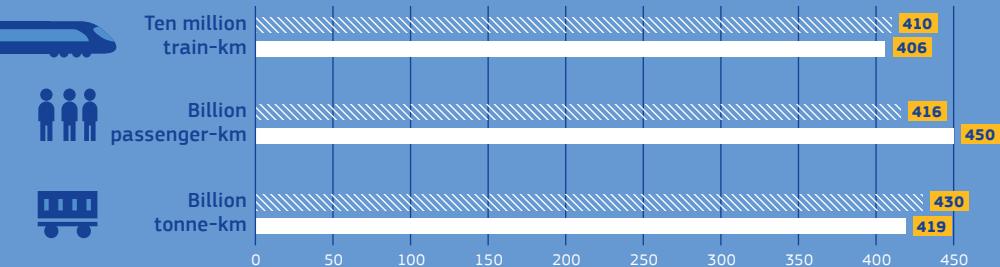


Passenger traffic increased

Traffic development  2011  2016



Freight is by nature more international than passenger traffic

Proportion of international traffic 2016

 **6%**
Passenger traffic

 **50%**
Freight traffic

Rail gained modal share in passenger transport

Passenger modal share 2011 - 2016

Bus & coach
9.3% ↑ 0.5%

Railways
7.6% ↑ 0.6%



Tram & metro
1.8% ↑ 0.2%

Passenger cars
81.3% ↓ 1.3%

Freight modal share 2011 - 2016

Inland waterways
6.2% ↓ 0.1%

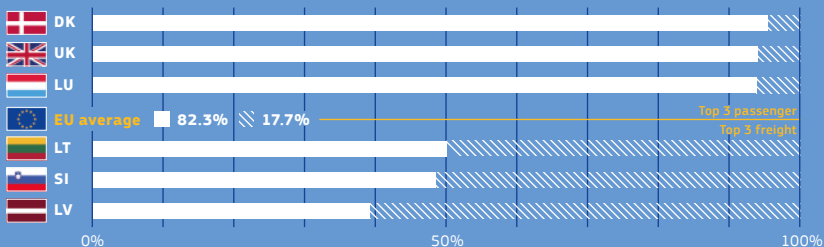
Road
76.4% ↑ 1.3%



Rail
17.4% ↓ 1.3%

Share of total train-km 2016

■ Passenger ▨ Freight



Rail transport focus varies among countries

The length of EU network remained stable





54% of the EU network
is electrified

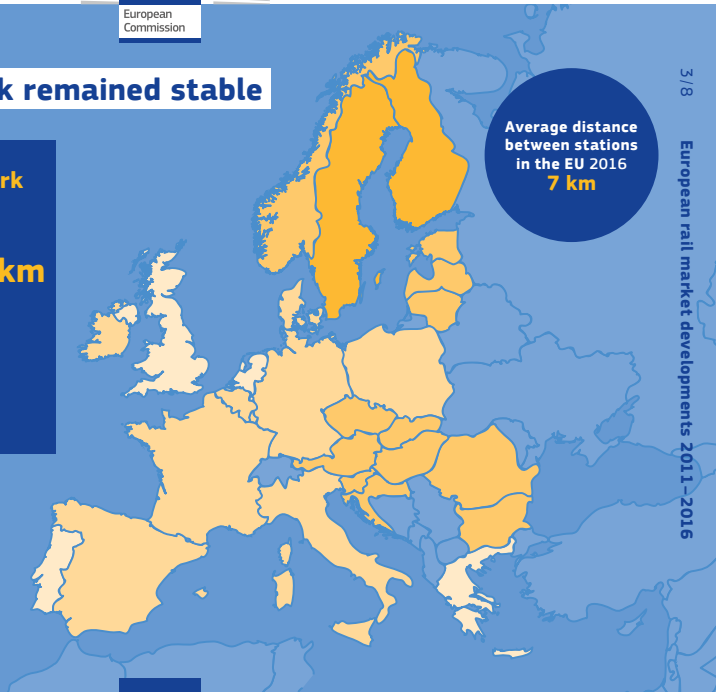
High-speed network **8,434 km**

Countries with a high-speed network:



Length of network
per million people ²⁰¹⁶

-  Over 1,000 line-km
-  500 – 1,000 line-km
-  250 – 500 line-km
-  Under 250 line-km

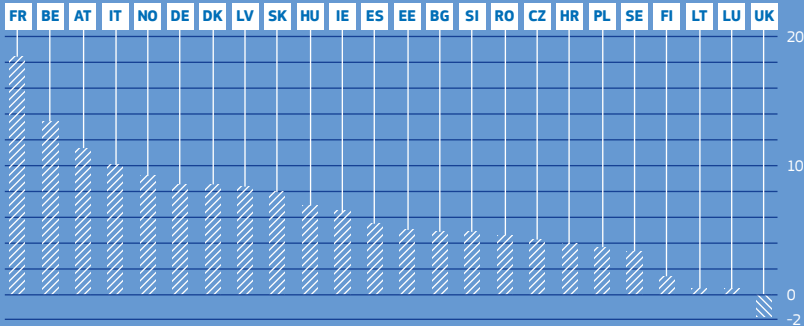


Average distance
between stations
in the EU 2016
7 km



More than half passenger services are under PSO

Compensation for Public Service Obligation (PSO) 2016 // EUR per train-km



PSO & commercial share of passenger-km 2016



PSOs awarded by competitive tender in the EU 2016



All services under directly awarded PSO 2016

- AT
- BE
- EE
- EL
- ES
- FI
- FR
- HR
- HU
- IE
- LT
- LU
- LV
- RO
- SI
- SK

Note: No data for NL

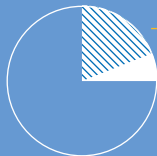
Both passenger and freight markets are increasingly competitive



Passenger market opening

Market shares of competitors in national markets

▨ 2011 ■ 2016



 **EU average**
25% ↑ 6%

3 countries with highest competitors market share



Countries reporting 0% competitors market share



Freight market opening

Market shares of competitors in national markets

▨ 2011 ■ 2016



 **EU average**
39% ↑ 13%

3 countries with highest competitors market share



Countries reporting 0% competitors market share



Demand for new talents in rail

Staff employed  2011  2016



Staff employed by
railway undertakings

600,000 (2011)
600,000 (2016)

Staff employed by
infrastructure managers

360,000 (2011)
440,000 (2016)

Proportion of staff
more than 50 years old

 EU average 2016



37%

Proportion of female staff

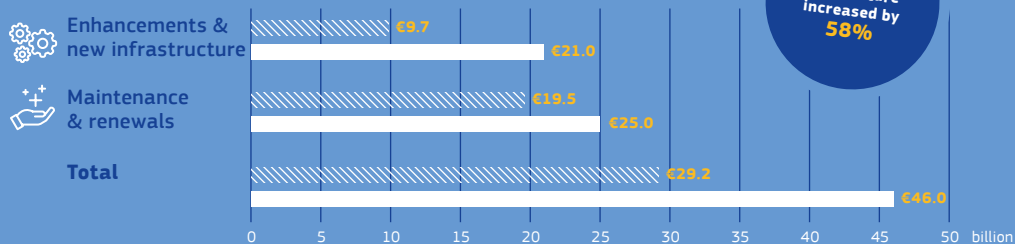
 EU average 2016



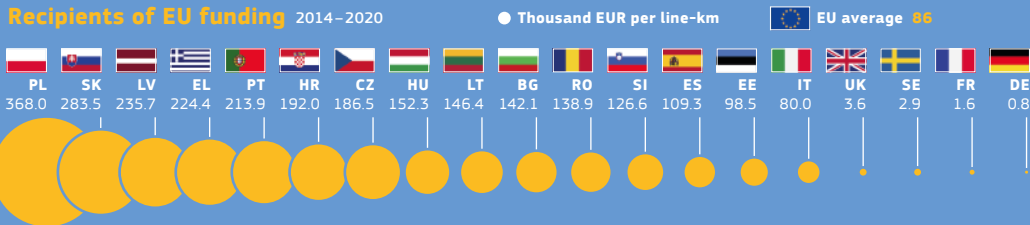
21%

Infrastructure spending increased

Total EU infrastructure expenditure

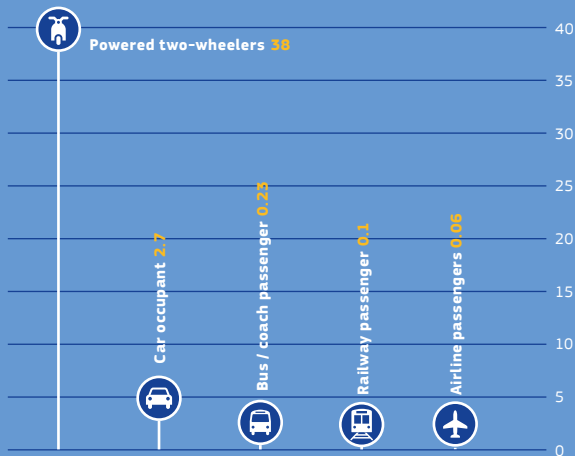


Recipients of EU funding 2014–2020

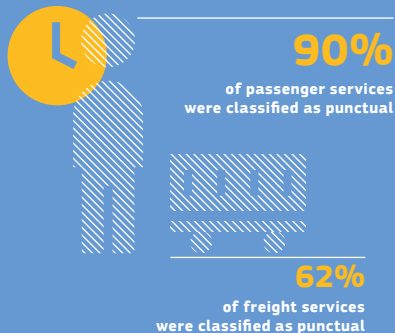


Rail is the safest mode of land transport

Fatalities per billion passenger-km 2011–2015



Punctuality 2016



Note: data on freight
are incomplete