



**ASSURED workshop:**  
***Strategies & needs on EV fast charging  
infrastructure for urban freight & service trips***

**Oslo, 24<sup>th</sup> of September 2018 (venue TBD)**

**Back-to-back with the EEVC Convention on Policies and Best Practices<sup>1</sup>**

The ASSURED project aims at boosting the **electrification of urban commercial vehicles and their integration with high power fast charging infrastructure**. To achieve this, ASSURED will test six public transport buses, two garbage trucks, one delivery truck, and one light commercial delivery vehicle with automatic fast charging solutions. The goal is to **charge different vehicles using the same infrastructure**, which is what makes ASSURED so innovative. More information here: <https://assured-project.eu/>

The aim of this workshop is to discuss strategies and needs of local authorities, logistics service providers, grid and charging infrastructure operators and other stakeholders for upscaling electric full-size commercial fleets and fast charging infrastructure, with a focus on urban freight and service trips.

The workshop will take place back-to back with the EEVConvention on Policies and Best Practices (<http://policies.eevc.eu/>, Oslo, 25<sup>th</sup> of September), which includes among the speakers Noshin Omar, ASSURED coordinator and Director of the Battery Innovation Center of VUB, and Karen Vancluysen, Secretary General of Polis Network.

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<sup>1</sup> <http://policies.eevc.eu/>



## Draft Agenda

<b>10.30 - 12.00</b>	<b>Site visit (TBC)</b>
<b>12.00 - 13.00</b>	Registration and light lunch
<b>13.00 - 13.05</b>	<b>Welcome &amp; Introduction</b> Noshin Omar, VUB, ASSURED coordinator
<b>13.05 - 13.30</b>	<b>Presentation of ASSURED city and operator needs and views on fast charging infrastructure – focus on electric freight vehicles (EFVs)</b> Noshin Omar, VUB & Giacomo Lozzi, Polis Network Results from ASSURED and FREVUE projects
<b>13.30 - 14.30</b>	<b>European cities' experience: policies supporting EFVs and related charging infrastructure</b> Presentations from different cities: <ul style="list-style-type: none"> <li>• Àngel López Rodríguez, City of Barcelona</li> <li>• David Talbot, Transport for London</li> <li>• Sture Portvik, City of Oslo</li> </ul>
<b>14.30 - 14.45</b>	<i>Coffee break</i>
<b>14.15 - 15.00</b>	<b>Logistics and infrastructure operators: views and needs for deployment</b> Presentations from different operators: <ul style="list-style-type: none"> <li>• Marie-José Baartmans, BREYTNER Zero Emission Transport</li> <li>• May López Díaz, SEUR – DPD Group</li> <li>• Aaron Fishbone, GreenWay – VOLTIA</li> </ul>
<b>15.00 - 15.15</b>	<i>Coffee break</i>
<b>15.15 - 16:30</b>	<b>Stakeholder Dialogue - World Café Roundtables</b> Breakout sessions to discuss views and needs of public authorities, urban freight private stakeholders and charging infrastructure operators on (super) fast charging of urban commercial vehicles for freight and service trips. Topics for discussion: <ul style="list-style-type: none"> <li>• Integration of electrification strategies into local plans</li> <li>• Procurement, incentives and support</li> <li>• Charging infrastructure</li> </ul>
<b>16.30 - 17.00</b>	<b>Report and conclusion</b> All
<b>17.00</b>	<i>End of the workshop</i>





## Summary of ASSURED report 'City and Operators Strategies and Needs for upscaling electric full-size commercial fleets: a focus on urban freight'

THIS RESEARCH WILL ALSO BE PRESENTED AT THE EEVC CONVENTION ON POLICIES AND BEST PRACTICES

ASSURED is looking at innovative and fast interoperable charging infrastructure concepts and solutions, mainly addressing commercial electric vehicles such as buses, trucks and vans, to be tested in different cities across Europe. ASSURED aims to enable the industrial partners to improve their total cost of ownership and to reduce the operational cost of the vehicles. It also assumes that the views and needs of cities, public transport authorities and operators and other urban actors, such as freight operators, are essential to define a shared vision on how to make cities cleaner through the electrification of all types of vehicles and solve the challenges linked with the deployment of the related charging infrastructure.

The focus of ASSURED is set on the needs of the cities and the public transport authorities and operators of Gothenburg, Osnabrück, Barcelona, and Eindhoven, where the project's pilots will be implemented. These four cities are therefore contributing to the definition of the requirements for next-generation fleets of electric Heavy-Duty commercial vehicles and related charging infrastructure. Within ASSURED, the impact of these fleets of vehicles in the urban environment will also be evaluated, also considering the high-power charging equipment on the electricity grid in the cities.

This work, carried out in the framework of the ASSURED project, collects and discusses the needs and strategies of local administrations, public transport authorities and operators regarding the integration of fully battery-electric buses, freight trucks and vans in the urban context. A three-step analysis takes place including: categorisation of cities, collection of cities, Public Transport and Freight operators stakeholders' demands, and a survey of existing roadmaps for transport electrification. Connecting to the experience of the recent project FREVUE, the presentation gives a focus on the viability of the usage of Electric Freight Vehicles by logistics operators for urban freight distribution activities, and it gives recommendations to local authorities to engage with freight and logistics stakeholders and to take into account their needs and priorities when implementing e-mobility policies and measures.