

High rail scenario to guarantee zero emission mobility by 2050

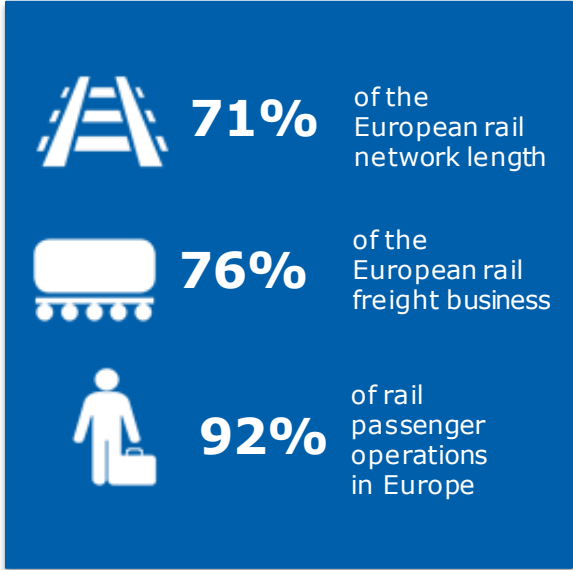
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Sustainable mobility: Powering climate action

14 January 2021



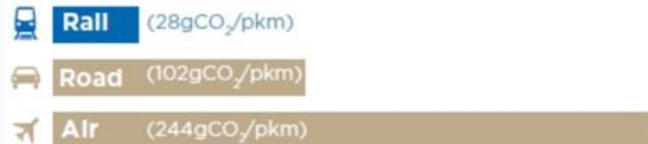
CER Membership



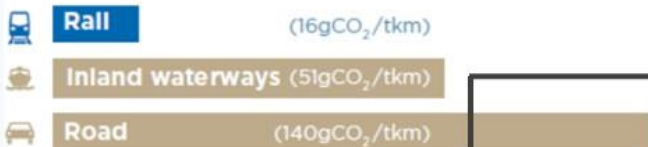
Rail: ready-made solution for decarbonisation

Rail is **9x less CO₂** intensive than road for freight and air travel for passengers.

Passenger



Freight



Rail is **7x more energy-efficient** than road due to physical advantages such as lower rolling and air resistance.



Distance per energy unit consumed

Rail accounts for **just 2% of total EU energy consumption in transport**, while it carried 18% of freight and 8% of passengers of all transport modes in 2018

Rail emits **9x less CO₂**



Rail pollutes **8x less**

Rail is **7x more energy efficient**



EU Mobility Strategy targets for railway

- Doubling high-speed rail traffic by 2030; tripling by 2050
- 50% increase rail freight traffic by 2030; doubling by 2050
- Multimodal & smart core network by 2030; comprehensive TEN-T by 2050



Delivering the Mobility Strategy

- Investments: allocate necessary funding for the rail infrastructure, incl. ERTMS & intermodal links
Rail projects shall be prioritised according to new sustainable finance rules for EU
- Level playing field: rail shall compete on equal footing with road and aviation to make best of investments
Policy coherence needed on files (Eurovignette, Combined Transport, Energy Taxation and ETS)
- EU rail reforms: Time to implement the 4th Railway Package

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