Alternative Fuels Opportunities & Challenges

ECTA Workshop, Brussels 9 th of October 2025





-30%*

-70%*

2045

Net

Zero

< 2024

2030

2040

Growth in Combined Transport-Initiative for Emission Reduction in Short Sea

Reduction Empty Mileage

Reduction Fuel Consumption

Increased use of HVO100

Increased use of BEV

GREEN CORRIDORS.

H₂ (Hydrogen-Trucks)

New Technologies



^{*} Base year for calculation is 2023







Alternative fuels are an important factor in achieving the climate targets!

- High CO₂-reduction potential
- Low entrance barrier
 – every Dieselvehicle
 can fuel HVO100
- Solution for existing fleetswhich will remain on the market for decades
- High efficiency, ogistics processes are not disrupted
- Enablerfor the market launch of new technologies









HVO100 1,8 Mio. to CO₂

Combined Transport 0,6 Mio. to CO₂

of emission target 2030 2,4 Mio. to CO₂



Our total emission 2023 (base year): 1,9 Mio. to CO 2

20%

*Number relates to simulated emission 2030 (3,6 mio. t. CO₂) based on the assumption of 100% growth (doubling Road and Combined Transport)
**SOURCE: https://www.umweltbundesamt.de/daten/klima/treibhausgasemissionen-in-der-europaeischen-union



For us it is also about the economic effect!

Market pressure for green solutions is increasing.
 However, willingness to pay additional costs is low.

Market availabilityincreasing – cost volatilityhigh

 Compliance &transparencymust be ensured missingrules



Book & Claim System.

Securing Compliance, Transparency & Traceability



Book Green Transport & Claim CO₂ Emissions

Smart Freight Centre

for Logistics Emissions Accounting and Reporting



Total quantity required alternative fuels for customers

Balance (required vs.fueled) Calculation of CO₂ Emission & Reduction

Total quantity alternative fuels supplied

Fuel **Providers**

Supply alternative fuels and emission data

> verifiedby LRQ/ 09.2024



Politics must create a framework that favours Alternative Fuels over B7 -Diesel.

- Amendment to EUlegislation on "CO₂-Standards"
- Amendment to EU-legislation on "transport costs" directive"
- **Tax incentives** for Alternative Fuels
- Inclusion of road transport into ETS trading
- Compliance guidelines that apply universally
- Without political intervention, there is arisk of a cost trap if the market can't absorb the additional costs & **GREEN WASHING**





A&P

