Perspectives for CCAM

High Level Dialogue on Connected and Automated Driving
Belgian Presidency of the EU

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Ghent, Belgium

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Policy perspectives from the FAME project

1. **EC Sustainable and Smart Mobility Strategy:** automated mobility should be deployed at a large scale by 2030 to have a 90% cut in transport-related greenhouse gas emissions by 2050.

2. **Need for harmonised methodology** for the impact evaluation of CCAM. CCAM could positively impact safety and the environment through emissions reduction, energy efficiency, and modal shift.

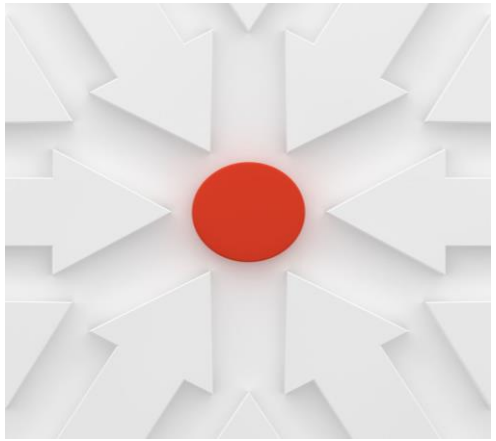
3. **EU wide type approval** (implementing act 2022/2026) but **variations in legislative landscape** across MS, e.g. testing requirements, liability, …

4. **The roles of the different authorities** involved in the approval process at the national level are not always synchronised. Commonalities have already been identified – such as the requirement for the presence of safety mechanisms (safety driver or remote safety operator) and the handling of personal data.

5. **Engage local administrations early** in testing and co-creation of use cases to respond at best to the residents' needs, make CCAM more inclusive and achieve climate neutrality

https://www.connectedautomateddriving.eu/wp-content/uploads/2024/02/POLICY-BRIEF_version-online.pdf

ERTICO enabling CCAM



Coordination: develop and maintain coordination tools and harmonised methodologies, together with all stakeholders, to exchange best practices and define common terminologies and approaches for the assessment of project results and impacts.

Societal: increase awareness about CCAM among citizens and decision makers by developing methodologies for co-creation, fostering equitable deployment of CCAM and understanding cultural differences in mobility needs.

Regulation: support harmonisation of regulatory frameworks in EU, facilitated testing and liability frameworks by providing recommendations for aligned testing exemptions across Member States and a common taxonomy.

Infrastructure: identify infrastructure and connectivity needs for high level automaton and common definitions for infrastructure adaptations and digital twins. Support the progress of CCAM through increased data sharing, mobility data spaces, edge computing, big data & AI

1m tonnes CO2
1m hours saved
10,000 lives saved

2030 - 100% achieved

- 75% achieved

2025 - 50% achieved

- 25% achieved

2020 -

Societal targets

PROJECTS

PLATFORMS

- ERTICO Academy
- ERTICO City Moonshot

CITY Moonshot

Map city interests

TM2.0

TISA

SENSORIS

ADASIS

EAVP

DFRS

2035

Integrated, accepted, inclusive and infrastructure supported operational CCAM services supporting decarbonisation

2030

Better understanding of wider impacts of AD for passenger and logistics

metaCCAZE

Infrastructure and connectivity needs for HLA & Common definitions for infrastructure adaptations & digital twins

2027

IN2CCAM

ENVELOPE

GUIDE

PODIUM

5G-META

FRODDO

CULTURALROAD

5G-LOGINNOV

FAME

SINFONICA

5G-MOBIX

5G-DRIVE

Harmonised regulatory frameworks in EU, facilitated testing and liability frameworks

CCAM progressed through Mobility Data Space, edge computing, Big Data & AI

2025

SYNERGIES

SUNRISE

2023

Increased awareness about CCAM, societal impacts and methodologies for co-creation

SHOW

WE-TRANSFORM

TRAINING

THE ACADEMY

Support R&I coordination with tools for sharing of Knowledge & lessons learned

Common EU evaluation methodology and safety validation framework

HEADSTART

ENSEMBLE

2020

ARCADE

FUTURE-RADAR

Connected, Cooperative & Automated Mobility

ERTICO CCAM in sync with the broader ecosystem

International Road Federation
Fédération Routière Internationale
Federación Internacional de Carreteras

Towards tangible deployment

THE ACADEMY by ERTICO PARTNERSHIP
Sharing knowledge

DUBAI
ITS World Congress
16 -20 September 2024
Mobility Driven by ITS

SCAN ME