### Total number of ECVs in 2030

- **COMMISSION PROPOSAL**: 34.4 million BEVs, 13.7 million PHEVs
- **NEEDED IN REALITY**: 34.4 million BEVs, 13.7 million PHEVs

### Average annual mileage per ECV

- **COMMISSION PROPOSAL**: 13,414 km
- **NEEDED IN REALITY**: 13,414 km

### Average energy consumption per ECV

- **COMMISSION PROPOSAL**: 12 kWh / 100 km
- **NEEDED IN REALITY**: 20 kWh / 100 km

### Share of charging at public stations

- **COMMISSION PROPOSAL**: 40%
- **NEEDED IN REALITY**: 60%

### Average charging power per normal charger

- **COMMISSION PROPOSAL**: 7.7 kW
- **NEEDED IN REALITY**: 11 kW

### Average charging power per fast charger

- **COMMISSION PROPOSAL**: 104 kW
- **NEEDED IN REALITY**: 185 kW

### Charging capacity per BEV

- **COMMISSION PROPOSAL**: 1 kW
- **NEEDED IN REALITY**: 3 kW

### Charging capacity per PHEV

- **COMMISSION PROPOSAL**: 0.66 kW
- **NEEDED IN REALITY**: 2 kW

### Total number of chargers by 2030

- **COMMISSION PROPOSAL**: 3.9 million
- **NEEDED IN REALITY**: 7 million

### Distance between hydrogen stations

- **COMMISSION PROPOSAL**: 150 km (by 2030)
- **NEEDED IN REALITY**: 100 km (by 2027)

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ECVs = electrically-chargeable vehicles (BEVs + PHEVs) | BEVs = battery electric vehicles | PHEVs = plug-in hybrid electric vehicles

Ambitious CO2 targets must be accompanied by equally ambitious mandatory targets for charging points and hydrogen stations in all 27 EU member states. It is essential that the Alternative Fuels Infrastructure Regulation (AFIR) sets targets that are robust enough to enable future CO2 targets to be met in reality.

**AFIR KEY RECOMMENDATIONS**

- Increase the level of power needed for public charging
- Align the implementation timeline of the TEN-T core network with that of the TEN-T comprehensive network, while increasing the overall power installed per charging point
- Introduce a density parameter for charging points
- Stimulate fast charging deployment
- Take into account the specificities of vans
- Lower the maximum distance between hydrogen refuelling stations and speed up their deployment