



## ELECTRIC CHARGING INFRASTRUCTURE

	COMMISSION PROPOSAL			NEEDED IN REALITY			
	31 Dec 2025	31 Dec 2030	31 Dec 2035	1 July 2025	1 July 2027	1 July 2030	1 July 2035
<b>TEN-T core network</b>							
Power output per recharging pool	≥1,400kW	≥3,500kW		≥5,000kW		≥6,500kW	
Number / power of recharging stations	1 x 350kW	2 x 350kW		4 x 350kW 4 x 800kW		4 x 1,200kW	
<b>TEN-T comprehensive network</b>							
Power output per recharging pool		≥1,400kW	≥3,500kW		≥1,400kW	≥3,000kW	≥5,000k
Number / power of recharging stations		1 x 350kW	2 x 350kW		2 x 350kW	2 x 800kW	2 x 1,200kW
<b>Safe and secure parking areas</b>							
		1 x 100kW		4 x 100kW			
<b>Urban nodes</b>							
Aggregated power output	≥600kW	≥1,200kW				≥1,600kW	
Individual power output	≥150kW	≥150kW				All ≥150kW + 2 x 350kW	



## HYDROGEN REFUELLING STATIONS

- Set intermediate target for 2025, matching the ambitious roll out of fuel-cell electric trucks from 2024 onwards
- Not more than 300km between publicly accessible refuelling stations for liquid hydrogen by 1 January 2027



## LNG AND CNG FILLING STATIONS

- Appropriate number of public LNG and CNG refuelling points should be put in place as soon as possible

Zero-emission trucks are beginning to hit the road in large numbers. However, suitable (public) infrastructure is still missing almost completely – this is something the Alternative Fuels Infrastructure Regulation (AFIR) needs to address urgently.

The **technical specifications and requirements** of charging and refuelling infrastructure for battery and fuel-cell electric heavy-duty vehicles are **completely different from those for cars**.

Particularly with respect to:

- Locations of charging and refuelling stations
- Space requirements
- Minimum power output levels

## AFIR KEY RECOMMENDATIONS

- Increase the level of total power output requirements per recharging pool / station on the TEN-T core network
- Increase the number of charging stations available at truck parking areas
- Increase the level of total power output requirements for charging pools at urban nodes
- Speed up the deployment of hydrogen refuelling stations and lower the maximum distance between liquid hydrogen stations