WB Night Trains Connection Possibility

Transport Community Treaty - 8th Technical Committee on Railway





Developments of night train services between 2000 - 2019

- Challenges:
 - Outdated rolling stock
 - High-speed railway lines made domestic night train obsolete on several routes
 - strong competitors appeared:
 - Long distance coach: market opening since 2010 in DE, FR, IT
 - Low cost airlines: Airline liberalisation in EU since 1995
- Night train operation ceased between 2000 and 2019 by the following operators:
 - NS
 - SNCB
 - DB AG (2016)
 - SNCF (only 3 domestic lines have remained)
- But ÖBB took over some lines from DB in Western Europe
 - Berlin / Hamburg Zurich
 - Munich Rome / Milan
- ÖBB investing in Night Train services
- Few private operators (Snälltåget, RegioJet) started operation of night trains



Overview of operating night train in Europe (2019)

Changes in 2020:

- New night train Vienna –
 Brussels
- Impact of COVID-19 on night trains:
 - Night train Paris –
 Venezia (Thello)
 disappeared
 - Night trains on Iberian peninsula

But strong political support on member state or EU – level for the introduction of further night trains





Challenges to operate night trains

- Expensive rolling stock (e.g. sleeping cars, couchettes)
- "Ideal night train timetable" constraints
 - Departure window between 18-22 in the evening, arrival window between 7 9 in the morning
 - Capacity bottlenecks in the morning and evening rush hours exist at a number of major stations
 - → Ideal timetable not always possible
- Operational constrains
 - split / join operations cause delays
 - Reduced speed due to freight trains and access restrictions to high speed lines
 - Track maintenance works may trigger frequent timetable changes





- Political support:
 - European commission launched study about the night trains and possible funding
 - Some member states will subsidize international lines (e.g. Sweden)
- Operational developments
 - Initiative from ÖBB, DB, SBB and SNCF ton introduce new trains until 2024





Current developments

- Operational developments
 - Snälltåget will offer a new night train Stockholm Malmö Berlin from 2021
 - RegioJet will offer again the seasonal night train Prague Ljubljana Rijeka and Prague - Poland - Ukraine





Night train Stockholm-Berlin

Snälltäget's new line Stockholm-Malmö-Copenhagen-Hamburg-Berlin will be the first night train service to operate on a regular basis between Sweden, Denmark and Germany since the 1990's. The first train departs on March 27, 2021.



The future challenges to night trains

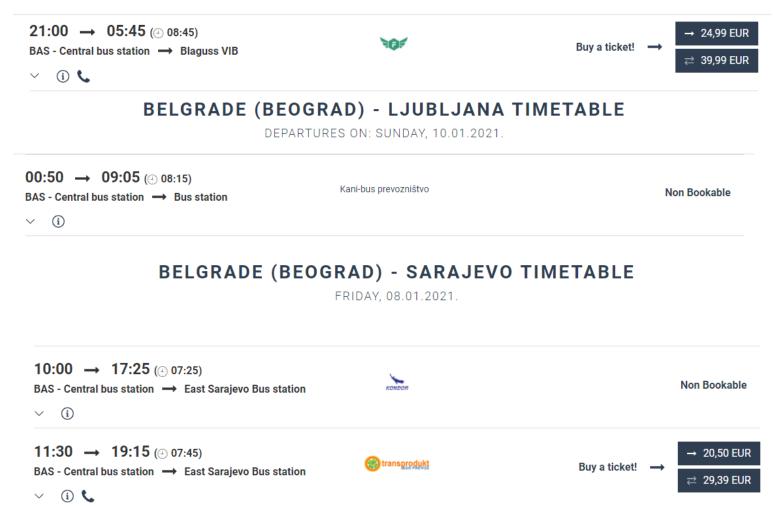
- Covid-19 and climate change discussion has an impact on night trains and their competitors
 - Assumption, that there will be less business trips after Covid, up to 50% replaced by video calls
 - Holiday trips will be more domestic or in neighbor countries, no need to fly
 - Reduced capacity of airlines, currently 40 % of the capacity before Covid
 - less airline capacity in the long-distance market
 - long distance coach operator FlixBus stopped currently all operations in Europe
- Climate change may trigger a shift to sustainable transport modes
 - Night trains are always explicitly mentioned as one measure
 - CO₂ taxation schemes makes flying more costly (revision the EU Emission Trading System Directive 2003/87/EC concerning aviation is ongoing)
- This may trigger opportunities for night trains



Current connections in Western Balkan region 1

BELGRADE (BEOGRAD) - WIEN (VIENNA) TIMETABLE

DEPARTURES ON: SATURDAY, 09.01.2021.



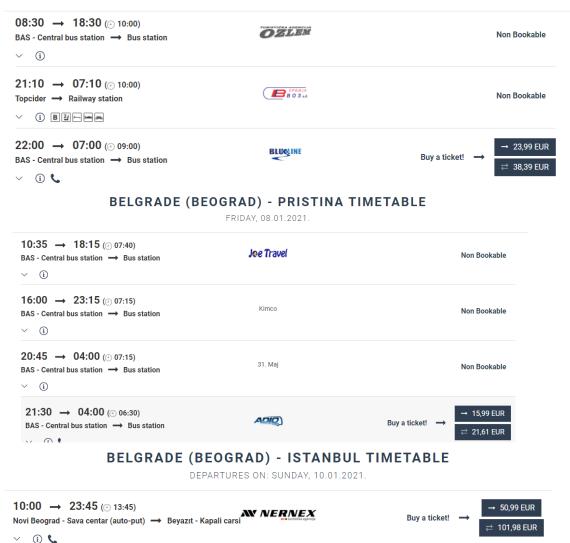
Data source: Polazak.com



Current connections in Western Balkan region 2

BELGRADE (BEOGRAD) - PODGORICA TIMETABLE

FRIDAY, 08.01.2021.



Slide 9



How ERA may support night trains?

- Vehicle authorization for cross-border rolling stock (e.g. Talgo train sets in Bosnia produced for night train services)
- Harmonization / reduction of national rules
- Assess the present day situation in the Wester Balkans
- Invite experts on the subject matter to a dedicated meeting
- Organize meetings between WB6 railway undertakings and from neighboring countries in the EU (e.g. Austria, Slovenia, Croatia, Greece, Hungary, Bulgaria, Romania)
- To facilitate the set up of a pilot night train service in line of the Western Balkan investment plan and Smart Mobility strategy together with the TCT (e.g between Vienna and Istanbul)





- Research for TRAN Committee Passenger night trains in Europe: the end of the line? (2017):
 http://www.europarl.europa.eu/RegData/etudes/STUD/2016/585891/IP
 OL STU(2016)585891 EN.pdf
- UIC Study night trains 2.0 final presentation. New opportunities by HSR? (2016): https://www.shop-etf.com/en/uic-study-night-trains-2-0-final-presentation-new-opportunities-by-hsr-executive-summary.html
- http://www.night-trains.com/
- EC Mobility Strategy:
 https://ec.europa.eu/transport/themes/mobilitystrategy-en-
- Economic and Investment Plan for the Western Balkans: https://ec.europa.eu/commission/presscorner/detail/en/IP 20 1811



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