

unity, solidarity, universality

Rail climate change mitigation

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Rail to mitigate climate change

- Rail is the transport mode with lowest external costs (annex 2)
- Rail emissions are low, railways are working to reduce them with electrified rail, particularly when powered by renewables or nuclear power.
- Replace diesel trains: Hydrogen /battery electric trains / track electrification /charging points
- Rail reduces its emissions: Railway Climate Responsibility pledge signed – action and commitment
- Rsi Rail Sustainability Index: SDGs applied to the rail sector











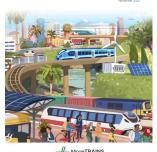




Let's think how to optimize transport demand

explain external costs









Annex 1: To go further

> <u>UIC external costs web page :</u>

https://uic.org/support-activities/economics/article/external-costs#UIC-studies

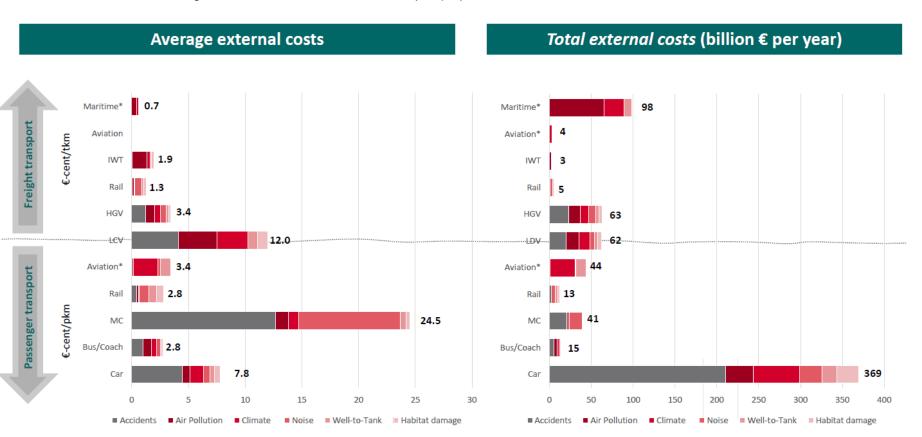
- https://www.iea.org/energy-system/transport/rail#tracking for best practices and country projects
- https://uic.org/sustainability/energy-efficiency-and-co2-emissions/railway-climateresponsibility-pledge for all railways that have signed the pledge and taking action and commitment to reduce emissions – information here Railway Climate Responsibility Pledge | UIC - International union of railways
- Concrete examples of action Paper | Next stop 2030: the Sustainable Mobility that We Want on More Trains campaign | Trello



Annex 2

EU28 Figures from the Handbook

*Data for aviation and maritime: rough estimations for EU 28 based on selected ports/airports

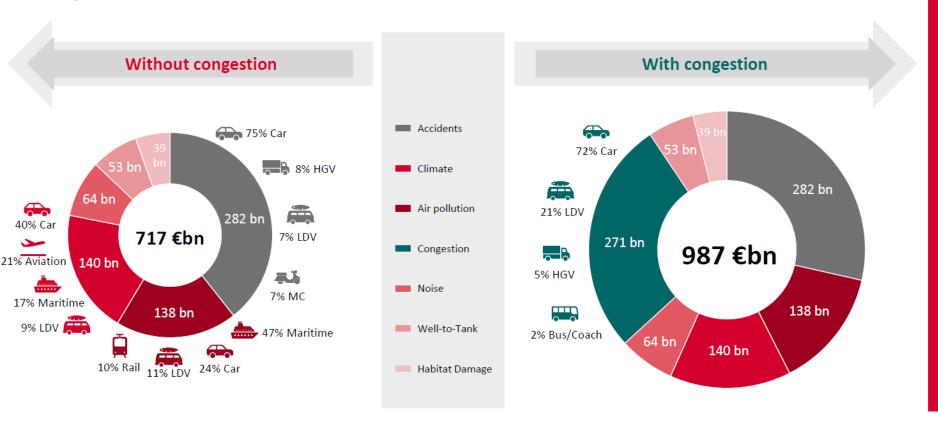




Annex 2 bis

The effect of congestion: total external cost share

EU28 Figures from the Handbook





More information:

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