

# The E-Volution: urban space solutions for passengers and freight

19 June 2023 13:30 CEST – 20 June 2023 13:00 CEST

**POLIS Office** (Rue du Trône 98, Brussels, 1050 Belgium) **and online (Zoom)**

## Agenda

Gathering stakeholders from cities, the freight industry, technology providers, as well as researchers, who are providing urban charging solutions for freight and passengers, this meeting aims to foster exchange on urban electric charging and BEV technology and urban freight pilots for zero-emission urban freight.

The EU Green Deal calls for necessary decarbonization of the private and commercial transport sector to reach the target of 55% net reduction of greenhouse gases by 2030. The pace is insufficient, yet we are still in need of affordable and efficient solutions.

Vehicle pollution has the biggest negative impact in urban environments due to traffic density. There, since urban curbside and street space is limited, discussions between city administrations, citizens, stakeholders and commercial entities about **space management and the installation and maintenance of electric charging infrastructure** are ongoing.

Similar to the technological advancements in battery technology of **BEVs** for passengers that results in a significantly increased maximum range, **commercial battery-electric HGVs** are an increasingly viable alternative to conventional ICE HGVs, including for **urban freight**.

This meeting falls under the two following POLIS themes: **Access, Environment and Health, and Urban Freight**.



In cooperation with the following EU projects:

EU-funded Horizon Europe projects such as ECharge4Driver, SCALE, NextETRUCK, ESCALATE are testing, or planning to test electric vehicle charging solutions in urban environments.



## Day 1 – 19 June: EV Parking (issues and innovations)

You can identify live presentations in Brussels as '(onsite)'. All other presentations will take place online.

### 13:30-14:00 **Welcome Coffee**

### 14:00-14:15 **Welcome & Introduction**

*Olivier Asselin, Lille Métropole*

### 14:15-14:30 **Stories from Membership: Leuven**

*Tim Asperges, Leuven*

### 14:30-14:45 **Consumer survey on EV parking**

*Gabriela Barrera, VUB*

### 14:45-15:15 **EV-parking policy update**

- STF (AFIR, Special Task Force: accessibility, Special Task Force: Fire-Safety) *Alexander Verduyn (European Commission, DG MOVE) & Pedro Gomes*
- French legal changes, including solar parking lots *Olivier Asselin*

### 15:15-15:30 **Discussion: Towards a paper on best practices for enforcing wrongful use of EV charging**

*Discussion led by Ivo Cré*

### 15:30-15:45 **Coffee Break**

### 15:45-16:45 **Panel discussion: Pathway to integration**

- Innovators: ECharge4Driver (Cedric de Cauwer, VUB) and SCALE (Didier Bollen, Goodmoovs)
- Cities: Annika Bergendahl, City of Stockholm
- Research & innovation: Giuliano Mingardo, Erasmus University Rotterdam
- Parking: Nigel Williams, EPA

*Discussion led by Ivo Cré*

### 16:45-17:45 **Closed session for POLIS members and EPA**

- Cross-border enforcement
- Parking rights/payment platforms

## Day 2 – 20 June: Electrification of heavy-duty vehicles

9:00-9:15 **Welcome Coffee**

9:15-9:30 **Welcome words from Madrid** (Urban freight Working Group chair)

9:30-10:45 **Presentation of projects & innovation**

- E-Charge & REEL Projects (Nikita Zaiko – Lindholmen Science Park)
- Electrification of HDVs in Sweden (Jakob Rogstadius - RISE)
- NextETRUCK Project (Jean-Charles Pandazis - ERTICO)
- ESCALATE Project (Zissis Samaras – Aristotle University of Thessaloniki)

10:45-11:00 **Coffee break**

11:00-12:00 **Roundtable discussion on urban freight electrification challenges**

- International Road Transport Union (IRU)
- Valladolid (tbc)
- ECTA Member (Cecile Bray, GEODIS)
- Representative of freight business (tbc)
- Research & Consultancy (Rob Kroon, FIER)
- Policy (Julia Hildermeier, Regulatory Assistance Project)

12:00-12:45 **Innovation pitches**

- NeuraVolt (Yannis Lymperopoulos)
- Brigo (Fabio Curti)

12:45-13:00 **Closing remarks**