

STF Sub-Group on best practices of public authorities to support the deployment of recharging infrastructure

Task Force 6: recommendations for public authorities on Fire safety of recharging infrastructure in roofed parking garages

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

Task Force 6 Fire safety - state of play

Since the establishment of the Task Force in Q1 2023, we have:

- Gathered members from different sectors (fire fighters, parking, fire suppressant, electricity, fire safety research, e-mobility, local and national authorities, etc)
- Divided the work and created sub-task forces to accelerate the work
- Launched a survey on legislations and guidelines – open till 20 July!
- Planned a first exploratory webinar in the cooperation with DG GROW (27 June)
- Identified key studies / reports which will feed our recommendations



Task Force 6 Fire safety - Timeline / Next steps

**September – October
2023:**

presentation of draft
overview of
legislations across
Member States

March 2024:

Presentation of first
draft guidelines on
fire safety for EVs in
covered parking lots

**December 2023 –
January 2024:**
presentation of draft
recommendations /
best practices

May - June 2024:
Final guidelines to
share with STF

Do you want to know more?

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