

MISSION AND VISION STATEMENT

The Connected, Cooperative and Automated Mobility (CCAM) partnership's vision is to ensure European leadership in safe and sustainable road transport through automation.

The four main goals are: 1) increase safety in road transport; 2) reduce negative impacts from road transport on environment; 3) ensure leadership through targeted knowledge and capacity building; 4) strengthen competitiveness of European industries.

Advancing CCAM is a multi-stakeholders effort, involving public and private stakeholders across industries and value chains, among others: industry players, public authorities and road operators, mobility and logistic services, representative bodies, regulatory bodies, and the research community.

KEY FACTS AND FIGURES

Horizon Europe Pillar and Cluster: Pillar II – Cluster 5: Climate, energy and mobility

Type of partnership: Co-programmed

Coordination entity: CCAM Association

Total estimated budget: Up to EUR 1 bn

EU commitments: Up to EUR 500 m

Partners' commitments: Up to EUR 500 m

FIND OUT MORE

www.ccam.eu

https://www.ccam.eu/wp-content/uploads/2021/11/FINAL_MoU_CCAM.pdf

<https://www.ccam.eu/wp-content/uploads/2022/01/CCAM-Partnership-SRIA-FINAL-2021.pdf>

[in www.linkedin.com/company/ccam-association](https://www.linkedin.com/company/ccam-association)

[www.twitter.com/CCAM_EU](https://twitter.com/CCAM_EU)

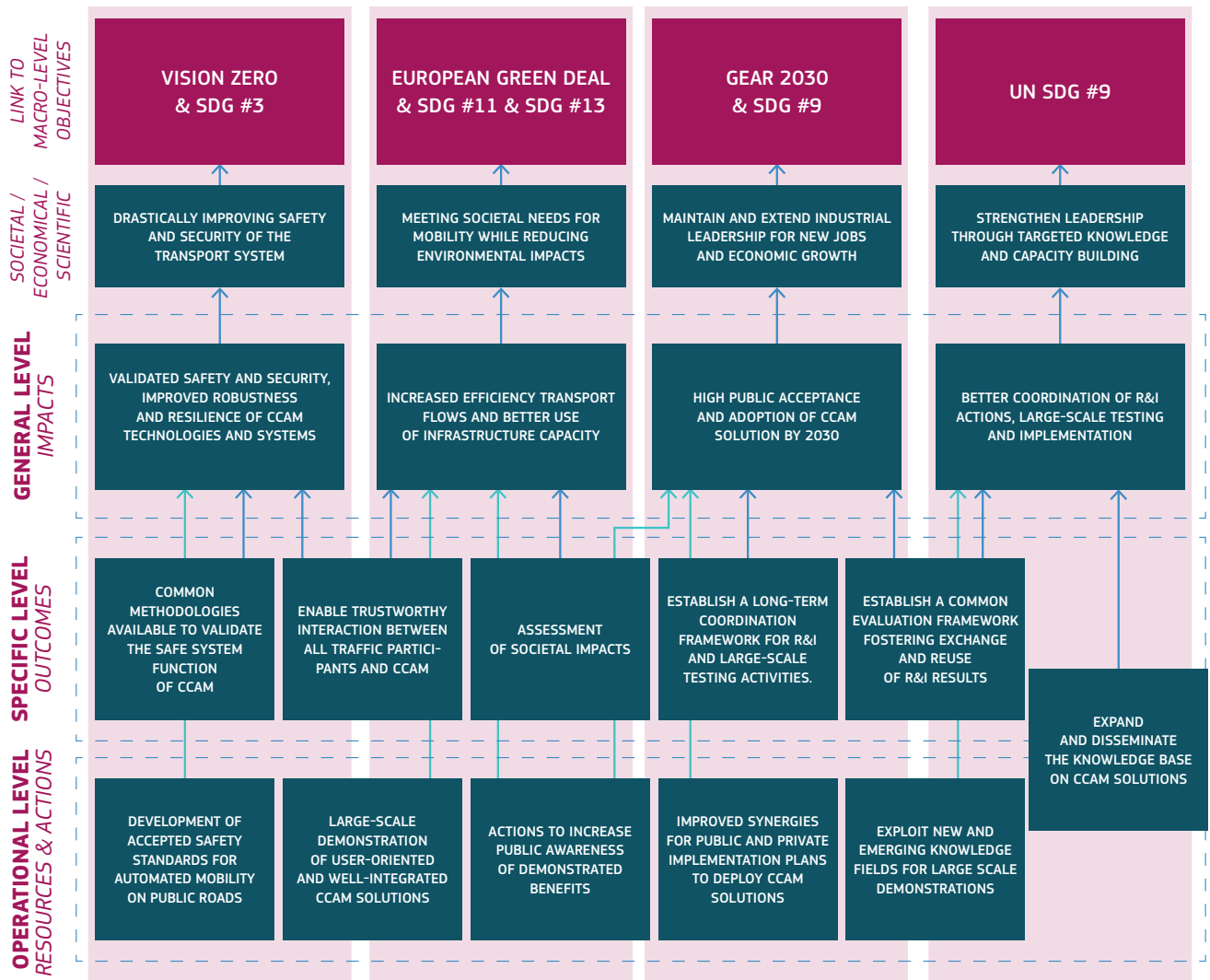
<https://www.youtube.com/channel/UCYxhgBhC8ZAPoZIPHbce2hw>

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PARTNERSHIP SPECIFIC IMPACT PATHWAY (PSIP)

CCAM PARTNERSHIP VISION: TO ENSURE EUROPEAN LEADERSHIP IN SAFE AND SUSTAINABLE ROAD TRANSPORT THROUGH AUTOMATION





PARTNERSHIP'S KEY PERFORMANCE INDICATORS

KPI NAME*	UNIT OF MEASUREMENT	BASELINE	TARGET 2023	TARGET 2025	TARGET 2027	AMBITION >2027
RESOURCES (INPUT), PROCESSES AND ACTIVITIES						
Safety standards acceptance	# demonstrators applying	0	N/A	N/A	N/A	3 or more in 2028
CCAM large-scale demonstration	# demonstration sites	0	N/A	N/A	N/A	Minimum 30 in 2030
Public awareness of CCAM benefits	% willingness to use	47 %	N/A	N/A	N/A	75 %
Knowledge expansion and dissemination	# projects in the knowledge database	300	Minimum 400 by 2030 and increase of underrepresented countries			
OUTCOMES						
Methodology for safety validation	#	fragmented	fragmented	fragmented	1	1
Secure & trustworthy interaction of CCAM	# incidents / 1 mio km driven	TBD	N/A	N/A	N/A	10% reduction / year in demonstrators
Public acceptance	Survey 2025 and 2030	H2020 survey	N/A	Increase	N/A	Increase
Active member involvement	%		75% of actors in large-scale demos are CCAM members			
	%	18/27	75% of EU MS actively involved in CCAM SRG			
IMPACTS						
Fatal and severe accidents under test	#	TBD	0	0	0	0
Traffic flow efficiency under test	Traffic flow condition**: <ul style="list-style-type: none"> ● Travel Time Index, or ● Congestion Variability Index, or ● Congested road/kms, or ● Peak hour traffic speed 	TBD before the test	N/A	N/A	N/A	Improvement
CCAM partners investment in R&I	% of increase	TBD in 2022	N/A	10%	N/A	25%
Best practice sharing	# CCAM projects in conferences	0	TBD	TBD	TBD	all

* This is just a selection of the main CCAM Partnership KPIs. Should you wish to access the full list, please refer to the CCAM SRIA at https://www.ccam.eu/wp-content/uploads/2021/12/CCAM-Partnership-SRIA-v1.4_FINAL_VER_-ELECTRONIC-17032022.pdf

** Traffic flow condition: the ideal indicator to measure the impact depends on the demonstrated use case, and it could be a combination of the indicators listed.

SYNERGIES WITH OTHER EUROPEAN AND NATIONAL INITIATIVES

MULTI-STAKEHOLDER COOPERATION

The lack of a common long-term vision and strategy targeting systemic solutions, as well as little interaction among the large cross-sectoral value chain has been a barrier for developing CCAM solutions. The CCAM partnership brings together public and private stakeholders – vehicle manufacturers, local and regional authorities, road operators, service providers, telecom industry etc. – into a common ecosystem in order to develop synergetic effects for their investment plans to advance vehicle and infrastructure technologies.

INTERACTION WITH OTHER PARTNERSHIPS

The CCAM partnership is seeking interaction and coordination with other complementary Partnerships (e.g. 2Zero and Driving Urban Transitions) and partnerships addressing enabling technologies for CCAM (Key Digital Technologies, AI, Data and Robotics, Smart Networks and Services, High Performance Computing, Photonics). This coordination will be facilitated for example through alignment groups or institutional meetings, joint expert workshops, and joint conferences.

The CCAM partnership identifies synergies with the objectives of the mission on climate-neutral and smart cities by implementing large-scale demonstrations of automated mobility systems and services within cities. In the current preparatory work for the work programme 2023, a joint topic was developed, building on the solutions from CCAM and 2Zero and which aims to support the climate neutrality ambitions of cities.

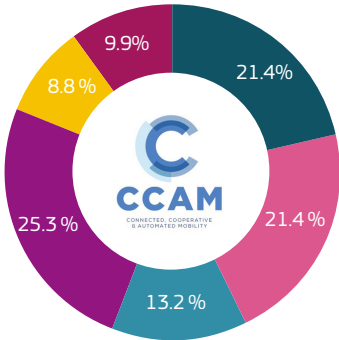
COORDINATING WITH NATIONAL PROGRAMMES

The CCAM partnership board at its first meeting in July 2021 agreed to set up the CCAM States Representatives Group (SRG). According to the memorandum of understanding for the co-programmed European Partnership for Connected, Cooperative and Automated Mobility (CCAM): 'This group should advise and actively support the achievement of objectives of the Co-Programmed European Partnership and ensure complementarity with national policies, priorities and programmes.' The idea is, through the SRG, to bring different EU Member States and Horizon Europe Associated Countries together and streamline national research agendas with the CCAM SRIA. The first meeting of the CCAM SRG took place on 25 November 2021 with representatives from 18 countries.



OVERVIEW OF MEMBERS

MEMBERS PER TYPE



- INDUSTRY** Other Industrial and/or profit Private organisation
- UNIVERSITY** University and other higher education organisations
- RESEARCH** Public research organisation (including international research organisation as well as private research organisation controlled by a public authority)
- PUBLIC** Research funders, ministries, regions, cities
- SMEs**
- OTHERS** Non-profit, associations, state companies etc.

GEOGRAPHICAL COVERAGE

