

Climate Regulations in Transport

New EU rules, national requirements, and CO₂ taxes are reshaping heavy transport.

Here's how to stay compliant and competitive.



Why Regulations Are Tightening Now

Transport accounts for around 25% of the EU's total CO₂ emissions

To meet the Fit for 55 climate goals, emissions must be reduced by at least 55% by 2030

Legislation is being tightened to ensure action in the most carbonintensive sectors – including road transport, shipping, and industry

What this means for you:

- Stricter requirements for fuel choice
- New taxes on fossil fuels
- Mandatory CO₂ reduction reporting

Legislative Package 1:

EU ETS(Emissions Trading System)

Expands in 2027 to cover road transport

CO₂ emissions from fuel consumption must be "paid for" via allowances

CO₂ price expected to range between €95–135 per tonne

Direct cost: approx. €0.25–0.35 per litre of fossil diesel

The HVO100 Advantage

- Reduces CO₂ by up to 90% -> significantly lower allowance costs
- Full documentation for authorities via Biofuel Express Insight

Legislative Package 2:

RED III (Renewable Energy Directive)

Entered into force in 2023 – being implemented gradually across member states

Sets binding targets for the share of renewable energy in transport Expected target: minimum 29% renewable energy in transport by 2030

The HVO100 Advantage

- 100% renewable fuel helping you exceed compliance thresholds
- Supports your company's own climate targets and SBTi commitments

Legislative Package 3:

Fit for 55

EU's overarching climate framework to achieve a 55% reduction by 2030

Includes:

Stricter emissions standards

Higher requirements for CO₂ reductions in transport

Eventual bans on sales of certain fossil-fuelled vehicles

The HVO100 Advantage

- Drop-in solution for existing fleets -> no need for new equipment
- Fast track to meeting interim compliance requirements

National Measures





Stricter reduction obligation targets towards 2030

Political focus on ensuring fossil-free public procurement



CO₂ tax on fossil fuels from 2025





National quotas via Bundes-Immissionsschutzgesetz (BImSchG)

Increased enforcement of suppliers' CO₂ reporting

Compliance Checklist



Map your current transport CO₂ footprint



Identify which vehicles/operations can transition first



Stay up to date on EU ETS and national regulations



Secure supplier agreements that guarantee both pricing and documentation



Integrate ESG reporting into your management reporting









HVO100 as a Compliance Solution

With HVO100 from Biofuel Express you get:







Fully documented climate impact via Biofuel Express Insight

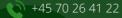


Do you want to stay ahead of regulation?

We offer:

Analysis of CO₂ reductions and allowance costs

Transition plan for gradual implementation without downtime





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