HOW EU POLICIES CAN DRIVE ERS SYSTEMS IN EUROPE

STEF CORNELIS
MANAGER, CLEAN TRUCKS
THE CHALLENGE - 2030 TARGETS

Tailpipe Emissions (Mt CO2 eq.) from HDVs in the EU
WHY WE NEED EU SOLUTION

Split of road freight transport by country of registration of trucks

Source: EU transport in figures, 2018, tables 2.2.4a and 2.2.4d
THE RIGHT TIMING - EUROPEAN COMMISSION 2050 LONG-TERM STRATEGY

#EU2050
BUT ...
WINDOWS OF OPPORTUNITY
1. INFRASTRUCTURE - ALTERNATIVE FUELS INFRASTRUCTURE DIRECTIVE

- Sets non-binding Member State targets (2014)
- For trucks only focus on LNG (2025)
- Will be revised in 2020. Market has changed a lot now!
REVISED OPPORTUNITY FOR ZERO EMISSION TRUCKING

• LNG should be replaced by zero emission
• European Commission: Investigate where zero emission infrastructure (e.g. fast-charging, ERS, H2) makes most sense
• Set binding Member State specific infrastructure targets for zero emission trucking
2. INCENTIVES FOR USER - THE EUROVIGNETTE DIRECTIVE

- Currently revised
- Zero emission trucks shall get 75% toll discount compared to Euro I
- CO2 differentiation: the lower your CO2, the more rebate you become
- Big impact on total cost of ownership ERS trucks
3. VEHICLES - 2022 REVIEW OF TRUCK CO2 STANDARDS

- Sales target for truckmakers
- Not meeting the target means fines
- 2030 target will be reviewed (2022). Big opportunity!
- More stringent CO2 and ZLEV targets will push truckmakers to sell more ZE trucks
Lessons from rail: The rail freight corridors

- EU Regulation *European rail network for competitive freight (2010)* requires Member States to establish RFC to ensure compatible systems

AFI Directive (2014)

- Recharging points for electric cars shall be equipped with CCS connector

=> AFID review the opportunity to discuss zero emission infrastructure requirements and compatibility to facilitate cross-border traffic.
CONCLUSIONS

• Some work to be done to convince EU policymakers
• New European Commission and upcoming proposals offer big opportunity
• Need for more campaigning in Brussels. Communicate benefits and potential
• EU working group and legislations to discuss standardisation, cross-border infrastructure etc.