



Ministry of Infrastructure
and Water Management



Dutch approach to Zero Emission Zones for Freight

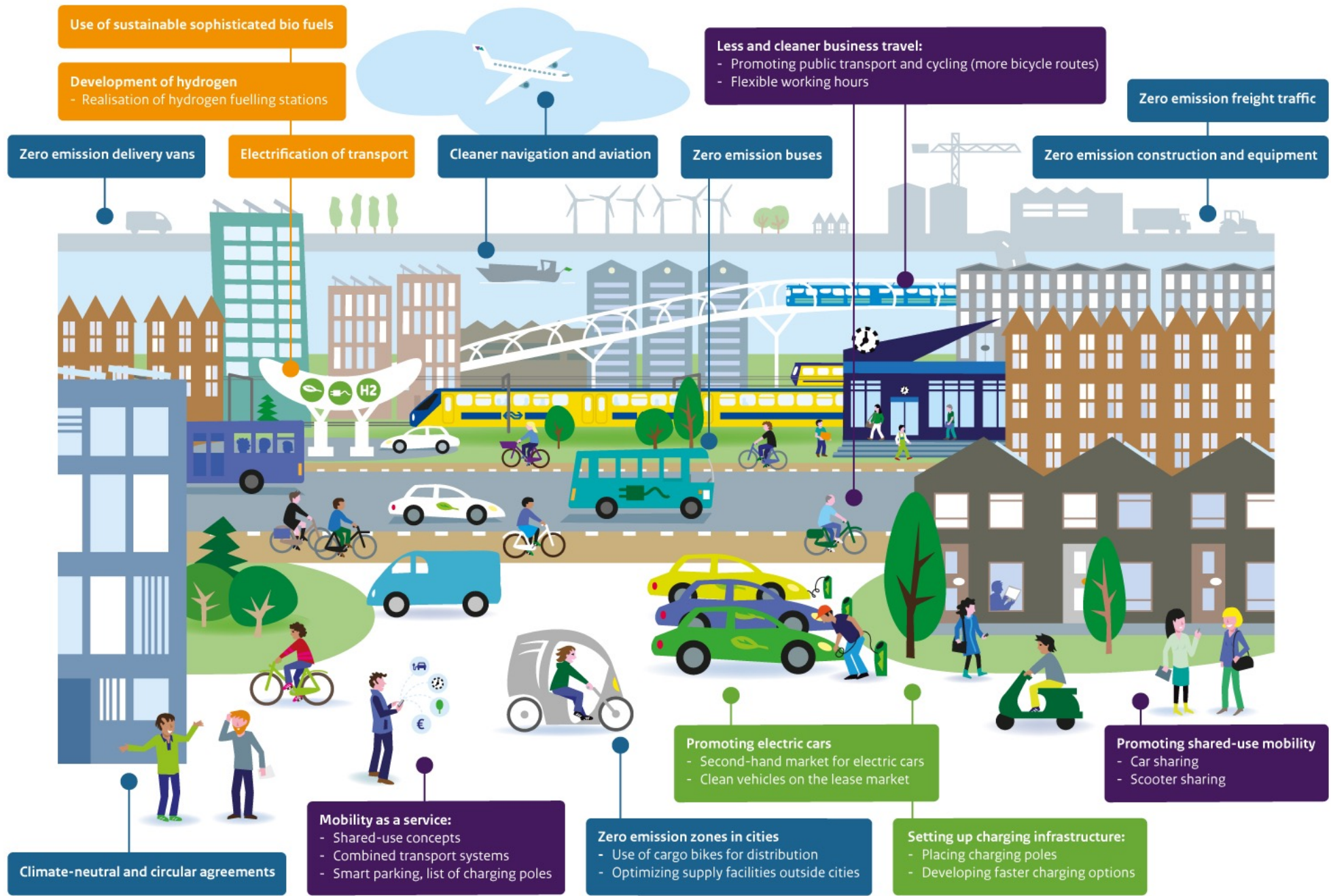
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ICCT Webinar China

National Climate Agreement





30 to 40 cities will
implement a Zero
Emission Zone for freight





Approach

Logistics sector, national and local governments focus together on:

- a. **avoid** (more efficient urban freight logistics)
- b. **shift** (different logistics concepts)
- c. **improve** (zero emission vehicles)





Advantages of Zero Emission Zones



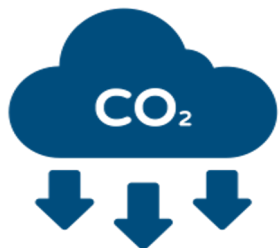
Improving air quality
& health



Improving
accessibility &
economic vitality



Improving liveability
& safety



Yearly reduction of
1.0 megaton CO₂
emissions in 2030



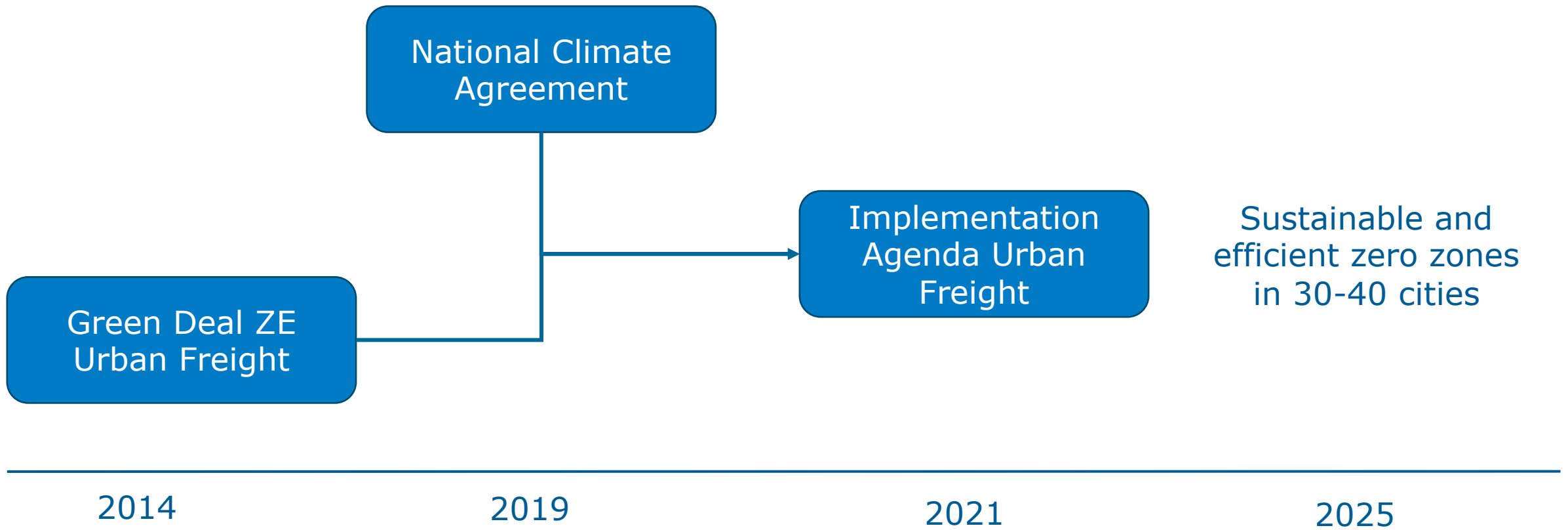
Instrument to promote
demand for ZE Freight
Vehicles



Contribution to long-
term goal of 100% ZE
transport in 2050



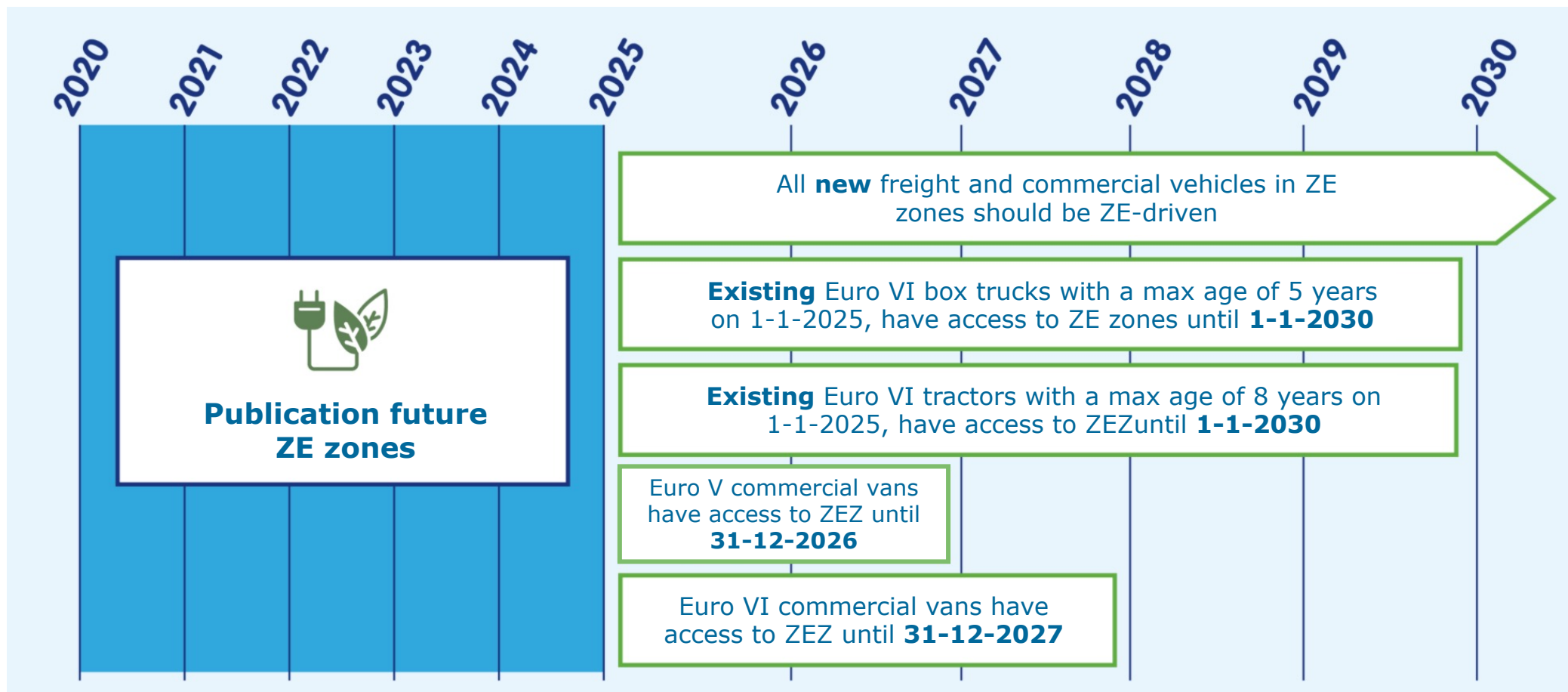
Process to zero emission zones





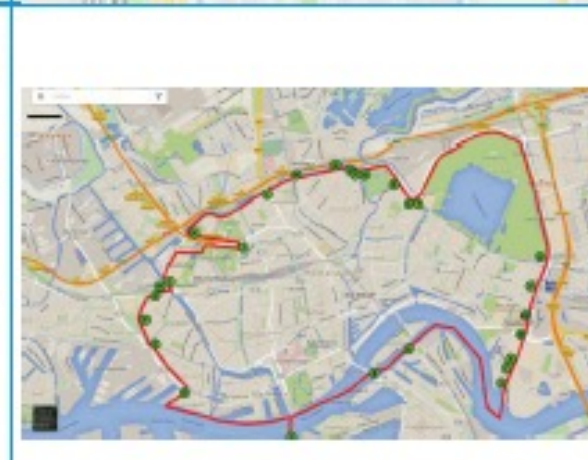
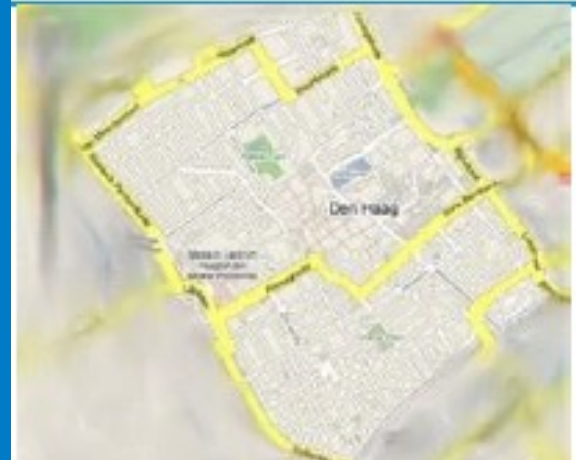
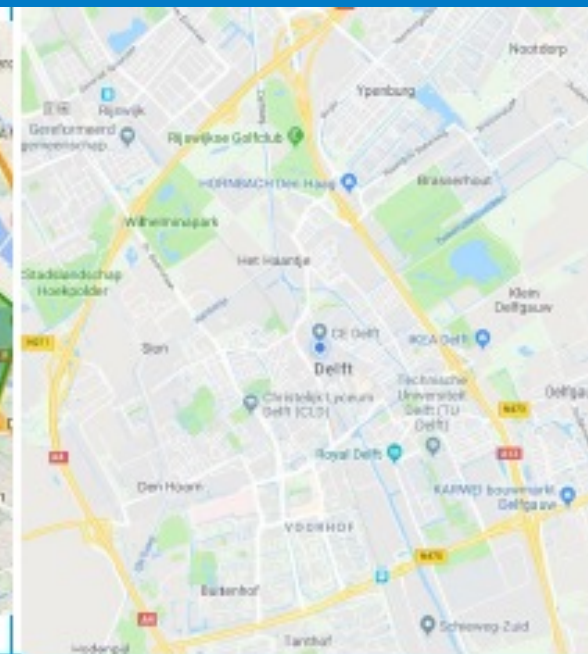


Transition period freight vehicles





Zone boundary setting





Stepwise zoning in Amsterdam

Emission-free centre in 2022

For buses and coaches



Emission-free zone within the A10 ring road in 2025

For buses, coaches, passenger ships, taxis, vans and heavy goods vehicles, pleasure craft, public ferries (mopeds and scooters in the entire built-up area)



Emission-free Amsterdam in 2030

For buses, coaches, passenger ships, taxis, vans and heavy goods vehicles, pleasure craft, public ferries, mopeds and scooters, passenger cars and motorbikes.





Current challenges (1)

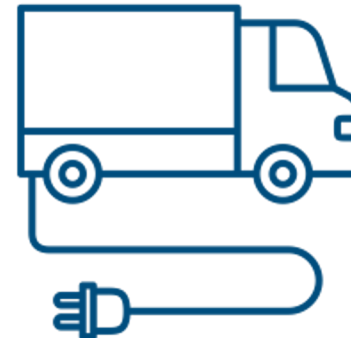
INTERNATIONAL ALIGNMENT

- > Data sharing
- > Standardization



CHARGING AND TANKING INFRASTRUCTURE

- > National Agenda Charging Infrastructure
- > Action Program Hydrogen





Current challenges (2)

VEHICLE AVAILABILITY

- > Increase global ambitions for zero emission medium and heavy duty vehicles



HYBRID VEHICLES

- > Geofencing





Global Memorandum of Understanding on Zero Emission Medium and Heavy Duty Vehicles

16 countries have aligned ambitions for clean trucks and buses

2030: 30% zero emission sales
2040: 100% zero emission sales



Incentives



Financial

- > Subsidies
- > Tax advantages
- > Road toll reductions



Priorities for
ZEV users



Expert's advice



HOW-TO GUIDE

How-to Guide

Zero-Emission Zones

Don't Wait to Start with Freight!

December 2020





Thank you

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