High-Level Dialogue on Connected and Automated Driving

18-19 June 2024, Ghent

Break-out session 2
Aligning the introduction of CAD with policy goals

FAME
Framework for coordination of Automated Mobility in Europe

July 2022 – June 2025
23 partners from 12 States
RIA
4M €

Building on…
VRA
2013 – 2016

CARTRE
2016 – 2018

ARCADE
2018 – 2022

THE FAME PROJECT IS FUNDED BY THE EUROPEAN UNION HORIZON EUROPE WORK PROGRAMME

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FAME

CCAM STAKEHOLDER COMMUNITY/ NETWORK

engage — capitalise — enable

EUROPEAN FRAMEWORK FOR TESTING ON PUBLIC ROADS INCLUDING COMMON EVALUATION

EU-WIDE KNOWLEDGE BASE

https://www.connectedautomateddriving.eu/
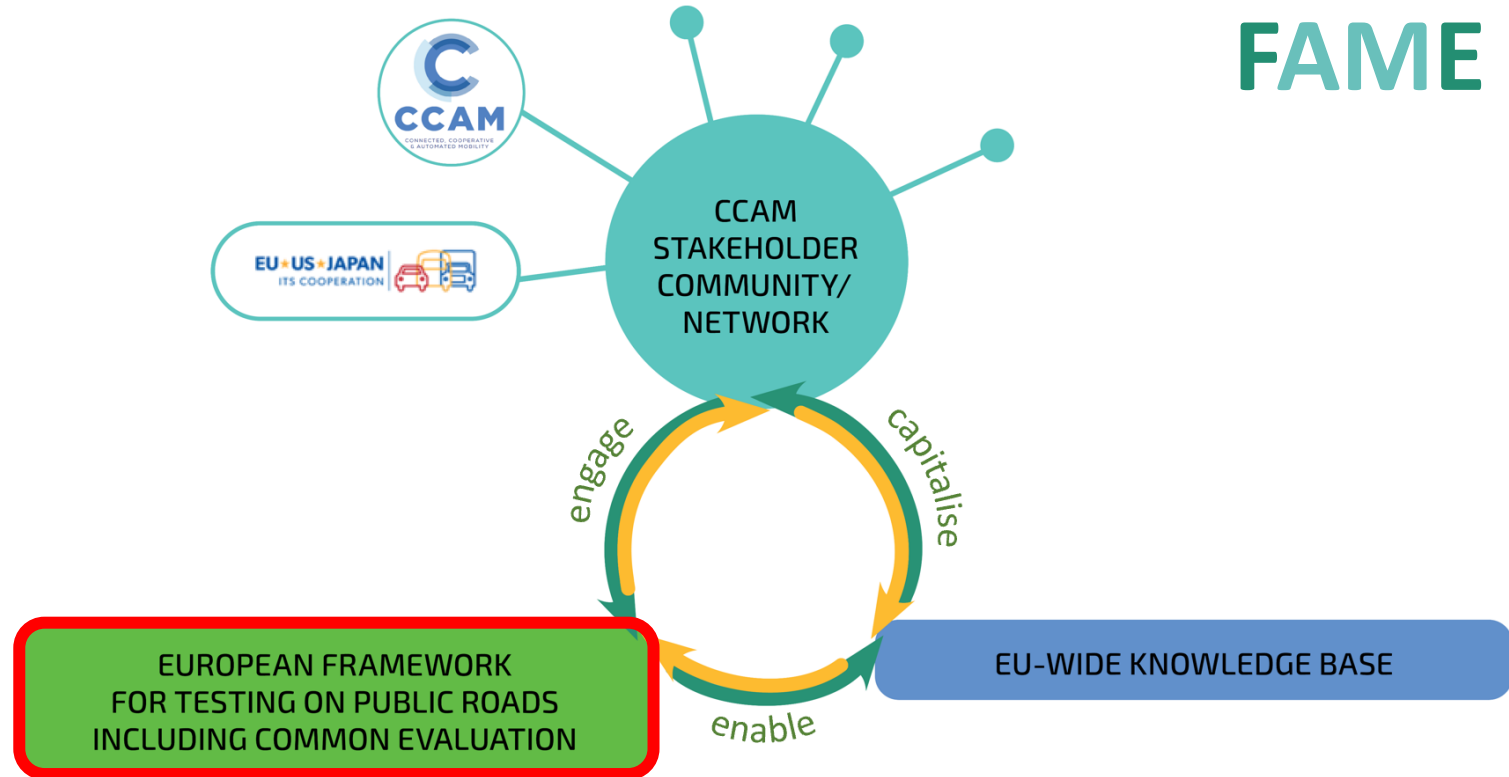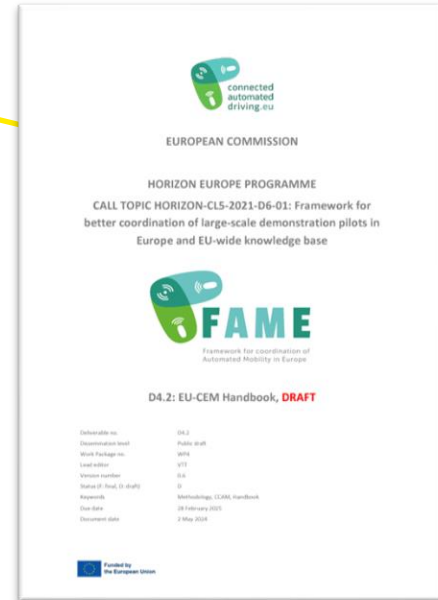
Common Evaluation Methodology for CCAM (EU-CEM)

▸ **The EU-CEM Handbook provides guidance** on how to set up and carry out an evaluation or assessment **of direct and indirect (wider socio-economic) impacts of CCAM**

▸ **EU-CEM will be part of** European framework for testing [of CCAM] on public roads

▸ **Objectives for EU-CEM**
- → Provide **common language and basis** for CCAM evaluations
- → Share **lessons learned and best practices**
- → **Better excellence and progress** of research and innovation on CCAM
- → Projects can provide **high quality input for decision and policy making**

▸ **Draft EU-CEM handbook** available in the Knowledge base
▸ **Final version will be published** by June 2025

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HORIZON EUROPE PROGRAMME

CALL TOPIC HORIZON-CL5-2021-D6-01: Framework for better coordination of large-scale demonstration pilots in Europe and EU-wide knowledge base

FAME
Framework for coordination of Automated Mobility in Europe

D4.2: EU-CEM Handbook, DRAFT

Funded by the European Union

Use of EU-CEM in Member states

▸ **Impact assessment following the guidance of the EU-CEM can be a tool to estimate the contribution of CCAM to policy goals, how to maximise the positive effects of CCAM and to mitigate the potential weaknesses**

→ **18 evaluation areas** included in the current draft of EU-CEM, addressing impacts on single vehicle or human level, on the level of traffic and transport and on the level or society

▸ **EU-CEM is applicable to all CCAM use cases, in big and small projects – on national, regional and local level**

▸ **We welcome feedback on how well the draft handbook is applicable in national projects and how to enhance it to make it even better**

Vehicle

Human

Traffic & Transport

Society

FAME Focus: Harmonized testing exemptions

FINAL REPORT OF THE SINGLE PLATFORM FOR OPEN ROAD TESTING AND PRE-DEPLOYMENT OF COOPERATIVE, CONNECTED AND AUTOMATED AND AUTONOMOUS MOBILITY PLATFORM (CCAM Platform)

Bruxelles, July 2021

EUROPEAN COMMISSION
Directorate-General for Mobility and Transport
Directorate B — Investment, Innovative & sustainable transport
Unit B4 — Sustainable and Intelligent Transport
Contact: frederic MARCHAL
E-mail: EU-CCAM-SINGLE-PLATFORM@ec.europa.eu
Frederic.marchal@ec.europa.eu

European Commission
B-1049 Brussels

Conclusions from the 4th High-Level Meeting on Connected and Automated Driving

Helsinki, 7 October 2020

LVM MINISTRY OF TRANSPORT AND COMMUNICATIONS

CCAM Platform Final Report

"**Harmonised conditions and processes for tests of CCAM systems on public roads**, including criteria for a mutual recognition of procedures" for the topic of "Coordination of CCAM demonstrations in Europe".
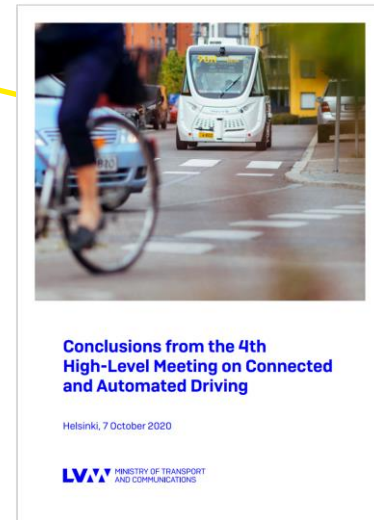
4th HLM on CAD Conclusions

...the means towards mutual recognition of testing authorisations should be developed. Moreover, some issues should be harmonised more in order to ease the testing of automated vehicles in different countries and to improve learning from the experiences of testing.

Need for common approach on testing frameworks

▸ **FAME & SRG Workshop in February highlighted the** strong connection of the work **from the European Commission (MVWG) on pre-homologation testing and FAME / Hi-Drive on testing for R&D.**

▸ Some commonalities**, e.g. requirement for safety mechanisms (safety driver or remote safety operator) and handling of personal data. A** common taxonomy is needed

▸ **Proposal to combine the** Frameworks for open road testing permits for development and for type approval**, as the procedure can be shared, with minor differences**

▸ **Common objective to** facilitate overall deployment of CCAM **which requires** engagement from Member States

This document is a draft version. It is provided to you in order to collect your feedback on the preliminary recommendations.
While this document is considered confidential, you are free to share it with other persons supporting you in this task.

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Framework for coordination of Automated Mobility in Europe

T5.4: Recommendations for a European framework for testing on public roads

2ⁿᵈ Workshop conclusions

FAME T5.4 Testing regulations framework workshop conclusions - draft

https://www.connectedautomateddriving.eu/regulation-and-policies/