

AVERE

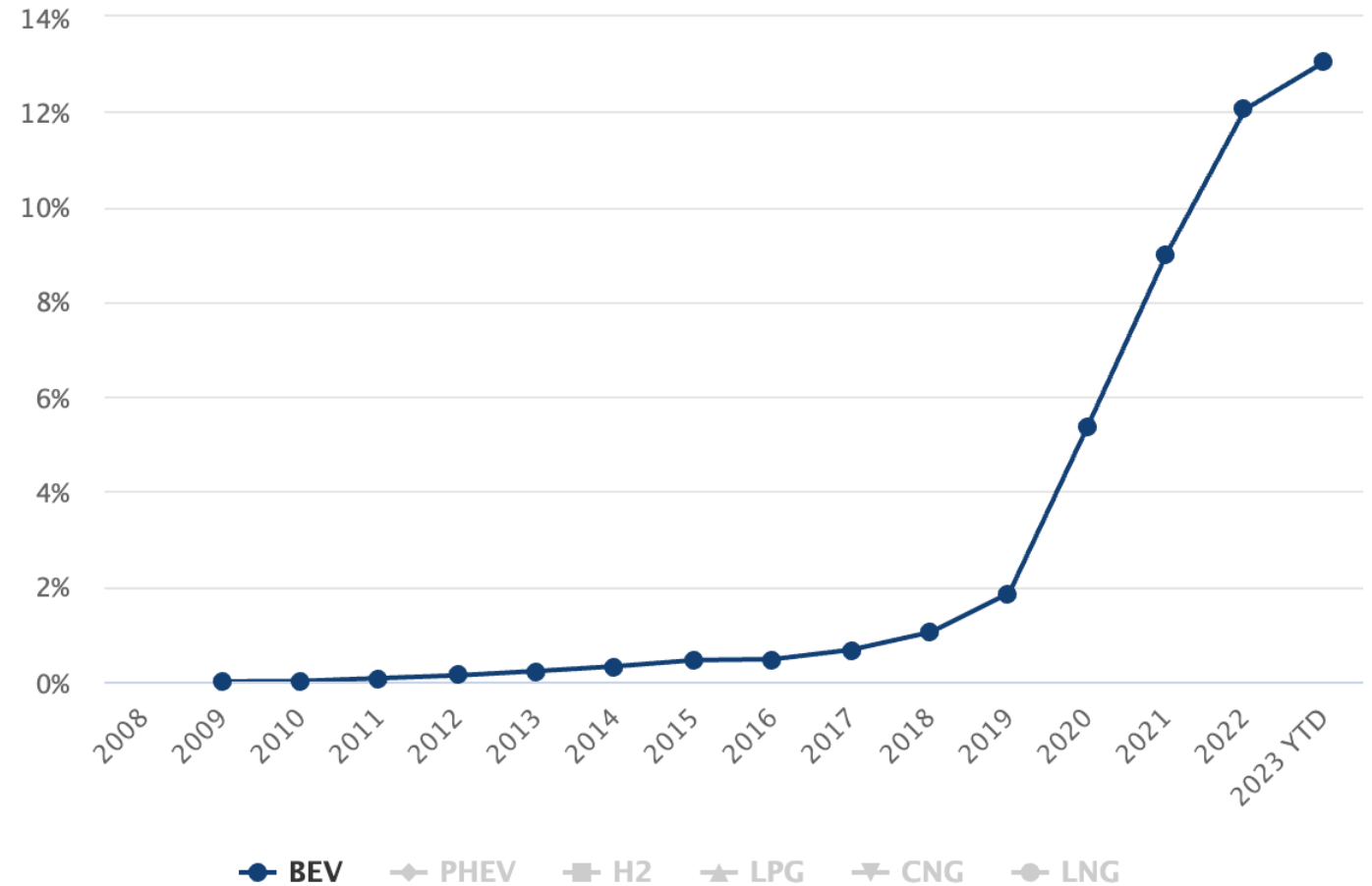
The European Association
for Electromobility

Fire safety for a sound transition to zero- emission mobility

www.aver.org

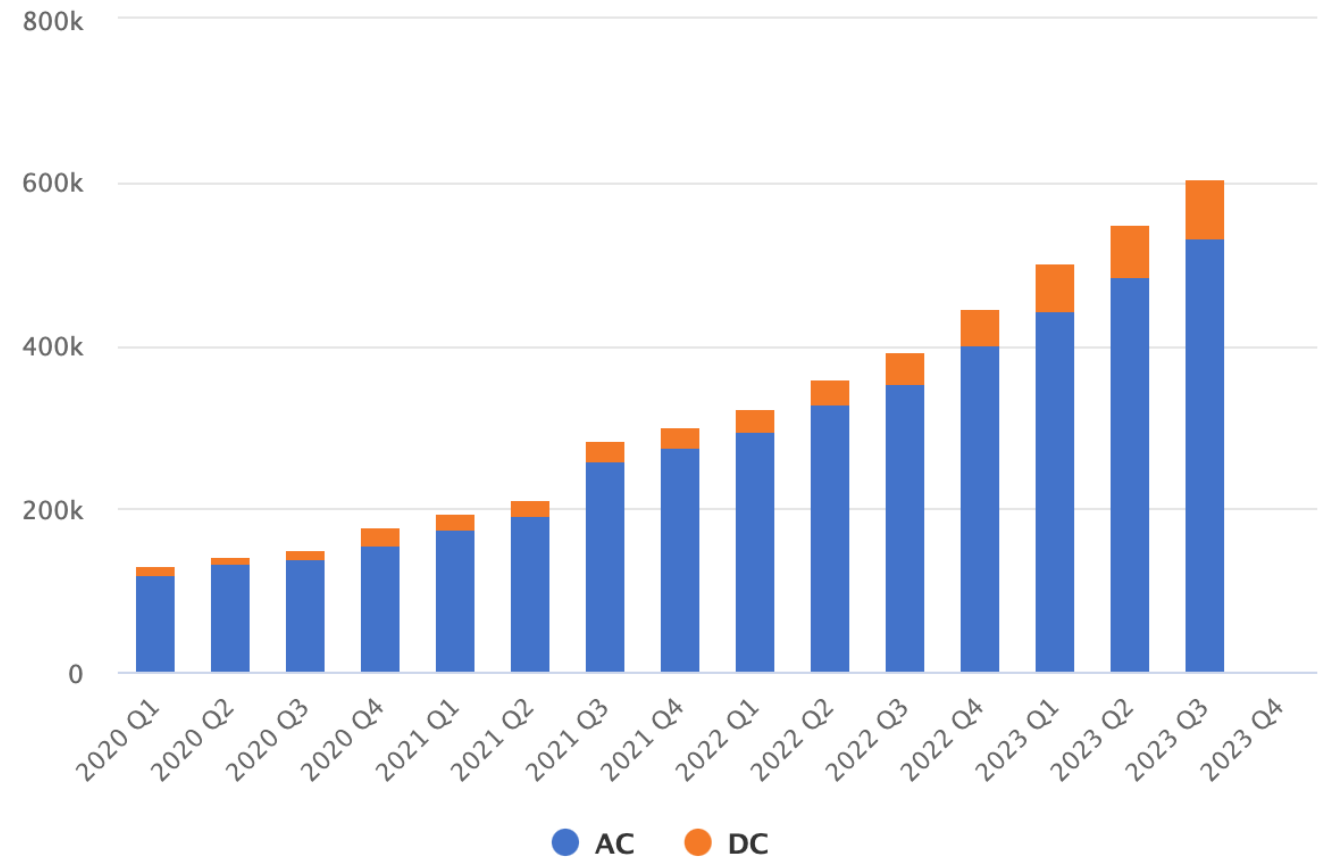


EU share of fully electric passenger car sales



Source: EAFO, 2023

EU number of deployed public charging points



Source: EAFO, 2023

600,000 + has been reached!

Why does fire safety matter for AVERE?

Bust myths

- Many articles describe EVs as more likely to catch fire than their internal combustion engine counterparts, when in fact there's no data to support this - quite the contrary.

Encourage zero-emission mobility

- Negative stories about EVs can affect the deployment of zero-emission mobility
 - Lead public authorities to take disproportionate measures which could disincentivise citizens from switching to e-mobility (ban on EVs in parking lots)
- If measures to welcome EVs in car parks are too cumbersome (technical measures/investments), it can push parking operators to refuse EVs from parking in their car parks

Provide evidence-based, recognized measures to prevent and extinguish EV fires

- Help find effective ways for fire fighters to identify fires, how to intervene in the safest way and what technologies to use

Sustainable Transport Forum (DG MOVE)

Task Force 6 Fire safety - objectives

Situation

- A majority of EV recharging happens at private locations and increasingly in covered underground or above ground car parks
- EV fires can occur and present unique risks and challenges pushing some local authorities to enact restrictive legislations

Objective of Task Force

- Establish guidelines for **public authorities** to support the roll-out of EVs in covered car parks while maintaining fire safety

Aim of guidelines

- **Busting myths** about EV fires / provide evidence-based data with regards EV fires
- Providing an **overview of existing legislations/ guidelines**
- Identifying **best practices and challenges**
- Establishing **recommendations** to maintain fire safety in covered car parks

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Thank you!

Raphaël Héliot – Policy manager
(raphael@avere.org)

