



Transport Research Arena | 15 – 18 April 2024 | Dublin
EUROPEAN COMMISSION LUNCHTIME SESSIONS
EXHIBITION HALL | EC BOOTH | #TRA2024

- **Lunchtime session | Monday 15 April | 12:45-13:45**

“Towards zero emission vehicles: From batteries to demonstration”

The overarching objective of this lunchtime session is to give an insight into some of the Green Road Transportation research supported under the EU’s key funding programmes for research and innovation, Horizon 2020 and Horizon Europe.

The session will cover a wide spectrum of relevant technologies, ranging from battery and PowerDrive development to charging infrastructure. It will also cover a wide range of TRLs, from laboratory validation to real-world demonstration, with the aim of demonstrating contribution to key performance indicators, such as energy intensity, integration of EV vehicles into the grid and improvements of charging efficiency.

Participants will be representatives from the **Battery Heroes cluster**, the **E-VOLVE cluster**, and the **eCharge4Drivers** and **USER-CHI** projects.

- **Lunchtime session | Tuesday 16 April | 13:15-14:15**

“What’s Next in Transport Policy”

The overall objective of this lunchtime session is to provide insight into the latest policy initiatives underpinning the smart, sustainable and equitable transition of our transport and mobility system. The session will discuss, in a participatory manner, a wide range of policy issues including: TEN-T regulation, urban mobility and cycling declaration; the alternative fuels regulation (AFIR); Urban Air Mobility and drone strategy; digital data space, ITS and other digital updates.

Speakers will include **Torsten Klimke**, Head of Innovation and Research Unit in the European Commission’s Directorate-General for Mobility and Transport (DG MOVE) and **Isabelle Vandoorne**, Deputy Head of the same Unit. Other DG MOVE colleagues will also be present.



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- **Lunchtime session | Wednesday 17 April | 13:15-14:15**

“On the path towards automation: State of play in Europe”

The objective of this lunchtime session is to provide an overview of the status of development of Connected, Cooperative and Automated Mobility (CCAM) in Europe. More specifically, the session will focus on the Commission CCAM Staff Working Document that will be published before the TRA, and that takes stock of progress of the activities since the adoption in 2018 of the Communication dedicated to automated mobility.

The session will then focus on the activities of the CCAM Public-Private Partnership that was set up in 2021 as well as on the CCAM activities Knowledge Base, a user-friendly tool that collects all regulatory and research activities being carried out at European and National level.

The session will be moderated by **Andrea de Candido** of the European Commission’s Directorate-General for Research and Innovation (DG RTD) and will include the following speakers: **Rosalinde van der Vlies**, Clean Planet Director, DG RTD, **Armin Graeter**, **BMW** and chair of the CCAM partnership and **Stéphane Dreher**, ERTICO-ITS Europe and coordinator of the FAME project.

- **Lunchtime session | Thursday 18 April | 13:15-14:15**

“Digital Twins in transport”

This lunchtime session will focus on how a digital twin model enables decision-making in transport and mobility planning. A digital twin is a virtual representation of an object or system that spans its lifecycle and uses real data and simulation to predict how the system (or process) will operate and perform. From infrastructure monitoring to logistics, digital twins have been demonstrating their potential to tackle transport challenges by supporting both medium and long-term planning and ad-hoc decision-making.

This lunchtime session will showcase four research and innovation projects that use digital twins for the following domains: road infrastructure (**OMICRON**), ports (**PIONEERS**), urban logistics (**CIVITAS LEAD**), and multimodal traffic management (**ACUMEN**).



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