



FCH JU 10th anniversary

Transport Strategies for Low-Emission Mobility

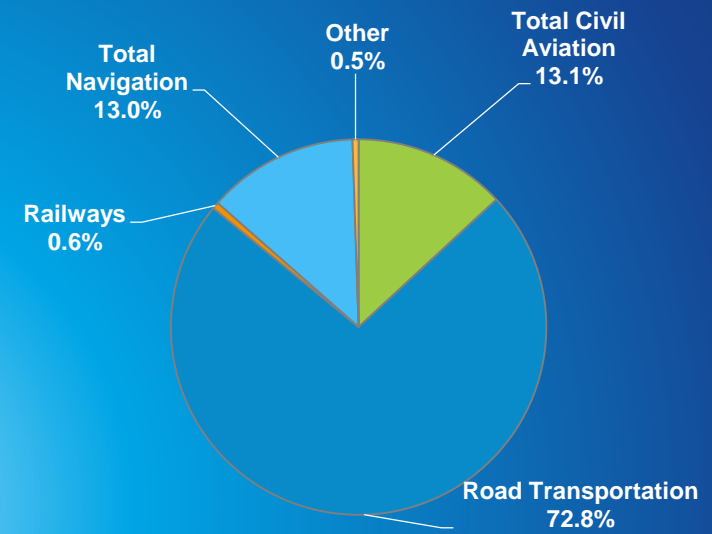
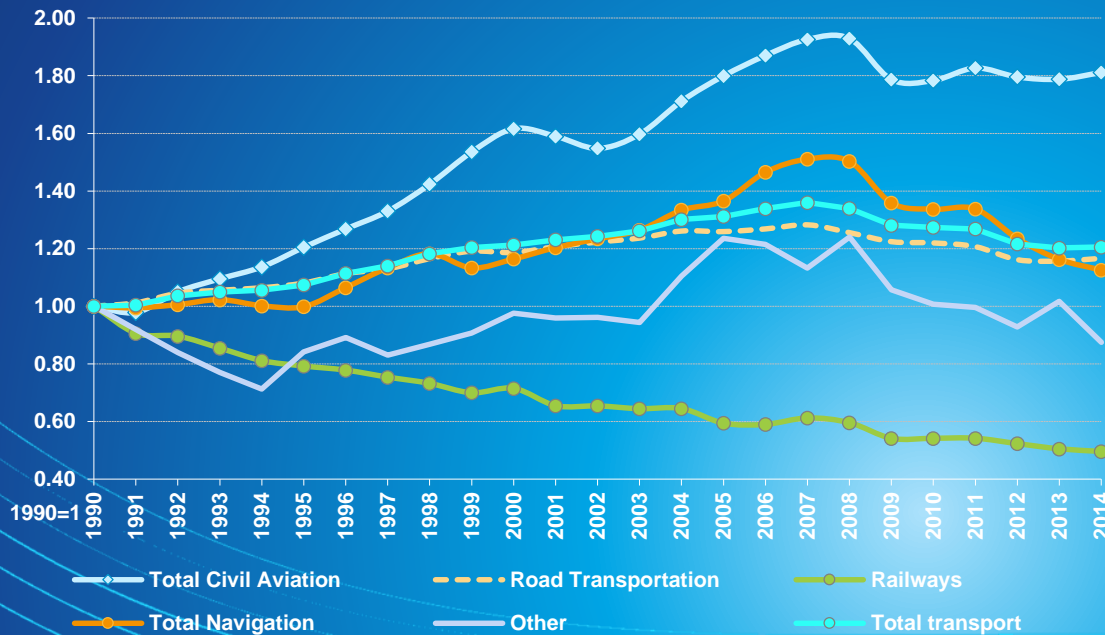
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Challenges

- Transport and connectivity are **essential for the EU economy**.
- Transport is **responsible for almost a quarter of EU GHG emissions** and the main cause of **reduced air quality** in cities.
- By 2030 transport could be the **largest emitter of CO2**.
- Action is needed to meet our commitment under the **Paris Agreement** and **the 2030 goals**. Transport emissions in 2050 should be at least **60% lower than in 1990**.

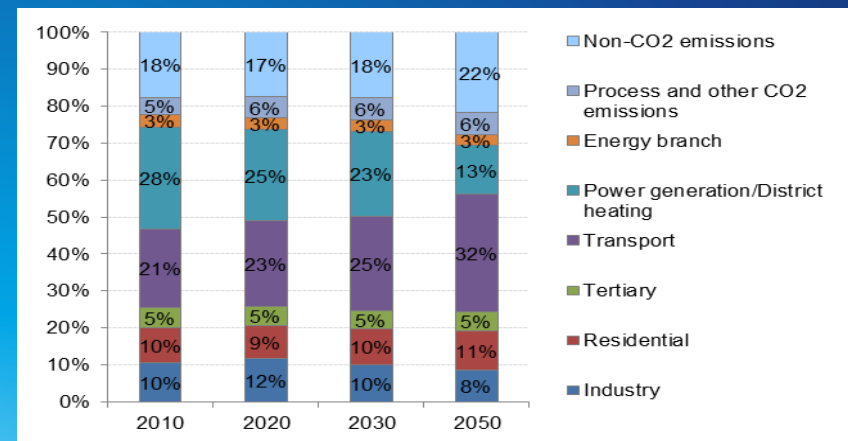
Greenhouse Gas Emissions from Transport



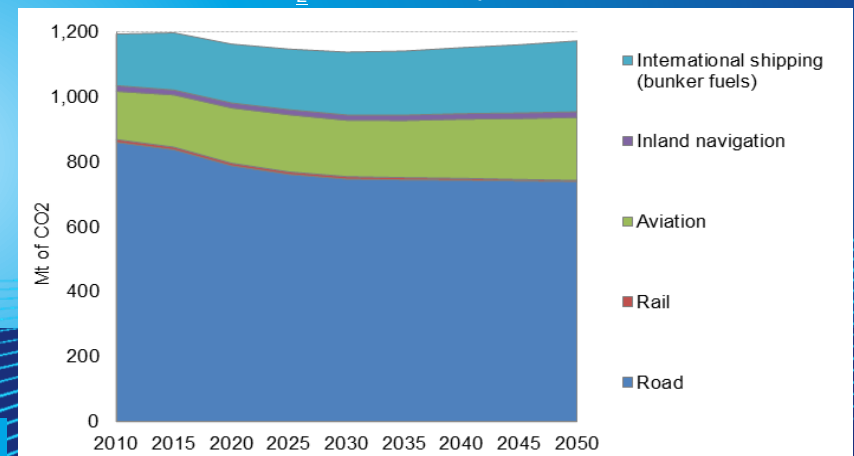
Developments of Emissions from Transport under current trends and policies

- Transport projected to become the largest emitter of CO₂ after 2030 in case of non-action.
- Average passenger car emissions decrease in the medium term, driven by CO₂ policies.
- Aviation and maritime (bunker fuel) emissions projected to grow significantly over time.

Share of transport in total GHG emissions



CO₂ emissions by mode





Actions at the EU level

- **Low Emission Mobility Strategy**
- **Clean vehicles Directive**
- **Alternative Fuels Infrastructure Directive**
- **Research funding – Horizon 2020 (including FCH JU)**
- **Other funding mechanisms – Connecting Europe Facility**



**Thank you
for your attention!**



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