



# CCAM

CONNECTED, COOPERATIVE  
& AUTOMATED MOBILITY

## ONE OF THE PARTNERSHIPS FOR HORIZON EUROPE

[ccam.eu](https://ccam.eu)

# PARTNERSHIP LAUNCH BY THE EUROPEAN COMMISSION ON 23 JUNE



# MEMBERSHIP

- 168 member companies / organisations
- 19 new applications to be approved at the next GA

<https://www.ccam.eu/members/>

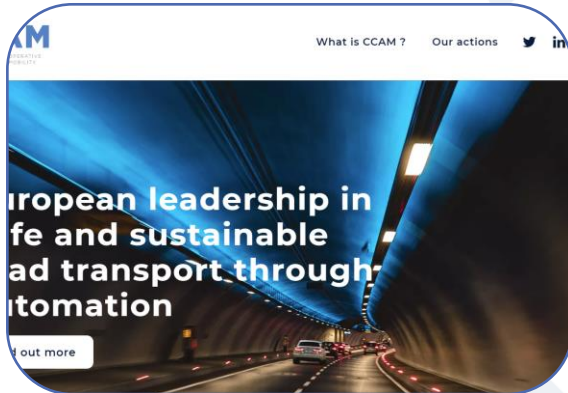
**More than 180 Members  
have joined the Partnership**

Navigation: < >



**All members**

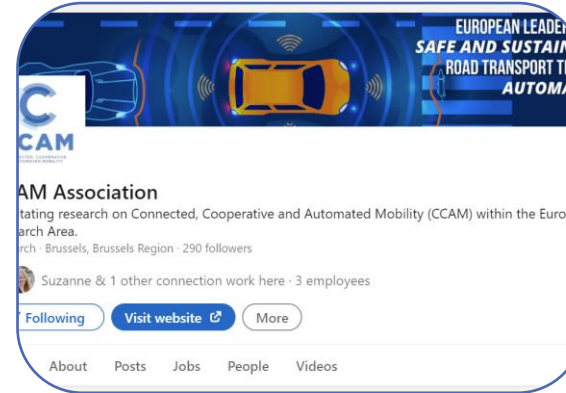
# COMMUNICATION TOOLS LAUNCHED



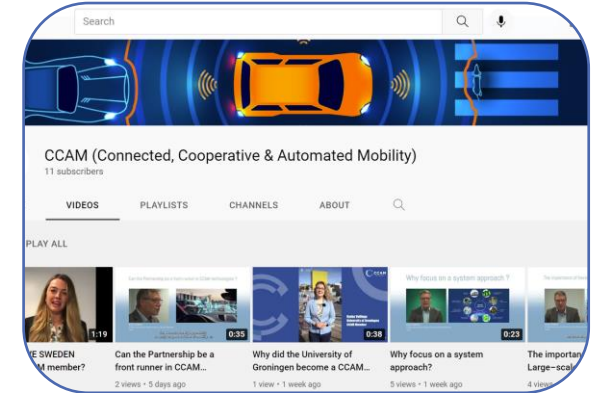
Website  
[www.ccam.eu](http://www.ccam.eu)



Twitter  
[@CCAM\\_EU](https://twitter.com/CCAM_EU)

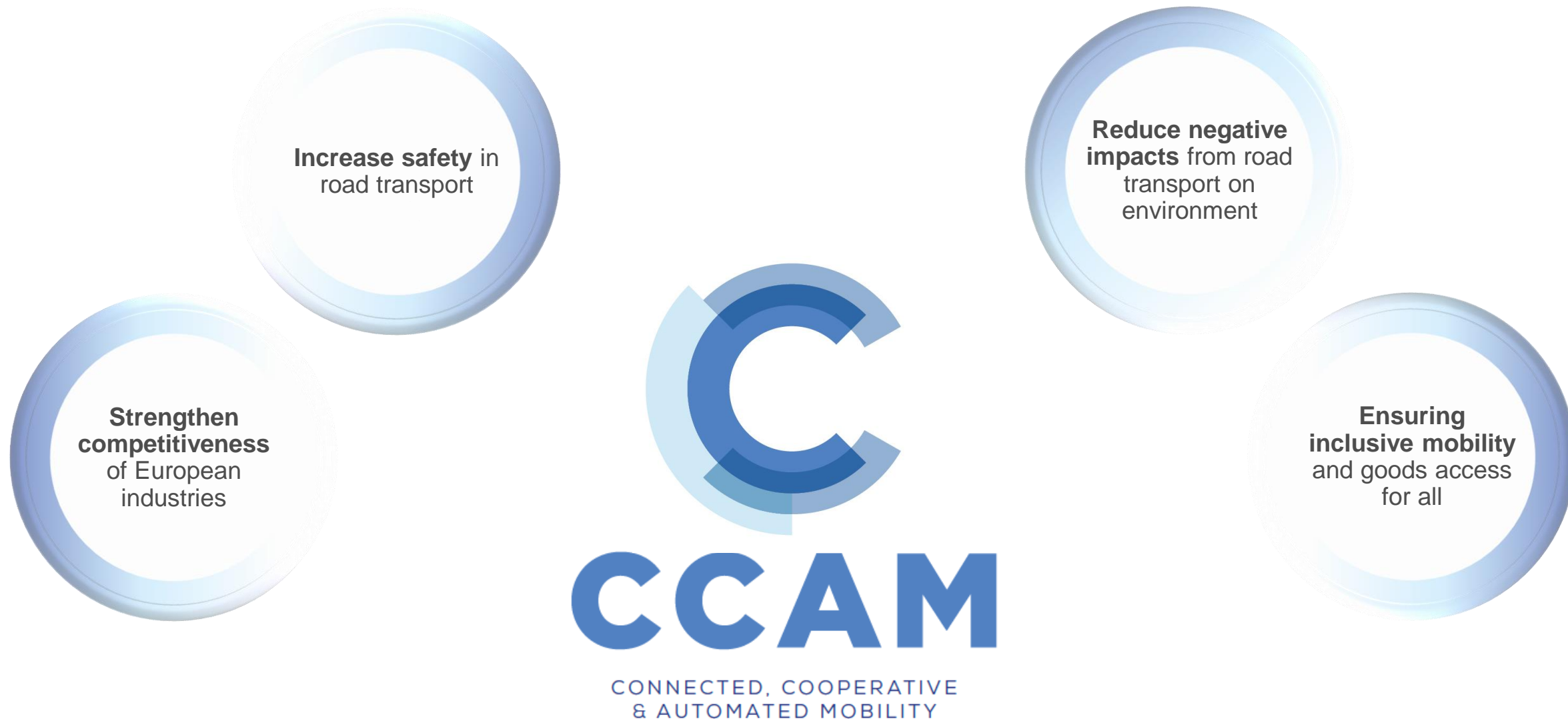


LinkedIn [@ccam-association](https://www.linkedin.com/company/ccam-association)



YouTube  
[channel](https://www.youtube.com/channel/CCAM)





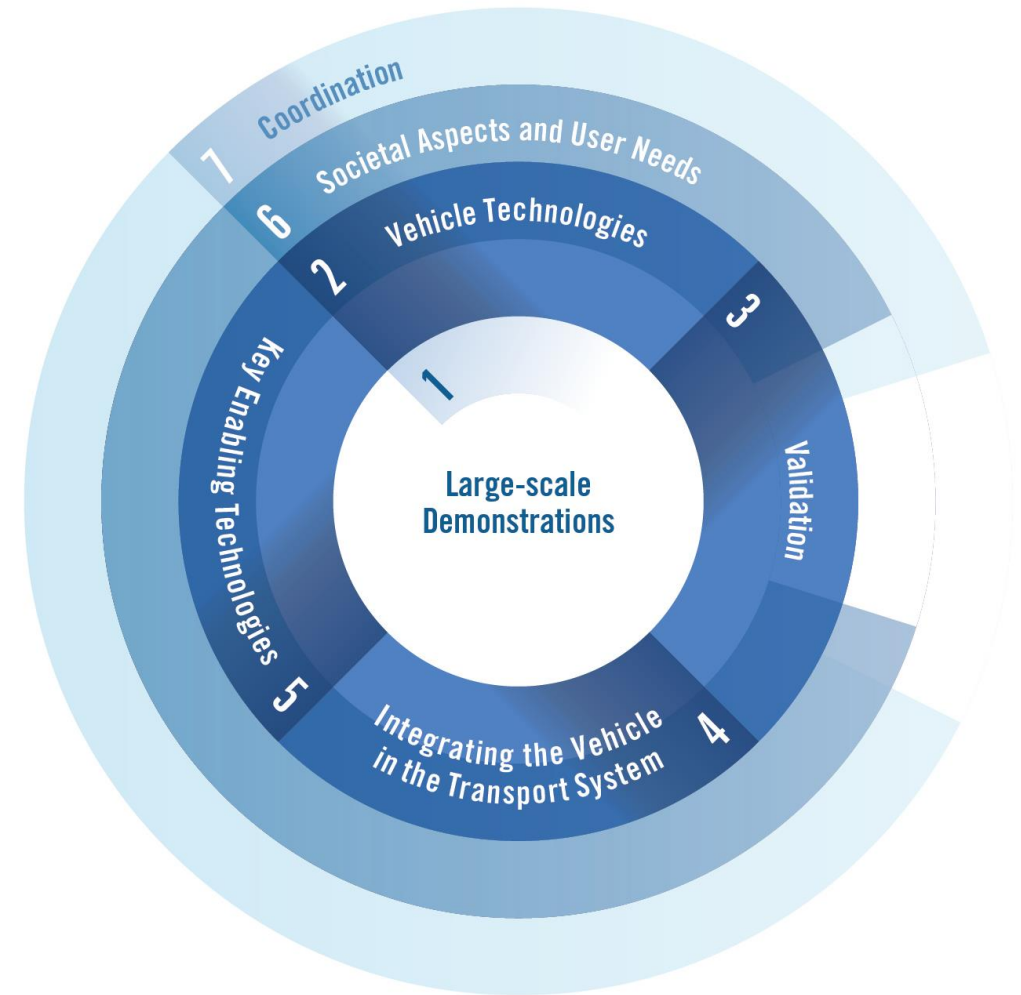
**EUROPEAN LEADERSHIP IN SAFE AND SUSTAINABLE ROAD TRANSPORT  
THROUGH AUTOMATION**

# CCAM CLUSTERS

Successful implementation requires understanding:

- the **user needs and societal aspects** of mobility
- technical details, contributions, requirements and risks from **key enabling technologies**
- the overall **transport system** requirements and set-up
- what **vehicle technologies** are required and how to implement them
- how to **validate** safe system functioning

Finally **demonstrate** all aspects at a **large scale**





# CCAM SRIA: OPERATIONAL OBJECTIVES

Common methodologies available to validate the safe system function of CCAM use cases by 2026.

Accepted safety standards for automated mobility on public roads by 2027.

Enable trustworthy interaction between all traffic participants and CCAM by 2028.

Large-scale demonstration of user-oriented and well-integrated CCAM solutions for mobility of people and goods in at least 30 demonstration sites across Europe by 2030.

Societal impacts are sufficiently addressed and assessed by 2030.

Increased public awareness of demonstrated benefits for users and society by 2030.

In 2021, establish a long-term coordination framework for R&I and large-scale testing activities.

Improved synergies for public and private implementation plans to deploy CCAM solutions by 2027.

A common evaluation framework fostering exchange and reuse of R&I results by 2024.

Exploit new and emerging knowledge fields for large scale demonstrations in 2027.

Expand and disseminate the knowledge base on CCAM solutions during the entire Partnership duration.

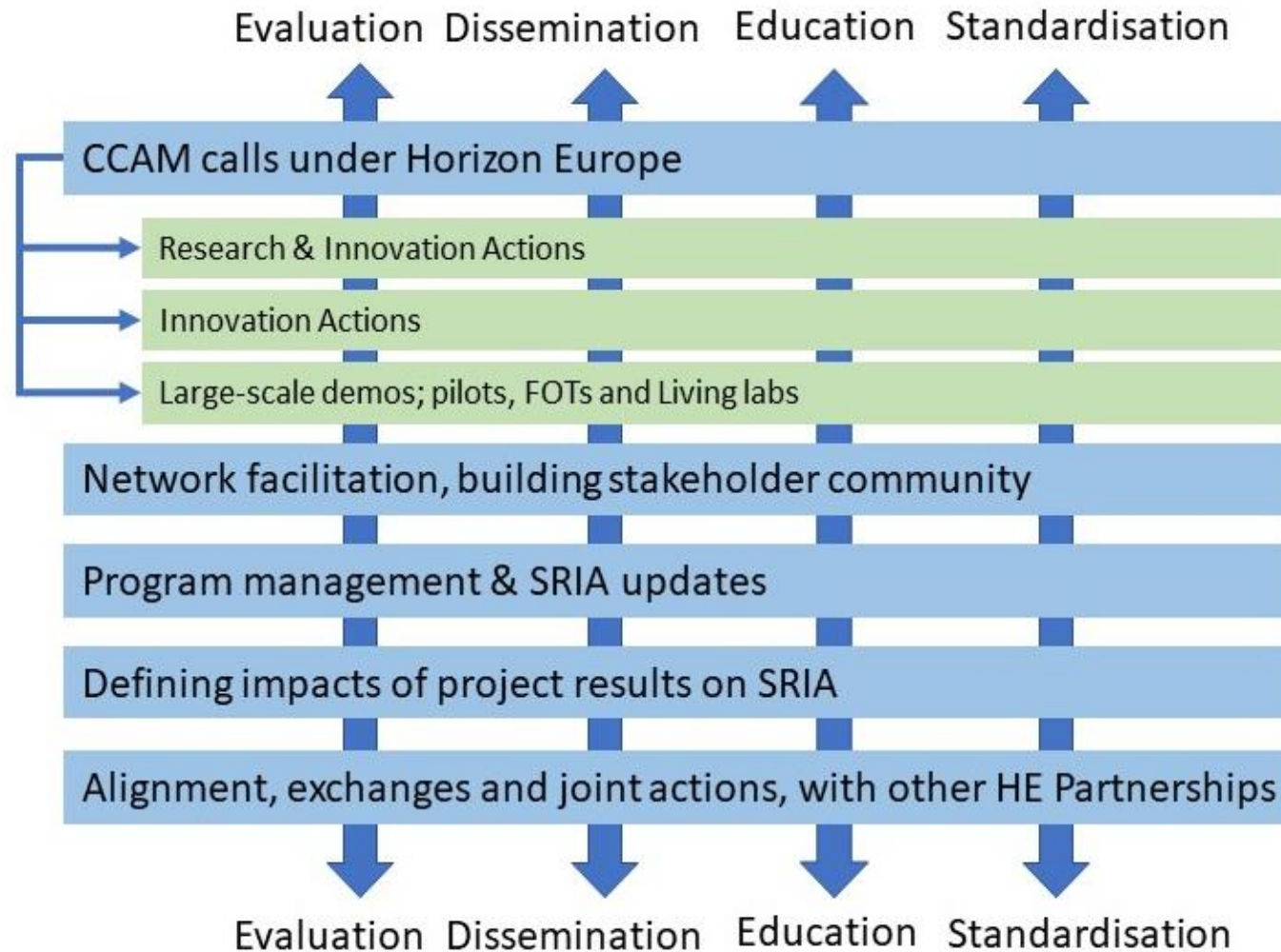
SO1: Validated safety and security, improved robustness and resilience of CCAM technologies and systems.

SO2: Secure and trustworthy interaction between road users, CCAM and “conventional” vehicles, infrastructure and services to achieve safer and more efficient transport flows (people and goods) and better use of infrastructure capacity.

SO3: High public acceptance and adoption of CCAM solutions by 2030 with a clear understanding of its benefits and limits as well as rebound effects.

SO4: Better coordination of public and private R&I actions, large-scale testing and implementation plans in Europe.

# CCAM PARTNERSHIP IMPLEMENTATION: ACTIVITIES





# TIMING AND RESEARCH TOPICS FOR THE FIRST WORK PROGRAMME 2021-2022

Topic #	CCAM Cluster	Topic title	Year	Type of action	Budget (EUR million)	# of projects expected to be funded
HORIZON-CL5-2021-D6-01-01	2	More powerful and reliable on-board perception and decision-making technologies addressing complex environmental conditions	2021	IA	15	2
HORIZON-CL5-2021-D6-01-02	3	Common approaches for the safety validation of CCAM systems	2021	RIA	15	1
HORIZON-CL5-2021-D6-01-03	4	Physical and Digital Infrastructure (PDI), connectivity and supporting CCAM	2021	IA	18	2
HORIZON-CL5-2021-D6-01-04	5	Cyber secure and resilient CCAM	2021	RIA	12	2
HORIZON-CL5-2021-D6-01-05	6	Analysis of socio-economic and environmental impact assessment, societal, citizen and user aspects for needs based CCAM solutions	2021	RIA	8	2
HORIZON-CL5-2021-D6-01-06	7	Framework for better coordination of large-scale demonstration pilots in Europe and EU-wide knowledge base	2021	RIA	6	1

CLOSED

Call open: 24 June 2021 – 19 October 2021

# TIMING AND RESEARCH TOPICS FOR THE FIRST WORK PROGRAMME 2021-2022

Topic #	CCAM Cluster	Topic title	Year	Type of action	Budget (EUR million)	# of projects expected to be funded
HORIZON-CL5-2022-D6-01-01	1	European demonstrators for integrated shared automated mobility solutions for people and goods	2022	IA	50	2
HORIZON-CL5-2022-D6-01-02	2	Reliable occupant protection technologies and HMI solutions to ensure the safety of highly automated vehicles	2022	RIA	8	1
HORIZON-CL5-2022-D6-01-03	3	Human behavioural model to assess the performance of CCAM solutions compared to human driven vehicles	2022	RIA	8	1
HORIZON-CL5-2022-D6-01-04	4	Integrate CCAM services in fleet and traffic management systems	2022	IA	10	2
HORIZON-CL5-2022-D6-01-05	5	Artificial Intelligence (AI): Explainable and trustworthy concepts, techniques and models for CCAM	2022	RIA	12	2

Call open: 14 October 2021 – 12 January 2022

# BENEFITS FOR MEMBERS

Be informed and contribute to design the topics of the CCAM calls for projects to be published under Horizon Europe.

Network with other stakeholders highly involved in collaborative research for CCAM at international level.

Follow up the Partnership projects results and participate to the update of the CCAM Strategic Research and Innovation Agenda (SRIA).

Get informed and support joint actions with other European Partnerships and linking with national activities.

Contribute to the European standardisation and regulation development.

# HOW TO JOIN?

CCAM - Connected, Cooperative and Automated Mobility Association - A.I.S.B.L.  
66 Avenue de Cortenbergh, 1000 Brussels, Belgium



**CCAM Association**

## Membership Application Form

By completing and signing this form, the applicant agrees to become a Member and commits to respect the Statutes of the CCAM Association. The application procedure is defined in article 6 and the applicant must fulfil all the eligibility criteria defined in article 5.1.

The applicant must indicate the membership category requested and commits to pay the associated membership fee.

The membership will take effect from the date of the approval of the membership admission by the General Assembly.

### Part A - Contact details

Organisation Name	
Address	
Contact Person	
Position	
Telephone	
E-mail	

### Part B - Invoicing details

Organisation Name required on invoice	
VAT Number	
Address required on invoice	
Postal address if different	
Reference required on invoice, if any	
Contact Person	
E-mail	

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### Part C - Membership category and fee

(X) Please tick the box in front of the membership category you apply for.  
Refer to the article 5.2 of the Association Statutes for the definitions of the categories.

#### 5.2.1. Industry

<input type="checkbox"/> 5.2.1.1. Automotive manufacturers	5.000€
<input type="checkbox"/> 5.2.1.2. Automotive supply chain	5.000€
<input type="checkbox"/> 5.2.1.3. Physical and digital infrastructure	5.000€

#### 5.2.2. Research

<input type="checkbox"/> 5.2.2.1. Universities	1.000€
<input type="checkbox"/> 5.2.2.2. Research institutes, R&D providers	3.500€

#### 5.2.3. Services

<input type="checkbox"/> 5.2.3.1. Public transport operators	3.500€
<input type="checkbox"/> 5.2.3.2. Mobility providers for the transport of passengers	3.500€
<input type="checkbox"/> 5.2.3.3. Freight and logistics services and users	3.500€
<input type="checkbox"/> 5.2.3.4. Other services: insurance, maintenance, repair, etc.	3.500€

#### 5.2.4. Public authority

<input type="checkbox"/> 5.2.4.1. National Ministry	1.000€
<input type="checkbox"/> 5.2.4.2. National transport authority, road authority, road operator	1.000€
<input type="checkbox"/> 5.2.4.3. Local and regional authorities and transport authorities	1.000€

#### 5.2.5. Association

<input type="checkbox"/> 5.2.5.1. Stakeholder representation association at European level	1.000€
<input type="checkbox"/> 5.2.5.2. Platform or cluster at national or regional level	1.000€
<input type="checkbox"/> 5.2.5.3. Civil society representation	1.000€

Reduced membership fee available for SMEs:

<input type="checkbox"/> I request to be applied the special rate for SMEs	1.000€
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Available only to Small and Medium Enterprises respecting the SME definition set by the European Commission: *employing fewer than 250 persons; and having either an annual turnover not exceeding EUR 50 million or an annual balance sheet total not exceeding EUR 43 million.*

I have been authorised to sign on behalf of my organisation.  
I have read and I agree with the Statutes of the CCAM Association.

Date  Signature

Check the Statutes



Fill in the application form



Email it to:  
[marzena.jougounoux@ccam.eu](mailto:marzena.jougounoux@ccam.eu)



Approval at the next GA 14/12



Membership fee in 2022





# THANK YOU!

Contact: [marzena.jougounoux@ccam.eu](mailto:marzena.jougounoux@ccam.eu)

[twitter.com/CCAM\\_EU](https://twitter.com/CCAM_EU)

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