



MINISTRY FOR
INNOVATION AND TECHNOLOGY

The Budapest – Belgrade railway development

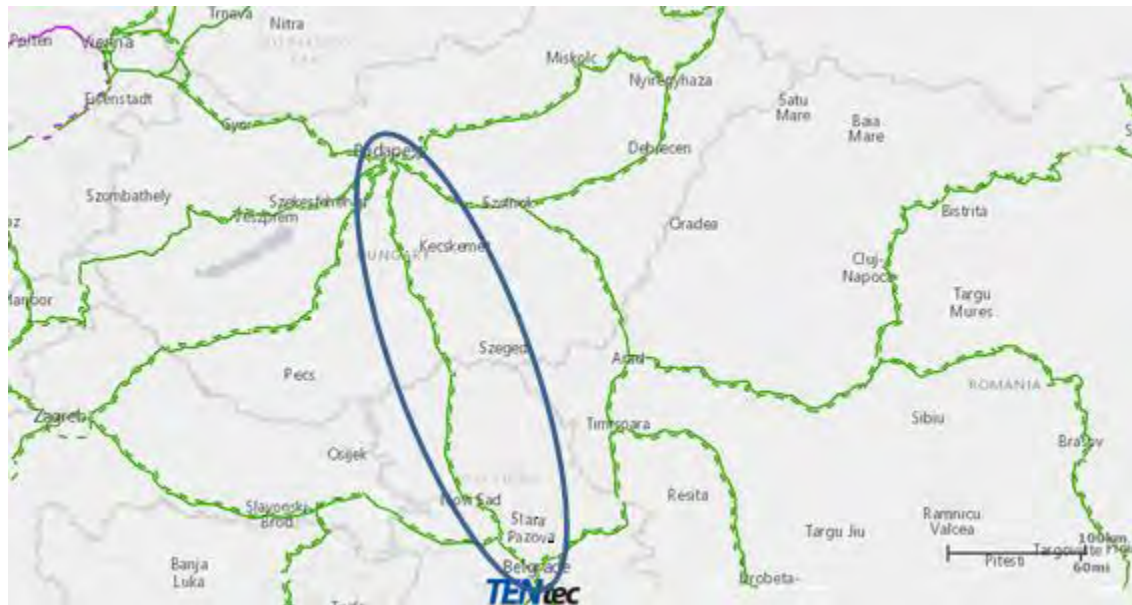
Embassy of Hungary in Beijing

EU-China Connectivity Platform

13rd July 2018, Beijing

Budapest – Belgrade railway development: main objectives

- Reduce travel time from 8 to 3 hours between Belgrade (1.2 million pop.) and Budapest (1.8 million pop.)
- Improve infrastructure services for freight trains (axle load, speed, train length)



Budapest Belgrade line in the TEN-T core railway network

Budapest – Belgrade railway development – Hungarian section: status vs. EU requirements

1. TEN-T core rail network has to be developed according to EU technical standards of interoperability (TSI) requirements by 2030 according to 1315/2013/EU regulation.
2. Last complex modernization of the line was in the 70ies, the Hungarian section is in poor condition

	Current status	EU TSI requirements
Axle load capacity	mainly 210 kN	225 kN
Communication and safety systems	160 MHz + EVM	GSM-R + ETCS2
Max. train length	Mainly max. 700 metres	max. 750 metres
Speed	Max. 80-100 km/h with many speed restrictions	Max. 160 km/h
Platform height (stops, stations)	Mainly rail level + 15 cm	Rail level + 55 cm
Accessibility	-	Ramps, lifts

Budapest – Belgrade railway development – Hungarian section: timetable 1 - past

- ✓ Detailed feasibility study was made in 2015.
- ✓ Treaty between Hungarian and Chinese Governments about their cooperation for the development, construction and financing. (Act XXIV of 2016) Treaty has an annex of procurement policy. They entered into force at 1st June 2016. Taking into consideration EU pilot Annex 2. was accepted by Act XXXV of 2017.
- ✓ Non-profit joint venture (JV) founded by MAV Hungarian Railway Co. and Chinese partners (CRIC, CRIG) at October 2016 for conducting procurements.
- ✓ Contract between JV and MAV concluded at October 2016.
- ✓ Procurement according EPC (engineering, procurement and construction) for Soroksar (incl.) – Kelebia (HU/RS county border) section was published in the Official Journal of the European Union (TED) on 28 November 2017, under No. 2017/S 228-475836
- ✓ Two applications to participate were submitted before 19 January 2018 deadline:
 - STRABAG-CCCC 2018 consortium
 - CRE consortium

Budapest – Belgrade railway development – Hungarian section: timetable 2 - future

- The submission deadline for the first bids is 30 July 2018, and the negotiations will commence on 3 September 2018
- Estimated maximum price for Soroksar (incl.) – Kelebia (HU/RS county border) section: HUF 525 billion + 10% reserve (~ EUR 1.76 billion, CNY 13.56 billion)
- EPC/commercial contract – November 2018
- Credit contract between Hungarian State and Export-Import Bank of China for 85% of eligible costs – H1 2019
- Preparation (e.g. EIA, environmental permit, construction permit, expropriations) of the project till 2020
- Implementation will be finished at 2023

Thank you for your attention!