



INTERNATIONAL UNION
OF RAILWAYS

MARKET PLACE SEMINAR 2021

14.10.21

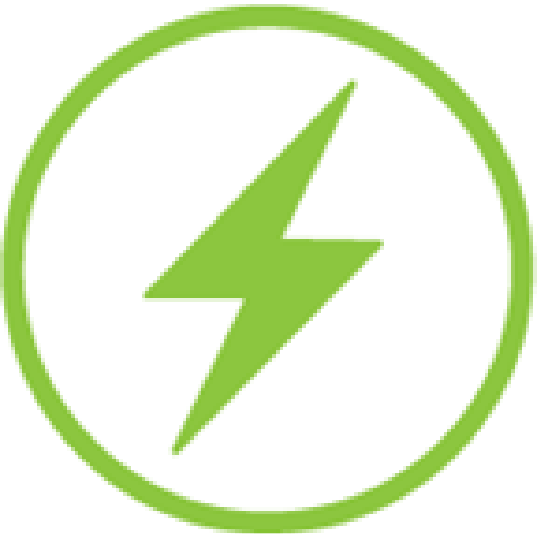
Eric LAMBERT, chair Combined Transport Group /UIC

Rail at the heart of sustainable supply chains

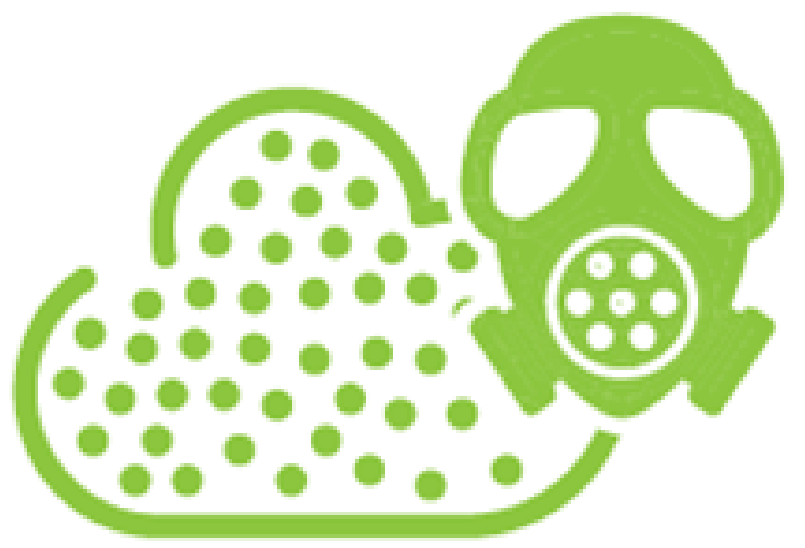


**RAILFREIGHT
FORWARD**
EUROPEAN RAIL FREIGHT VISION 2030

Rail has 12 x less external costs to society than road

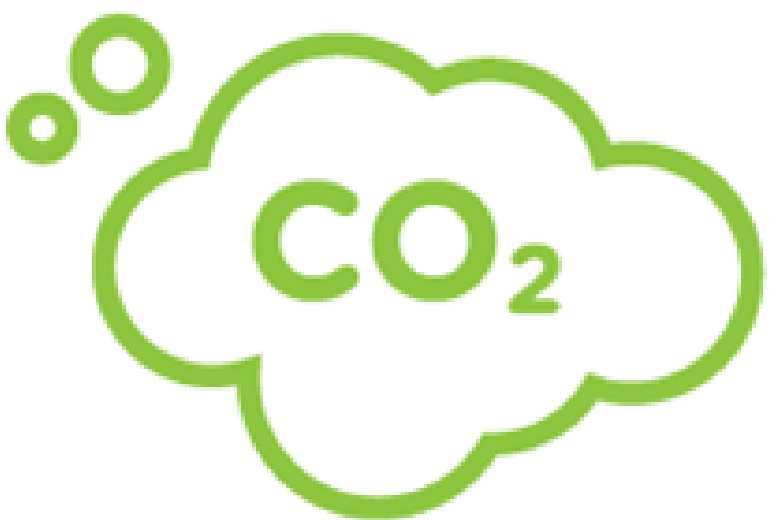


Rail is 9 times better in terms of CO₂ emissions



Rail causes 85 times fewer casualties

Rail has 6 times lower specific energy consumption



Rail is 8 times better in terms of air pollution



Sustainability of Combined Transport

What makes the difference to road transport?



ECONOMIC

- Cost advantage through mass
- Low risk of damages for the goods
- High goods security
- Best usage of transport modes
- Better plannability due to fixed journeys



ENVIRONMENTAL

- 6x less energy consumption (energy efficiency)
- 9x less greenhouse gas emissions
- 12x Less external costs
- Less land usage



SOCIAL

- Less road congestions
- Fewer casualties
- Less dependency on energy reserves
- Less noise
- Focus on first/last mile instead of long haul



Example of a vertical transshipment operation at Bettembourg terminal



Example of a horizontal transshipment operation at Bettembourg terminal

Source: UIRR



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Thank you for your kind attention.