

SUSTAINABLE TRANSPORT ACROSS EUROPE

Transport amounts for more than 30 percent of greenhouse gas emissions in Europe. Mobility is a key element of the interconnected European Union and its neighbours. Rail is and has been the way to connect Europe sustainably, by night trains and high-speed connections. The sustainable showcase projects have been chosen in order to raise the interest in 'special' new mobility projects.

Night-train providers

(services running minimum five times a week)

- RENFE (ES) —
- GWR (UK) —
- SERCO (UK) —
- TI (IT) —
- ÖBB (AT) —
- GO AHEAD (NO) —
- VY (NO) —
- SJ (SE) —
- CD (CZ) —
- HZ (HR) —
- PKP (PL) —
- MAV (HU) —
- MZT (MK) —
- ATC (RO) —
- CFR (RO) —
- VR (FI) —
- BDŽ (BG) —
- UZ (UA) —
- TCDD (TR) —
- RZD (RU) —

Historical train connections

- Nord Express (1886 – 1939 to Russia, 1946 – 1997 to Scandinavia)
- Side routes Nord Express
- Sud Express (1887 – today, since 1989 only from Henday/Irún)
- Side routes Sud Express
- Orient Express (1889 – 1977, on varying routes)
- Side routes Orient Express

Ferry connections



Sustainable showcase projects



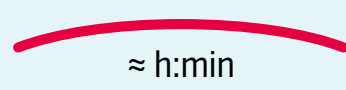
Mobility of the future



Motorail



High-speed train connections



≈ h:min

#EUMobilityAtlas
eu.boell.org/European-Mobility-Atlas

HEINRICH BÖLL STIFTUNG



Nightstar
Proposed sleeper from the UK to continental Europe. Construction of rolling stock (based on the Eurostar) was ongoing until the project was abandoned due to competition from low-cost airlines.

Subsidised e-taxis
Scrappage scheme for taxis up to €20,000 available for eligible drivers switching to a new all-electric vehicle and up to €32,500 for those moving to a wheel chair accessible full electric vehicle.

European Union
With its "Sustainable and Smart Mobility Strategy" the EU aims at putting European transport on track for a sustainable future.

Luxembourg
Free Nationwide Public Transport for everybody

EuroNight (EN) Francisco de Goya
Paris – Madrid until 2013

EN Joan Miró
Paris – Barcelona until 2013

Portugese Bike Valley
European hub for bicycle tech development, located east of Aveira, aiming at becoming the centre of the European bike industry.

EN Salvador Dalí
Milan – Barcelona until 2012

EN Pau Casals
Zurich – Barcelona until 2012

Barceloneta
Introduction of car-free "superblocks".

Albergo Diffuso
Reviving "dying" small, historic villages and town centres off the usual tourist track by being part of a genuine community.

"Ljubljana. For you"
Removing cars from the city centre and consequently improving the living quality.

Sofia
Introduction of a holistic IT-based Park-and-Ride System.

Igoumenitsa
Certified sustainable port, focussing on air quality, alternative fuels and social responsibility.

Rolling Highway
A form of combined transport involving the conveying of road trucks by rail, referred to as Ro-La trains. The concept is a form of piggyback transportation that crosses geographical barriers, in the case shown combined with a RoRo ferry service.

Haparanda Line
Reopening of the railway line between Boden and Haparanda (SE) for passenger trains with a possible extension to Rovaniemi and Oulu (FI), making it the only rail connection between Sweden and Finland.

Aurora Botnia
LNG-Battery Hybrid Ferry

Volvo
All cars produced in 2020 and later will have their top speed restricted to 180km/h

Color Hybrid
Largest plug-in diesel/electric hybrid vessel

E-ferry Ellen
Largest electric ferry

Bremen
Green Charge Project in cooperation with Barcelona and Oslo. Innovative charging project for electric vehicles, incl. prebooking, battery exchange etc.

Solaris
Poland has a strong tradition in bus assembly; the biggest producers of electric buses in Europe with just under 25% market share is now the Bolechowo based company Solaris.

MS Copenhagen
Hybrid Ferry with rotor sail

Helsinki
Comprehensive "Mobility as a Service" – Infrastructure and App, covering public transport, taxis, bike-sharing etc.

Tallinn
Free Public Transport for the citizens

Rail Baltica
Development of a railroad corridor, expected to be completed in the late 2020s between Tallinn (EE) (potentially Helsinki (FI)) and Warsaw via Latvia and Lithuania.

Slovakian Rail
Free rail transport for people under 16 and over 62 years of age, all students (under 26yrs) and pensioners who are residents of EU member states.

Bucharest
50 km of bicycle lanes announced to deal with the Covid-19 induced traffic changes.