



#ConnectingEurope Express

Lisbon 2 Sept > **Ljubljana** 24 Sept > **Paris** 7 Oct

Tour book!



EUROPEAN YEAR OF RAIL **2021**

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This Tour Book guides you along the entire route of the Connecting Europe Express (CEE).

Each day is illustrated on a map that shows the distance travelled, along with the stops and the indicative timing.

The map also shows relevant railway-related projects that have received EU support through the Trans-European Transport Network (TEN-T) Programme and/or the Connecting Europe Facility (CEF).

Since 2007, more than 750 railway projects on TEN-T have received around €20 billion of EU support.

Overall, these projects have led to over €50 billion of investments. On the following pages we are highlighting a subset of these projects along the CEE route. More details can be found at

**[https://cinea.ec.europa.eu/connecting-europe-facility/
transport-infrastructure_en](https://cinea.ec.europa.eu/connecting-europe-facility/transport-infrastructure_en)**

FOREWORD

Dear reader,

Welcome on board the Connecting Europe Express, a very special train that is taking the European Year of Rail 2021 to the people of Europe!

Railways have helped shape Europe as we know it today. And as one of our cleanest transport modes, rail is an ally in shaping the sustainable, carbon-neutral Europe of tomorrow.

The Connecting Europe Express will of course showcase the unifying force of rail and the benefits of our Trans-European transport network. It will also help us to better understand the challenges that European rail must overcome to become the transport mode of choice for passengers and businesses alike. This is an EU policy priority, as announced in our Sustainable and Smart Mobility Strategy.

This brochure is your guide to the Connecting Europe Express. It details the 5-week journey, starting on 2 September in Lisbon, stopping in more than 100 cities and towns in 26 countries, before arriving in Paris on 7 October. You will also find information about the three different trains needed to fit the different gauges used in Europe, and the coaches provided by at least eight different European rail operators.

I am happy that you are joining us on board the train and/or at the station in your country. Let's reflect together on how we can make rail more efficient, digital and resilient.

Yours,



Adina Vălean

European Commissioner for Transport



CONNECTING EUROPE EXPRESS-IBERIAN, STANDARD AND BALTIC TRAIN

DAY 1 IBERIAN TRAIN



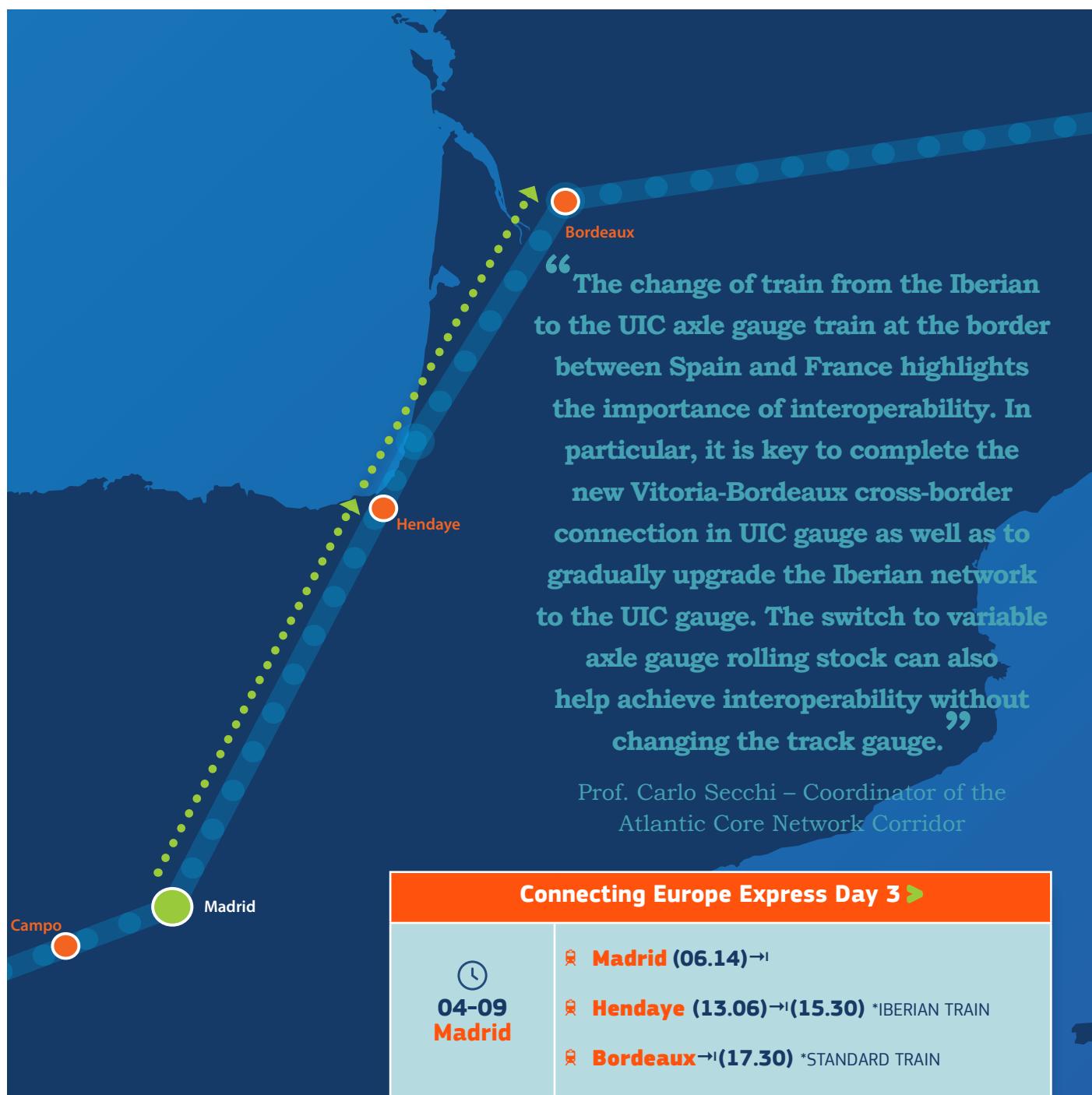
SELECTION OF PROJECTS ALONG THE ROUTE		EU SUPPORT
▶ Preparatory works for the implementation of the connection between the third Tagus crossing and the Oriente-Lisbon station		€5.4 M
▶ Studies for the implementation of the Portuguese high-speed rail network		€4.5 M
▶ Studies for the Alcântara rail grade separation		€1.6 M

DAY 2 IBERIAN TRAIN



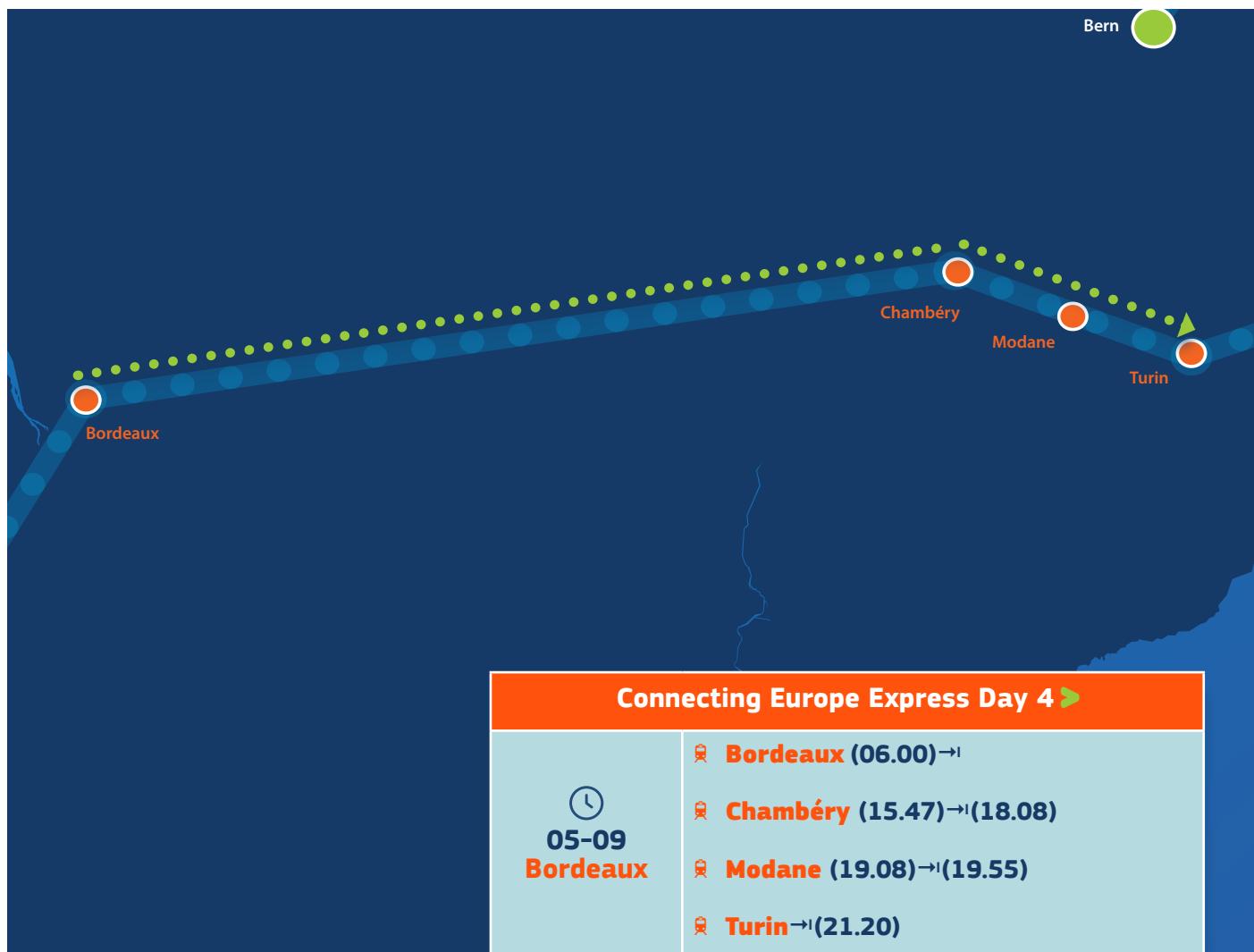
SELECTION OF PROJECTS ALONG THE ROUTE	EU SUPPORT
► Aveiro-Salamanca-Medina del Campo railway connection: Works on energy facilities and services to follow-up works	€19.6 M
► Upgrade of all Spanish high speed railway lines to version 2.3.0.d. of ERTMS (ETCS+GSMR) 2nd Phase	€4.2 M
► Supply, electrical facilities and acoustic works on the HSRL Chamartin-Atocha-Torrejon de Valesco section	€9.9 M
► Studies for the Aveiro-Vilar Formoso rail section	€1.9 M
► Beira Alta line (Pampilhosa-Vilar Formoso): detailed design and works	€375.9 M
► Sines/Lisboa-Madrid high Speed line - Madrid urban node. Study of the Atocha station railway complex (Phase 3)	€6.0 M
► Bergara-San Sebastian-Bayonne railway section. Studies and works plus services for follow-up works. Phase 1	€244.5 M

DAY 3 IBERIAN AND STANDARD TRAIN



SELECTION OF PROJECTS ALONG THE ROUTE		EU SUPPORT
► High Speed Railway Line Paris-Madrid: Guipúzcoano / Valladolid-Burgos / Arrazua/ Ubarrundia – Mondragón / Vitoria-Dax		€70.5 M
► High Speed Railway Line Paris-Madrid: Bordeaux-Spanish border		€17.1 M
► Europe Atlantic Vitoria Dax European Economic Interest Group (EEIG): General studies relating to the development of the 2020 French-Spanish network		€1 M
► High speed line Valladolid-Burgos-Vitoria. Track bed works for several sub-sections		€15.4 M
► Improvement of freight services between Bordeaux and Dax – first phase between Morcenx and Dax		€8.5 M
► ERTMS deployment on the Valladolid–Burgos railway section		€7.8 M

DAY 4 STANDARD TRAIN

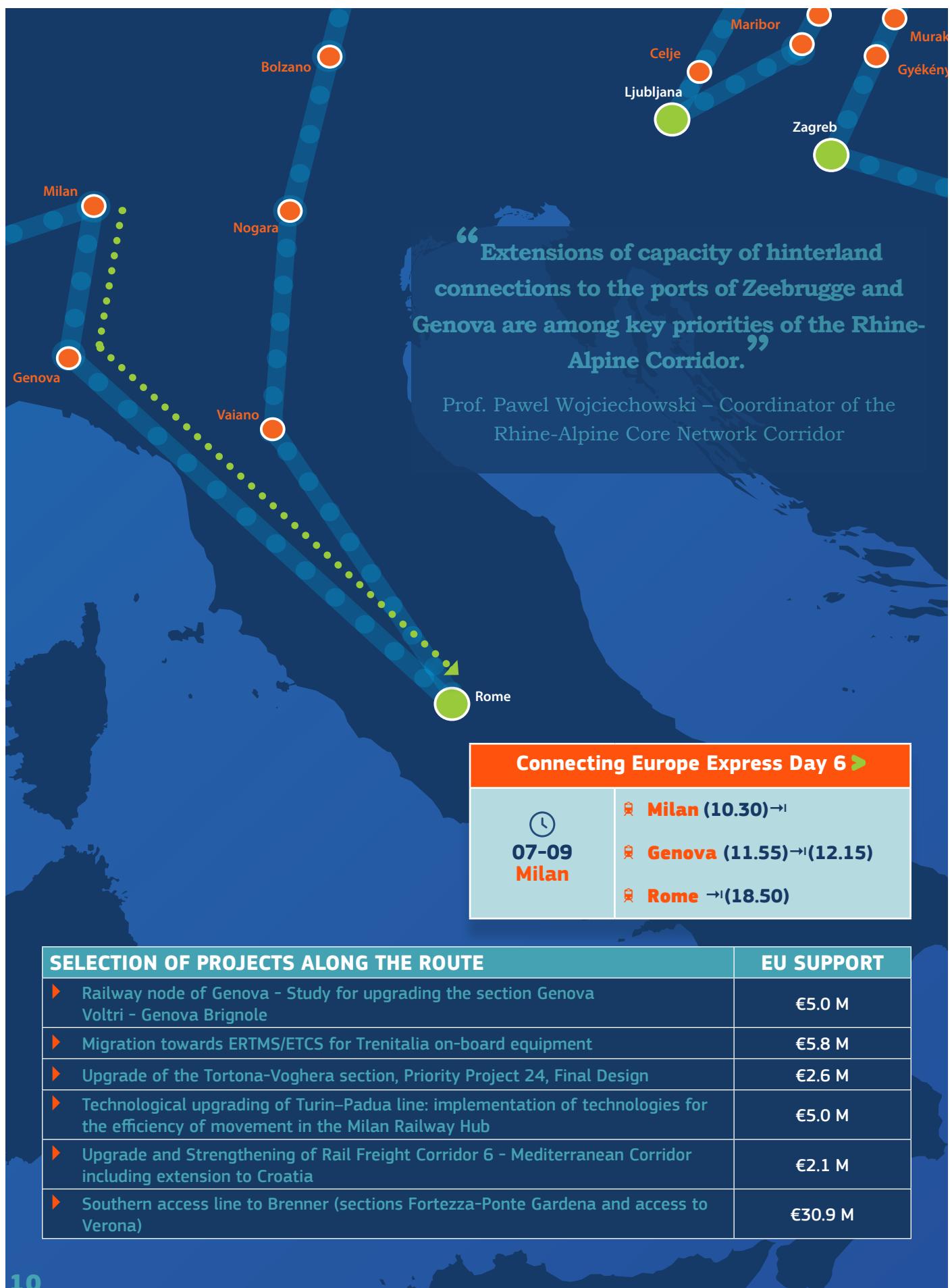


SELECTION OF PROJECTS ALONG THE ROUTE		EU SUPPORT
► High speed railway line between Nîmes and Perpignan, works and studies for bypassing Nîmes and Montpellier		€152.1 M
► Studies for the proposed new railway line between Montpellier and Perpignan (LNMP)		€9.3 M
► GV Sud: Nîmes-Montpellier-Perpignan section (preliminary studies) and terminal installations in the Perpignan-Figueras section		€3 M
► High speed railway line Paris-Madrid: Elimination of rail bottlenecks around Bordeaux		€35.8 M
► Hub of Torino, section Susa-Stura, Priority Project 6, removal of bottleneck		€50.0 M
► Cross Border Section of the New Lyon-Turin Rail Link Mont Cenis Base Tunnel (TBM)		€813.8 M
► Core Network - Elimination of Lyon railway bottleneck		€26.6 M
► Track-side deployment of ERTMS level 2 baseline 3 on the Paris-Lyon HSL		€116.9 M
► RAIL-TO-AIR - Enhancing the RAIL interconnection between TOriño urban node, AIRport and related hinterland		€14.6 M

DAY 5 STANDARD TRAIN



SELECTION OF PROJECTS ALONG THE ROUTE	EU SUPPORT
▶ ERTMS Implementation on the Railway Corridor D (Valencia - Budapest)	€18.9 M
▶ Completion of final design of the Treviglio-Brescia Section, on the Milano-Verona high speed/high capacity line	€6.1 M
▶ High Speed/High Capacity Treviglio-Brescia section: completion of 1st constructive lot	€114.2 M
▶ ERTMS Deployment on the Italian part of the Rhine-Alpine Core Network Corridor	€13.7 M
▶ MXP-AT Railink	€1.6 M
▶ Upgrading of the Chiasso-Milano railway line	€40.9 M
▶ MXP-NLINE	€63.4 M

DAY 6 STANDARD TRAIN

DAY 7 STANDARD TRAIN



SELECTION OF PROJECTS ALONG THE ROUTE		EU SUPPORT
► Rome Hub, Priority Project no. 1 - upgrade of Rome Tiburtina Station		€6.9 M
► Upgrade of Roma-Napoli high speed line in order to ensure compatibility with ERTMS baseline 2.3.0d		€3.0 M
► Veneto Region coordinated initiative enhancing core intermodal nodes		€2.0 M
► Southern access line to Brenner (sections Fortezza-Ponte Gardena and access to Verona)		€30.9 M
► ERTMS trackside equipment on Italian railway sections		€45.7 M

DAY 8 STANDARD TRAIN**SELECTION OF PROJECTS ALONG THE ROUTE****EU SUPPORT**

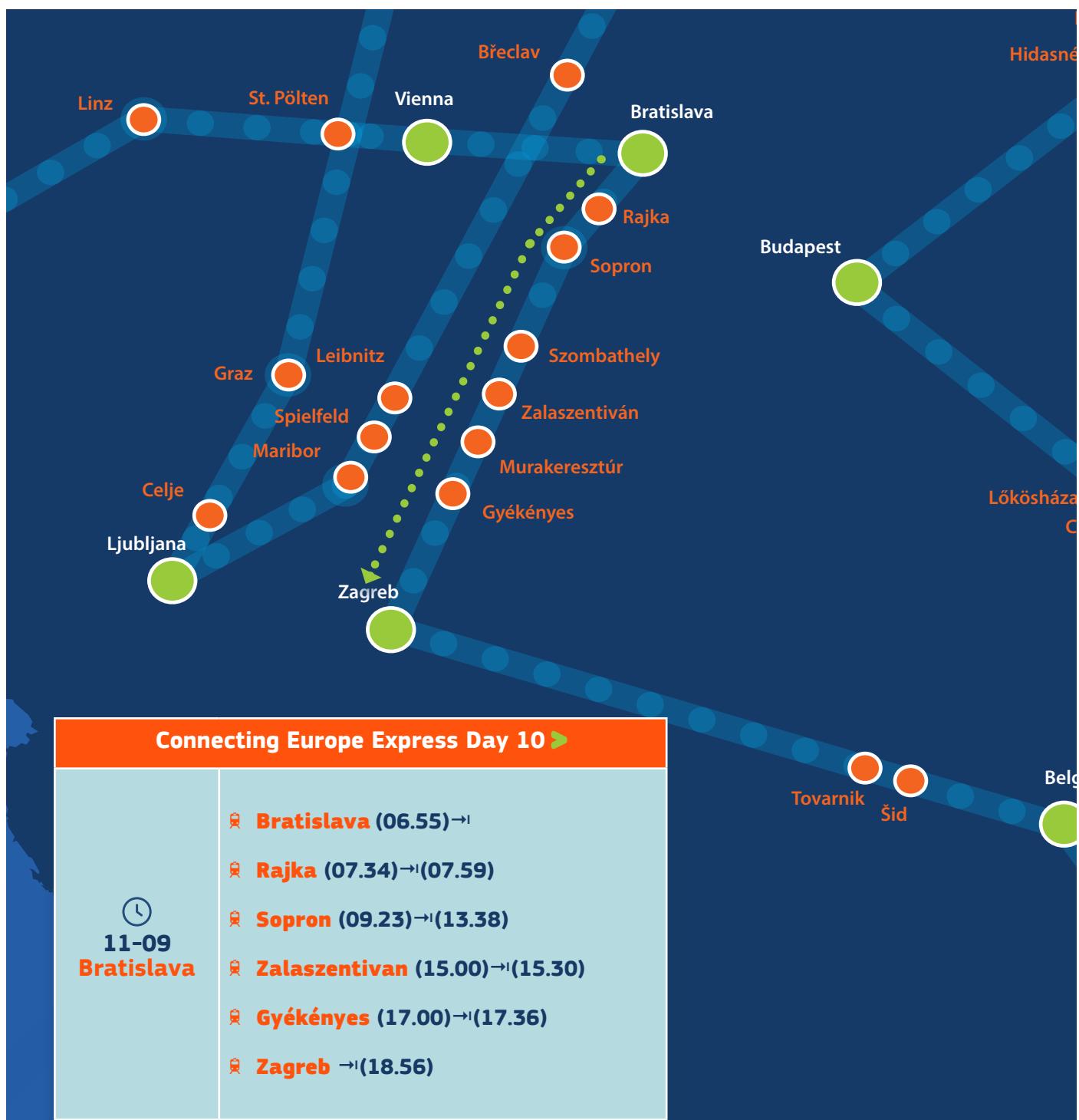
► Works for construction of new high speed line between Kundl/Radfeld and Baumkirchen	€58.3 M
► Works for upgrading of the cross-border section Salzburg- German border	€25.0 M
► ERTMS deployment on Corridor B (Stockholm-Naples) – Austrian section	€12.0 M
► Upgrading of the Freilassing (German-Austrian border)-Salzburg section of the TEN-T Rhine-Danube Core Network Corridor	€13.0 M
► Studies for a new double-track railway line between Salzburg and Neumarkt-Köstendorf	€14.1 M
► Studies for the Northern Access Line to the Brenner Base Tunnel between Munich (Germany) and Radfeld (Austria)	€14.3 M
► Brenner Base Tunnel - Studies	€594.9 M
► Brenner Base Tunnel – Works	€878.6 M

DAY 9 STANDARD TRAIN



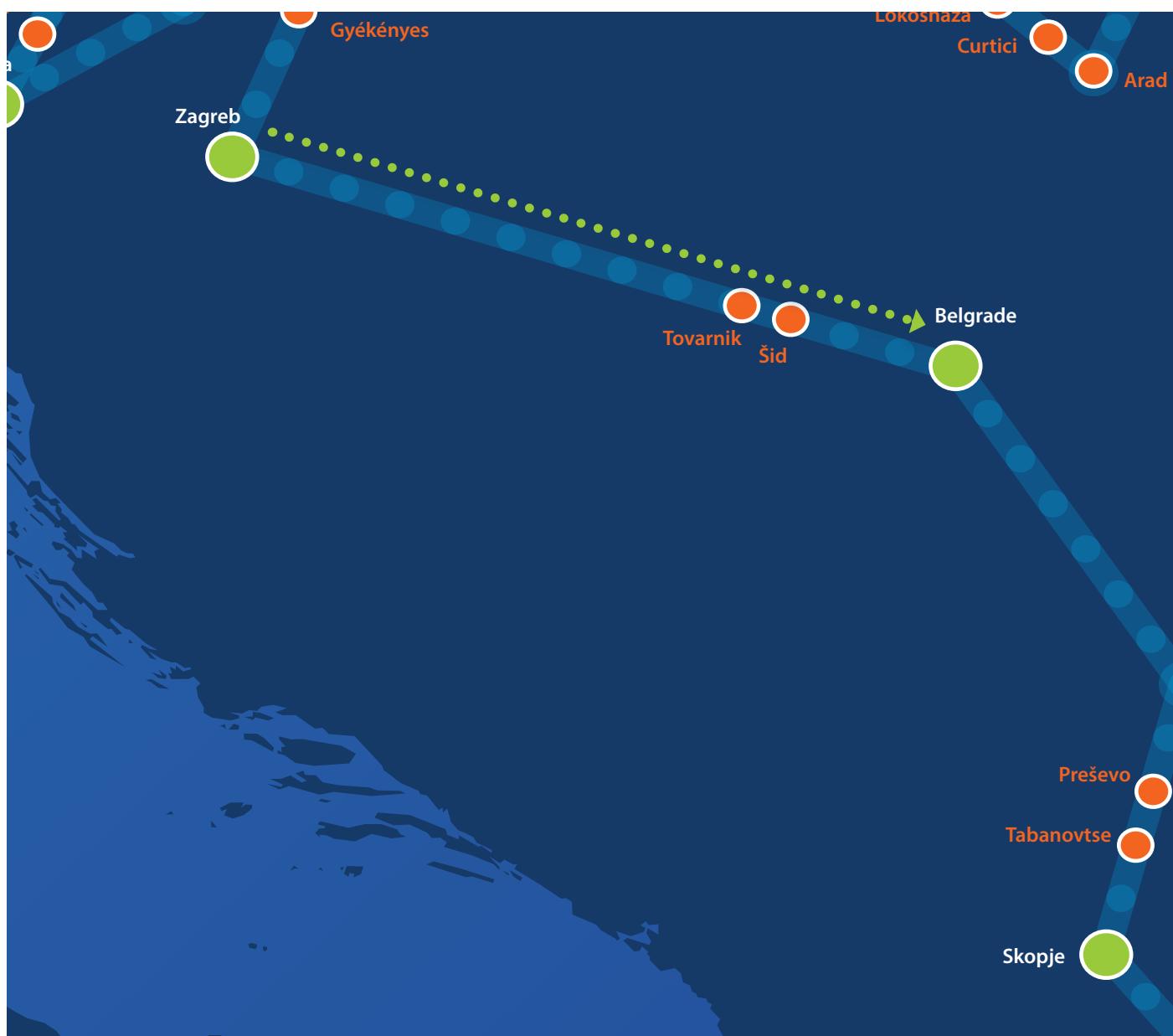
SELECTION OF PROJECTS ALONG THE ROUTE		EU SUPPORT
► ERTMS deployment on Corridor E (Dresden-Constanta)	Trackside equipment	€6.4 M
► Modernisation of two sections of the CZ/SK state border-Devinska Nová Ves railway line		€37.6 M
► Upgrading and electrification from Vienna Stadlau to the Slovakian Border near Marchegg (bottleneck removal)		€65.8 M
► Priority TEN-T axis No. 17 Paris – Strasbourg – Stuttgart – Vienna – Bratislava, Freight train bypass St. Pölten - Western connection		€12.3 M
► Works and Studies for upgrading the Vienna-Bratislava railway line (Six sub-projects)		€118.8 M

DAY 10 STANDARD TRAIN



SELECTION OF PROJECTS ALONG THE ROUTE		EU SUPPORT
► Upgrade of the existing track and construction of a second one on the Križevci-Koprivnica-state border railway line section		€241.3 M
► Preparatory activities for the upgrade of the Hegyeshalom-Rajka (HU-SK border) railway line		€1.9 M
► Upgrade and electrification of the Wiener Neustadt-state border-Loipersbach-Schattendorf (-Sopron) railway line		€3.0 M

DAY 11 STANDARD TRAIN



Connecting Europe Express Day 11 ➤

12-09
Zagreb

- ⌚ **Zagreb (11.30) →**
- ⌚ **Tovarnik (15.04) → (15.19)**
- ⌚ **Šid (15.26) → (15.51)**
- ⌚ **Belgrade (Centar) → (18.12)**

SELECTION OF PROJECTS ALONG THE ROUTE

EU SUPPORT

- | | |
|---|---------|
| ► Preparation of design documents for the upgrade of the Okučani–Vinkovci railway section | €9.5 M |
| ► Improvement of railway infrastructure - establishment of monitoring systems for safety, security and technical controls | €14.5 M |

DAY 12 STANDARD TRAIN

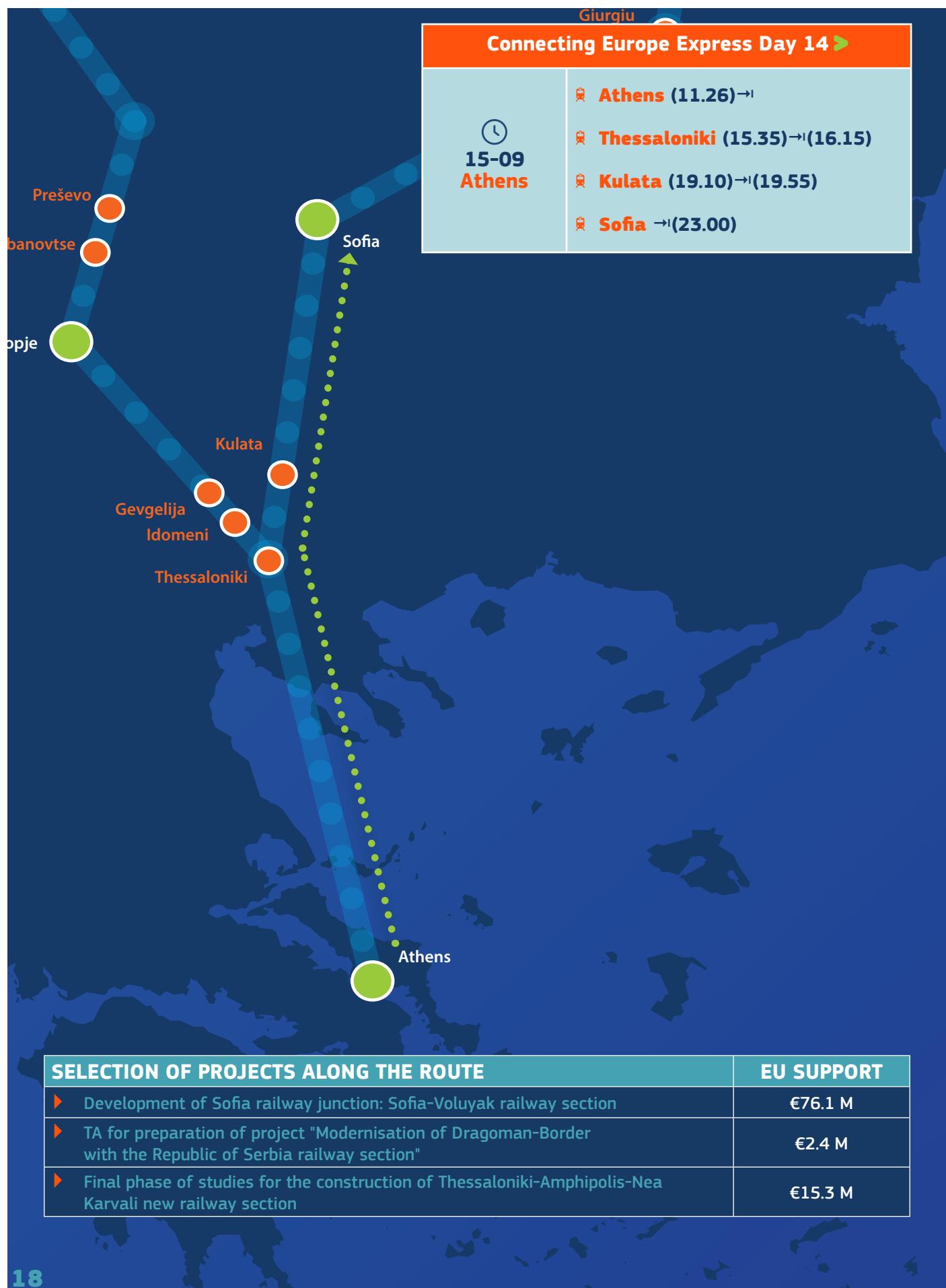


DAY 13 STANDARD TRAIN

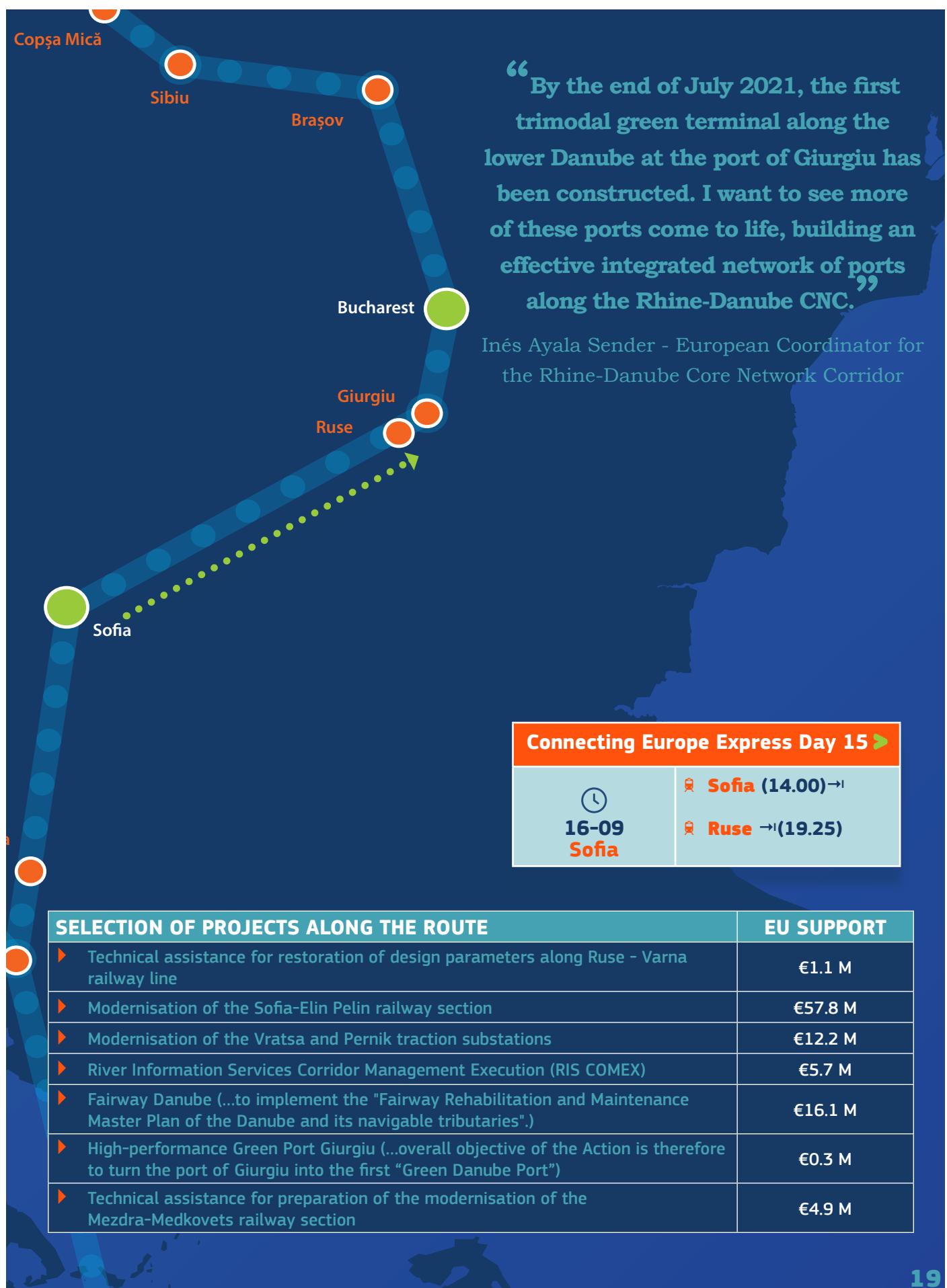


SELECTION OF PROJECTS ALONG THE ROUTE		EU SUPPORT
► New single railway line connecting Thessaloniki-Amphipolis-New Karvali (Phase A of studies)		€1.9 M
► Completion of the new, electrified, Tithorea-Lianonkladi-Domokos high speed double railway line		€235.8 M
► Upgrade of the Polikastro-Idomeni railway section		€6.9 M
► Upgrade of the Athens (RS)-Tris Gefires railway section		€40.4 M

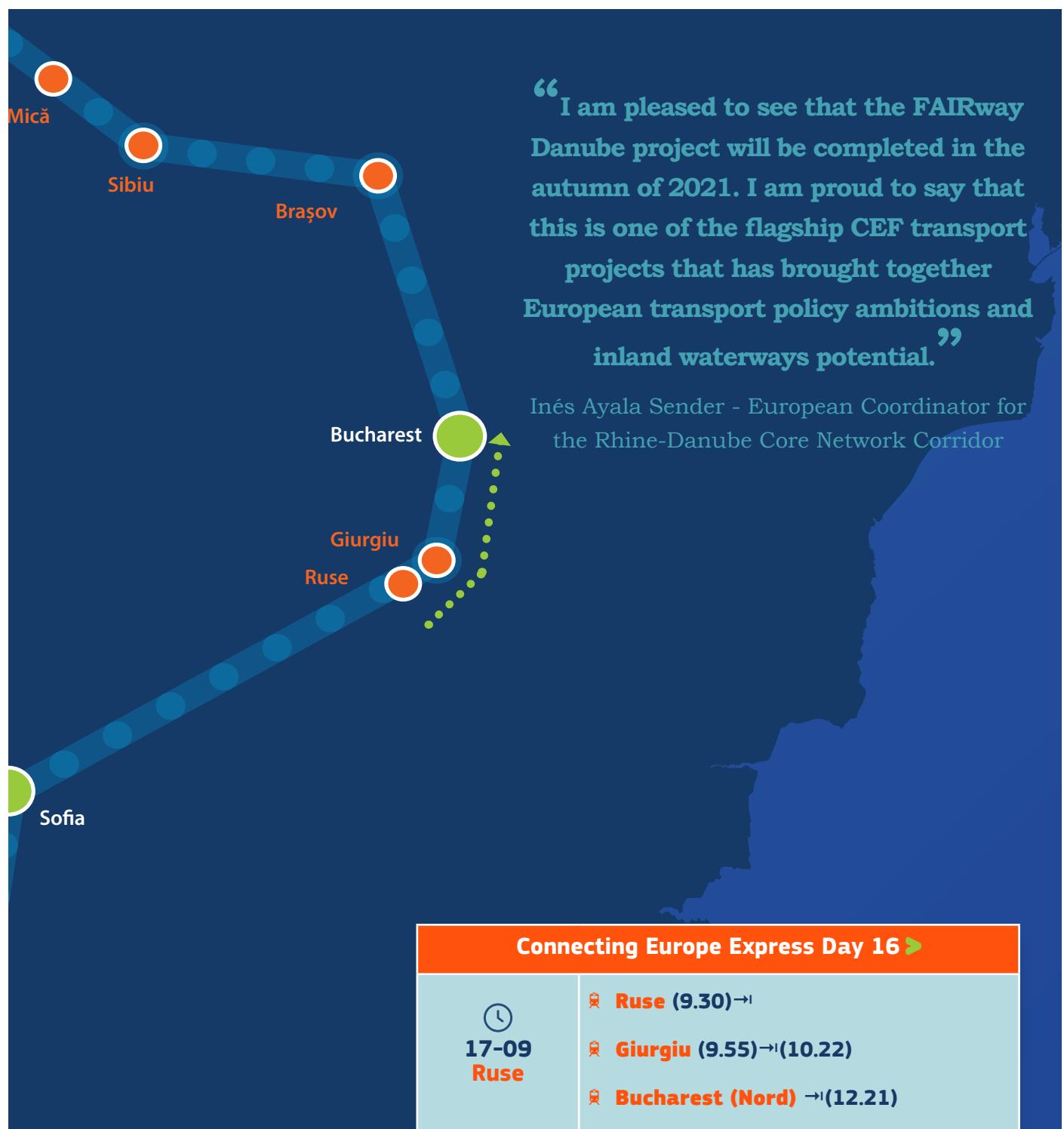
DAY 14 STANDARD TRAIN



DAY 15 STANDARD TRAIN

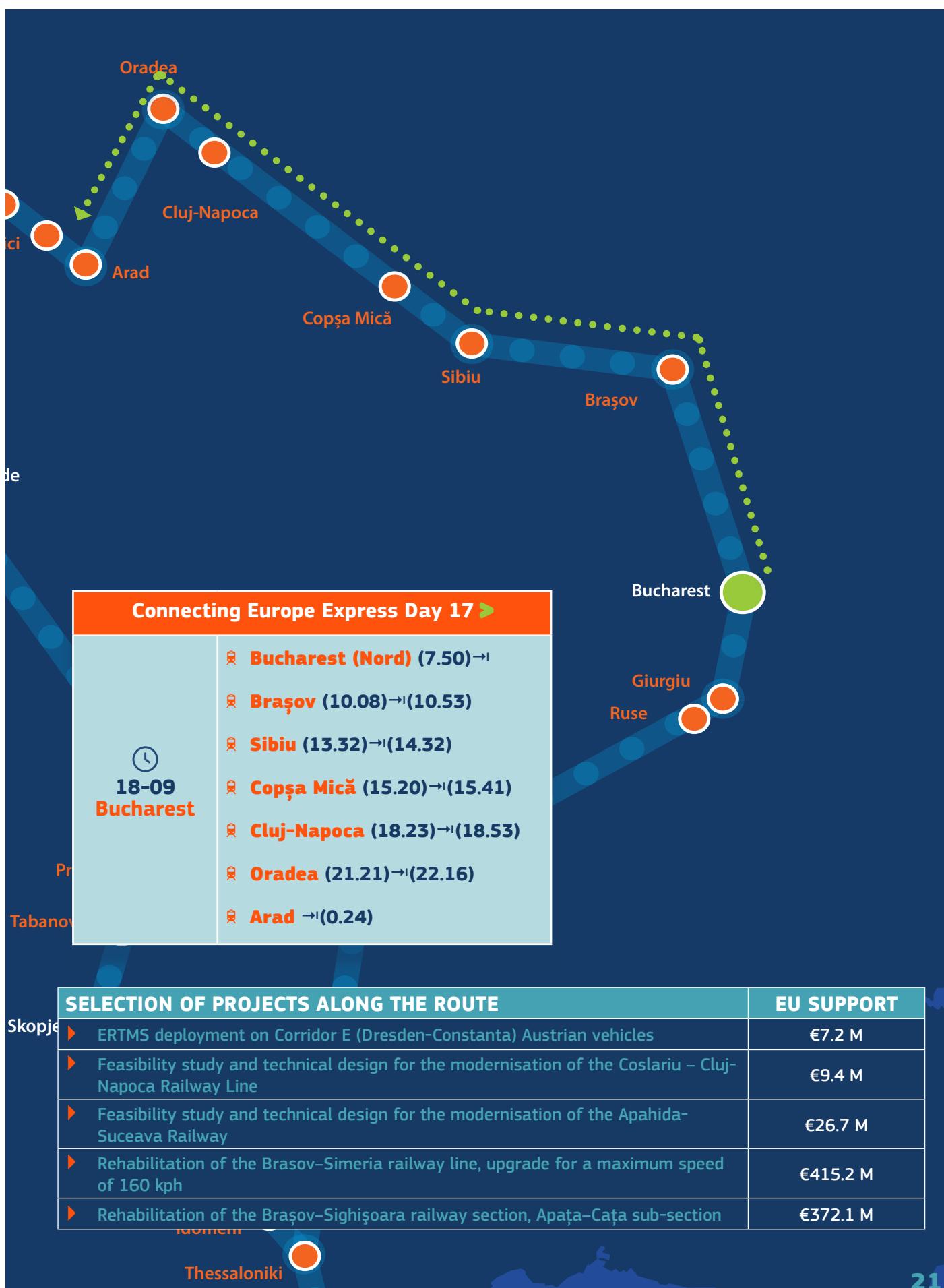


DAY 16 STANDARD TRAIN

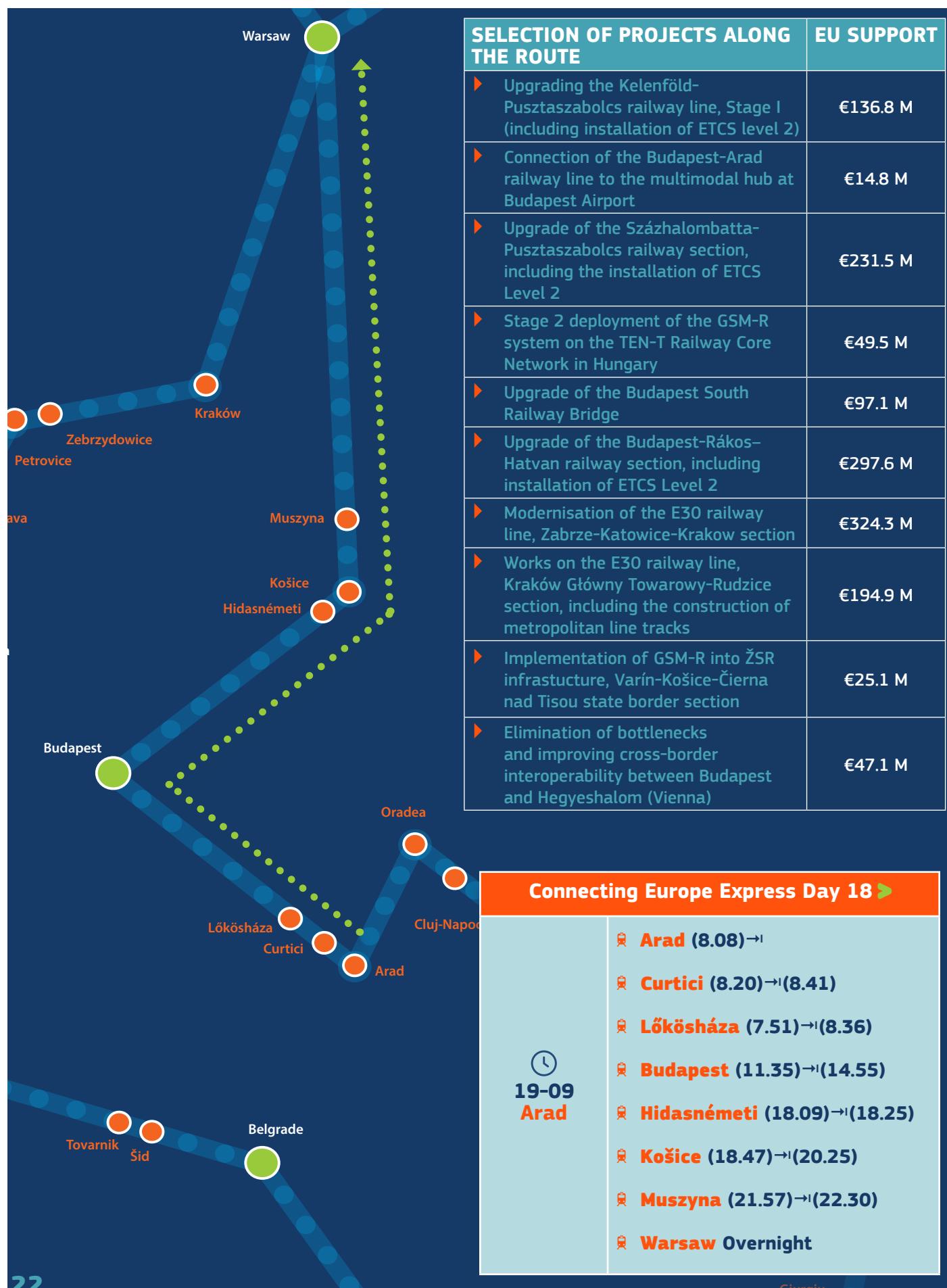


SELECTION OF PROJECTS ALONG THE ROUTE		EU SUPPORT
► Feasibility study and technical design for the modernisation of the Bucuresti - Craiova Railway Line		€17.4 M
► Feasibility study for the modernisation of the railway lines and installations from the Bucuresti Railway Complex		€4.3 M
► Modernisation of the Bucuresti Nord - International Airport Henri Coanda Bucuresti railway line		€46.6 M

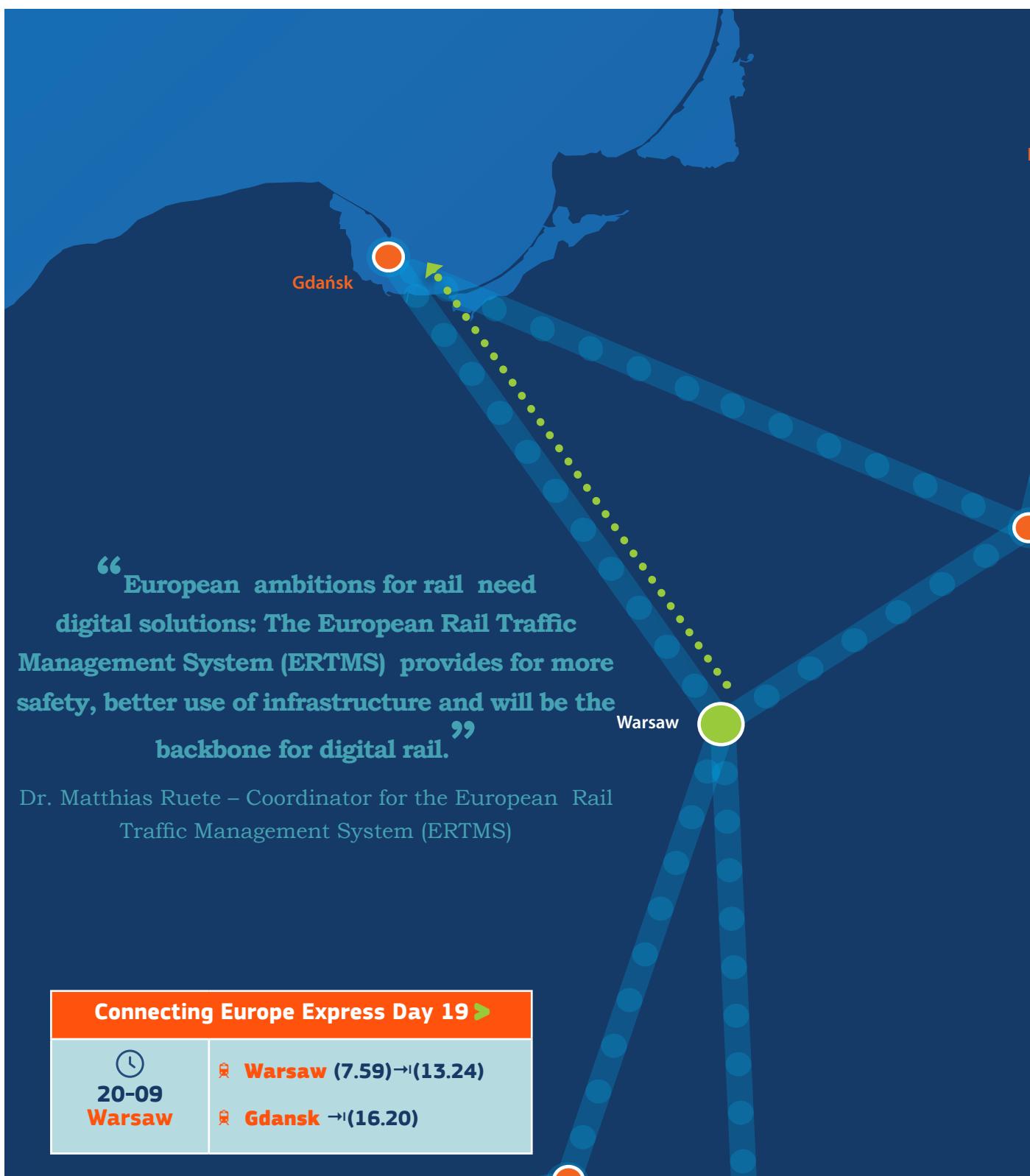
DAY 17 STANDARD TRAIN



DAY 18 STANDARD TRAIN

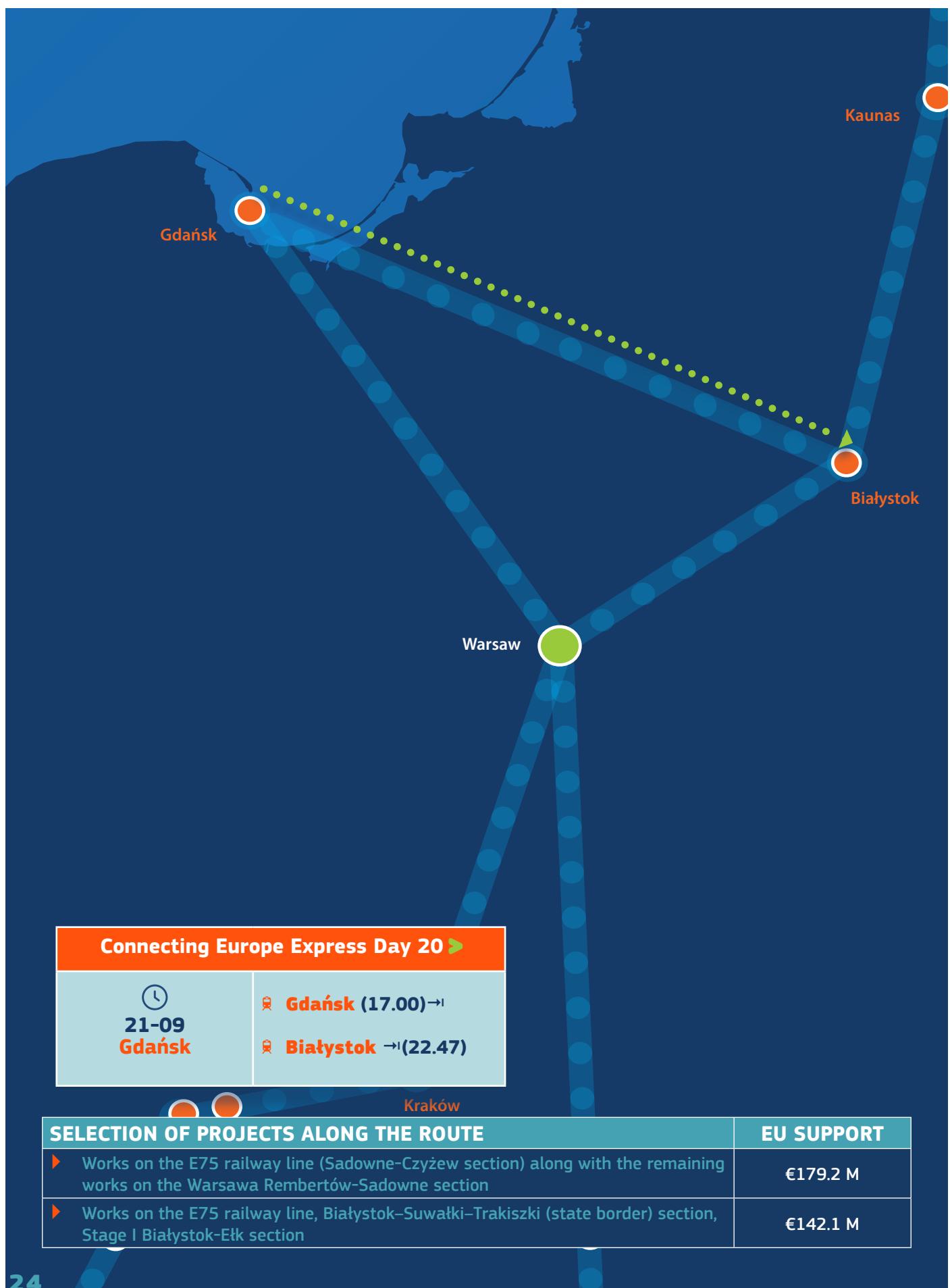


DAY 19 STANDARD TRAIN



SELECTION OF PROJECTS ALONG THE ROUTE	EU SUPPORT
► Works on the Warszawa Włochy-Grodzisk Mazowiecki railway line	€50.3 M
► Works on the Warsaw ring railway (section Warszawa Golabki/Warszawa Zachodnia–Warszawa Gdańsk)	€46.0 M
► Deployment of ERTMS/ETCS on TEN-T Core Network railway lines	€186.9 M

DAY 20 STANDARD TRAIN



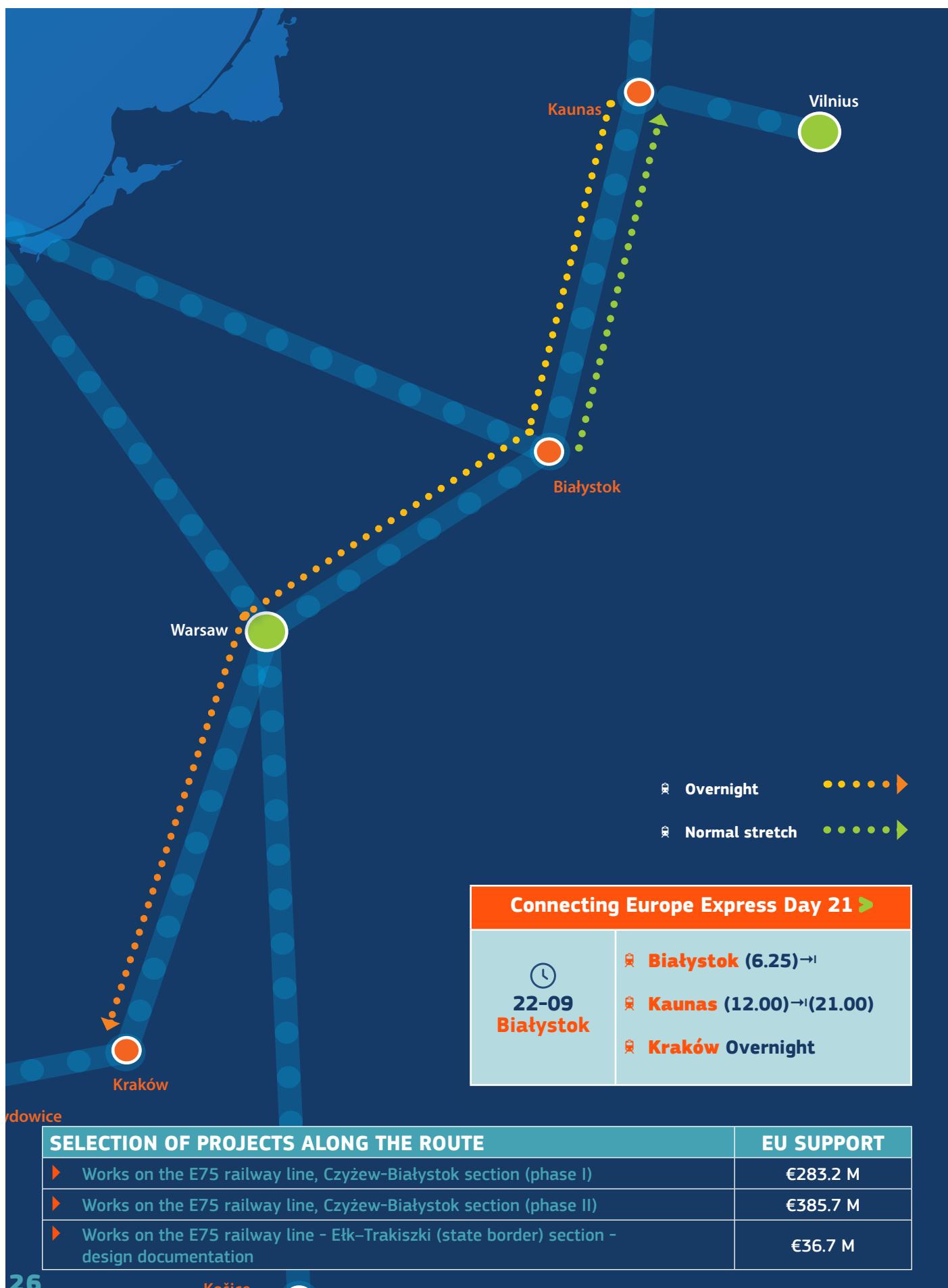
DAY 20-21 BALTIC TRAIN

The Rail Baltica project is of geopolitical importance for the Baltic States, the EU and the citizen in that region. It is also a key part of the North-Sea Baltic core network corridor and I am looking forward to a swift and joint realisation of this project.

Catherine Trautmann - Coordinator for the North-Sea Baltic Core Network Corridor

Connecting Europe Express Day 20-21 ➤	
⌚ 21-09 Tallinn	🚂 Tallinn (8.49) → I
	🚂 Tartu (11.07) → I (11.57)
	🚂 Valka (12.41) → I (13.10)
	🚂 Riga (15.24) → I (16.24)
	🚂 Jelgava (17.02) → I (17.27)
⌚ 22-09 Vilnius	🚂 Vilnius (10.50) → I
	🚂 Kaunas → I (12.00)

SELECTION OF PROJECTS ALONG THE ROUTE	EU SUPPORT
▶ Cross-border section Tartu - Valga railway reconstruction/upgrading	€9.3 M
▶ Studies for Rail Baltica, Lithuanian part	€10.8 M
▶ Rail Baltica - works in Kaunas node and preparation for the Kaunas-LT/LV border section	€72.1 M
▶ Rail Baltica - 1,435 mm standard gauge railway line development in Estonia, Latvia and Lithuania	€791.8 M
▶ Rail Baltica - 1,435 mm standard gauge railway line development in Estonia, Latvia and Lithuania (Part IV) - Studies	€73.2 M

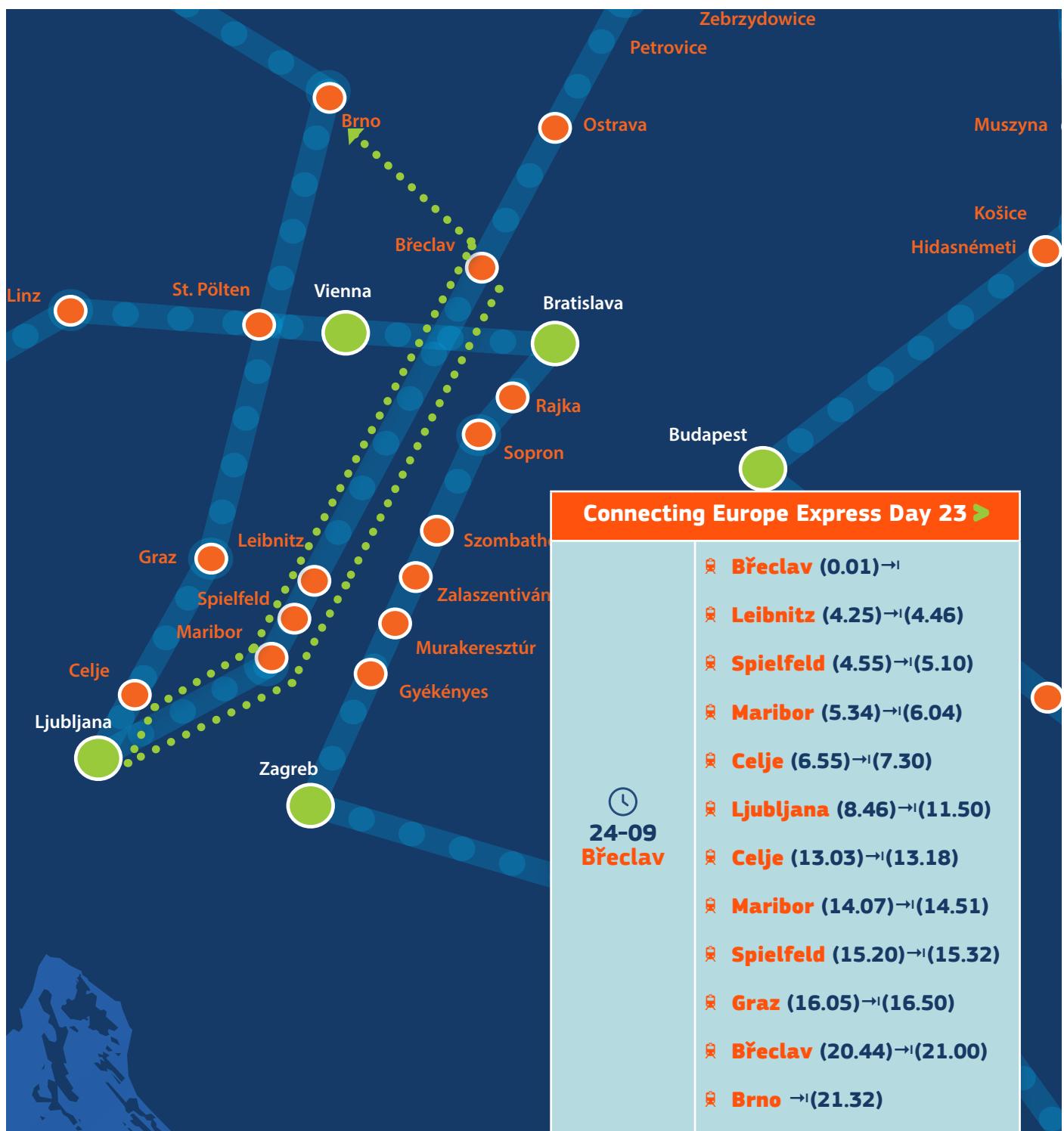
DAY 21 STANDARD TRAIN

DAY 22 STANDARD TRAIN



SELECTION OF PROJECTS ALONG THE ROUTE	EU SUPPORT
► Koralm railway line (Graz-Klagenfurt): package of implementation measures for 2014-2020	€57.2 M
► ETCS Petrovice u Karvine-Ostrava-Prerov-Breclav	€20.5 M
► Upgrade of the Valašské Meziříčí-Hustopeče nad Bečvou railway line	€46.3 M
► Modernisation of selected sections of the Brno-Přerov railway line	€16.3 M

DAY 23 STANDARD TRAIN



SELECTION OF PROJECTS ALONG THE ROUTE

EU SUPPORT

► ETCS Prerov–Ceska Trebova	€11.9 M
► Upgrade of the Zidani Most–Celje railway line	€90.6 M
► Reconstruction of the railway substructure and superstructure of the Přerov junction	€33.1 M
► Works on primary passenger lines (E30 and E65) within the Silesian Province.	€95.0 M
► Přerov junction – Technologies and selected infrastructure	€48.4 M

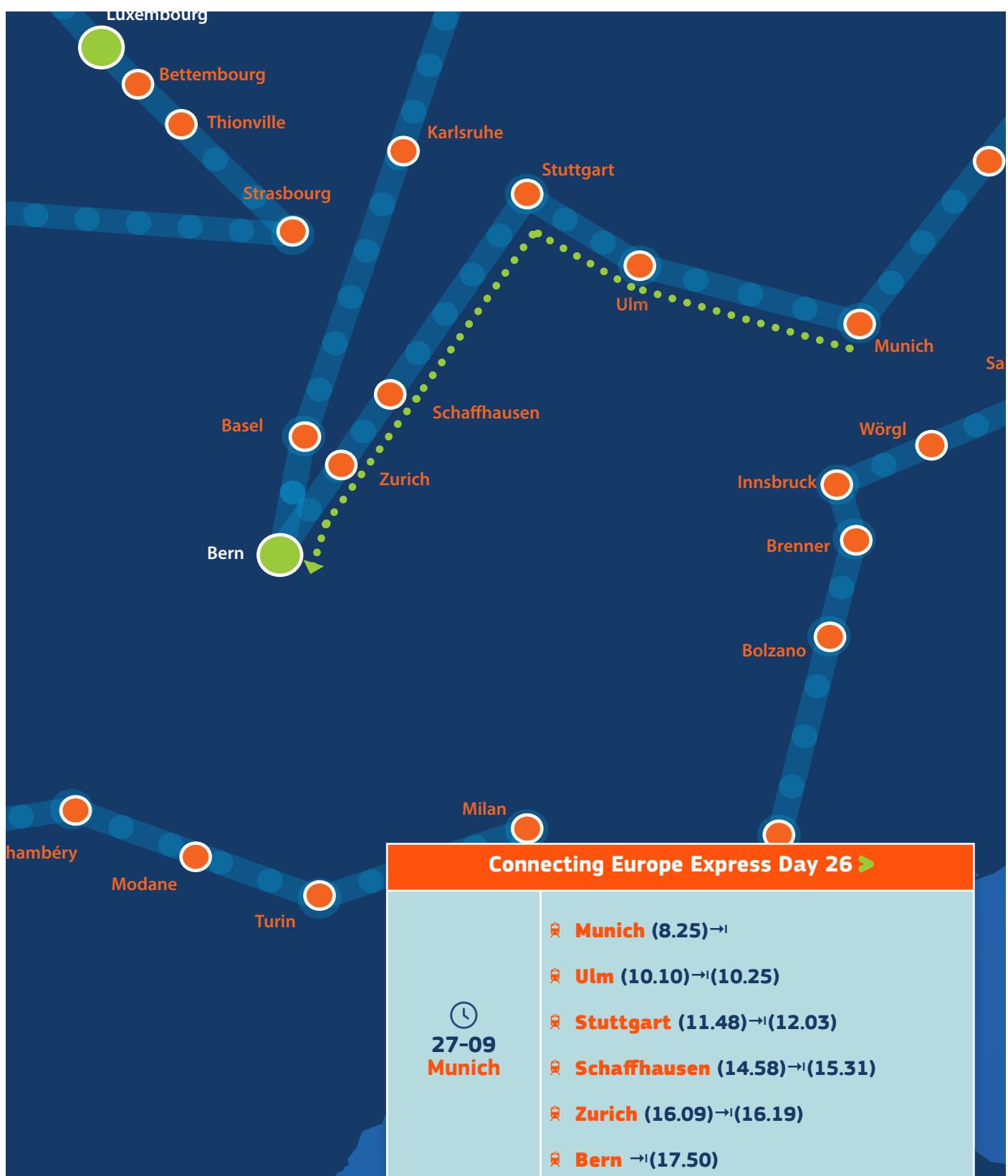
DAY 24 STANDARD TRAIN



DAY 25 STANDARD TRAIN



DAY 26 STANDARD TRAIN



SELECTION OF PROJECTS ALONG THE ROUTE

EU SUPPORT

- Works for the construction of a high speed line between Wendlingen and Ulm
- Works for the construction of the high speed line between Stuttgart and Wendlingen, including Stuttgart 21

€550.1 M

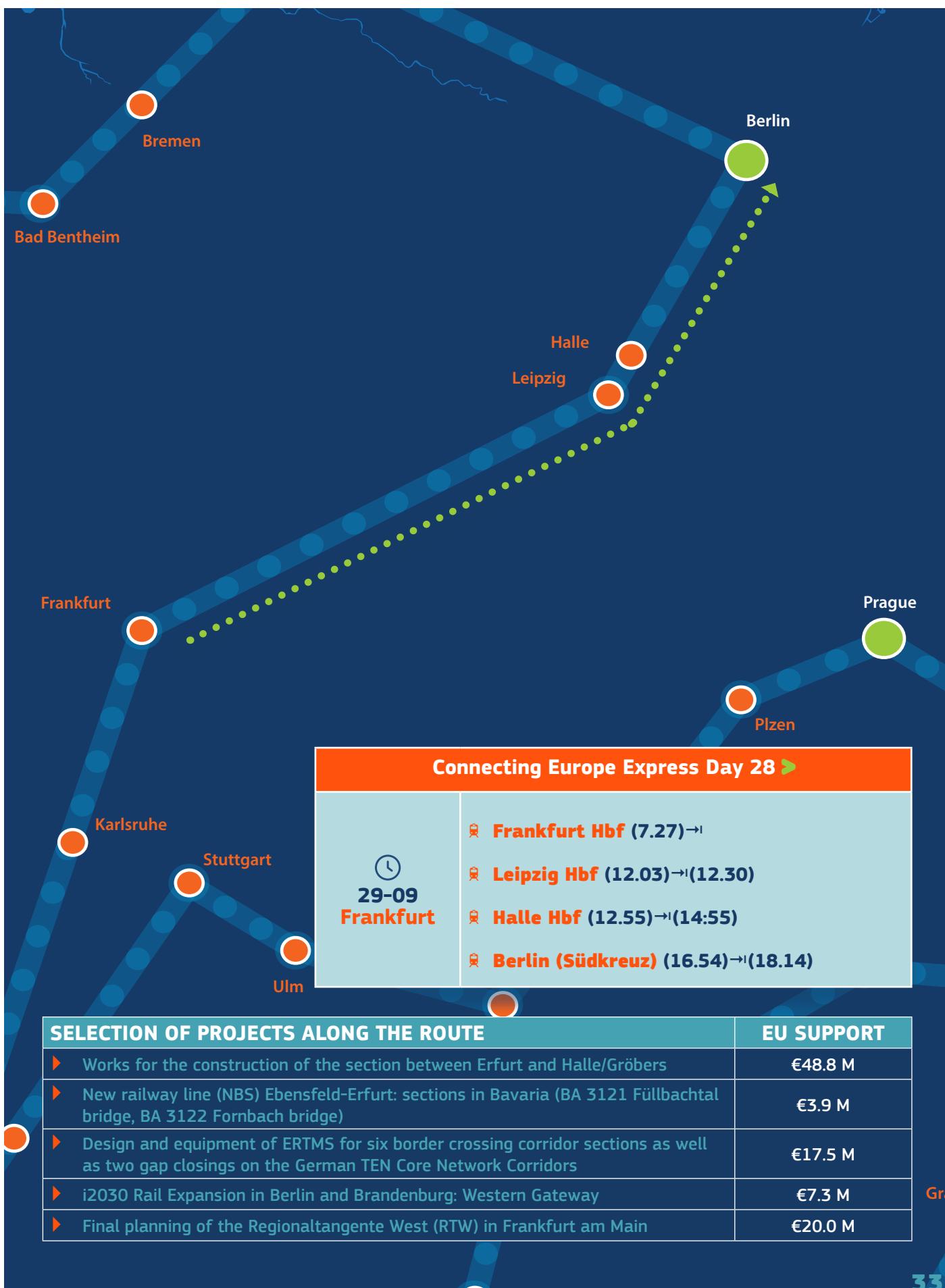
€783.2 M

DAY 27 STANDARD TRAIN

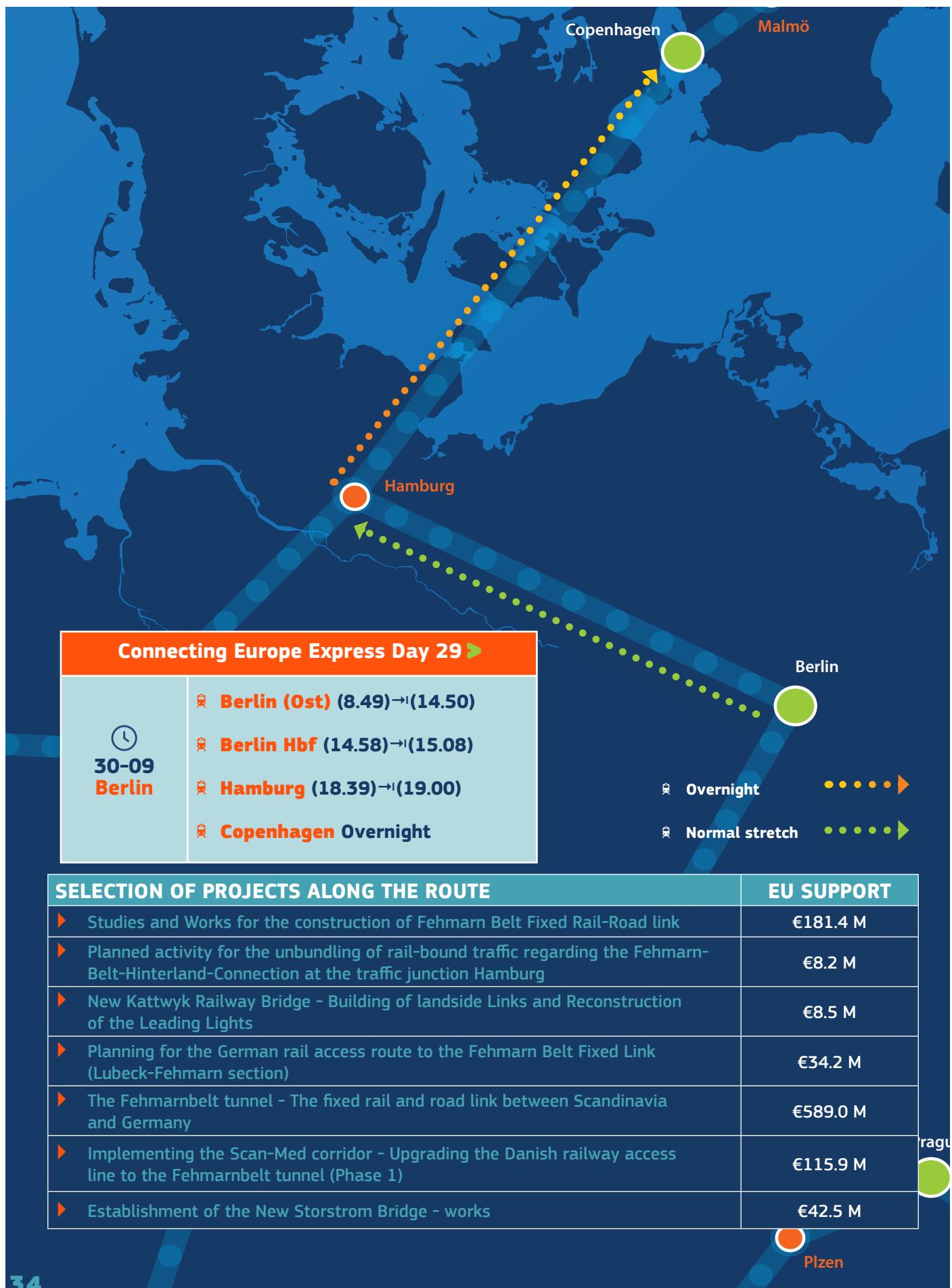


SELECTION OF PROJECTS ALONG THE ROUTE		EU SUPPORT
► Works for the construction of the high speed rail line section between Saarbrücken and Ludwigshafen		€18.2 M
► Works for construction and modernisation of the section between Kehl-Appenweier		€13.7 M
► Works for construction and reconstruction of the partially existing railway section between Karlsruhe and Basel		€82.6 M
► ERTMS Deployment on the German part of the Rhine-Alpine Core Network Corridor		€51.7 M
► Upgraded Karlsruhe-Basel line/New-build line (ABS/NBS) with partial upgrade measures on the existing line		€311.4 M
► Saarbrücken to Ludwigshafen railway line		€24.0 M
► Detailed technical studies and construction for removing the Strasbourg node bottleneck		€23.6 M
► Improving the capacity and performance of the Mulhouse rail node		€13.2 M

DAY 28 STANDARD TRAIN

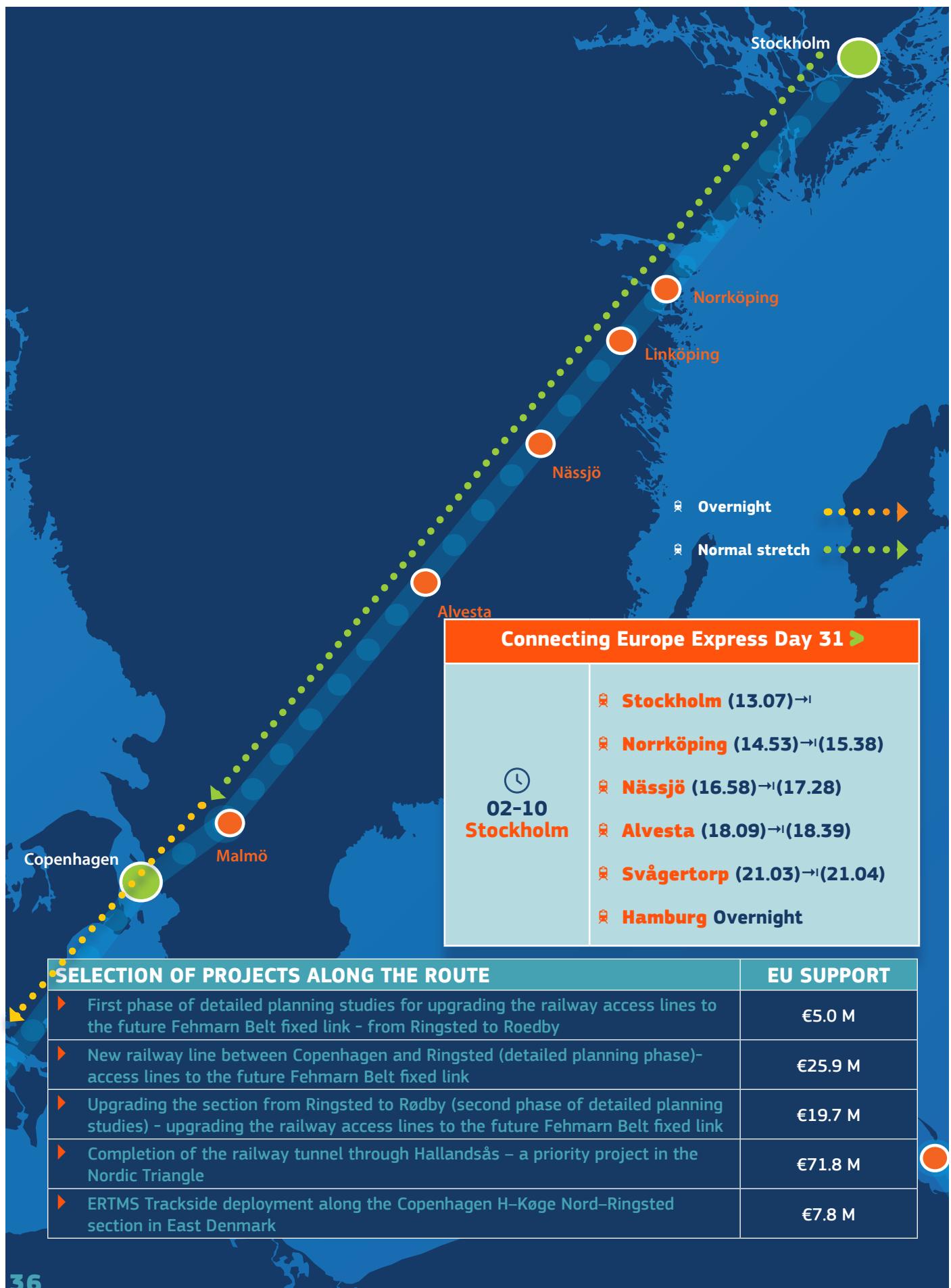


DAY 29 STANDARD TRAIN



DAY 30 STANDARD TRAIN



DAY 31 STANDARD TRAIN

DAY 32 STANDARD TRAIN

Connecting Europe Express Day 32 ➤

🕒
03-10
Hamburg

- **Hamburg (7.03) → (7.13)**
- **Bremen (8.08) → (8.23)**
- **Bad Bentheim (10.12) → (10.42)**
- **Amsterdam → (13.33)**

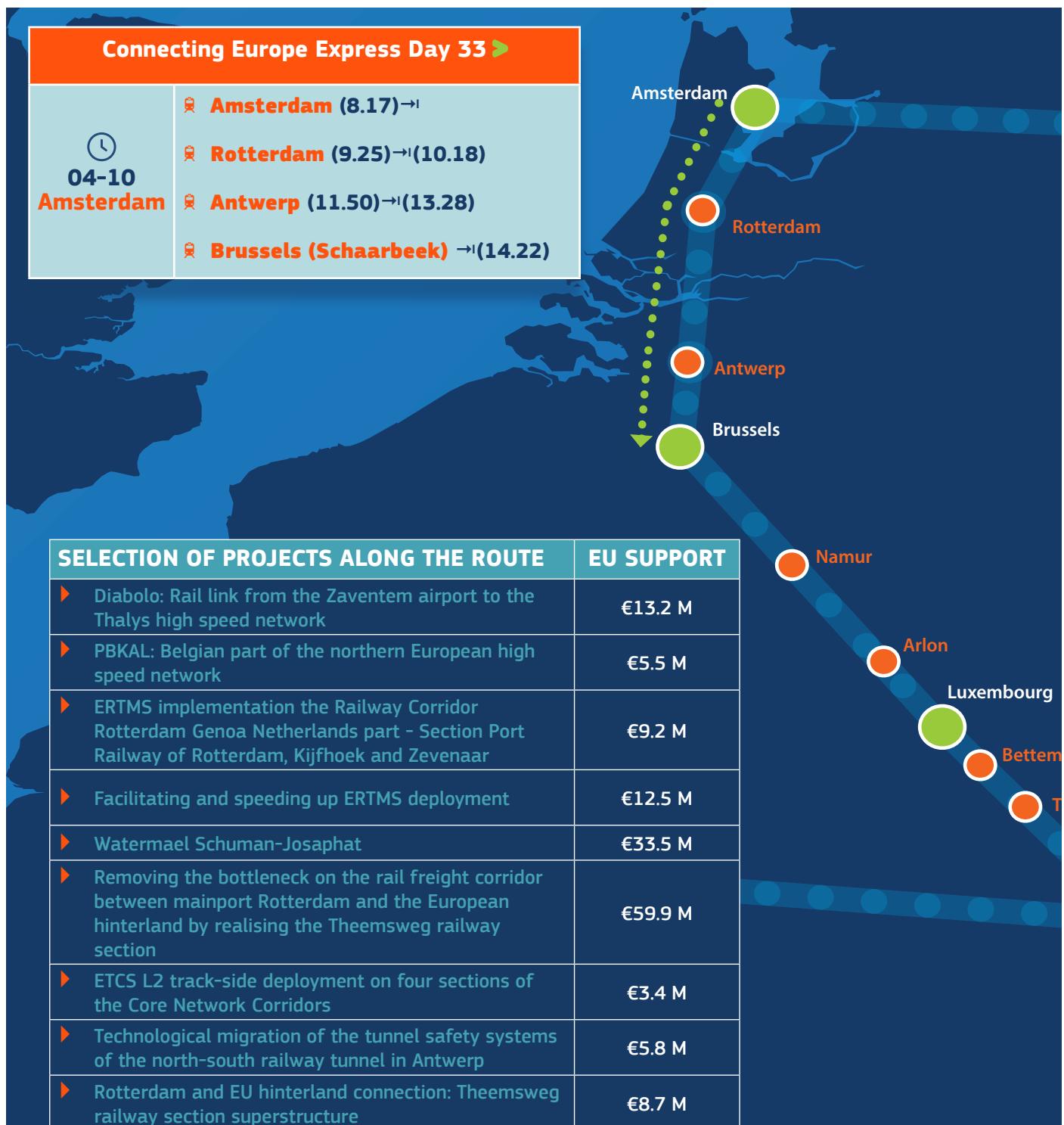


“The Connecting Europe Express is an invitation and a chance to learn more about how EU transport policy in conjunction with national, regional and municipal authorities and multiple sectoral stakeholders is developing and delivering transport systems fit for the 21st century, committed to decarbonisation, digitalisation and improved connectivity, competitiveness and safety.**”**

Pat Cox – Coordinator for the Scandinavian-Mediterranean Core Network Corridor

**SELECTION OF PROJECTS ALONG THE ROUTE**

	EU SUPPORT
➤ Optimising Rail Connection Port of Amsterdam - European Hinterland (ORCAEU) - Elimination missing links for intermodal freight transport	€2.8 M
➤ Upgrade of ETCS system to 2.3.0d in the Betuwe Route	€1.0 M
➤ Intermodal Amsterdam Gateway: a new public transport terminal to eliminate rail network bottlenecks and improve (inter)national accessibility	€2.5 M
➤ Implementation study for the quality improvement of the cross-border railway connection between Groningen (NL) and Bremen (GE)	€3.8 M
➤ Upgrading Amersfoort East side rail yard on the pre-identified core North Sea Baltic section	€7.1 M

DAY 33 STANDARD TRAIN

“ A truly sustainable, smart and seamless European Maritime Space depends on multimodal connectivity. Especially via hinterland and last-mile connections by rail and inland waterways. ”

Prof. Kurt Bodewig - European Coordinator for the Motorways of the Sea

DAY 34 STANDARD TRAIN



“ Beyond being long awaited by the citizens, who need significant travel time reduction for both short-distance and international journeys, the EuroCap-Rail project has a great symbolic European dimension, linking the three European capitals, Brussels, Luxembourg and Strasbourg. ”

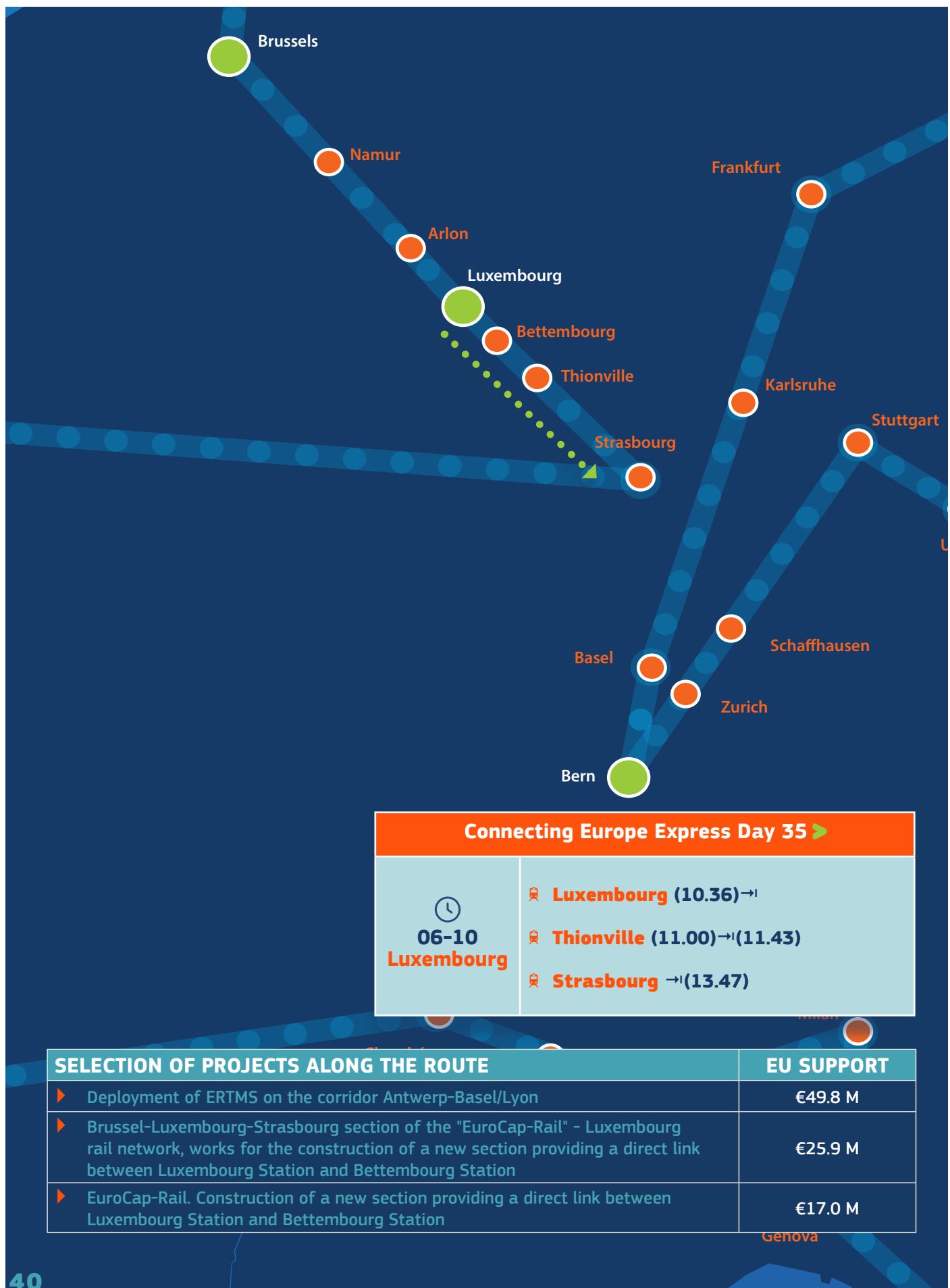
Prof. Péter Balázs - Coordinator of the North Sea-Mediterranean Core Network Corridor

SELECTION OF PROJECTS ALONG THE ROUTE	EU SUPPORT
► Luxembourg rail network. EuroCap-Rail. Studies regarding the construction of a new section providing a direct link between Luxembourg Station and Bettembourg and the upgrading of Bettembourg Station	€2.9 M
► Improvement of the railway connection between Louvain-la-Neuve and Luxembourg (EuroCap-rail)	€34.8 M
► Increasing performance on four freight sections on all Core network Corridors in Belgium	€19.3 M

Modane

Turin

DAY 35 STANDARD TRAIN



DAY 36 STANDARD TRAIN



Connecting Europe Express Day 36 ➤

⌚
07-10
Strasbourg

🇫🇷 **Strasbourg** (8.45) →
🇫🇷 **Paris (Est)** → (12.40)

SELECTION OF PROJECTS ALONG THE ROUTE	EU SUPPORT
► Second phase of the East European LGV between Baudrecourt and Strasbourg - Construction of civil engineering for the LGV	€76.0 M
► Migration of the French East European High Speed Line to Specification Baseline 2.3.0.d	€1.0 M
► ARMIS: Air Rail rapid Metro Interconnection System	€31.3 M
► ETCS Deployment on the French part of the Antwerp-Basel route	€45.2 M
► Line for Airport And Research Area (LARA)	€63.9 M



OUR PARTNERS

 Community of European Railway and Infrastructure Companies (CER) <small>The Voice of European Railways</small>	 Deutsche Bahn (DB)	 Ferrovie dello Stato Italiane (FS Italiane)	 Lietuvos Geležinkeliai (LTG)	 Magyar Államvasutak (MÁV)	 Austrian Federal Railways
 RENFE	 Schweizerische Bundesbahnen / Chemins de Fer Fédéraux Suisses / Ferrovie Federali Svizzere	 Société Nationale des Chemins de Fer Français	 Bulgarian State Railways	 Eesti Raudtee (EVR)	 Nacionalna Kompania Železopatna Infrastruktura (NRIC)
 České Dráhy (CD)	 Správa železníc (SŽCZ)	 Société Nationale des Chemins de Fer Luxembourgeois (CFL)	 Compania Nationala de Cai Ferate (CFR)	 Societatea Natională de Transport Feroviar de Călători (CFR Calatori)	 Comboios de Portugal (CP)
 Infraestruturas de Portugal	 Danske Statsbaner (DSB)	 Community of European Railway and Infrastructure Companies (CER)	 Györ-Sopron-Ebenfurti Vasút/Raab-Oedenburg-Ebenfurter Eisenbahn	 Hrvatske Željeznicne Infrastructure (HŽ Infrastructure)	 Hrvatske Željeznice Passenger (HŽ Passenger)
 Infrabel	 Latvijas Dzelceļš (LDZ)	 Nederlandse Spoorwegen (NS)	 Organismós Sídiro-drómon Elládos (OSE)	 TRAINOSE	 Polskie Koleje Państwowe (PKP)
 Société nationale des Chemins de fer belges / Nationale Maatschappij der Belgische Spoorwegen	 Slovenske Železnice (SŽ)	 Tågföretagen	 Trafikverket	 JP za zeleznicka infrastruktura Železnici na Republika Severna Makedonija	 Železnici na Republika Severna Makedonija Transport
 Infrastruktura Železnica Srbije (ŽS Infrastructure)	 Srbija Voz (ŽS Passenger)	 Železnice Slovenskej Republiky (ŽSR)	 Železničná Spoločnosť Slovensko Národný Dopravca	 Železničná Spoločnosť Slovensko (ZSSK Cargo)	 Administrador de Infraestructuras Ferroviarias



The in-train exhibition has been made possible by the European Climate, Infrastructure and Environment Executive Agency (CINEA) and Shift2Rail Joint Undertaking (S2R).

Climate, Environment and Infrastructure Executive Agency (CINEA)

CEF Transport project exhibition

The European Climate, Environment and Infrastructure Executive Agency (CINEA) is the successor organisation of the Innovation and Networks Executive Agency (INEA). Officially established on 15 February 2021, it started its activities on 1 April 2021 to implement parts of certain EU programmes. CINEA plays a key role in supporting the EU Green Deal through the efficient and effective implementation of its delegated programmes.

The exhibition showcases a selection of railway infrastructure projects taking place along the route of the Connecting Europe Express and which have been (or still are) financed by the Connecting Europe Facility EU programme.

DEPLOYMENT

Check out the rail infrastructure projects managed by the European Climate, Infrastructure and Environment Executive Agency (CINEA) on our interactive map!

SINES/ELVAS (SPAIN) RAILWAY LINE: ÉVORA-CAIA SECTION AND TECHNICAL STATION AT KM 118 OF THE SOUTH LINE

IMPLEMENTATION OF UIC GAUGE ON THE VALENCIA-TARRAGONA-BARCELONA SECTION OF THE MEDITERRANEAN CORRIDOR

MXP-NLINE

RAIL-TO-AIR - ENHANCING THE RAIL INTERCONNECTION BETWEEN TORINO URBAN NODE, AIRPORT AND RELATED HINTERLAND

BRENNER BASE TUNNEL

UPGRADE OF EXISTING AND CONSTRUCTION OF SECOND TRACK ON THE KRIŽEVCI-KOPRIVNICA-STATE BORDER RAILWAY SECTION

COMPLETION OF THE NEW, ELECTRIFIED, TITHOREA-LIANONKLADI-DOMOKOS HIGH SPEED DOUBLE RAILWAY LINE

MODERNISATION OF THE BUCURESTI NORD-INTERNATIONAL AIRPORT HENRI COANDA BUCURESTI RAILWAY LINE

REHABILITATION OF THE BRASOV-SIGHISOARA RAILWAY SECTION, APATA - CATA SUBSECTION

REHABILITATION OF THE BRASOV-SIMERIA RAILWAY COMPONENT OF THE RHINE-DANUBE CORRIDOR

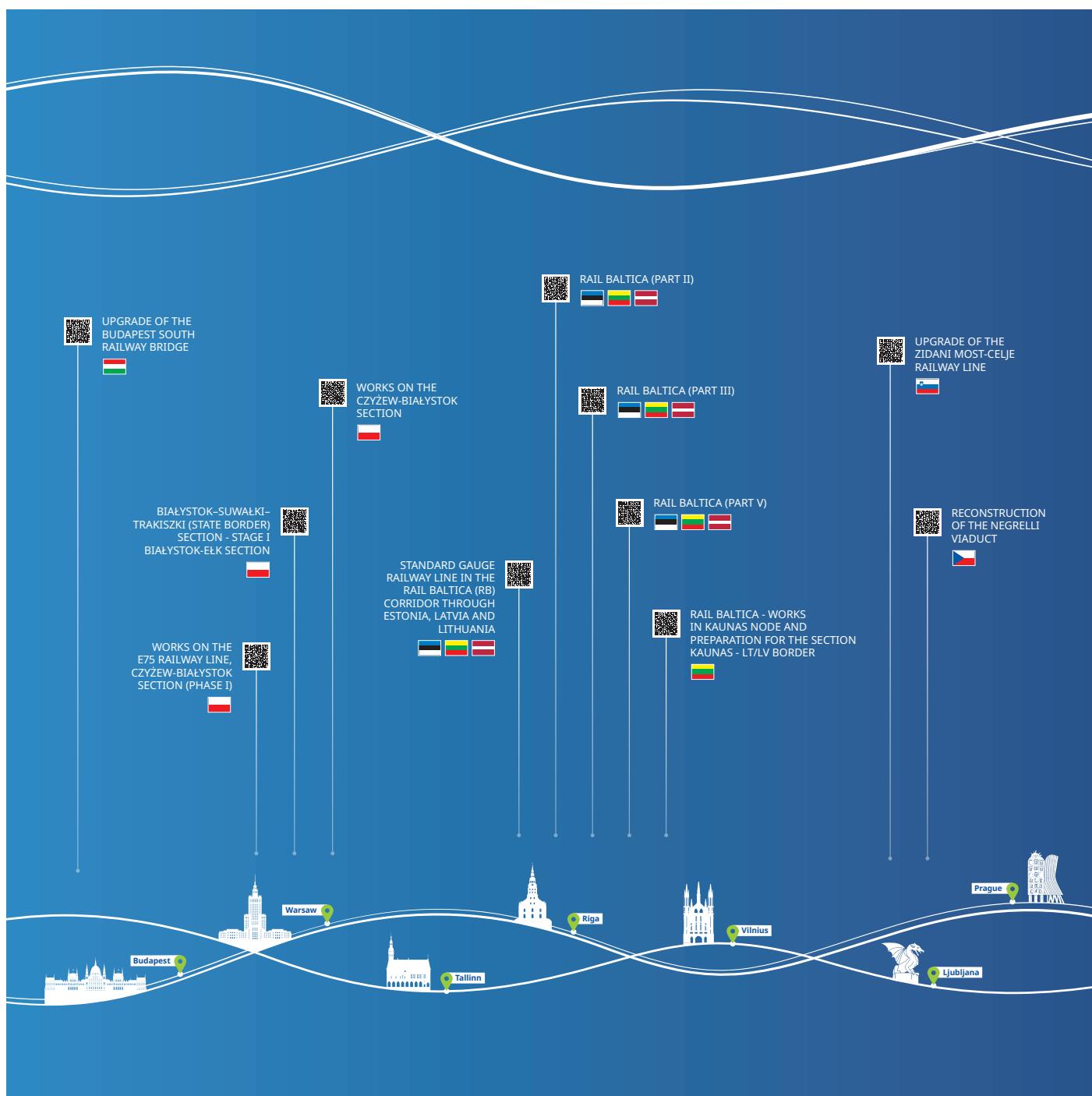
MODERNISATION OF THE SOFIA - ELIN PELIN RAILWAY SECTION

Climate, Environment and Infrastructure Executive Agency (CINEA)

CEF Transport project exhibition

The Connecting Europe Facility (CEF) is a key EU funding instrument to promote growth, jobs and competitiveness through targeted infrastructure investment at European level. CEF Transport aims to support investments in building new transport infrastructure in Europe or rehabilitating and upgrading existing infrastructure.

Inside the exhibition wagon, visitors are able to scan the QR codes of these projects and access additional information on the specific rail projects in which they are interested in. The online info sheets provide a detailed description of each project, including its benefits, as well as financial data on costs and EU support.





EUROPEAN YEAR OF RAIL 2021

KARLSRUHE-BASEL WITH PARTIAL UPGRADE MEASURES ON THE EXISTING LINE



WENDLINGEN-ULM



UPGRADE OF THE NEUSTADT-BOEHL-IGGELHEIM AND LANDSTUHL-KAISERSLAUTERN SECTIONS



STUTTGART-WENDLINGEN LINE, INCLUDING STUTTGART 21



STUTTGART-WENDLINGEN LINE, INCLUDING STUTTGART 21



UPGRADING THE DANISH RAILWAY ACCESS LINE TO THE FEHMARNBELT TUNNEL



GOTHENBURG PORT LINE - REMOVAL OF BOTTLENECK FINALISING UP-GRADE TO DOUBLE TRACK



DEPLOYMENT OF ETCS BSL3 L2 ON 106 AM BREAK MOTOR UNITS - RETROFIT ACTION TO PROMOTE SAFETY AND CROSS BORDER TRANSPORT



BERGARA-SAN SEBASTIAN-BAYONNE: STUDIES AND WORKS



CROSS BORDER SECTION OF THE NEW LYON-TURIN RAIL LINK MONT CENIS BASE TUNNEL (TBM)



THEEMSWE格 RAILWAY SECTION



ELIMINATION OF LYON RAILWAY BOTTLENECK



Shift2Rail Joint Undertaking (S2R)

About Shift2Rail

The Shift2Rail Joint Undertaking (S2R) contributes to smart and sustainable growth by developing cutting-edge innovative solutions to create railway systems of the future for passengers and freight. Funded under the European Union's Horizon 2020 Programme, Shift2Rail addresses the evolving needs of EU citizens, targets life-cycle cost and efficiency of rail systems, and develops the necessary technologies to complete the Single European Railway Area, contributing towards a climate-neutral European society. The S2R R&I Programme focuses on demonstration activities and dissemination of relevant results for market uptake, promoting the competitiveness of the European rail industry while creating a multiplier effect for EU funds.

BRINGING TANGIBLE BENEFITS TO EU ECONOMY

The benefits below are in reference to the period 2015-2030. Source: Impact assessment: Proposal for a Council Regulation establishing the Shift2Rail Joint Undertaking SWD (2013) 535



CREATION OF ADDITIONAL EU GDP UP TO € 49BN



UP TO € 9BN INDIRECT LEVERAGE ON INDUSTRY R&I (BY DEVELOPING H2020-FUNDED INNOVATIONS) (2017-2023)



CREATION OF EXTRA 140 000 JOBS



€ 1BN LIFE-CYCLE COST SAVINGS IN FIRST 10 YEARS, THEN VIA CONTINUED IMPLEMENTATION- € 150 MILLION/YEAR



ADDITIONAL EXPORT WORTH UP TO € 20BN



See Shift2Rail Innovations in Action

Shift2Rail's innovative rail solutions will be featured on-board the Connecting Europe Express. Visitors will have the opportunity to visit the train, physically or online, and see videos of our latest technological demonstrators in action. Learn about Shift2Rail's achievements in bringing the future of rail nearer to you by visiting us!

S2R OBJECTIVES



50% INCREASE RELIABILITY & PUNCTUALITY BY 50%



X2 DOUBLE RAILWAY CAPACITY



HALVE LIFE-CYCLE COSTS OF RAILWAY TRANSPORTS



CONTRIBUTE TO REDUCTION OF NEGATIVE EXTERNALITIES, SUCH AS NOISE, VIBRATIONS, EMISSIONS & OTHER ENVIRONMENTAL IMPACTS



CONTRIBUTE TO THE ACHIEVEMENT OF THE SINGLE EUROPEAN RAILWAY AREA (SERA)



>>> 
#ConnectingEurope
Express

DEPARTURE: LISBON, 2 SEPTEMBER | ARRIVAL: PARIS, 7 OCTOBER

3 TRAINS | 3 PRESIDENCIES | 26 COUNTRIES | 36 DAYS

The Coaches

The Connecting Europe Express running on the standard gauge will have six coaches. One of them, provided by MAV (Hungary), will host a mobile exhibition on the many existing technologies and innovations improving the rail experience, and on how the EU supports infrastructure projects. A conference coach (provided by SNCF, France), two passenger coaches (DB, Germany and SBB, Switzerland), a dining coach (FS, Italy) and a sleeper coach (ÖBB, Austria) will complete the train.

A separate train will run on the Iberian gauge in Portugal and Spain (Renfe, Spain), and a third one on the Baltic gauge in Estonia, Latvia and Lithuania (LTG, Lithuania).

Both the Iberian gauge and Baltic gauge trains will meet with the standard gauge train along the route.



Magyar Államvasutak (MÁV)



Société Nationale des
Chemins de Fer Français



Deutsche Bahn (DB)



Schweizerische
Bundesbahnen / Chemins
de Fer Fédéraux Suisses /
Ferrovie Federali Svizzere

exhibition coach



Ferrovie dello Stato Italiane
(FS Italiane)

conference coach



ÖBB-Holding

passenger coaches

dining coach



RENFE

sleeper coach



Lietuvos Geležinkeliai (LTG)

Iberian train

Baltic train

Contact details:

European Commission – Directorate General for Mobility and Transport
https://ec.europa.eu/transport/home_en



www.connectingeuropeexpress.eu