

# CCAM SINGLE PLATFORM - Overview

- The single EU-wide platform grouping all relevant public and private stakeholders to coordinate open road testing of Cooperative, Connected and Automated Mobility (CCAM) and make the link with pre-deployment activities
- Joint activity of DG MOVE, DG CNECT, DG GROW and DG RTD
- Continuously open call:  
[https://ec.europa.eu/transport/modes/road/news/2019-02-26-call-applications-single-platform\\_en](https://ec.europa.eu/transport/modes/road/news/2019-02-26-call-applications-single-platform_en)
- Currently 30+ members and 80+ observers and MS experts
- Strong link with EU partnership on CCAM

# CCAM PLATFORM - Working Groups

1. Develop an EU R&I agenda for CCAM (MOVE & RTD)
2. Coordination and cooperation of R&I and testing activities (RTD & MOVE)
3. Physical and digital road infrastructure (MOVE)
4. Road Safety (MOVE & GROW)
5. Cybersecurity and access to in-vehicle data linked to CCAM (GROW & CNECT)
6. Connectivity and digital infrastructure for CCAM (CNECT)

# CCAM PLATFORM – D1: EU R&I agenda

- EU framework to foster focused, coordinated and long-term investment R&I and testing activities in CCAM.

	<b>Urban</b>	<b>Highway / National roads</b>	<b>Rural</b>
Passengers	Innovative, user-centric, inclusive (shared) mobility services using fully connected and highly automated vehicles (SAE level 4)		
Freight	Innovative, (shared) freight transportation and delivery services using fully connected and highly automated vehicles (SAE level 4) in real logistics operations		

# CCAM PLATFORM – D1: EU R&I agenda

Overall objectives	Strategic objectives	Expected outcomes	R&I action areas
Ensuring safety and security	<ul style="list-style-type: none"> <li>• Reduced number of fatalities and injuries in road transport</li> <li>• ...</li> </ul>	<ul style="list-style-type: none"> <li>• Functional safety for CCAM</li> <li>• ...</li> </ul>	<ul style="list-style-type: none"> <li>• Environment perception</li> <li>• Cyber-security</li> <li>• ...</li> </ul>
Meeting societal and market needs and reducing environmental impacts of the transport system	<ul style="list-style-type: none"> <li>• Reduced transport emissions and congestion</li> <li>• ...</li> </ul>	<ul style="list-style-type: none"> <li>• Shared automated mobility and freight delivery services are proven and tested</li> <li>• ...</li> </ul>	<ul style="list-style-type: none"> <li>• Smart, shared, automated mobility solutions</li> <li>• Fleet and (mixed) Traffic Management</li> <li>• ...</li> </ul>
Increasing effectiveness of R&I contributing to maintaining and extending industrial leadership	<ul style="list-style-type: none"> <li>• Better exchange and reuse of results from CCAM projects</li> <li>• ...</li> </ul>	<ul style="list-style-type: none"> <li>• Long-term framework for R&amp;I and testing</li> <li>• ...</li> </ul>	<ul style="list-style-type: none"> <li>• Data exchange framework</li> <li>• EU-wide knowledge base</li> <li>• ...</li> </ul>

# Links between WG1 and CCAM partnership

- **Plenary December 2019: D1** – vision, objectives, R&I areas



- **13 March 2020:** draft Partnership proposal



- **13 April 2020:** final Partnership proposal

- **Plenary June 2020: D2** – 7 cluster documents incl. R&I actions



- **Q2 2020:** Strategic Research Innovation Agenda (SRIA)



- **Q3/4 2020:** Signature of the Memorandum of Understanding

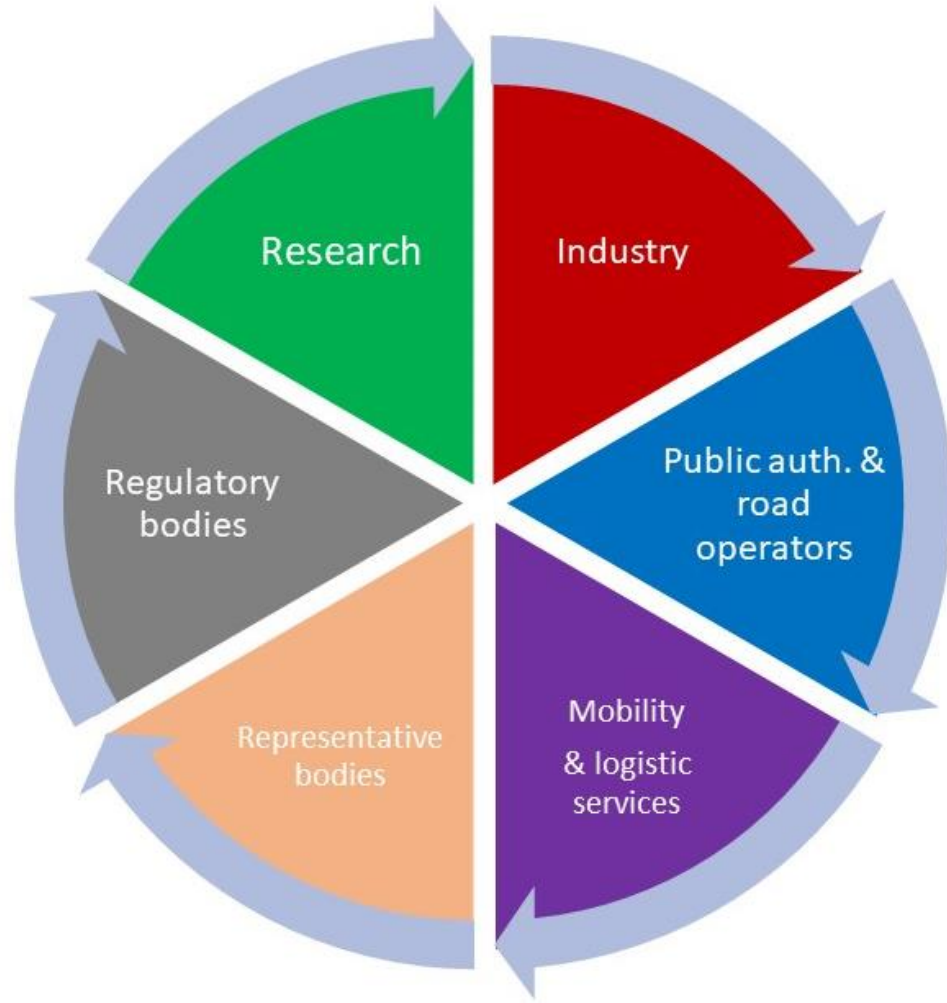
# European Partnership on CCAM – Proposal

**Huge progress has been made in terms of:**

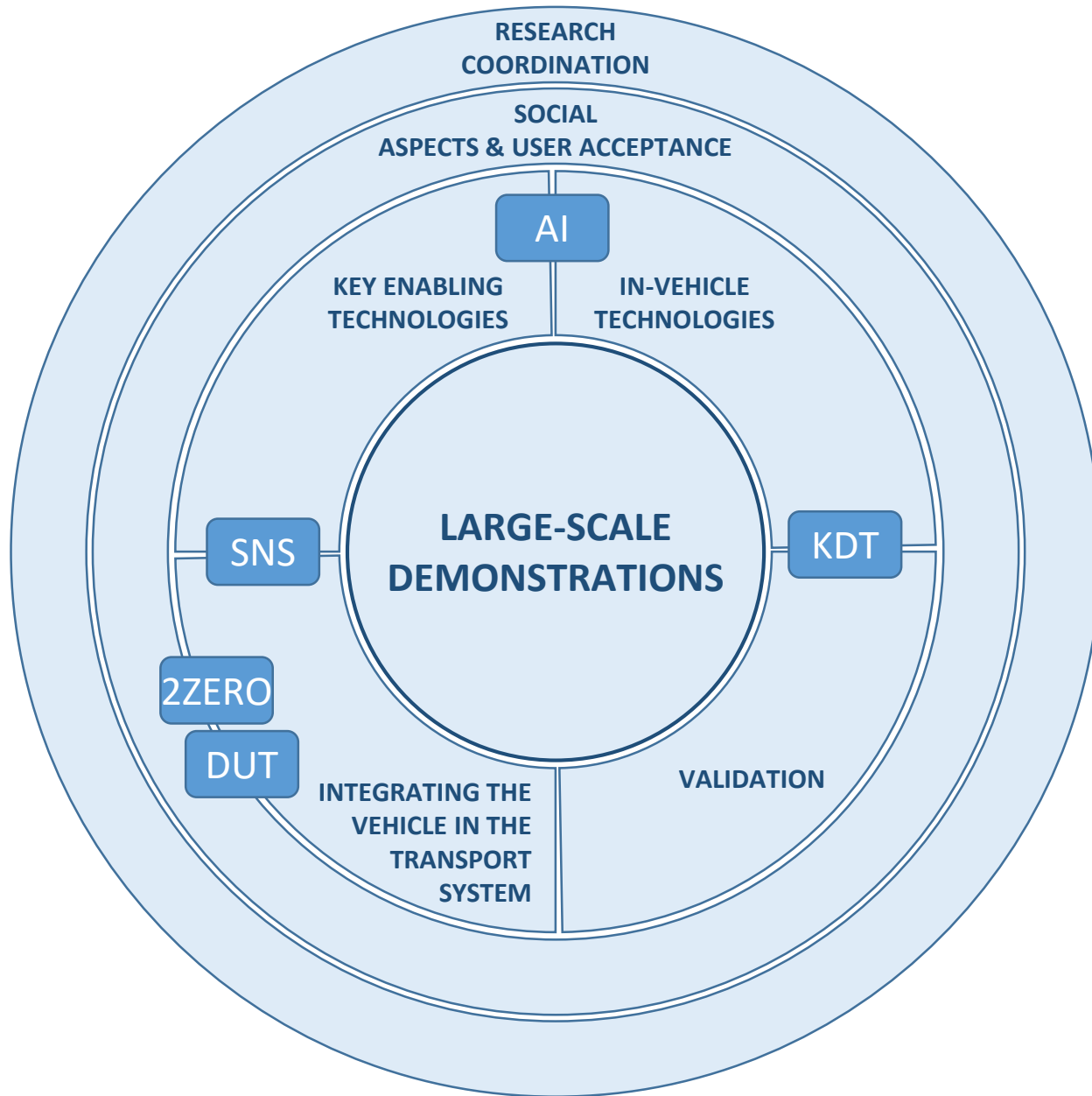
- Commitments from stakeholder groups
- Definition of 7 Clusters and potential R&I actions
- Links with other European partnerships
- Description of process to prepare the SRIA

**May 2020 - Partnership proposal published**

# CCAM Partnership Sectors and Stakeholder



Industry	<ul style="list-style-type: none"><li>- Automotive industry, including supply chain</li><li>- ITS solutions, telecom providers, connectivity</li><li>- Data handling and storage industry, ...</li></ul>
Public authorities & road operators	<ul style="list-style-type: none"><li>- Cities and regions</li><li>- Transport authorities, road authorities and operators</li><li>- Member States</li></ul>
Mobility & logistic services	<ul style="list-style-type: none"><li>- Public transport providers</li><li>- Mobility and logistics service providers</li><li>- Insurance, maintenance, ...</li></ul>
Representative bodies	<ul style="list-style-type: none"><li>- Road users</li><li>- Stakeholder associations</li><li>- Road safety, society, the environment, ...</li></ul>
Regulatory bodies	<ul style="list-style-type: none"><li>- National, European and international</li></ul>
Research	<ul style="list-style-type: none"><li>- Universities</li><li>- Public research institutes</li><li>- Private research institutes</li></ul>



# Other partnerships

- 2ZERO – towards zero emissions
- DUT – driving urban transition
- KDT – key digital technologies
- SNS – smart network services
- AI – artificial intelligence, data & robotics
- ... Collaborative calls