

Sustainability is boosting rail transport investment

Countries worldwide are investing and **developing their networks** to meet global sustainability goals and improve efficiency. From transmitting signals, data and energy, **efficient and reliable cable management** is crucial to keeping our railways modernising on a sustainable track.



To connect rapidly expanding cities across the country, the UK has begun building **High Speed 2 (HS2)**, planning over **400 km of tracks**, with an investment of around **GBP 100 bn**.

Rapid urbanisation and technological advances are contributing to the **drive to renew and improve rolling stock** worldwide.

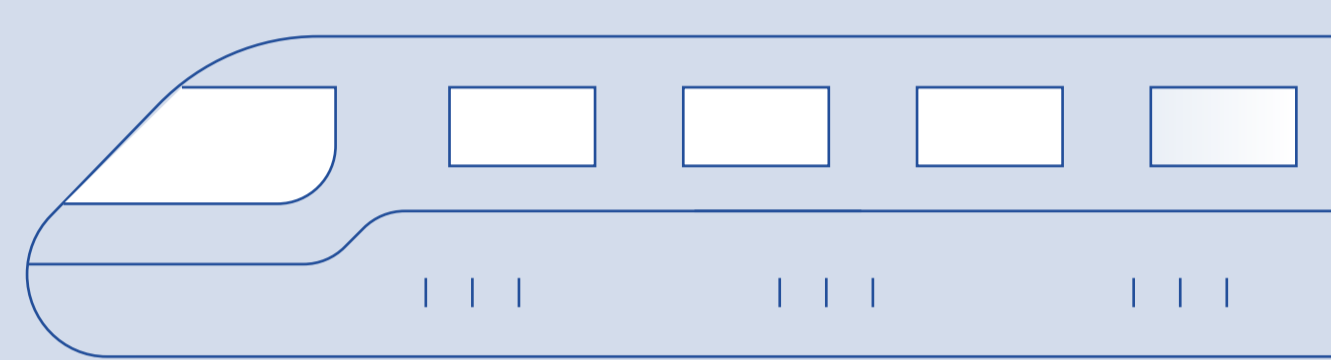
Rolling stock market forecast in EMEA region between 2025-2027 (Eur mn, p.a.)



Where rail investments are headed

EU governments are investing in their rail networks as part of **the European Green Deal**, aiming to achieve **net-zero by 2050**.

EUR 58 bn of the EUR 500 bn EU Recovery and Resilience Facility Fund will be used for **rail-related investments**.

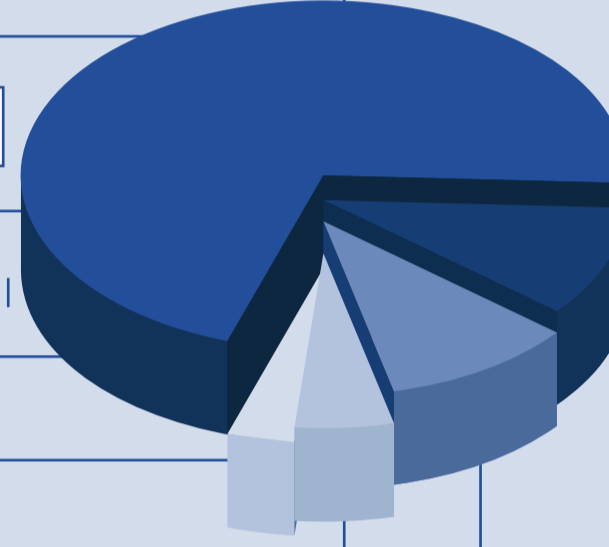


EUR 2 bn

Other

EUR 3 bn

Support information services, online ticketing and other communications technology solutions.



EUR 41 bn

Rail infrastructure including the Trans-European Transport Network (TEN-T).

EUR 6 bn

Urban transport infrastructure including tram and metro infrastructure.

EUR 6 bn

Rolling stock investment projects, new zero emission vehicles, modernising existing vehicles with European Rail Traffic Management System technology.

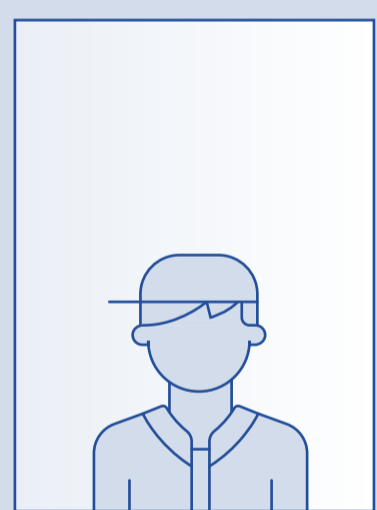
To further increase rail passengers and curb emissions, France has **banned short haul flights** to cities that can be reached in **less than 2.5 hours by train**.

Digital connectivity expectation of passengers is high

A majority of **16-34 year-olds** in Europe are **more likely to choose rail travel** over other modes of transport if they have **access to reliable WiFi on-board**.

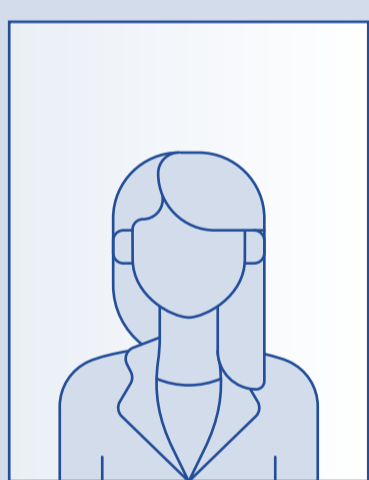
Railway operators across Europe are investing millions in ramping up their onboard WiFi services, not just on trains covering long distances. Adding digital connectivity is now a part of many regional train refurbishment projects.

62%



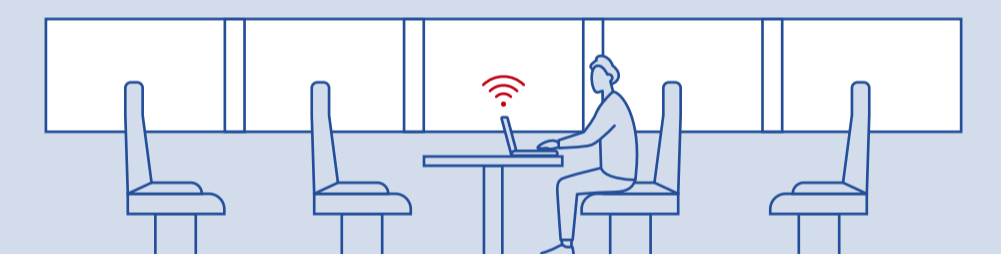
Age 16-24

58%



Age 25-34

will choose the train

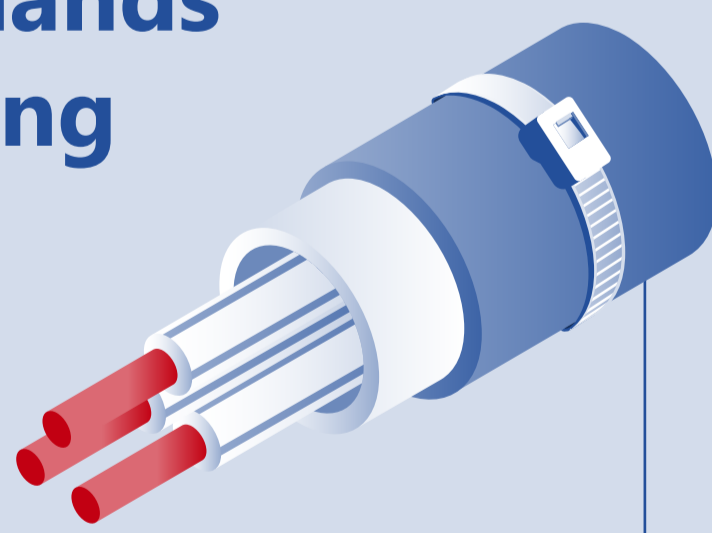


SNCF Ile-de-France is upgrading their fleet with **255 RER New Generation trains**, which in addition to air conditioning, USB charging and WiFi, include easy access, no separation between cars and audible assistance for passengers with special needs.

More rail stock demands more and more wiring

The **cables for power, signals and data** in trains and along the tracks **must withstand vibration and wide temperature ranges** over decades of service.

Specialised fasteners help rail engineers secure and protect cables most effectively for trouble-free operation.



Types and quantity of rolling stock in the EMEA region 2021 and their predicted growth trend.

Rolling stock by type	Installed base 2021	Growth trend
Very high speed vehicles	10,112	↗
High speed vehicles	7,095	↗
Multiple units (000)	101,000	↗
Light rail vehicles (000)	29,000	↗
Metro vehicles (000)	19,000	→
Locomotives (000)	26,000	→

Spain unveiled the **Madrid-Murcia high-speed railway** in 2022, an investment of **EUR 410 million**, including an advanced technology signalling system to significantly reduce the journey time.

One high-speed train alone requires **240 kilometres of wiring**.

TEAM ON TRACK

Rail projects are your world? Optimal cable management is our passion! HellermannTyton's experts are ready to help you achieve greater efficiency and reliability with the right parts and know-how.

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