Road Transport

Legislative context – road transport

TRANSITION TO ZERO EMISSION VEHICLES

- **Regulation (EU) 2023/851 on** CO2 emissions standards for **cars and vans** –

Strengthened CO2 emission targets applying from 2030 and set a 100% emission reduction target for both cars and vans from 2035 onwards

- February 2024 - the Council and EP political agreement on the revision of the Regulation on CO2 emission standards for **heavy-duty vehicles**

Strengthened emission reduction targets for 2030, 2035 and 2040

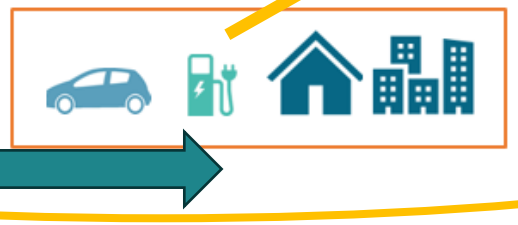
Alternative Fuels Infrastructure Regulation

- fleet, distance and location-based targets for recharging infrastructure
- distance and location-based targets for hydrogen refuelling infrastructure

Recharging infra

Energy Performance of Buildings Directive

1. Recharging at private premises (home, office)



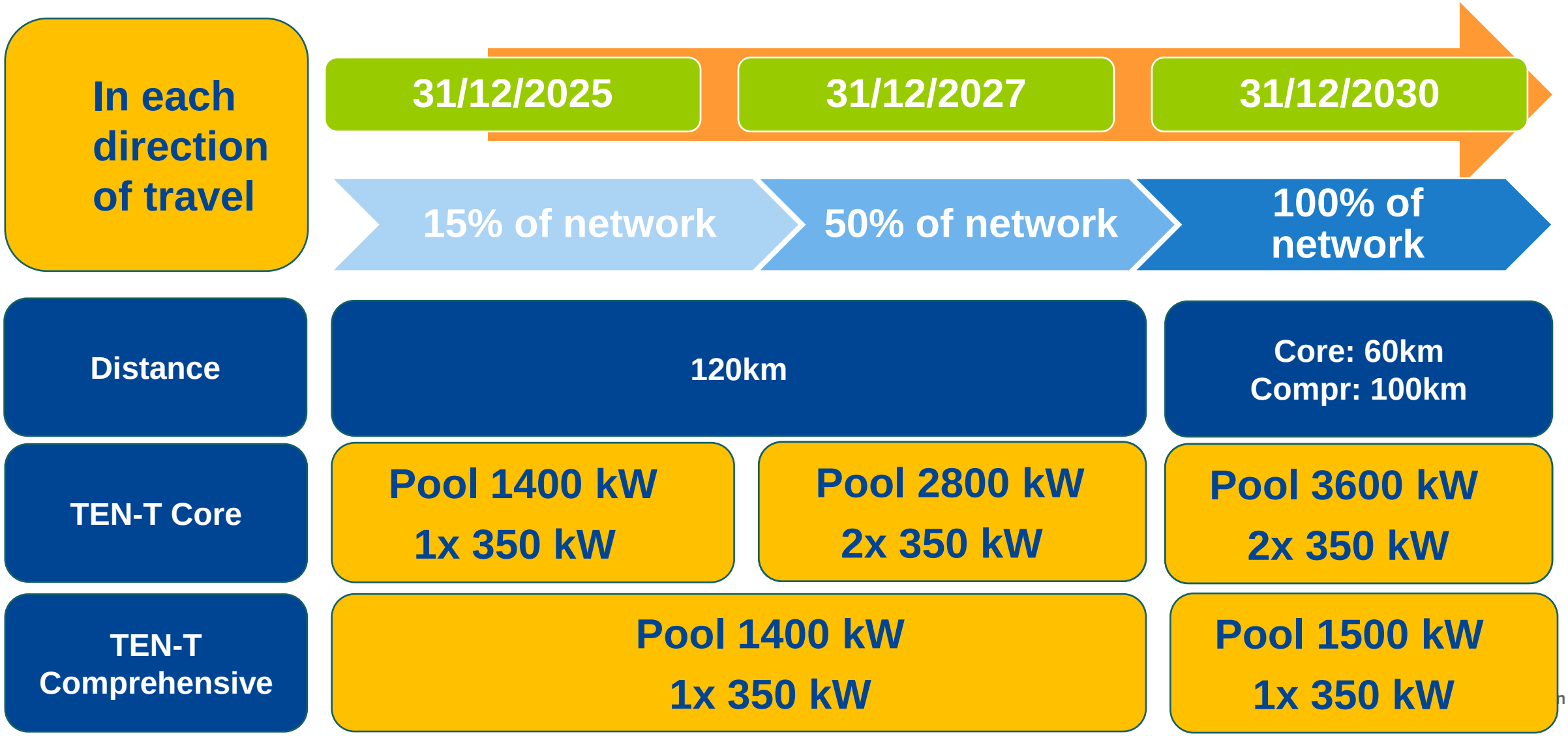
2. Recharging at publicly accessible recharging points at private premises (semi-public)

3. Public recharging (public domain)

Alternative Fuels Infrastructure Regulation

European Commission

Example of targets - TEN-T distance-based targets for HDV CPs



Unit Contribution
Publicly accessible recharging points

LDV => 150 kW

HDV => 350 kW

HDV => 150 kW

TEN-T network

Up to 3km Driving distance

Urban nodes

Safe & Secure Parkings

European Commission

Support rate
Publicly accessible recharging points

HDV 1 MW
(MCS)

TEN-T network

Up to 3km Driving distance

Safe & Secure Parkings

Urban nodes

HDV => 150 kW
HDV => 350 kW

European Commission

Support rate
Publicly accessible HRS

Eligible

- HRS 350/700 bar in open access
- 1 tonne supply capacity

Location

TEN-T network +/-10 km & urban nodes

European Commission

Zero emission for road public transport

Hydrogen

Hydrogen Refueling Stations (HRS)

Eligible

- HRS at 700 bar, or 350 & 700

Location

- Urban nodes, listed in TEN-T Regulation

Q & A

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