procedure of the bidders. The proposal of the JSC “Serbian Railway Infrastructure” is to replace the existing machines of the bumpers instead of purchasing new ones. In the following period, a decision will be made on the implementation of this component;
5. Procurement of testing cars - On 28.12.2017. The contract was signed in the amount of 2.244.000 EUR with the company "TBEMA" on the delivery of testing cars. The deadline for delivery is July 2019;

6. Procurement of draisine: The contract for the delivery of draisine was signed on February 12, 2017. with “Geismar” . Deadline for delivery is January 2019;
7. Procurement of timetable making software: The technical part of the tender documentation has been completed and tender documentation is being prepared to be submitted to EBRD for approval.
8. Process of choosing of Supervision for executed works for components 2 and 3: is in progress. Two-step procedure of the selection process started. On 21 May 2018,
9. Overhaul and modernization of 5 EMU train sets- 3,5 million Euros. The contract was signed on November 23, 2017 with the Consortium Shinvoz LTD Zrenjanin and CRRC ZHUHOU LOCOMOTIVE CO. LTD CO. ZHOHOU China. The value of the contract is 3,489,985 euros. The deadline for delivery is 18 months from the date of signing the contract.

Project: Corridor X- EBRD 4

Loan Agreement to the value of 100 million Euros signed and ratified in 2010. Annex with amendments to the Agreement signed in November 2016. Utilization of the Loan is in two components:

1 Component: infrastructure – 36 million Euros

- Beneficiary: “Infrastructure Railways of Serbia” JSC;
- Procurement of new materials for superstructure rehabilitation of the railways along Corridor X;
- Procurement of new machinery for the maintenance of railway.

The Project was completed in full by the end of 2016.

For the leftover of the Loan sum of 4.075.661,21 Euro, the Bank issued a consent that it may be utilized for procurement of a additional quantity of goods that already participate in the Project.

2 Component: rolling stock – 64 million Euros

- Beneficiary: “Serbia Cargo” JSC.
- Procurement of 8 new multisystem electrical locomotives and overhaul of existing 31.

On May 24, 2018 the delivery contract with SIEMENS was signed. The value of the contract is 31.998.906,65 euros, and the delivery is planned to be realized until 10.03.2019.

According to information Serbia Cargo JSC tender for modernization of existing locomotives has failed. An analysis is underway to determine the possibility of relocating of available funds for procurement of new or overhaul of other rolling stocks.

Project: Passenger electric train sets EBRD 3

Loan of the value of 100 million Euros signed and ratified in 2013. Beneficiary: “Serbia Train” JSC

Procurement of 21 set of multiunit electric passenger trains manufactured by the Swiss company “Stadler Bussnang AG”

All sets were delivered in 2015 in accordance to the contract. All sets are now in service.

CONSTRUCTION OF RAILWAY INFRASTRUCTURE AND THE PROCUREMENT OF DIESEL MOTOR TRAIN SETS (“RUSSIAN LOAN”)



- **The Agreement on Russian export loan to the Republic of Serbia was signed in 2013 in Moscow and the Protocol amending the Agreement on the Approval of the Russian export loan was signed in 2016 in Belgrade.**
- **The Loan is on 800 million dollars, and the value of the project to be financed is 940 million dollars. The Project is financed 85% from the loan amount and 15% is the participation of The Republic of Serbia.**
- **The Contract on the Construction of Railway Infrastructure and the Delivery of Diesel Motor Trains Sets envisages the realization of 5 projects each covered with a separate contract (annexes):**
 - **Contractor:** Russian company "RZD International
 - **Beneficiary:** “Infrastructure Railways of Serbia” in Annexes 1, 2.1, 2.2, 3.1,3.2 and 4.1 and “Serbia Train” JSC for the realization of Annex 5
- **Annex 1. Construction and electrification of the second track of the railway Pancevo Bridge to Pancevo Main Station**
 - Project value: 89.94 million dollars
 - Works commenced in March 2014.
 - Traffic opened on the new track from Ovca to Pancevo Main
 - Additional works on two rail over road overpasses completed in January 2017.
 - Project on this section completed in full (100%)
- **Annex 2. Reconstruction of six sections of Rail Corridor X**
 - The Annex 2 is done in two phases
 - Annex 2.1. – Reconstruction of 3 “north sections” of Corridor X
 - Project value: 48.7 million dollars
 - Works started in 2015
 - All works on these sections completed in 2016
 - Project completed in full (100%)
 - Annex 2.2. – Reconstruction of three “south” section of Corridor X
 - Project value: 37,13 million dollars
 - Works started in 2016

All works on these sections completed in 2017

Project completed in full (100%)

- **Annex 3. Reconstruction and modernization of sections Stara Pazova – Novi Sad (40,4 km)**

- Spatial Plan of Special Purposes (SPSP) for the railway line Belgrade –Novi Sad- Subotica - state border (Kelebija) was adopted by the Government of the Republic of Serbia in March 2017.

Implementation of the Project has been planned in phases:

- Annex 3.1. signed on 15 July 2016 covers construction works on a Tunnel (around 1.2km) and viaduct (around 3km). An Amendment to Annex 3.1. was signed on February 3, 2017. The contracted value is 337.603.553,35 dollars. The works commenced in September 2017 with the completion deadline of 52 months.

Status of technical and commercial documentation								
General design	Feasibility study	Preliminary design with Feasibility Study and Study on environmental	Spatial plan	Commercial contract	Land acquisition	Design for construction license	Construction license	Financing
Adopted	Adopted	Adopted	Adop.	Concluded	Performed	Adopted	Issued	Concluded

- Annex 3.2. signed on 21 November 2017, covers construction of a double track railway for which the Main Design is finished, of Section Stara Pazova – Novi Sad, and delivery of necessary materials and equipment. Works have started on 16 March 2018 and planned completion of works is set for December 2021. Currently, construction works are in progress on the section from Stara Pazova to Indija.

Status of technical and commercial documentation								
General design	Feasibility study	Preliminary design with Feasibility Study and Study on environmental	Spatial plan	Commercial contract	Land acquisition	Design for construction license	Construction license	Financing
Adopted	Adopted	Adopted	Adop.	Renewal necessary	In progress	Adopted	Issued	Renegotiation of Annex

- **Annex 4. Reconstruction of railway line Belgrade to Vrbnica (Bar)**

- Annex 4.1. reconstruction of the section Resnik to Valjevo
 - Value: 72,1 million dollars
 - To be executed in two phases:
 - Reconstruction of section Resnik to Vreoci. Works on this section were commenced in July 2016 and finished in July 17.
 - Reconstruction of section Vreoci to Valjevo, with works completed in November 2017.
 - Level of progress of work on this section is 100%.

- **Annex 5. Procurement of diesel motor train units**

- **Value:** 100 million dollars
- Delivery of 27 diesel motor trains units by Russian manufacturer “Metrovagonmas” O.A.D
- In accordance with the Schedule of delivery, all of the 27 DMU- s and a half of the major equipment components and spare parts were delivered
- The Annex/contract has been completed in full (100 %.)

**PROJECT OF MODERNIZATION OF THE RAILWAY LINE
NIS to DIMITROVGRAD**

The NIS to Dimitrovgrad Railway Line, 96 km in length, is an integral part of the TEN-T European Rail Corridor X.

At present the reconstruction and modernization of this railway line is being done through the following projects.

- **Project on reconstruction of the section Sicevo-Dimitrovgrad, (80 km in length.)**

Reconstruction of railway infrastructure and preparation for electrification. Preparation of project and tender documentation is underway. Value of this component is about € 84 million. The beginning of reconstruction works is planned for the end of 2018 or beginning of 2019. Financing contract and Investment Grant Agreement for this component were signed on January 31, 2018.

Status of technical and commercial documentation								
General design	Feasibility study	Preliminary design with Feasibility Study and Study on environmental	Spatial plan	Commercial contract	Land acquisition	Design for construction license	Construction license	Financing
Adopted	Adopted	Update in progress	Adop.	Biding	to be done	Ajusted		WIBF/EIB

- **Project of Nis-Dimitrovgrad Railway line Electrification (86 km in length)**

Electrification and installing of signaling and telecommunication devices planed.. Preparation of project documentation is in progress. The investment value is € 56,2 million. Sources of funding are provided through a Financing contract and Investment Grant Agreement for electrification works.

Status of technical and commercial documentation								
General design	Feasibility study	Preliminary design with Feasibility Study and Study on environmental impact	Spatial plan	Commercial contract	Land acquisition	Design for construction license	Construction license	Financing
Adopted	Adopted	Under process of update	Change	Biding	Possible additional	Design under way	no	WIBF/EIB

- **Project of constructing the Railway Bypass around the city of Nis (22 km in length).**

The estimated value of the Project is around 90,7 million Euros. Financing of the Project is partly provided through the Financing contract and planes are to apply for a new Grant during 2018. The Preliminary Design has been completed and the procedures of land acquisition has started. Land acquisition is expected to be finished in 2018. WBIF approved a donation of EUR 2 million for the development of the Design for Building Permit. Tender for preparing documentation for construction works on the bypass is floated in June 2018.

Status of technical and commercial documentation								
General design	Feasibility study	Preliminary design with Feasibility Study and Study on environmental impact	Spatial plan	Commercial contract	Land acquisition	Design for construction license	Construction license	Financing
Adopted	Adopted	Adopted	Changes possible	Bidding	Under way	Design under way	no	EIB// WBIF negotiations in progress

Successful completing of the above projects would solve the long lasting functionality problems in the Railway Junction Nis and achieve, together with other ongoing projects of modernization and reconstruction of sections of the Rail Corridor X in the territory of Serbia, a modern functional double track Core Corridor for domestic, regional and international rail transport.

PROJECT OF RECONSTRUCTION AND MODERNIZATION OF THE SECTION NIŠ – BRESTOVAC ON THE RAILWAY LINE NIŠ-PREŠEVO-BORDER OF MACEDONIA

The project concerns the section Niš-Brestovac (23.4 km), as the first section of the railway Niš-Presevo, with the aim of reconstructing and modernizing of the railway for speeds of up to 120 km/h. Funds are provided by IPA 2015 in the total amount of EUR 62.7 million (with a national co-financing of 15%). The IPA 2015 contract was signed in December 2016. The beginning of works is planned in 2019.

PROJECT RAILWAY STATION BELGRADE CENTER – PHASE I

Total value 26 million Euros;

Source of funding: Loan of Kuwaiti fund for Arab Economic Development – KAFED.

Contractor: Energoprojekt, Belgrade.

Commencement of works: December, 3, 2014.

Project completed in full on: January, 26, 2016.

The project consists of reconstruction of station facilities for handling of inboard and outboard passengers, rail tracks, rail contact network, Energy supply System of the station, Communication, Control, Command and Signaling Subsystems, works on the finalization of parts of facilities and utilities on the First and Second Platform and the reconstruction of the signal box, etc.

INTERMEDIAT PHASE OF THE PROJECT

KAFED has given consent that the unutilized amount from Phase I to the sum of 3, 7 million Euros be designated for works during the intermediate phase between the finished Phase I and planned Phase II. The amount would be utilized for extending the platform at level 105 above Platform I and II.

The Project technical documentation has been completed on the expense of the State

Budget. Construction has begun in April 2018 and is expected to be finished by December 2018.

Status of technical and commercial documentation								
General design	Feasibility study	Preliminary design with Feasibility Study and Study on environmental impact	Spatial plan	Commercial contract	Land acquisition	Design for construction license	Construction license	Financing
Adopted	Adopted	Adopted	Adopted	Concluded	Unnecessary	Adopted	Issued	KAFED

RECONSTRUCTION AND MODERNIZATION OF RAILWAY Belgrade – Budapest



- Project goal: construction, modernization and reconstruction of the part of the existing railway and the construction of the new track to provide a double-track railway for passenger and freight traffic for speeds of up to 200km per hour and in compliance with the regulations for interoperability on Core Railway Corridors of the European Railway Network (TEN-T)
- On the territory of the Republic of Serbia the length of the railway is 188 km and is divided into three sections:
 - Belgrade – Stara Pazova (34,5 km)
 - Stara Pazova – Novi Sad (40,4 km)
 - Novi Sad– Subotica- border with Hungary(Kelebija), (108,1 km)

- Section Stara Pazova– Novi Sad is being implemented through the Russian Federation Loan. (Remark: More information in chapter: Construction of Railway infrastructure “ Russian Loan”- Annex 3. on page 28.)
 - The remaining two sections are the subject of cooperation between The People's Republic of China, Hungary, and The Republic of Serbia, as a project of (1+16) China-Central and East Europe Countries initiative, as to the MOU on Cooperation in the Modernization and Reconstruction of the Hungarian- Serbian Railway, signed between the parties in November 2014.
- The China – Serbia cooperation on this Project is based on the, in force, Agreement on Economic and Technical Cooperation in the Area of Infrastructure between the Government of the Republic of Serbia and the Government of the People’s Republic of China signed in Beijing in August 2009.
 - The General Contract signed in November, 2015, based on the Agreement, established the main principles to be applied in the Commercial Contract, and determined the contracting parties: the Investor - “Infrastructure company Railways of Serbia“, Financier - Government of Serbia, and Contractor- Consortium "China Railway International Corporation Co.Ltd.“ and "China Communications Construction Company Ltd“.



- The Commercial Contract for Reconstruction and Modernization of the Hungarian Serbian Railway in the Territory of the Republic of Serbia for the Section – Belgrade (Center) to Stara Pazova has been concluded on November 6, 2016, to the value of 350,1 Million US\$, under the condition of coming into force after coming into force of the Loan Agreement with China EXIM bank for financing the Project.
- PREFERENTIAL BUYER CREDIT LOAN AGREEMENT On Project of Modernization and Reconstruction of Hungarian-Serbian Railway Line on the Territory of the Republic of Serbia, for Section Belgrade Center-Stara Pazova, was signed in Beijing, on May, 15, 2017.
- The Government of Serbia has in March 2017, adopted the Order of Establishing the Spatial Plan of Area of Special Purpose of the Infrastructure Corridor of the Railway Line Belgrade- Novi Sad- Subotica- State border (Kelebija).

Status of technical and commercial documentation								
General design	Feasibility study	Preliminary design with Feasibility Study and Study on enviromental impact	Spatial plan	Commercial contract	Land acquisition	Design for construction license	Construction license	Financing
Adopted	Adopted	Adopted	Adopted	Concluded	In progress	Under review of investor	Prepared for submit ion	China EX-IM

- The National Review Committee is reviewing the Preliminary Design for the section Novi Sad – Subotica prepared and founded by IPA funds, for a double track line for speed up to 160 km/h, the above-mentioned documentation was subject to consideration by the State Review Committee and appropriate recommendations were given. In October, the contract with Institute for Transport CIP Belgrade was concluded for redesigning the Preliminary Design.
- Negotiations on the commercial contract for modernization and reconstruction of this section of the railway I were restarted in April 2018. The Commercial contract was signed in July 2018 during the 16+1 Summit in Sofia, Bulgaria.

Status of technical and commercial documentation								
General design	Feasibility study	Preliminary design with Feasibility Study and Study on environmental impact	Spatial plan	Commercial contract	Land acquisition	Design for construction license	Construction license	Financing
Adopted	Adopted	Prepared	In progress	Concluded	not started	In preparation	no	Negotiation China EX-IM bank

PROJECT OF INOVATION OF TECHNICAL PASSENGER STATION (TPS) ZEMUN

The TPS Zemun project implies the construction of all necessary facilities, tracks, plants, equipment and installations that are in the function of care and maintenance of railway rolling stock for passenger transport.

Phase 1 is divided into 2 stages.

- 1 stage – 30 million Euros
- 2 stage -17 million Euros

Preliminary Design and Design for Construction Permit for the first phase of the project has been finished (financed from the Budget of the Republic of Serbia). Loan agreement with EBRD for first stage was signed on December 7, 2017. For second stage, it is expected that Loan agreement would be signed during before the end of this year. The commencement of works is planned in the end of 2018.

PROJECT OF CONSTRUCTION OF CONTAINER TERMINAL MAKIS (ZIT)

The location of the terminal is planned as a part of the Marshalling track of Belgrade Marshalling Station. Preliminary Design, Design for construction license and Design for Construction Works for the Container Terminal were prepared from funds out of the Budget of the Republic of Serbia. From the budget of the Republic of Serbia about 5 million euros have been allocated for the purpose of this project for which works begun in 2018. In progress is tender procedure for choosing of the Constructor.

BRIDGES AND OTHER INFRASTRUCTURAL FACILITIES

BRIDGE ZEMUN – BORCA WITH ACCESS ROADS

- The total length of the road -21.2 km out of which the bridge over the Danube is 1.482m in length
- Total Investment value – 255 million US dollars
- Financing- Chinese EXIM Bank Loan (85%) and the budget of the Republic of Serbia and the Municipality of Belgrade (15%)
- Design – Institute for Transport “CIP“, Belgrade
- Contractor - China Road and Bridge Corporation (CRBC)
- Subcontractor – Ratko Mitrovic Civil Engineering Enterprize, Belgrade.

Sections opened for traffic

- **18 December 2014** – from Novi Sad to Belgrade Road to junction with Belgrade to Zrenjanin Road, including the Bridge across the river Danube
- **3 October 2015** – from the junction with Belgrade to Zrenjanin Road to the junction with Belgrade to Ovca Road.
- **27 December 2015** from Belgrade to Ovca Road to junction with Belgrade to Pancevo Road marking the end - full completion of the implement Project (from Novi Sad-Belgrade Highway to Belgrade-Pancevo Road)



THE CONSTRUCTION OF “ZEZELJ’S BRIDGE” ACROSS THE DANUBE RIVER AT NOVI SAD

The Bridge is located on the route of the International Railway Line Belgrade – Novi Sad – Subotica (Budapest) in the metropolitan area of the city of Novi Sad and is a part of city’s street network.

- The Bridge is of the length of 474 meters and the technical documentation envisages: two rail tracks, two road traffic lanes 7.7meters in width and two 2.5 meters wide bicycle – pedestrian paths
 - Contractor: JV Azvi – Taddei – Horta Coslada,
 - Supervision: DB International- EGIS International. Value of Supervision contract is 2 million Euros
 - Total investment – 52.57 million Euros
- **The construction of access road to “Zezelj’S Bridge** are of total investment value of 4.1 million Euros and are funded from IPA 2015 Funds. The works commenced in April, 2017.
 - The opening of the bridge for road traffic was on September 1, 2018 and completion of all works and access roads is expected in the first quarter of the year 2019



RIVER DRINA, BRIDGE LJUBOVIJA – BRATUNAC (WITH ACCESS ROADS AND JOINT BORDER CROSSING)

- Total investment – 13 million Euros;
- Funding – The bridge and access roads in the Republic of Serbia funded by the budget of The Republic of Serbia and the facilities at the border crossings and access road facilities in the territory of Bosnia and Herzegovina will be funded by The Republic of Srpska and Bosnia and Herzegovina;
- Contract on the construction works was signed with the consortium led by the company MBA – Ratko Mitrovic on the 29 September 2015.
- Contract on the expert supervision was signed with the Institute of Transportation - CIP Belgrade on the 16 October 2015.
- Bridge construction works started on 20 October 2015, with the bridge completed within the agreed deadline on September 20, 2017 ;
- Usage permit was issued on July 16, 2018. Years
- The investment value of construction of objects, financed by the Republic of Serbia, amount to 683 million dinars.
- Bosnia and Herzegovina has not yet begun the realization of the construction of buildings, the constructions to be financed on the expense of their party.
- The Government of the Republic of Serbia has adopted the text of the Intergovernmental Agreement between the Government of the Republic of Serbia and the Council of Ministers of Bosnia and Herzegovina on the construction and establishment of a new joint border crossing point at Ljubovija-Bratunac. Upon the adoption of the same by the authorized bodies of Bosnia and Herzegovina, the authorized ministers will be able to sign the Agreement, which will be the basis for the commencement of the construction of the facilities of the joint border crossing.



PROJECT “BELGRADE WATERFRONT“

Spreads over 1 million square
meters Home for 14.000 people
Offices for 12.000
employees

- Government conclusion- Project of primary importance of the Republic of Serbia (May, 1,2014, 05 No: 350-3533/2014)
- Spatial Plan of the Area of Special Purposes adopted. It represents-determines ground - locations for the construction of all facilities of the Plan. (January, 31,2015)
- Company “BELGRADE WATERFRONT “is founded. The Company is the Investor of the all building facilities on the site location, while for infrastructure objects and facilities the Investor is the Belgrade City Municipality.
- Special law on the “Belgrade Waterfront “was adopted. The Law presents grounds for the management of special procedures of land acquisition.
- The settlement of legal-property rights and relations on the location is in progress, by the payment to the owners of the market price of the property involved. Most of present facilities have been torn down, with tenants being moved into appropriate lodgings- apartments.
- Upon the fulfilled public procurement procedure, on April, 22, 2015 the contract with Institute of Transport CIP Belgrade for preparing of technical documentation was signed, followed by an Annex to the Contract of May, 25, 2016 for 5 Projects (Project Railway Station Belgrade Center ,Project of Constructing Technical passenger station Zemin (TPC), Container Terminal Project in Makes, Project of construction of the out of the levels intersection at Botanica of Railway No. 5 with the state class I – 319 Road Belgrade-Sid (State border) at the km 20+993, and the Project of displacement of the road Belgrade to Sremcica (Zeleznik) The total value of the Contract is RSD 793.800.000 ,VAT included.

(Remark: Each of the above 5 mentioned projects are specified in detail under the same project title in the section of this booklet concerning railway projects, distributed to subsections determined on the stage of maturity- in implementation or in planning)

Land acquisition of the site for Building Blocks 14, 18 and 19 has been acquired making the above locations available to “Belgrade Waterfront” perform preparatory work and open the Construction site.

So far full technical documentation has been prepared and adopted so Construction Permits were issued for the following:

- For 1,8 kilometers of Sava Promenade, embankment on the right bank of Sava River
- For Plot 14 - two residential towers, Tower A and Tower B, each consisting of Cellar + Ground floor + 19 floors + technical level floor, with a interconnecting plateau building consisting of 296 Luxury Apartments with including Indoor pool, Gym etc. Works in progress. To be completed on April 2018.



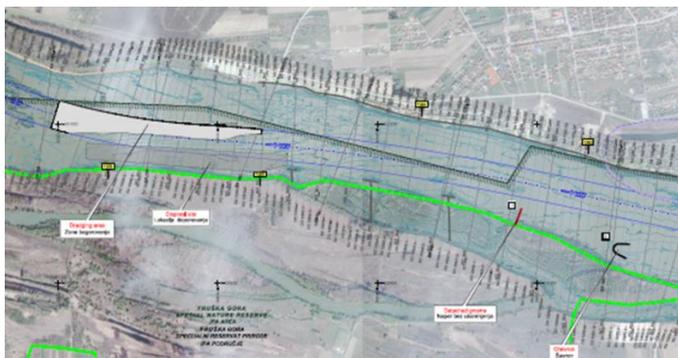
RESIDENTIAL AND COMMUNAL PROJECTS

- The project of the renovation of a residential block in Kraljevo consists of the demolition of 21 unsafe residential buildings damaged in the 2010 earthquake and the construction of 4 new buildings with 366 apartments to the value of 8 million Euros. Through tendering procedure architectural design chosen. The Main Design was prepared and adopted and the Construction permit for the first facility (building) is issued and construction started. Deadline to complete the Project is December, 31, 2019.
- The construction of apartments for socially deprived population members in 6 cities (Zrenjanin, Kikinda, Kraljevo, Nis, Stara Pazova and Cacak) of the total value of around 550 million dinars (RSD), funded with 200 million dinars by the Republic of Serbia - 65 apartments built. .

The enhancement of communal infrastructure in Roma settlements – IPA 2012 and IPA 2013 funds. Through IPA 2012 project 13 sets of technical documentation for infrastructure projects in Roma settlements were prepared. The IPA 2013 projects – TA and Grant scheme (total contracts value 10,5 millions EUR)– include: Implementation of the utility infrastructure projects in substandard Roma settlements in 13 municipalities (construction of utility infrastructure, connection of individual buildings to the infrastructure network; parceling for the purposes of legalization, reconstruction/ renovation or construction of housing); development of the regulatory urban plans, for the purpose of future project documentation preparation; preparation of technical documentation for future infrastructure projects in 13 municipalities.

INNER WATERWAYS ONGOING PROJECTS

HYDRO-TECHNICAL AND DREDGING WORKS ON THE CRITICAL SECTORS ON THE DANUBE RIVER IN SERBIA, BETWEEN BACKA PALANKA AND BELGRADE



Project aim is to eliminate 6 critical sectors on the stretch of the Danube River between Belgrade and Backa Palanka, from km 1287 to km1195, whereby the safety of navigation on Serbian inland waterways will be significantly improved. The main activities of the Project include construction of hydro-technical structures and dredging of fluvial sediments in compliance with the environmental protection requirements.

Works shall be conducted in six sectors:

- Susek, from km 1285.6 to km 1281.4, dredging of alluvium;
- Futog, from km 1266.2 to km 1265, construction of a chevron and a groin;
- Arankina Ada, from km 1247 to km 1244.8, dredging of alluvium;
- Čortanovci, from km 1248 to km 1246 and from 1241.6 to km 1235, construction of hydrological engineering structures in the right tributary;
- Beška, km1229,7-km1227,9, dredging of fluvial sediments, and
- Preliv, from km 1199 to km 1197.7, construction of two chevrons upstream of Belegiška Ada.

Technical documentation for this Project was produced by consortium “Witteveen+Bos” Netherlands, “DHI” Denmark and “Energoprojekt” Serbia.

Funding source: IPA 2013 and 15% own national co-financing

Estimated Project cost: EUR 14.1 million

Contract value: EUR 9.3 million

The Project is being implemented through the realisation of two contracts:

1. **Hydro-technical and Dredging Works on the Critical Sectors on the Danube River**

Estimated cost: EUR 12.1 million

Contract value: EUR 7.6 million

Contract has been signed with the selected bidder (the consortium comprising of Agromah Ltd, Belo Polje, Blagoevgrad, Bulgaria, Regulacije d.o.o. (Ltd.), Serbia and Kolubara d.o.o. (Ltd.), Serbia). Works have been planned to commence in 2017.

2. **Supervision and Environmental Monitoring of Hydro-Technical and Dredging Works on the Critical Sectors on the Danube River**

Estimated cost: EUR 2 million

Contract value: EUR 1.7 million

Contract has been signed with the selected bidder (company ACCIONA Ingenieria SA from Spain).

Implementation deadline: 2020

DEVELOPMENT AND INSTALLATION OF THE NAVIGATION MONITORING AND ELECTRONIC FAIRWAY MARKING SYSTEM ON THE DANUBE RIVER (ATONS)



Project aim is to provide procurement and installation of equipment for establishing of the navigation monitoring and fairway marking system on the Danube River.

Under this Project more than 160 navigation buoys will be allocated on the Danube River which are equipped with AIS AtoN transponders that will enable real-time monitoring of the condition of the marking system and at the same time make the navigation buoys more visible for all the participants in navigation by using the AIS and ECDIS systems on the ship deck. The introduction of the AIS AtoN technology in marking of waterways and management of the fairway marking system is a significant improvement compared with the traditional methods used in the inland waterways. **The modern supervision and early warning system and management of the fairway marking system will enable** :centralized supervision, faster and more efficient decision making, better planning enable immediate electronic marking of the fairway, usage of electronic navigation charts to always be informed of the position of the fairway, irrespective of the actual navigation conditions (fog, night, damage to the existing buoys for fairway marking, etc. or conditions where it is impossible to physically mark the fairway or where such marking requires time).

Technical documentation for this Project has been drawn up by the RGO Komunikacije d.o.o. (Ltd.) company from Croatia.

Funding source: IPA 2013 and 15% Government co-financing.

Estimated cost: EUR 2.65 million

Contract value: EUR 2.56 million

The Project is being implemented through the realisation of three contracts:

1. Technical assistance and supervision of equipment installation and integration of the navigation monitoring system on the Danube River

Contract value: EUR 749,600

Contract has been signed with the best bidder (Consortium comprising of RGO Komunikacije d.o.o. (Ltd.) from Croatia and KIOS a.s. from Slovakia). Contract realization started on July 1, 2016

1. Procurement and Installation of Equipment for Navigation Monitoring on the Danube River

Contract value: EUR 973,273

In June 2017, the contract was signed with the best bidder (Consortium comprising of Sealite United Kingdom Ltd, from Great Britain, Kentron Technologies S.R.L. from Romania and Navitronica d.o.o. (Ltd.) from Serbia). Contract realisation started in September 2017.

2. Integration of the Navigation Monitoring System on the Danube River

Contract value: EUR 839,000

In June 2017, agreement was signed with the most successful bidder, SAFEGE, France, RSOE (National Association of Radio Distress-Signalling and Infocommunications) and SAFEGE d.o.o. (Ltd.) Serbia Agreement realisation started in September 2017. **Completion deadline:** 2018

REHABILITATION OF NAVIGATION LOCKS AT HEPS DJERDAP



Project aim is to improve the technical conditions for navigation and safety of navigating ships. Navigation lock at HEPS Djerdap 1 has been continuously in operation since 1970. The navigation lock is situated in km 943 of the Danube River from the river estuary in the Black Sea. Over the past 47 years, no significant works on the overhaul of mechanical or other equipment of the navigation lock have been conducted, due to which the functionality of this navigation lock has been jeopardized, which may potentially lead to catastrophic effects on the overall navigation on the Danube and in Europe, as well as on industry and economy in this region.

Estimated Project cost: EUR 28.5 million

Funding source: 40% is financed from the Connecting Europe Facility (CEF) funds - 40%, 60%- will be provided from the EIB Framework Loan for the development of river transport Infrastructure projects.

Implemented and planned activities:

- The Grant Agreement with European Commission was signed on October 24, 2017.
- The Environmental Impact Assessment Study was adopted in April.
- Technical documentation was adopted in December 2017. Tender documentation for the implementation of the contractor selection procedure has been prepared. In accordance with PRAG procedures, Prior Information Notice was published on March 27, 2018. The publication of the Contract Notice with the tender dossier for the contract on the execution of works is expected on 17.7.2018. A previous control notice was published on June 9, 2018. The contract notice with the tender dossier for the supervisory agreement is expected in early September 2018. The conclusion of the works contract is expected in December 2018, and for monitoring in January 2019.

Implementation deadline: September 2020

REHABILITATION OF THE CRITICAL SECTORS ON THE SAVA RIVER PROJECT

Project aim is to provide the prescribed fairway parameters by conducting the dredging works to remove the fluvial sediments from the riverbed of the Sava River. In 2017 rehabilitation works of the first critical sector “Kamičak” on the Sava River from km 87 to km 83 have been conducted.



This dredging works are financed from the budget of the Ministry of Construction, Transport and Infrastructure – Directorate for Inland Waterways.

The regulation of the critical sector “ Šabac” (km 100.500 to km 99.100) is planned for September 2018 and the critical sectors Sremska Mitrovica and Klenak in 2019. **Estimated cost of the five critical sectors on the Sava River:** 9 million EUR.

Estimated cost of works on rehabilitation of four critical sectors (Sremska Mitrovica, Klenak, Šabac and Kamičak): EUR 2 million. The plan for the next two years is that the rehabilitation of the remaining three critical sectors be financed from the same source as first-**Kamičak project**.

Estimated cost of rehabilitation of the critical sector “Estuary of the Drina and Sava Rivers”: EUR 5,5 millions. This project will be proposed for IPA 2018 financing as it requires construction of the hydro-technical structures as well as dredging works. The Project has been assessed as a project of strategic relevance and was given a high mark and included in the Single Project Pipeline. **Implementation period:** from 2017 until 2022

EXPANSION OF CAPACITIES OF THE TERMINAL FOR DRY BULK AND GENERAL CARGO OF THE SMEDEREVO PORT



Project aim is to enable the economic entities located in the port area usage of the port facilities. The city of Smederevo is situated on the European TEN-T Rhine-Danube corridor and in the immediate vicinity of the Corridor X. The developed industrial area of the Port of Smederevo has not yet been adequately used for the purposes of economic development of this region of Serbia. This Project includes construction of the Bulk and General Cargo Terminal within the Port of Smederevo, capacity of handling approximately 5 million of tons of different types of goods, Account shall be taken of the future capacities of the Terminal, which need to enable handling of goods for the needs of both the existing and new economic operators and production facilities in the planned industrial park in the Smederevo Port

area.

The technical documentation is being drawn up by a group of bidders (consortium) comprising of the Exting d.o.o. (Ltd.) company, CIP Transport Institute d.o.o. (Ltd.), CPM Consulting d.o.o. (Ltd.), Utving VS d.o.o. (Ltd.) and Trioprojekt d.o.o. (Ltd.), with the adoption of the technical documentation (Feasibility Study with the Preliminary Design and Project for obtaining the construction permit) is expected by August 2018.

Estimated cost of the works on Port construction: EUR 93 million

Estimated cost of the construction of port infrastructure: EUR 43 million and it will be financed by the Republic of Serbia.

Financing source: 50% of the value of works on the construction of port infrastructure will be provided from the Framework Loan for the Development of River Transport Infrastructure Projects while the remaining funds will be provided in the budget of the Republic of Serbia.

Implemented and planned activities:

After the public procurement procedure, a contract was signed for the design of technical documentation with a group of bidders made up of Ehting doo, Traffic Institute CIP doo, CPM Consulting d.o.o, Utving VS d.o.o. and Trioprojekt d.o.o. The technical documentation (Feasibility Studies with the Preliminary Design) was adopted in August 2018.

Construction works on port infrastructure will commence in: November 2019

The procedure for port concession allocation for the construction of port superstructure, maintenance of port infrastructure and port management is expected to be conducted in mid-2019.

CONSTRUCTION OF A NEW RAILWAY LINE, FROM THE MALA KRSNA – SMEDEREVO TO THE NEW PORT OF SMEDEREVO

The project aim is to connect the existing railway Mala Krsna-Smederevo to the New Port of Smederevo by constructing 5.5 km of a public railway line.

Implemented and planned activities:

The first phase of this project is implemented through two contracts:

- 1) Execution of works on the construction of the railway. After the conducted public procurement procedure, a contract was signed with a group of bidders Strabag.d.o.o, Vojvodinaput-Pancevo, Strabag AD, Austria, PRO-engineering d.o.o. Belgrade, TPA d.o.o Belgrade
- 2) Supervision of works. After the conducted public procurement procedure, a contract was signed with the CIP Traffic Institute.

Works on the construction of the railway line began on April 16, 2018, and the first phase will be completed by 2 October So far, about 4 km of thresholds and rails have been set up.

Public procurement for the second phase of the project, which includes electrification of the railway, is underway.

Estimated cost of design and construction: RSD 1,011,700,769 (EUR 8 million)

Contract value for execution of works for the first phase: 586.110.718,00 dinars,

AIR TRAFFIC

1. OVERVIEW

- Serbian airports are in the center of Balkans and are located at the crossroads of important corridors (X railway and VII- water- river Danube) of central and East Europe.



SERBIAN AIRPORT NETWORK

- Airports for commercial air traffic - 21
- International airports - 2
- Airports for noncommercial air traffic - 9

There are 32 registered airports in the Republic of Serbia, of which 2 with *Aerodrome certificate*, 20 with *Approval to operate an aerodrome* and 10 with *Agreement to operate an aerodrome*.

International regular public air transport is conducted from Belgrade's "Nikola Tesla" airport and Nis "Konstantin Veliki" airport. Regulatory and investment atmosphere significantly improved as well as the competitiveness of aviation market. Established as a basis for the operation of international air traffic – bilateral and multilateral relations with almost all countries worldwide.

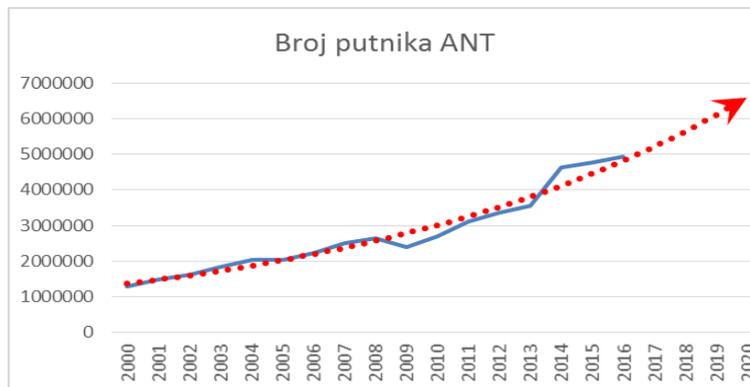
Thanks to the abovementioned, all subjects from the system of air traffic have had positive trend in doing business. Among them Air Serbia is especially stressed, as an airline, and all other companies that deal with air traffic infrastructure, airport „Nikola Tesla“ Belgrade, airport „Constantine the Great“ Nis and SMATSA.

SMATSA has reached the top of the ladder when it comes to the standards of air space navigation service provision and have the leading place within Western Balkan Countries.

“Constantine the Great” and “Nikola Tesla“ airports continue with a positive trend in passenger and freight transport.

Airport “Nikola Tesla” Belgrade

Airport Nikola Tesla is approaching the limit of available capacities when it comes to the admission of passengers (current capacity is 6 500 000 passengers per year). Thus, the Government of the Republic of Serbia has started an Initiative for the election of strategic partner for the airport's further development.



Privatization partner, French company “Lazard”, has been chosen in order to prepare a future development model. Based on detailed analysis and Consultant proposals, the Government had decided to choose the concession as the future model of the airport development. Public invitation was floated on February 10th 2017.

The Republic of Serbia and ANT (Airport "Nikola Tesla") appointed on January 6th 2018 VINCI Airports, the world's fourth largest airport operator, a concessionaire for Belgrade's Nikola Tesla airport. The 25 years concession agreement covers the financing, operation, maintenance, expansion and renovation of the existing airport terminal and runway system.

The signature of the concession agreement on March 22nd 2018 marks the beginning of a 6-month period during which VINCI Airports must fulfill the conditions precedent set out in the concession contract, such as the signing and entry into force of the financial agreements. The concession will

officially begin when these conditions are met.

Expected investments into infrastructure of ANT until 2042 is around of one billion euros and based on the forecast on traffic growth.



Air Serbia – since the establishment doubled income and apart from the intercontinental flights–transatlantic regular service.

INTELLIGENT TRANSPORTATION SYSTEMS (ITS)

Currently, ITS has been implemented only on some parts of Corridor X. ITS equipment was installed in four tunnels on the Belgrade bypass and traffic management is carried out by a temporary control center within Public Enterprise “Road of Serbia“. Furthermore, on some sections of Corridor X (E-80: Nis - Bulgarian border, E-75: Nis - Macedonian border), which are currently under construction, ITS has been installed in several tunnels. All sections under construction are designed in accordance with ITS requirements and installation is underway.

Roads of Serbia possess their own *telecommunications network (TC)* which is installed on the following sections:

1. A TC network realized with an optic cable on the line of the tunnel “Strazevica”, tunnel “Zeleznik”, tunnel “Lipak”, TC “Ostruznica”, telephone center “number 8” with a cable copy from “Orlovaca” loop, going towards the Control room of PE “Roads of Serbia” located on Petlovo Brdo.
2. TC network realised with a wireless link in a licensed frequency range on the line TC “Sava Centre”- TC “Ostruznica”
3. TC network realised by a wireless link in an unlicensed frequency range on the lines of Intersection between Blvd. Mihajla Pupina – Blvd. Nikola Tesla/ TC “Sava Centre”
4. Road section A1 “passage through Belgrade” loop “Emergency Help” – TC “Sava Centre”

A *TETRA radio system* is established in Serbia, for emergency services communications. This system is available on the E75 and E80 highways. Duct pipes are being provided on the new highway sections to allow the installation of fiber optic cables for future communications.

On the Corridor X there are *MRS (Metrological Road Station)* but the Dobanovci Junction Loop. In the vicinity of Belgrade, there is a MRS by the exit of “Emergency Health Canter (Ambulance)”. Currently, 9 MRS are placed on the Serbian state road network, and 18 MRS are to be installed. Furthermore, on Corridor X, in Belgrade, distance laser meters have been placed, as part of the system for license plate recognition. On Corridor X, there are 19 *ATCs (Automatic Traffic Counters)* and on Route 4 there are 34 ATCs.

Introduction of ITS systems on 220 km of section Belgrade - Nis has been planned. Several parallel activities are currently ongoing, which are prerequisites of the system of road traffic management (TMS).

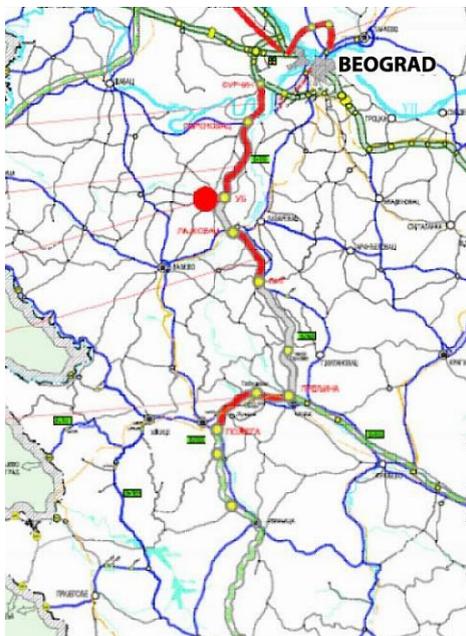
OVERVIEW OF PLANNED PROJECTS

ROADS

HIGHWAY E-763, BELGRADE – SOUTH ADRIATIC

SECTIONS PRELJINA– POZEGA AND POZEGA-BOLJARE
(State border with Montenegro)

PRELJINA– POZEGA SECTION



Section length 30,96 km;

Investment value: 450.000.000 Euros;

- The Memorandum of Understanding between the Government of the Republic of Serbia and Chinese company CCC, Beijing, on mutual interest for cooperation on construction of this Section was signed in May 2017 (Road and Belt FORUM).
- The Government adopted the Decision on the establishment of a working group for the implementation of the project "Belgrade - South Adriatic", Highway E-763, sections: Preljina - Pozega and Pozega - Boljare, with the task in cooperation with the Chinese company CCC.
- The commercial contract for the Preljina-Požega section was agreed on October 25, 2017. The value of the contract is 450 mil. euro.
- The commercial contract was signed in November 2017. After that, an application was sent to the EXIM Bank for a loan for the implementation of this contract.

Status of technical and commercial documentation								
General design	Feasibility study	Preliminary design with Feasibility Study and Study on environmental impact	Spatial plan	Commercial contract	Land acquisition	Design for construction license	Construction license	Financing
Adopted	Adopted	Adopted	Adopted	Signed	not started	no	no	seeking

POŽEGA TO BOLJARE SECTION

- Section length of 107 km;
- Estimated value of 1.830.000.000 Euros;
- Preliminary feasibility study with the General design was prepared and adopted during 2006

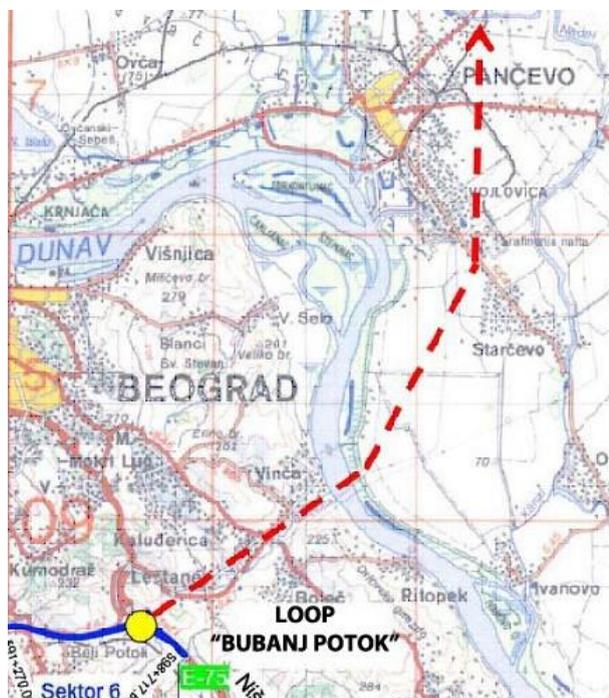


- Government of the Republic of Serbia adopted the Decision on the Preparation of the Spatial Plan of Area Special Purpose of the Infrastructural Corridor and the Decision on the Preparation of Strategic Estimate of The Spatial Plans Environmental Impact for this Section of E-763 , on August 2017.
- General project entails 4 possible alternatives. It was suggested by the National Review Committee that the alternatives (Centre, East1 and East2) be the subject of further elaboration.
- For the construction of the Požega-Boljare section, bearing in mind the very high investment value of this project. it is necessary that an acceptable form of financing for the Republic of Serbia is defined in, instead of credit financing some model of Public Private Partnership, or other form of financing.

Status of technical and commercial documentation								
General design	Feasibility study	Preliminary design with Feasibility Study and Study on environmental	Spatial plan	Commercial contract	Land acquisition	Design for construction license	Construction license	Financing
Adopted	Adopted	to be prepared	Decision to prepare adopted	To be negotiated	not started	no	no	To be considered

PROJECT BELGRADE BYPASS RING ROAD

SECTION C: BUBANJ POTOK TO PANCEVO



- For the finalization of the ring road around Belgrade it is necessary to build the remaining Section C 31km of full configuration highway from Bubanj Potok to Pancevo, including the combined road and rail bridge over the River Danube (between right bank village Vinca and left bank village Starcevo)
- Total investment value according to the project- technical documentation for Section C is 450 million Euros.
- Future investor will be given deadline to construct the remaining section within 4 years since the day of the signing of contract, as well as prepare the Project Design for the Construction Permit and the Project Design for Construction for Section C.
- Memorandum of Understanding on cooperation on this project between the Government of Serbia and Consortium of the companies of Sinohydro Beijing and Azvirt, Azerbaijan was signed on May, 21 2016;
- Preliminary design with the Feasibility Study finished by Institute for Transportation – CIP Belgrade.
- CIP , Sinohydro and Azvirt with the coordination of the Ministry will prepare the Preliminary design of the bridge over the Danube and other components of the projects;
- For this project, according to present legislation two Investors are needed (additional coordination required): "Infrastructure of Railways of Serbia" Ltd. and PE "Roads of Serbia".

Status of technical and commercial documentation								
General design	Feasibility study	Preliminary design with Feasibility Study and Study on environmental	Spatial plan	Commercial contract	Land acquisition	Design for construction license	Construction license	Financing
Adopted	Adopted	to be prepared	Adopted	NO (MoU with CCCC)	not started	no	no	seeking

"MORAVA'S CORRIDOR" POJATE – PRELJINA

- Section length - 110 km
- The road from Pojat to Preljina, the so-called Morava's Corridor, is of great importance for the Republic of Serbia because it connects the central parts of the Republic of Serbia through linking highways on Corridors 10 and 11.
- The project investor is PE "Roads of Serbia". This company was the contracting authority for the technical documentation on the E-761 motorway for the sections Adrana - Mrčajevci, Mrčajevci - Preljina and Pojate - Kruševac.
- Contract for the development of a Hydrological Study with the Institute for Water Management "Jaroslav Černi" was signed on June 28, 2016. The final version of the Hydrological Study was delivered on January 31, 2017. The preparation of this study was preceded by the modification of the Spatial Plan of the Special Purpose Area.
- PE "Roads of Serbia" have signed a contract for making a change of the Spatial Plan of the special purpose area with the "Institute of transportation - CIP". Drafting of the plan change is in progress.
- PE "Roads of Serbia" signed a contract with the company "Institute Jaroslav Černi" from Belgrade, for the development of the Preliminary Design of the Hydrotechnical arrangement for the route E-761, section: Pojate - Preljina. The development of this Project Design is in progress.
- The Ministry has provided funds from the budget for the preparation of technical documentation in 2018. The Ministry (Finance) and PE "Roads of Serbia" (Investor) signed the Contract on Financing the Project Development on April 2, 2018, which defines the rights and obligations of both contracting parties.
- The Contract for the preparation of technical documentation: Conceptual design for the section Kruševac (Koševi) – Adrani; Preliminary design for the section Krusevac (Koševi) – Adrani; Feasibility Study for the E-761 Motorway section: Pojate – Preljina; Impact Assessment Study (Koševi) – Adrani; Construction Project for Kruševac (Koševi) - Adrani and the Project for the Subsession Project for the Krusevac (Koševi) section - Adrani, were signed with the "Institute of transportation - CIP" from Belgrade on April 5, 2018. Preparation of technical documentation is in progress.
- The Government adopted the decision for establishing a Working Group (February 9, 2017) for the implementation of the project "Moravian Corridor" E-761, section: Pojate - Preljina, and for conducting negotiations with companies "Bechtel".
- Negotiations and work on the harmonization of the text of MoU with this company are in progress.



CITY EXPRESSWAY NEW BELGRADE TO SURCIN

- Section length - 7.9km;
- Planned estimated project value 38 million EUR;
- The proposed project establishes a shortcut from urban parts of Belgrade – local community New Belgrade (with other paths of Belgrade Municipality) with the Junction Surcin of the Belgrade road roundabout and Highway E-763 under construction, from Surcin to Pozega, as a part of the Southwest link of the capital with Bosnia and Hercegovina on one side and the Adriatic sea on Montenegro by its other arm.
- Investor Belgrade City Municipality;

Status of technical and commercial documentation								
General design	Feasibility study	Preliminary design with Feasibility Study and Study on environmental	Spatial plan	Commercial contract	Land acquisition	Design for construction license	Construction license	Financing
Adopted	Adopted	Adopted in 2012	Adopted	NO	not started	no	no	seeking

“FRUSKA GORA CORRIDOR“ NOVI SAD - RUMA



- Section length- 45,40 km
- Estimated value – around 400 million EUR
- The Highway Institute, Belgrade has been chosen as the designer of Preliminary Design with the Feasibility Study and Environmental Impact Study for three sections, is to be financed jointly by the Budget of the Republic of Serbia and AP Vojvodina.
- The project consists of 4 sections:
 - Section 1: Interchange "E75 Motorway" -Paragovo, L = 11,279 km The preliminary design is completed and it is expected to be submitted to the Audit Committee.
 - Section 2: Paragovo - start of the Ruma bypass, L = 16,760 km - The preliminary design is completed and adopted by the Audit Committee.
 - Section 3: Interchange "Kac" -Petrovaradin (Interchange "Highway E75"), L = 6,900 km. The preliminary design is completed, the process of harmonization with the adopted DRP is in

progress.

Section 4: Ruma bypass, L = 10.41 km – Preparation of Preliminary Design and amendment of the Spatial Plan of Special Purpose Area are in progress.

In May 2017, a Memorandum of Understanding was signed between the Republic of Serbia and China Road and Bridge Corporation (CRBC) on the project of building the state road IB 21 Novi Sad - Ruma ("Fruskogorski Corridor"). In March 2018, the Government of the Republic of Serbia by its Decision established a Working Group for the Management of the Process of the Implementation of this Project with the aim of managing and monitoring the process of realization of the Memorandum of Understanding. The task of the Working Group is to conduct technical negotiations with the Chinese company CRBC, in order to further implement the MoU.

Status of technical and commercial documentation								
General design	Feasibility study	Preliminary design with Feasibility Study and Study on environmental	Spatial plan	Commercial contract	Land acquisition	Design for construction license	Construction license	Financing
Adopted	3 out of 4 sections prepared	Preparation is in progress	Detailed in progress	No	not started	no	no	seeking

**CONSTRUCTION OF THE HIGH SPEED ROAD -
STATE ROAD CLASS I NUMBER 19, ŠABAC - LOZNICA, SECTION: RUMA - ŠABAC –
LOZNICA AS EXTENTION OF ROAD NUMBER 21, NOVI SAD - RUMA - SABAC**

The Government of the Republic of Serbia adopted the Decision on the forming of the Working Group for the Implementation of the Project: "Construction of a Highway - the State Road Class I, number 21, Novi Sad - Ruma - Šabac, and State Road Class I, number 19, Šabac - Loznica, for the section: Ruma - Sabac - Loznica ".

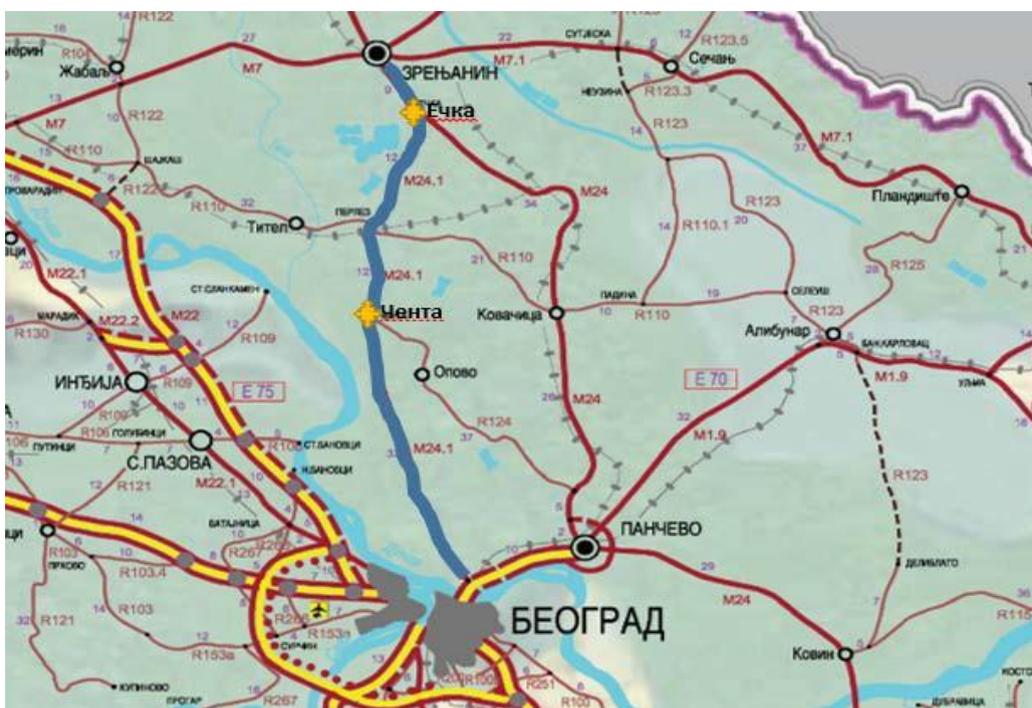
Negotiations are planned to start in shortest possible time with the Azerbaijani company AzVirt in order to realize the project and define an acceptable form of financing for the construction of this road.

EXPRESSWAY ZRENJANIN- CENTA- BELGRADE (BORCA)

- Section length- 56,5 km;
- Estimated Investment value- 110.000.000 Euros;
- The project entails the upgrade, that is, the construction of the two additional traffic lanes on the part of the state road class I B, number 13, between Zrenjanin and Belgrade settlement of Borca, more precisely, the future intersection locations with the North Tangent of the Belgrade Bypass Ring road.
- The construction of two new out of level intersections (interchange): Center and Ecka are included in the Project
- The estimated cost for the preparation of the technical documentation is around 3.5 million Euros; For preparation of the spatial planning and technical documentation an estimated 2 years are needed, with additional 6 months needed for the procedures of the review and the adoption of the documentation.

Institute for Transport CIP Belgrade, prepared the Preliminary Design Model in 2014 and a Financial- economic Elaborate, whose indicators point out that the investment is economically profitable, a prerequisite for the commencement of the activities for the preparation of technical documentation.

In October a protocol on cooperation on joint financing of the development of project technical documentation between the Ministry of Construction, Transport and Infrastructure and the Provincial Government was signed. The financing of the development of project technical documentation will be realized in the proportion of 50% - 50%.



Status of technical and commercial documentation								
General design	Feasibility study	Preliminary design with Feasibility Study and Study on environmental	Spatial plan	Commercial contract	Land acquisition	Design for construction license	Construction license	Financing
Adopted	Preparation under way	no	no	No	not started	no	no	seeking

EXPRESSWAY ZRANJANIN – NOVI SAD

- Planned length 44,5 km.
- Project envisages the reconstruction of existing road, with construction of two new lines, thus meeting the requirements of forth line expressway with out of level crossing facilities linking with Zrenjanin roundabout on one, a point at the Highway Belgrade – Horgos (Corridor X, North Arm);
- Planed estimated value around 100 million EUR for the project in full, approximately 3 million EUR for project technical documentation.
- Deadline for finishing planning and project technical documentation including revision of Detailed Aerial Regulation Plan established to two years upon start of project – planning activity.
- A Protocol on cooperation on joint equal share financing the costs of project technical documentation between Government and AR Vojvodina administration as been concluded in October of this year.

HIGHWAY NIŠ – MERDARE (PRISTINA)

- Priority project within “Berlin process”
- Section of the state highway Niš- Merdare (Priština) belongs to: State road network class IB, *AGR* Road Network E-80 and Core Transportation Network *SEETO* Route 7
- Section length- 77 km
- The Special Purpose Area Spatial Plan of the infrastructure corridor Niš-Merdare was prepared in December 2016, and adopted it in October 2017 by the Government.
- According to the Preliminary Design, the value of the investment amounts to EUR 924 million for the highway in full profile:
Niš (Merošina) - Pločnik (Beloljin) - 349 million Euro (half motorway profile 212 million Euros plus 137 million Euros to the full profile) and
Pločnik (Beloljin) - Merdare: 575 million Euro.
- Preparation of the Design for Construction Permit and Design for Construction for the section Niš (Merošina) - Pločnik (Beloljin) E-80 highway from Niš to Merdare (for half motorway profile) as well as the preparation of tender documents is in progress to be funded through WBIF. The construction of the half profile highway is planned to be concluded in the accordance with Red FIDIC Model Contract.
- Source of financing: For the construction of the half motorway profile of the section Niš (Merošina) -Pločnik (Beloljin): the WBIF Investment Grant Fund for Road Construction gives 20% of the grant and the rest is a loan from the EIB and the EBRD and the Budget of R. Serbia.
- The preparation of project documentation (Preliminary Design with the Feasibility Study and Environmental Impact Assessment Study) for section Pločnik–Merdare commenced at the beginning of February 2017 and will last 18 months (funded through WBIF).



Status of technical and commercial documentation								
General design	Prefeasibility study	Preliminary design with Feasibility Study and Study on environmental impact	Spatial plan	Commercial contract	Land acquisition	Design for construction license	Construction license	Financing
Adopted	Finished	Finished for the section Niš-Pločnik Preparation in progress for the section Pločnik-Merdare	Adopted	no	not started	In progress for section Niš-Pločnik	no	WBIF, EIB, EBRD

HIGHWAY BELGRADE – VRSAC – VATIN (BORDER WITH ROMANIA)

- Strategic significance: Represents the extension of Highway Belgrade – South Adriatic, also interlinking Corridors X with Corridor VII and IV in Romania
- Belongs to the state road network class IB, AGR road network E-70 and Core Transportation Network SEETO route 4.
- Preparation of the Project technical and planning documentation is needed
- Preliminary estimated Investment value is around 270 million Euros
- Total budget of the project is around 11 million Euros.
- The proposal of this strategic project for Serbia (from the end of the Belgrade By-pass Ring Road, through Pancevo and Vrsac to the State border with Romania) entails the need to prepare the Preliminary Feasibility Study together with the General project, as well as technical documentation for the section in Serbia (around 91km).



Status of technical and commercial documentation								
General design	Feasibility study	Preliminary design with Feasibility Study and Study on environmental	Spatial plan	Commercial contract	Land acquisition	Design for construction license	Construction license	Financing
no	no	no	no	no		no	no	seeking, nominated for SSP

HIGHWAY BELGRADE – SARAJEVO

- The project is being evaluated in accordance with two alternatives.
- **Alternative one:** Planned length of the interconnection with existing highways is 60km in the Republic of Serbia.
- **Alternative two (north leg):** is interconnecting through a new highway link Sremska Rača to Kuzmin. The Preliminary Feasibility Study and the General Project for the Požega-Kotroman section, were done by the Institute of Transportation – CIP, Belgrade, and adopted by the State Revision Commission on September 2, 2010. The Spatial Plan planned the Požega-Kotroman route as part of the Highway Belgrade-Sarajevo , and preparations are being made to start the realization of the northern leg, from Bijeljina via Sremska Rača to Kuzmin, and the preparation of planned and technical documentation. The estimated investment value of the construction of the section of the highway in the territory of the Republic of Serbia (Požega - the border with Bosnia and Herzegovina) is 830 million euros, and Sremska Rača - Kuzmin is about 100 million euros.
- Negotiations are underway with Turkish company "Tasyapi" for the signing of the Commercial Agreement for the design and construction of sections of the highways that pass through Serbia.
- A letter of intent between the Ministry of Construction Transport and Infrastructure of Serbia and the Ministry of Transport, Maritime Affairs and Communications of the Republic of Turkey on strengthening and expanding cooperation in the field of transport and infrastructure was signed on October 10, 2017. The letter of intentions envisages, also cooperation on the construction of the Belgrade - Sarajevo highway. By the decision of the Deputy Prime Minister and Minister, a Working Group was formed for managing the process of realization of the Project for Construction of the Belgrade-Sarajevo Highway.
- The Memorandum of Understanding with the Turkish company Tasyapi was signed for cooperation on the projects: highway Belgrade - Sarajevo (elaboration of feasibility study with financial models and models of cooperation on this project) and Rehabilitation of the State Road of IIa order, number 203, Novi Pazar - Tutin and state road Ib order, number 29, Aljinovići - Sjenica - Novi Pazar (elaboration of feasibility study with financial models and models of cooperation on this project). Further negotiations with the company Tasyapi are ongoing.

PROJECT EXPANSION OF BORDER CROSSING BATROVCI (PHASE II)

- Expansion of capacities for international road transport at the border crossing Batrovci on the Highway E-70
- Financier: Ministry of CTI
- Investor: The Building Directorate of Serbia
- Designer: Traffic Institute CIP
- Contractor: INGRAP – OMNI JSC. Belgrade



- Total Investment value (without design): 633 million RSD
- The construction of border crossing Batrovci started in 2014 in phases and Phase I was implemented in 2006.



- Phase II is divided into three sub phases in accordance with the allocated means and possibilities of the construction works under conditions of unobstructed functioning of traffic.
- The construction works started May, 9,2016. First two sub phases were finished on July, 22,2016.
- Sub phases of Phase II are:
 1. The construction works at the entry part of the border crossing from the Republic

of Croatia the direction towards The Republic of Serbia (expansion of the freight vehicle terminal – 28 parking lots), the value is 110,8million RSD + VAT and were finished on July, 22,2016.

2. The construction of the additional lane for freight vehicles on the road on the right side (looking form the direction Belgrade toward Zagreb), 74,4million RSD + VAT in value was finished on July, 22,2016.



- The construction works on the expansion of the freight vehicle terminal at the exit of the Republic of Serbia and construction of 6 lanes for passenger transport.
- The construction is planned for 2017. The value of the works is 342,4 million RSD+ VAT
- All works completed in October 2017.

RAILWAY

OVERVIEW OF CONDITION AND THE POSSIBILITY OF RECONSTRUCTION OF THE RAILWAY CORRIDOR X AND CORRIDOR XI

A) THE RAILWAY CORRIDOR X

This chapter consists of three parts:

- 1) Railway junction Belgrade,
- 2) Railway Belgrade – Nis
- 3) Railway Nis– Presevo – state border

1) Railway junction Belgrade

- Belgrade Center (Prokop) station Phase 2 – of the estimated value of 48 million Euros. This phase entails the construction of the station building, the construction of the first and second station track with the platform I, the finalization of the slab at level 105 and the construction of the temporary access roads to the tracks. Preliminary design was complete in September 2016 under fundings of the budget of the Republic of Serbia. The obligatory Preliminary Design was given a positive opinion by the State Review Commission, under condition of recommended changes to be applied. Design for Construction Permit was completed in November 2016. The funds for construction works are yet to be obtained. Support from the Kuwaiti Fund for Arab Economic Development is being expected

Status of technical and commercial documentation								
General design	Feasibility study	Preliminary design with Feasibility Study and Study on environmental	Spatial plan	Commercial contract	Land acquisition	Design for construction license	Construction license	Financing
Adopted	Adopted	Adopted.	REGUL A TED	no	Finished	Finished	no	seeking, KFAED

- Road - Rail Bypass Ring Beli Potok – Vinca – Pancevo – is of the value of 430 million EUR including the building of the rail-road bridge across the river Danube at Vinca. Preliminary Design and urban plans have been prepared and site conditions have been obtained.

The City of Pancevo decided to change a part of the city urban plan under their area that imposes changes to the Preliminary Design that needs to be upgraded and adopted by the State Review Committee. Land acquisition needs to be done. Funding for the renovation of the documentation, expropriation and construction are under negotiations with the Chinese and Azerbaijani side.

Status of technical and commercial documentation								
General design	Feasibility study	Preliminary design with Feasibility Study and Study on environmental	Spatial plan	Commercial contract	Land acquisition	Design for construction license	Construction license	Financing
Adopted	Adopted	Adopted, Adjustment needed	Adjustment needed	no	Needs to be done	no	no	Chinese or Azerbaijani loan

- **Commodity Transport Center Belgrade** – of the value of **30** million EUR

According to the City Urban Plan of the Municipality of Belgrade the location of the center is planned between the Belgrade Marshalling Station and Belgrad- Obrenovac Road. Among all necessary facilities of the complex, 23,4 km of track are to be constructed. At the end of 2016 General Project and Pre - Feasibility Study for freight-transportation center in Belgrade were designed. Since no proper basis is in existence, to continue making further technical documentation it is necessary to prepare the Detailed Regulation Plan which would include a complex of Belgrade Marshalling Station and the planned complex Freight Transport Center Makiš.

Status of technical and commercial documentation								
General design	Feasibility study	Preliminary design with Feasibility Study and Study on environmental	Spatial plan	Commercial contract	Land acquisition	Design for construction license	Construction license	Financing
Adopted	Adopted	No	needed	no	Needs to be done	no	no	seeking,

- **Section Batajnica – Ostruznica – Resnik – 40 million Euros.**

The project envisages the construction of the second track from Batajnica and Surcin to Ostruznica and the renovation of the existing single-track railway from Ostruznica to Resnik. It is necessary to update the existing project documentation and new urban planning documentation to be prepared. The funds for the completion of the documentation and for the investment works are yet to be found.

2. Sections of railway line Belgrade – Nis

- **Section Velika Plana – Stalac (88 km) – 212 million EUR**

Reconstruction and modernization of the double-track section **Gilje-Ćuprija-Paraćin**, financed by the EIB loan is completed. The preparation of the Preliminary Design with the Feasibility Study and the Study of Environmental Impact for the rest of railway line **is being done through the PPF8 technical assistance project**. Funds for both, documentation preparation and construction works are yet to be obtained.

- **Section Stalac – Djunis** (19 km) – at the value of 157 million EUR
Preliminary Design and Feasibility study for that section, at the value of 1.5 million Euros, funded by the WBIF are completed. Preliminary design was submitted to the State Review Committee. In July 2017 the Spatial plan of Infrastrucute Corridor entered into force. The funds for the investment construction works are yet to be obtained.
- **Section Djunis – Nis** (40 km) – at the value of 97 million Euros,
Above estimate is based on the General Design of the Reconstruction of the Double-track Railway Belgrade – Nis. The preparation of the Preliminary Design with the Feasibility Study and the Study of Environmental Impact and the Design for Construction Permit are being done through the PPF8 technical assistance project. Funds for preparation of the documentation and construction works are yet be obtained.

3. Section Nis– Presevo – State border with Macedonia

The project entails the reconstruction of the existing single-track electrified railway line of 161km in length.

- Feasibility study of the reconstruction was prepared in 2009, financed by EU and Consulting House W&G.
- Reconstruction are completed in three sections, altogether in the length of 46.5km, funded from Annex 2.2 of The Russian Federation Loan.
- IPA funds will support the reconstruction of the section Nis – Brestovac of 23km in length for which the preparation of technical documentation was funded by PPF4. Total secured funds provided by IPA 2015 (works and supervision) are EUR 62.7 million (of which national participation in co-financing is 15.7 million EUR and EU funds of 46.9 million EU).

The preparation of the Preliminary Design with the Feasibility Study and the Study of Environmental Impact for the rest of railway line in the length of 88 km was proposed to the WBIF and a Grant in amount of 3.5 million EUR was approved.

B) THE RAILWAY CORRIDOR XI

Section Valjevo-Vrbnica-State border with Montenegro (202,4 km)

Estimated value for this project is 300 milion euros. Technical documentation for the construction works is missing. Funds for preparation of the documentation and investment construction works need to be provide.

Section railway Belgrade – State border with BIH – Sarajevo

There are two options of connecting Belgrade and Sarajevo: Belgrade – Ruma – Zvornik – Doboj - Sarajevo and Belgrade – Valjevo – Zvornik – Doboj - Sarajevo. Estimated value for option 1 is about 120 million euros, and for option 2 is about 244 million euros. There is only technical documentation for the Valjevo-Loznica section. For the remaining sections it is necessary to prepare technical documentation. Funds for preparation of the documentation and investment construction works need to be provided.

THE CONSTRUCTION OF INTERMODAL TERMINAL IN BELGRADE

- The Investment value is 15,54 million EUR for the construction, the preparation of the Main Design, the provision of services of expert supervision and procurement of facilities of the intermodal terminal,
- The Project is realized by: Ministry of Construction, Transport and Infrastructure The City of Belgrade and The Directorate for Building Land and Construction Belgrade
- Designer: Egis International / City net
- Source of funding: 85% of construction nominated for IPA 2015 and 15% by State Budget funding with 4 million EUR for land acquisition (expropriation) by the Municipality of Belgrade.
- Preliminary Design adopted by the State Review Committee, DRP and Decision on Public Interest Adopted, Site location conditions issued. Tendering documentation finalized.
- Tender for the construction of the Terminal according to the Yellow FIDIC (construction and design) takes up to 6-9 months;
- The works for construction is expected to start by the beginning of 2018 and will take 24 months to compete.
- According to the analyses of the market and traffic flows, the Intermodal Terminal is planned to service 7-12 container trains per week (around 500 container trains per year) e.g. the annual capacity of 50 000 to 60 000 TEU (Twenty- foot equivalent unit)

Status of technical and commercial documentation								
General design	Feasibility study	Preliminary design with Feasibility Study and Study on environmental	Spatial plan	Commercial contract	Land acquisition	Design for construction license	Construction license	Financing
Adopted	Adopted	Adopted	Regulated	Bidding docs prepared	In progress	needed	no	Secured by IPA, State and Belgrade budget

DEVELOPMENT IN INLAND WATERWAYS

REMOVAL OF THE SUNKEN GERMAN FLEET FROM THE WORLD WAR II



Project aim is to improve the conditions for safe navigation on the Danube (sector Prahovo), in particular during the low water level periods by removal of German sunken vessels from the IWW.

At the Serbian part of the Danube from km 857 to km 862, downstream from the navigation lock „Djerdap 2”, there are 23 sunken German war vessels from the World War II which have influence on safety of navigation, since their presence narrowing minimum required navigation fairway width of 180m to 100m during the low water level periods. Since the sunken ships are part of the German war fleet, there are unexploded ordnance (UXO) and EODs on board of them, which present constant danger for human lives and environment and are threatening navigation, in particular in cases where hazardous substances are transported (such as oil, gases, flammable substances, etc.).

Bearing in mind the above listed problems, the Ministry of Construction, Transport and Infrastructure, in cooperation with the German Government and the United Nations Development Program (UNDP),

initiated implementation of the first phase of this Project which includes searching for and removal of the UXO on boards of these ships. In July 2017 this site was visited by the specialized German divers. Following the removal of UXOs, the technical documentation and tender dossier will be updated. The Ministry of Construction, Transport and Infrastructure has provided financial and technical assistance for these activities through the PPF8 Project. Based on the updated technical documentation and tender dossier, the Ministry of Construction, Transport and Infrastructure will apply for funding for the second phase of this Project which includes removal of demined sunken vessels, the cost of which has been estimated to amount to approximately EUR 20 million, (35% IPA or other EU fund, 15% national co-financing and 50% from the Framework Loan for the development of river transport infrastructure projects – EIB)

Project documentation has been drawn up by the consortium comprising of Witteveen + Bos, DHI, Dynamar, Maritime Research Center, Port Management and Energoprojekt Hidroinzenjering Company.

Estimated cost: 22 million EUR

2 million EUR for the removal of UXO from the sunken ships

20 million EUR for extraction of ships

Project implementation deadline: 2022.

IMPLEMENTATION OF A SYSTEM OF HYDRO-METEOROLOGICAL STATIONS AND SUPERVISION SYSTEM OF BRIDGE CLEARANCE



Project aim is to enable introduction of a network of hydro-meteorological stations that will provide information on wind speed and wind direction, air temperature, wave height, visibility and precipitations during a certain period. The existing network of water measuring stations managed by the Republic Hydro-meteorological Service of Serbia, comprises of only 9 stations along 588 km of the river Danube, with parameters that are now read once a day in these existing stations and providing only information on water level and water temperature. Modern hydro-meteorological stations will in addition to the above-mentioned information, provide measuring of the water flow in specified points, which is of key importance for providing updated forecast of the water level, as well as for hydrological modelling.

Estimated project cost: EUR 5,5 million

Funding sources: For the project implementation, the financing will be provided from the EIB Framework Loan for the Development of River Transport Infrastructure (50%), while the remaining funds will be applied for the IPA Fund.

Implemented and planned activities:

- The TOR is completed, financed by the Ministry of Construction, Transport and Infrastructure.
- The preparation of the Feasibility Study with the Preliminary Design and Tender Documents is planned for March 2019. Preparation of technical and tender documents will be financed from the EIB ERI TA grant.
- Public procurement for the delivery of equipment and system integration with works and supervision services will be carried out in 2020.

Project implementation deadline: 2021.

IMPLEMENTATION OF VTS AND VOICE VHF SYSTEM IN SERBIA

The project aim to improve the navigation conditions on the Danube (Part of the Rhine-Danube Corridor) by improving operations related to traffic management on inland waterways and by improving the performance of administrative procedures related to border crossing and to ensure efficient and real-time communication, monitoring and management of traffic, including provision of the relevant navigation related information to the users of the fairway and other interested parties.

Estimated value: 5 million EUR

Funding sources: For the project implementation, the funds will be provided from the EIB Framework Loan for the Development of River Transport Infrastructure (50%), while the remaining funds will be applied for the IPA Fund.

Implemented and planned activities:

- The TOR is completed, financed by the Ministry of Construction, Transport and Infrastructure.- The preparation of the Feasibility Study with the Preliminary Design and Tender Documents is planned for March 2019. Preparation of technical and tender documents will be financed from the EIB ERI TA grant.

- Public procurement for the delivery of equipment and system integration and supervision services will be carried out in 2020.

Project realization deadline: 2021.

CONSTRUCTION OF THE PORT OF APATIN



Project aim is to construct a new Port of Apatin, which will be designed to respond to the requirements of economic operators located in the broader port area. Apatin is situated on the Rhine-Danube Corridor and in the vicinity of two significant European corridors (the railway and road Corridors X and V). The potential of the Rhine-Danube Corridor has not yet been adequately used for the economic development of the broader area of Apatin, primarily of the Western Backa District. In addition, there is not a single port container terminal in the Republic of Serbia, due to which not a single domestic port has been recognized within the AGTC Agreement.

The Port of Apatin is defined as a National Port of Provincial Significance. It will include a Bulk and General Cargo (grain and river aggregates) Terminal, a Container Terminal and Oil Terminal. With the construction of the Port of Apatin, establishing of a logistic chain of services in the regions of Backa and Apatin will be developed. The auspicious geographical and transport location of the planned Port of Apatin will provide excellent chances for connecting the Rhine-Danube Corridor to the road and railway Corridors IV, V and X. The Free Trade Zone which is in the hinterland of the planned Port of Apatin, will provide significant potential for this port to become one of the most significant leaders in the region of Southern Hungary, Eastern Slavonia, North-East Bosnia and Herzegovina and the Autonomous Province of Vojvodina in regard to logistics services. All this would provide a significant impact on the increase of traffic flows, change in the structure of goods in transport, both in export and in import of goods, change in the structure of representation of different transport modes to the benefit of the water and railway transport.

Drawing up of the technical documentation (Feasibility Study with the Preliminary Design) has been planned for 2018, and construction of port infrastructure has been planned to take place in 2019.

Estimated Project cost: EUR 36 million

Estimated cost of port infrastructure construction: 16 million EUR and this shall be a commitment of the Republic of Serbia.

AIR TRAFFIC

In the upcoming period, the activities shall be focused on:

1. Improving the efficiency, capacity and safety of the Serbian and Montenegrin Skies - improvements to be conducted by Serbia and Montenegro Air Traffic Services Agency (SMATSA);
2. Further development of the two International airports;
3. Other airport reconstructions and developments and their inclusion into the civil aviation network.

1, Improvements of Serbia and Montenegro Air Traffic Services Agency-SMATSA

As a company responsible for air traffic control, SMATSA LLC plans to improve its performance in the close future by:

- upgrade of hardware and software of the main Data Processing System (FAMUS TopSky-ATC System) with the expansion of the System, Step 1 Phase 2; project value is 17.033 million EUR
- construction of an Annex to ATCC Beograd building with Beograd ATC tower at Nikola Tesla airport, Belgrade; estimated project value 17 Million EUR
- construction of Niš ATC tower with C-ATCC (Contingency ATCC) Beograd at Konstantin Veliki airport in Niš; estimated project value 5.63 Million EUR
- implementation of PSR (Primary Surveillance System) and SSR (Secondary Surveillance System) for Beograd TMA (Terminal Maneuvering Area); project includes construction of all necessary infrastructure and implementation of mentioned radar systems; estimated project value is 5.5 Million EUR
- implementation of PSR (Primary Surveillance System) and SSR (Secondary Surveillance System) at location Besna Kobila; project includes construction of radar station building with all necessary infrastructure and implementation of mentioned radar systems; estimated project value is 8 Million EUR
- implementation of ILS/DME and DVOR equipment; project includes:
 - ✓ DME for collocation with existing ILS 12 at Belgrade "Nikola Tesla" airport, ILS/DME system for Niš airport,
 - ✓ ILS/DME system for replacement of existing ILS 12L at Batajnica airport,
 - ✓ DVOR for replacement of conventional VOR at locations:
 - VOR/DME NIS – Niš,
 - VOR/DME KRV – Kraljevo.

Estimated project value is 2.4 Million EUR

- implementation of SMATSA IP Communication Network; project value 3.9 Million EUR upgrade of functionality of the of the main Data Processing System (FAMUS TopSky-ATC System) with the transition to TopSky-ATC System (product or similar), step 2 – harmonization to the SES II regulation; estimated project value 13.5 Million EUR
- Implementation of IP VCS system in ATCC Belgrade and Niš ATC tower with C-ATCC (Contingency ATCC) Beograd; estimated project value 2.9 Million EUR

Total Value of works: **75.863 Million EUR**

Financing: **Own sources through EBRD and EIB loan**

2. Further development of the two International Eports

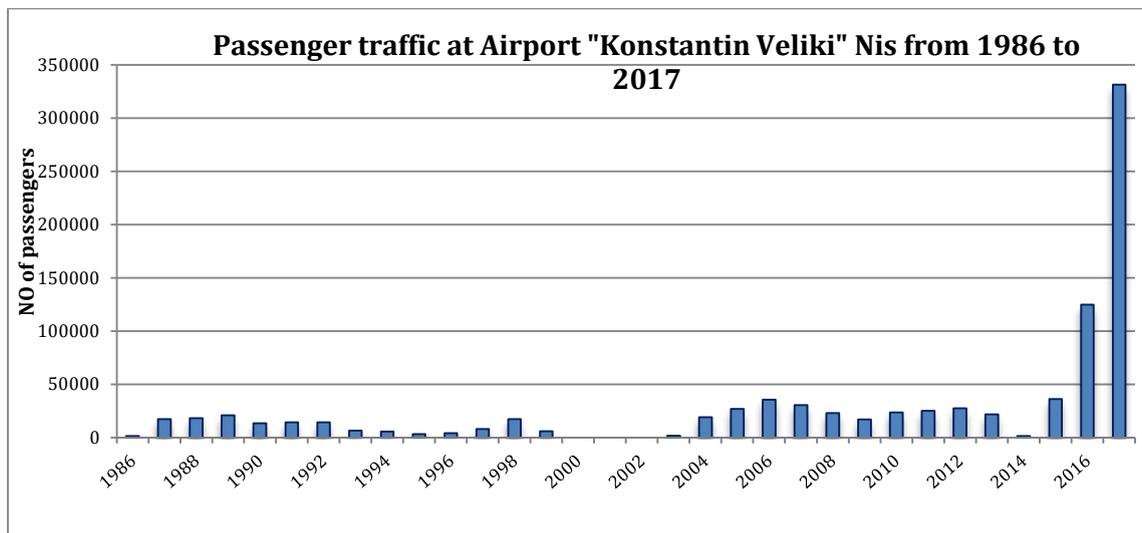
Belgrade “Nikola Tesla” airport

Development of the Airport is envisaged to be performed through the Concession Agreement of Operating the facility.

Nis “Constantine the Great” airport

Planned investments in the forthcoming period are about 16 million EUR, as follows:
The taxiway - 5 M€, lighting system - 1.5 M€, expansion of terminal building - 5 M€, GSE, Airfield Maintenance Equipment and other equipment - 4.5 M€ and the new tower - 3 M€.

The number of passengers at the Nis "Constantine the Great" airport in the period from 1986 to 2017



3, Reconstruction and modernization of local airports

Airport Morava Kraljevo

That airport is currently in the process of converting from Military airport to Military-Civil airport (Mixed airport) in accordance with the regulations of the Republic of Serbia.

Preparation of the Agreement on joint use of military airport „Morava” Kraljevo for civil air traffic between Ministry of defense and civil operator „Airports of Serbia” plc is in progress.

In this sense, further development has been planned for period 2018-2021 with estimated costs of 21.5 M€ as follows: runway, taxiway A , system of instrument approach (ILS), airport runway lighting system and equipment for terminal building and terminal building completion as well all necessary infrastructure and equipment for operational purposes for airport ICAO code sign 4E.

Enhancement of airports security and safety level, development of airports infrastructure and airports connections with other modes of transport, territorial coverage of airports and their grouping around a few primary and secondary airports, enabling multiple connections to numerous destinations around the Serbia and much more around the world under the most

favorable economic conditions, in a safe, secure, environmentally sustainable and fastest way, comprehensive support in the provision of airport services and efficient, safe and secure movement of goods and passenger transportation, will be organized through state run public company, Airports of Serbia plc (excepting Belgrade's "Nikola Tesla" airports).

The Company will also manage developmental and operational tasks related to the implementation of the adopted strategy, encouraging and directing development of the airport network of the Republic of Serbia, through the practical integration of airport capacity.

UNIQUE LIST OF INFRASTRUCTURAL PROJECTS

Single Project Pipeline (SPP)

Introduction

- Unique list of infrastructural projects was established in Serbia, out of all Balkan countries first, in cooperation with the European Commission, which enabled prioritization and planning of resources for infrastructural projects.
- Methodology for selection and prioritization of infrastructural projects whose result is SPP, was adopted by the RS Government in 2013 within the document “National priorities for international aid” for the period of 2014 – 2017 with the forecasts until 2020.
- Methodology envisages a comprehensive consultancy process of all stakeholders: line ministries, public companies, civil sector, as well as the support of the EU Delegation, EU Commission and international financial institutions.
- National Investment Committee at the governmental level provides political support for the implementation of *SPP* projects as well as synergy between different sources of funding.
- Apart from transport, *SPP* entails energy, ecology and business infrastructure.

During 2016, a final update of the *Transport Single Pipeline Project* was completed by adding new projects with relevant identification forms filled which were subsequently rated according to strategic relevance. In 2017, the list was reduced to 25 strategic priority projects whose funding is planned by 2027.

The table below contains 11 railway infrastructure projects, 5 roads, one combined road-rail, five inland waterway projects, two infrastructure projects for air traffic and one intermodal, which makes up a total of 25 projects.

SINGLE PROJECT PIPELINE			I Methodology Phase	II Methodology Phase
INFRASTRUCTURE PROJECTS IN TRANSPORT SECTOR			Strategic relevance total scores	Group based on GAP
1.	Modernization of the Railway Line Novi Sad - Subotica - Hungarian border (Corridor Xb)	€ 530 m	91	1b
2.	Modernization and Reconstruction of the Double-Track Railway Line Resnik – Klenje – Mali Pozarevac (– Velika Plana) (Corridor X)	€ 368 m	91	2b
3.	River training works on critical sectors on the SRB-CRO joint stretch of the Danube River (including supervision and environmental monitoring)	€ 40m	91	2a
4.	Major Overhaul of the Iron Gate I Navigational Lock	€ 28 m	91	2a
5.	New Port of Belgrade and Free Trade Zone	€ 343m	90	2b
6.	Pozega-Boljare road (border with Montenegro)	€ 1.830,9 m	89	2a
7.	Construction of the by-pass railway line Beli Potok – Vinca – Pancevo with road-railway bridge over the Danube River near Vinca and Belgrade road Bypass Sector C	€ 481.36 m	88	2a

8.	Modernization of the single-track railway line Nis – Dimitrovgrad	€ 125m+102 m	87	2b
9.	Construction of the Port Apatin	€ 36m	88	
10.	Expansion of capacities of the terminal for bulk and general cargo within the port of Smederevo	€ 80m	88	
11.	Construction of the Intermodal terminal in the vicinity of Belgrade (Batajnica)	€ 15.4m	87	1a
12.	River training works on critical sectors on the Sava River	€ 7m	87	1b
13.	Reconstruction of the railway line Pancevo Glavna – Zrenjanin – Banatsko Milosevo - Senta - Subotica	€ 96 m	86	2a
14.	Modernization of the railway line Ruma – Sabac – Donja Borina – State Border with Bosnia and Herzegovina	€ 120 m	83	2a
15.	Modernization of the single-track railway line Nis - Presevo – Macedonian border	€ 165 m	82	1a
16.	Highway Beograd –Pancevo - Vrsac	€ 270m	82	2a
17.	Reconstruction and upgrading of the airport terminal building, Nis airport	€ 5m	82	2a
18.	Rehabilitation of the runway with the upgrading of taxiways extension platform, Nis airport	€6m	82	2a
19.	Construction of highway E-761/ M-5/Bosnia and Herzegovina Border-Kotroman-Uzice-Pozega	€ 830 m	82	2a
20.	Construction of Highway E-80 (SEETO Route 7): Administrative crossing Merdare- Doljevac via Kursumlija - Prokuplje– Zitoradja	€ 855m approx.	80	2b
21.	Construction of four lane express motorway Novi Sad-Ruma, Ruma-Sabac-Loznica-State Border with Bosnia and Herzegovina	€ 254,9 m	79	2a
22.	Construction of the New Double-Track Railway Line Stalac - Djunis	€ 105 m	78	1b
23.	Reconstruction and Modernization of the railway line <u>Stalac – Kraljevo (71 km)</u> – Pozega (total length 136 km)	<u>€ 70 m</u>	78	2b
24.	Modernization and Reconstruction of the Railway Line Velika Plana – Stalac (Corridor X)	€ 212 m	73	2b
25.	Reconstruction and Modernization of the railway line Lapovo – Kraljevo - Rudnica	€ 200 m	73	2b
26.	Removal of World War II sunken vessels at Prahovo	€ 19,9 m	73	
27.	Reconstruction of the Deviation running around Belgrade, Batajnica – Ostruznica – Beograd Ranzirna	€ 52 m	67	2b

GAP reports (reports on defects, i.e. documentation readiness) have been prepared for all projects, and all projects (except one) are divided into four groups according to the implementation readiness level. Projects with the highest readiness level are the projects in group 1a and the ones in the group 2b are with the lowest readiness level:

Definition of Group:

Group 1 – Ready for tendering and investment realization

- **Group 1a** – projects with technical documentation prepared, ready for tender preparation or tendering
- **Group 1b** – projects with preparation of technical documentation ongoing, and ready for tendering when it is finished

Group 2 - Ready for preparation of technical documentation

- **Group 2a** – projects with spatial planning documentation completed with preconditions for land acquisition in place
- **Group 2b** – projects with gaps in spatial planning documentation with preconditions for land acquisition still pending

THANK YOU FOR YOUR ATTENTION

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