





MODI

A leap towards SAE L4 automated driving features

IPIC 2023, Athens 2023-06-14





Modi in a nutshell

Horizon Europe framework

HORIZON.2.5 - Climate, Energy and Mobility

HORIZON.2.5.7 - Clean, Safe and Accessible Transport and Mobility

HORIZON.2.5.8 - Smart Mobility

HORIZON-CL5-2022-D6-01-01 - European demonstrators for integrated shared automated mobility solutions for people and goods (CCAM Partnership)

Project information

MODI: A leap towards SAE L4 automated driving features

Coordinator: ITS Norway

Partners: 34 (27 participants + 2 affiliated entities + 5 associated partners)

Timeline: 1 October 2022 - 31 March 2026

Total cost: € 27,992,880 - **EU contribution:** € 23,030,095

Funding scheme: Innovation Action (IA)





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Project information

CCAM = Connected, Cooperative & Automated Mobility

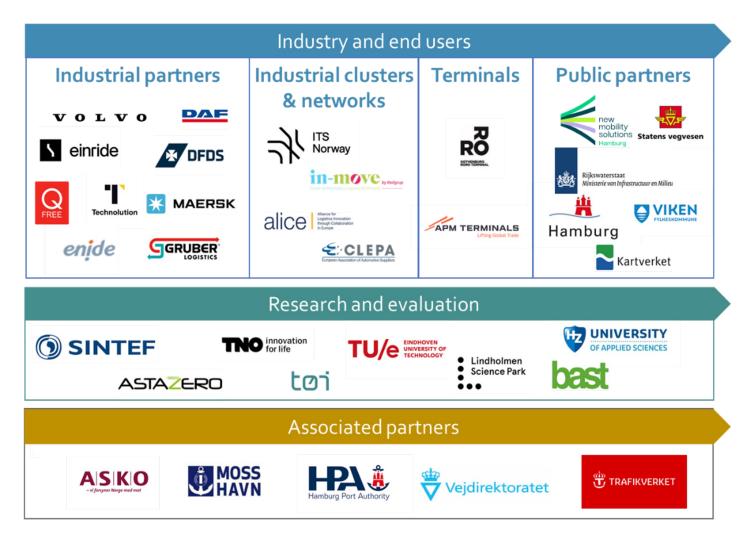




Consortium

MÔDI

34 organisations from 8 countries: 27 Participants, 2 Affiliated entities and 5 Associated partners







Expected outcome

MODI KEY RESULTS



CCAM vehicles at TRL 7 suitable for L4 demos on public roads & confined areas on the logistic corridor between The Netherlands and Norway.



Interface for efficient coordination of vehicles in public & confined areas, adding more benefits to CCAM vehicles use.



Design of Physical and Digital Infrastructure for supporting L4 CCAM vehicles, co-created and verified by relevant stakeholders.



New viable business models and tools creating value along the logistic chain by utilizing CCAM technology and vehicles.



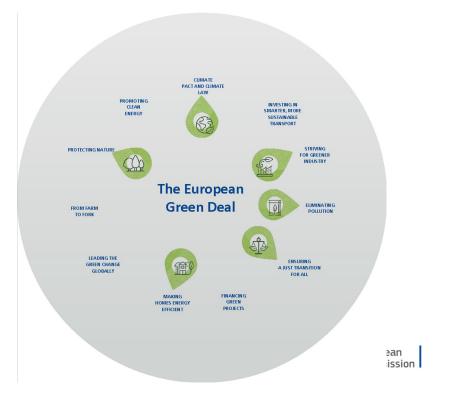
Assessment of environmental, safety, operational, and socio-economic **impacts** to support the recommendation of CCAM deployment in logistics.



Lessons learned and **book of recommendations** on CCAM vehicles, PDI, regulation, harmonization, and standardization to accelerate CCAM adoption in logistics.









- No net emissions of greenhouse gases by 2050
- Economic growth decoupled from resource use
- No person and no place left behind

- Technology that works for the people
- A fair and competitive digital economy
- An open, democratic and sustainable society





Automated transport is crucial to overcome freight transport challenges







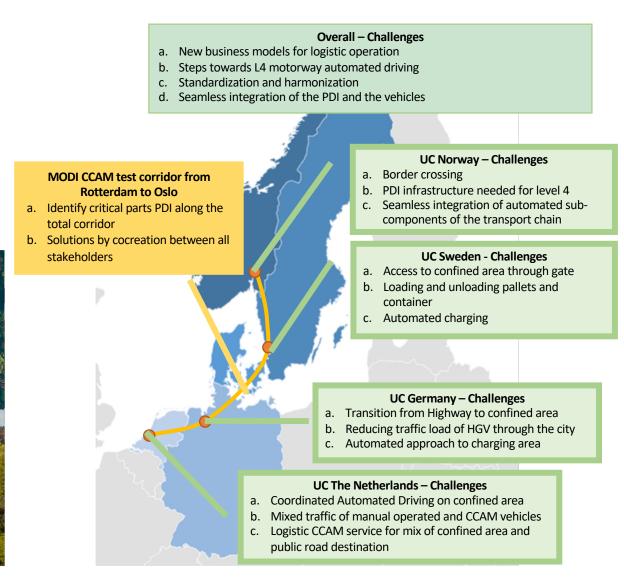
Overview

- Logistics corridor from Rotterdam to Oslo
- Identify and largely resolve barriers on this corridor, in **confined areas** and on **public roads**

Leveraging with other projects

MOD





Speed



Use cases

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