

Objectives

0.1

- Implement the latest technology and overcome major CCAM deployment barriers for logistics by demonstrating business-oriented and well-integrated CCAM systems for use cases (UCs) along a transport corridor and between hubs.

0.2

- Define recommendations for adaptations of supporting infrastructure, vehicle regulations and standards to enable broader deployment of CCAM, speeding up the introduction of CCAM vehicles and recommendations for further (e.g., large scale) piloting.

0.3

- Demonstrate business models and partnerships for the application of CCAM vehicles in logistics.

0.4

- Perform technical & socio-economic impact assessments and communicate them in the context of the best practices of the MODI L4 CCAM solutions and systems for real-world conditions.

Overall – Challenges

- A. New business models for logistic operation
- B. Steps towards L4 motorway automated driving
- C. Standardization and harmonization
- D. Seamless integration of the PDI and the vehicles

MODI CCAM test corridor from Rotterdam to Oslo

- A. Identify critical parts PDI along the total corridor
- B. Solutions by cocreation between all stakeholders

UC Norway – Challenges

- A. Border crossing
- B. PDI infrastructure needed for level 4
- C. Seamless integration of automated sub-components of the transport chain

UC Sweden – Challenges

- A. Access to confined area through gate
- B. Loading and unloading pallets and container
- C. Automated charging

UC Germany – Challenges

- A. Transition from Highway to confined area
- B. Reducing traffic load of HGV through the city
- C. Automated approach to charging area

UC The Netherlands – Challenges

- A. Coordinated Automated Driving on confined area
- B. Mixed traffic of manual operated and CCAM vehicles
- C. Logistic CCAM service for mix of confined area and public road destination



STEFANIE VAN DAMME

Project Manager at ALICE
Stefanie.vd@etp-alice.eu

