



CCAM

CONNECTED, COOPERATIVE
& AUTOMATED MOBILITY

MULTICLUSTER MEETING

25 MARCH 2025

ccam.eu

OPENING REMARKS

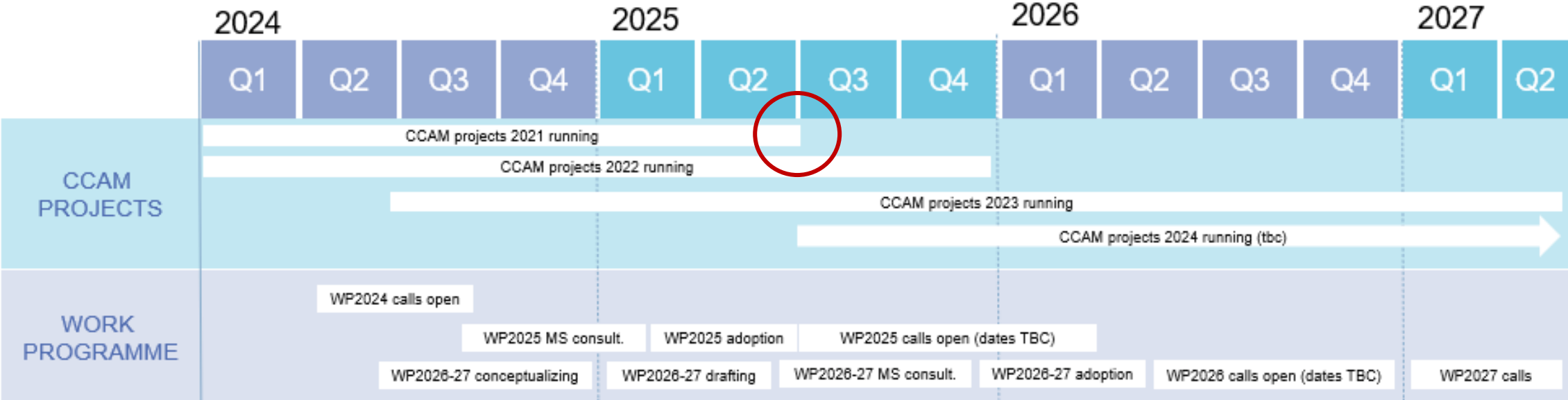
by Andrea de Candido, EC DG RTD

OPENING REMARKS

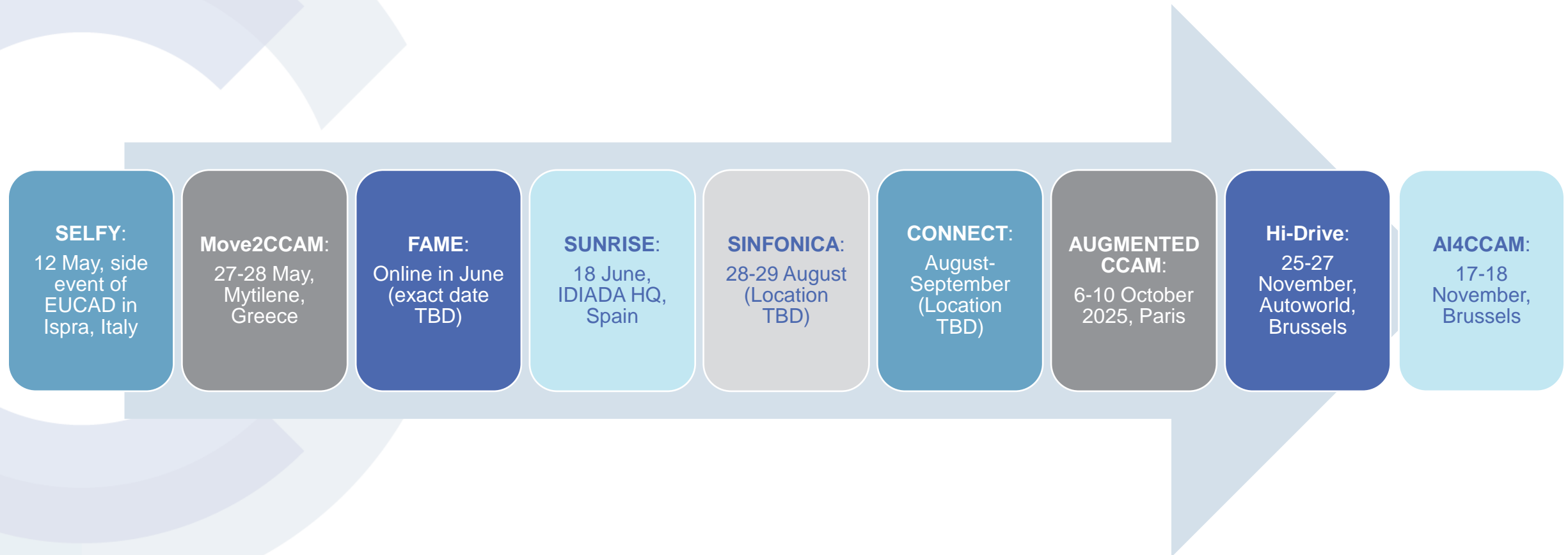
by **Christian Merkt**,
BMW/CCAM Association Chairman

WHERE ARE WE RIGHT NOW IN TERMS OF PROJECTS?

CCAM PARTNERSHIP TIMELINE



SAVE THE DATE IN 2025: CCAM PROJECTS' FIRST FINAL EVENTS



WHERE ARE WE RIGHT NOW IN TERMS OF PROGRAMME?

WP25

Internal
networking event
this morning

Adoption by the
EC: May 2025
(pre-publication:
April)

Open for project
submission in 3rd
or 4th quarter of
2025

WP26-27 with LSDemos

Members
consultation
webinars on
24/02 and 03/03
+ 17/03

31/03: Deadline to
submit the
revised version
to the EC

Back-and-forth
with the EC till
mid-2025

FP10

What continuation
for the CCAM
Partnership?

CCAM
Association
Position Paper
on FP10

Automotive Action
Plan mentions
one automotive
JU

FRAMING CONDITIONS

COOPERATION WITH CITIES & REGIONS

by Gereon Meyer,
EPoSS / CCAM Association Executive Group member

Introduction

Key Objectives (see SRIA):

- Co-develop, deploy and scale up real-world solutions.
- Embed CCAM in sustainable urban/regional mobility to boost efficiency, safety, inclusivity, climate goals.
- Explore urban/regional needs and feed those back into technology development
- Support local authorities in leading harmonised deployment aligned with policies and standards.
- Help cities define and scale Operational Design Domains (ODDs) for complex urban settings.
- Promote urban/regional CCAM use cases like last-mile delivery, automated shuttles, and MaaS integration.
- Foster inclusive stakeholder engagement and public-private collaboration for societal readiness.



Content Approach



Joint Call with the Cities Mission:

HORIZON-MISS-2023-CIT-01-01: Co-designed smart systems and services for user-centred shared zero-emission mobility of people and freight in urban areas.

Expected Outcomes (select):

- Co-designed mobility solutions that meet urban needs and support climate goals
- Transferable innovations combining electrification, automation, connectivity
- Modular, scalable solutions that can be adapted across climate-neutral cities
- Capacity building to implement and assess smart, zero-emission mobility
- Replication plans for deploying smart mobility infrastructure (e.g. connectivity)
- Policy contributions to update urban mobility strategies and research agendas

Projects:

- metaCCAZE (ERTICO) > Lead Cities: Amsterdam, Munich, Limassol, Tampere
- MOBILITIES FOR EU (CARTIF) > Lead Cities: Madrid, Dresden

Instrument Approach



Cooperation Working Arrangement

between 2Zero Partnership and Regione Piemonte (Italy) in Dec. 2024

Rationale:

- Aligning Piemonte's regional R&I priorities with 2Zero partnership's objectives to accelerate zero-emission road transport.
- Establishing synergies between EU-level (Horizon Europe) and regional funding (ERDF) for innovation and regional development.
- Maximizing scientific, socioeconomic, and environmental outcomes and impacts through coordinated EU-regional investments.
- Fostering joint funding opportunities for training, innovation, technology transfer.
- Ensuring Piemonte's innovation ecosystem remains aligned with the European Green Deal and 2Zero SRIA.
- Development of a Common Technical Roadmap aligned with EU objectives, leading to regional funding calls that complement EU initiatives.

Opportunities & Limits

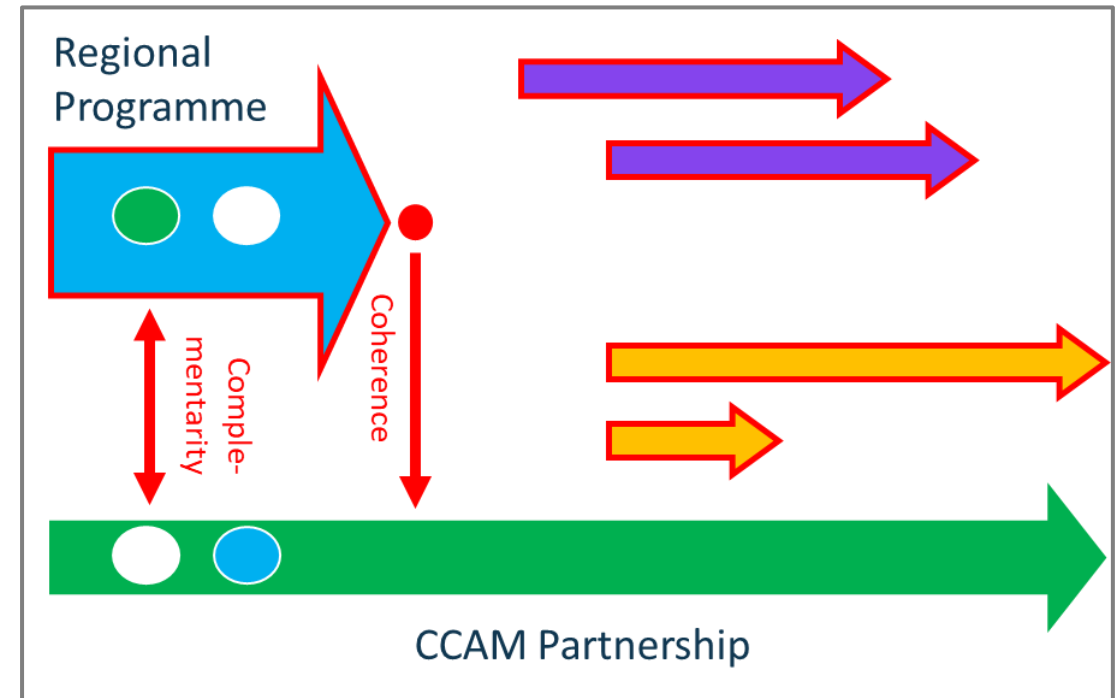
Insights from the STREnGth_M project on alignment between EU, national and regional funding programmes:

Chances:

- Reflect urban/regional needs in tech
- Adapt solutions to local demand
- May help solve regulatory issues
- Create synergy by resource bundling
- Involve regional stakeholders / SMEs

Issues:

- Regional differences cause complexity
- National or regional interests may deviate from European ones
- Funding programmes may differ in timing, focus and volume
- Local competences and awareness may be limited



Task 3.3: Assess the potentials of national and regional roadmaps and find synergies at roadmap and project level

Approach & Methodology

Potential key areas of collaboration between the CCAM Partnership and cities/regions:

- Defining operational and technical requirements to tailor urban infrastructure to CCAM
- Integrating CCAM into transport management systems to ensure seamless operations
- Testing and scaling urban CCAM pilots to evaluate real-world impacts
- Identifying approaches to make CCAM solutions fit for cities/regions
- Establishing governance models that balance innovation, regulation, and public
- Measuring impact on efficiency, safety, environment, labor and social acceptance

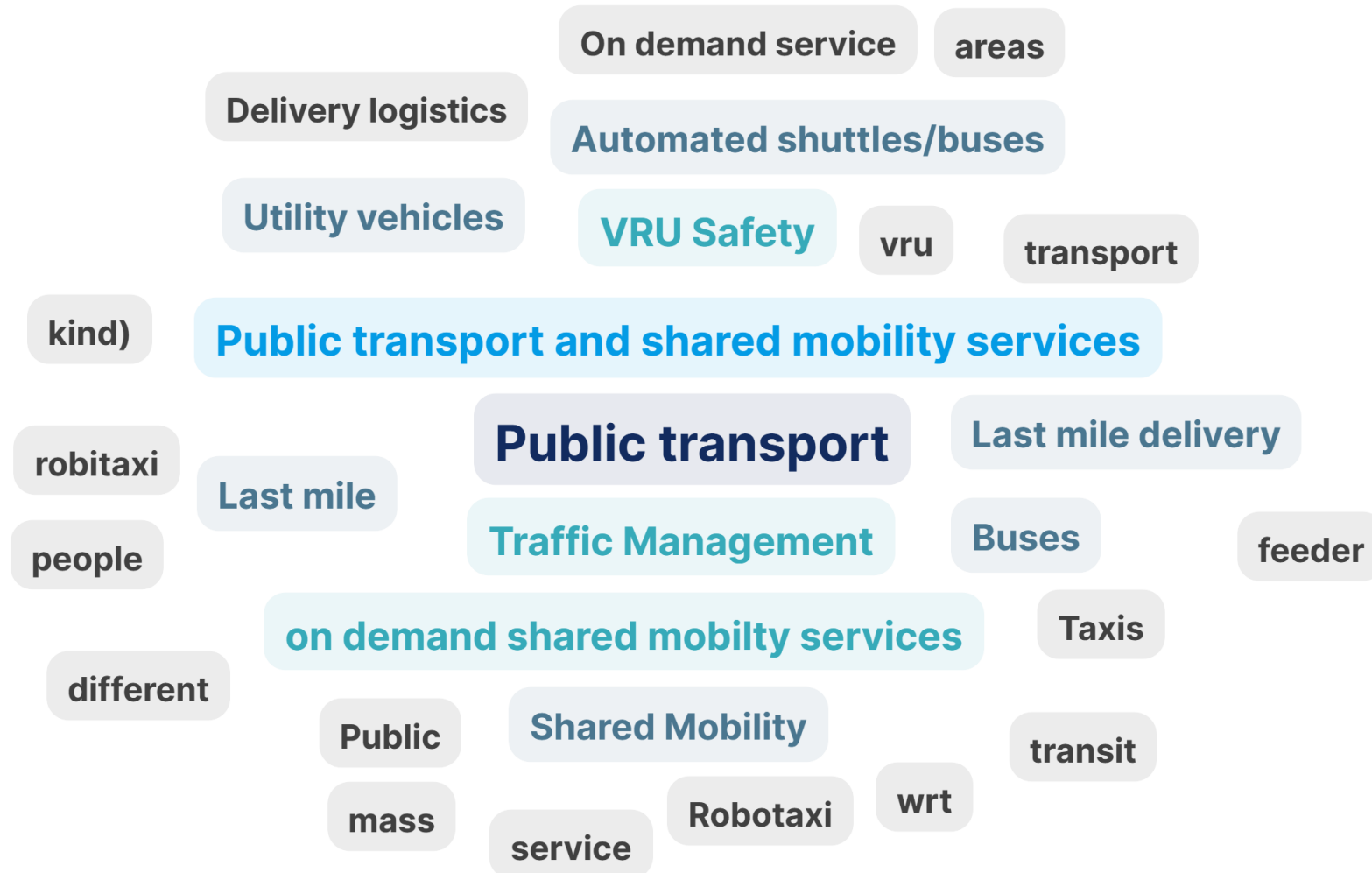


Call for expression of interest to cities/regions entering into closer collaboration at a strategic roadmap /funding programme level (see later)



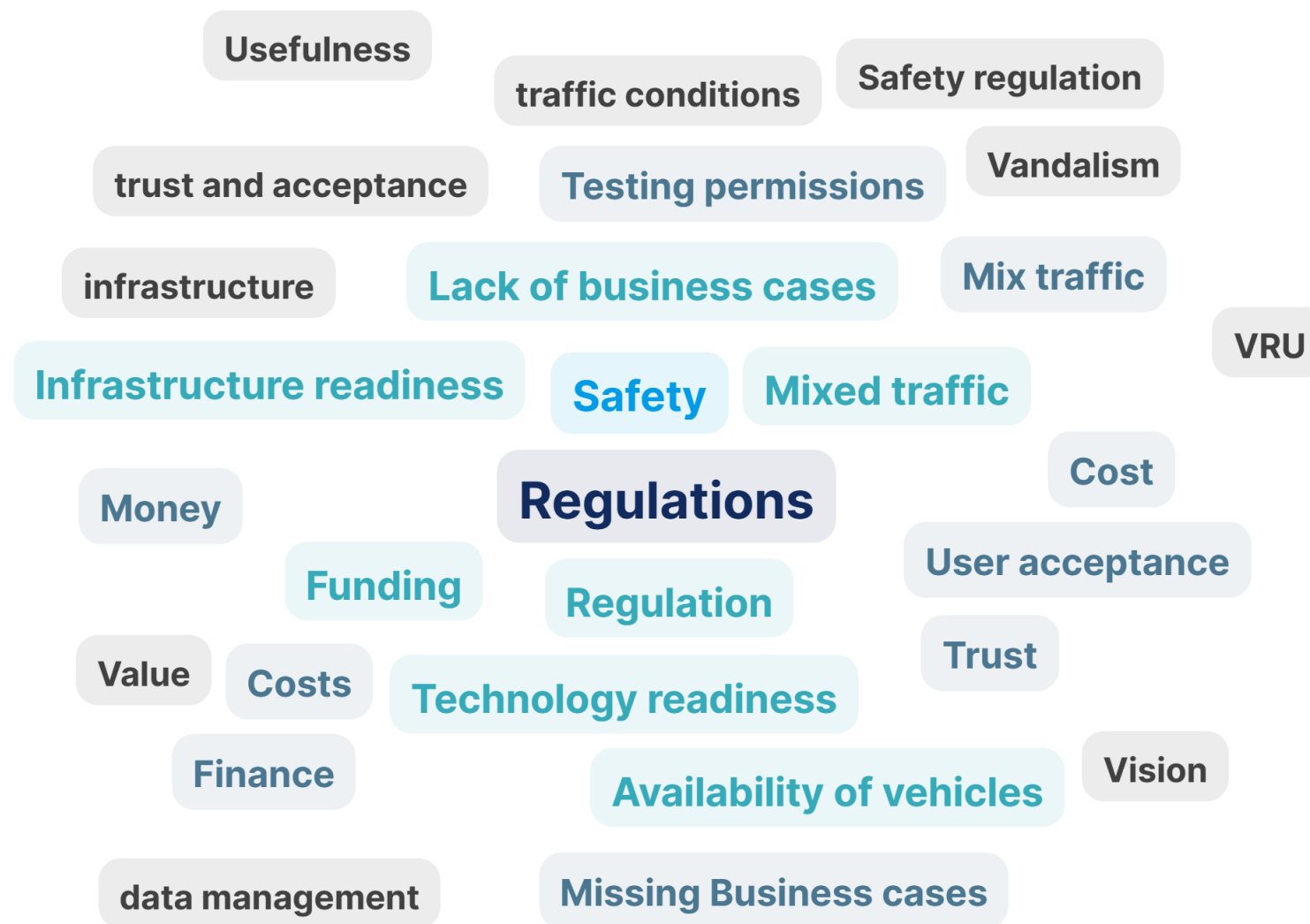
Which are the most relevant CCAM use cases in cities?

Wordcloud Poll 160 responses 78 participants





83 participants



WHAT CAN CCAM BRING TO CITIES & REGIONS?

PLENARY SESSION

WHAT CAN CCAM BRING TO CITIES & REGIONS?

- **Françoise Guaspare**, Ile-de-France Mobilités/Cities Mission
- **Wolfgang Backhaus**, Rupprecht Consult/Net Zero Cities
- **Laura Babío**, POLIS
- **Kristine Bull Sletholt**, City of Stockholm Transport Department
- **Tobias Brzoskowski**, NMS New Mobility Solutions Hamburg

Moderated by **Marzena Jougounoux**, CCAM Association
& **Dimitris Milakis**, DLR/CCAM Executive Group member



EUROPEAN UNION



EU MISSIONS

CLIMATE-NEUTRAL & SMART CITIES

Concrete solutions for our greatest challenges



#EUmissions #HorizonEU #MissionCities



Objectives

1. Deliver at least 100 climate-neutral and smart European cities by 2030
2. Ensure that these cities act as experimentation and innovation hubs to put all European cities in a position to become climate neutral by 2050



**EU
MISSIONS**

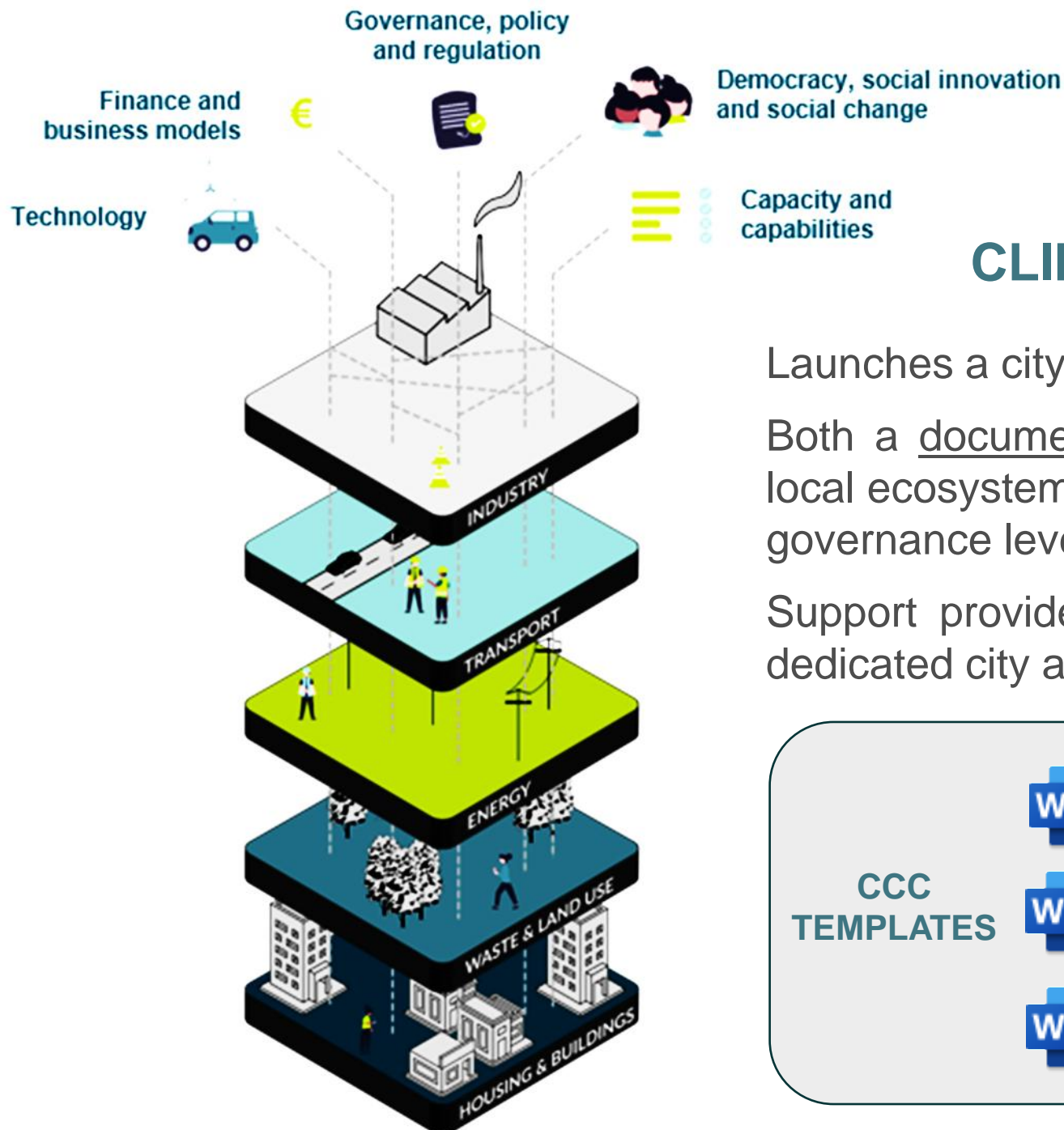
Mission Cities

100 cities from the European Union covering 12% of population

+

12 cities from
associated countries

selected from
377 applicants



CLIMATE CITY CONTRACT (CCC)

Launches a city's journey to become climate-neutral by 2030

Both a document and a process for iterative co-creation with local ecosystem and stakeholders across sectors and at various governance levels

Support provided by the NetZeroCities Mission Platform and dedicated city advisors

CCC
TEMPLATES



Commitments



Action
Plan



Investment
Plan

Read the CCC
of the 'labelled' cities

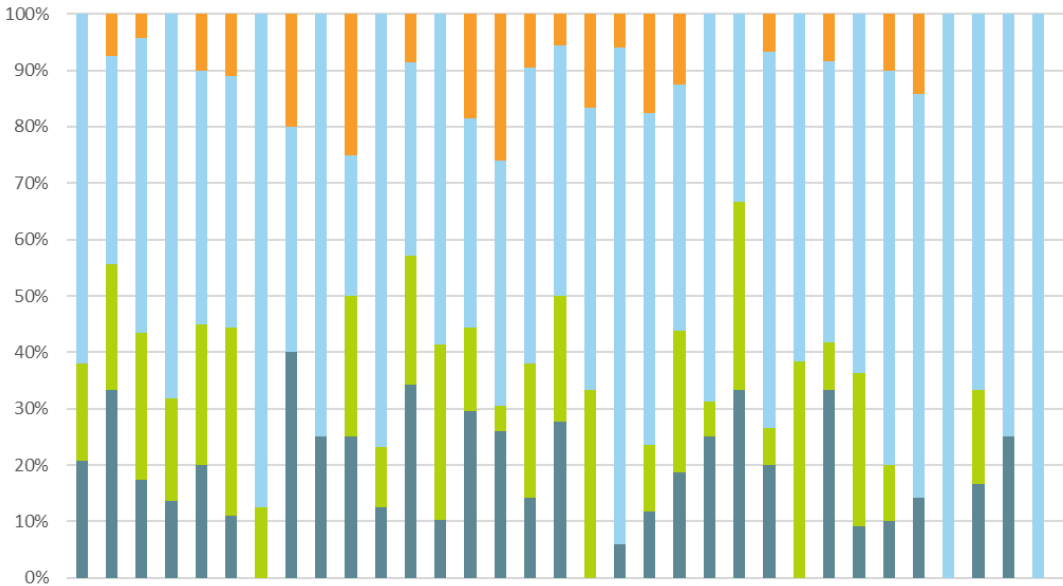
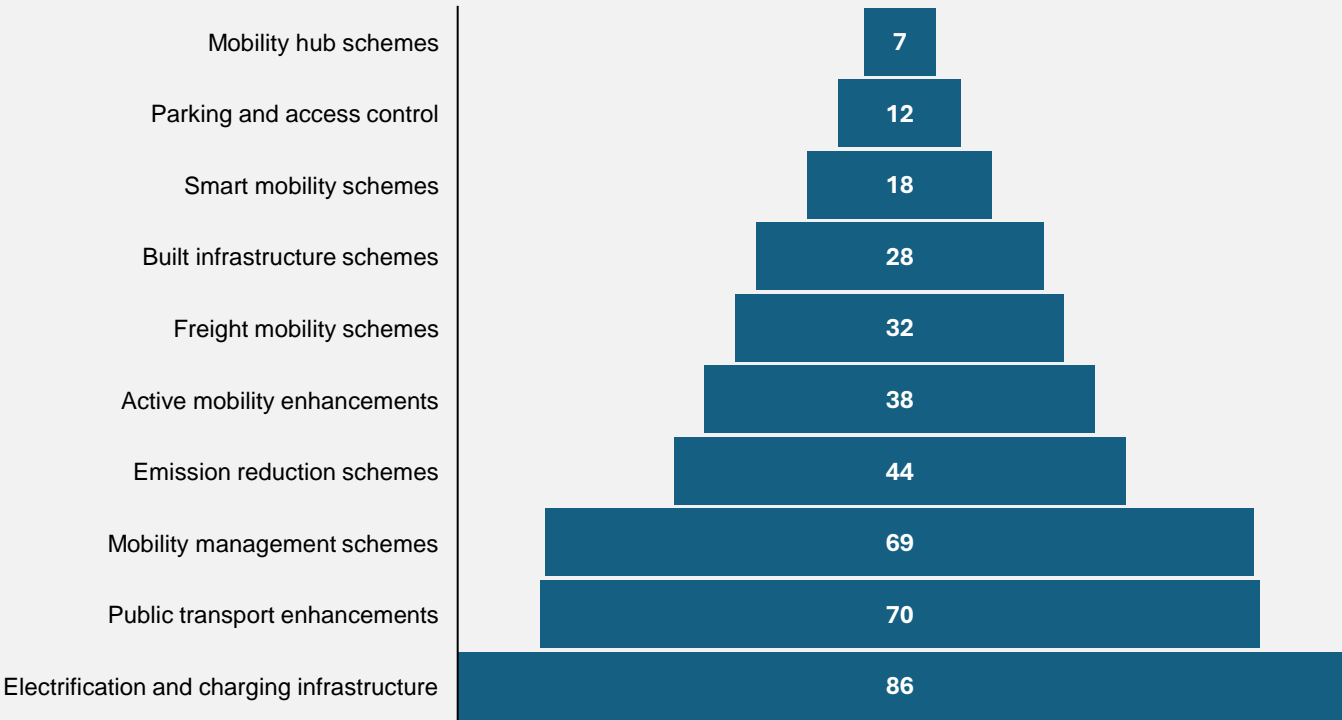


[HERE](#)

Climate City Contracts – Action Plans for 2030



Types of 'Technological Innovation and Infrastructure' Initiatives (Source: CCC Reports)



- Other barriers
- Institutional
- Infrastructural/tech
- Behavioural

Identified barriers
(33 CCCs) →

AP-Measures
← (53 CCCs)

Institutional
Multi-level Governance / Regulation
Cross-sectoral collaboration
New Business Models / joint / innovative financing
Monitoring - data driven decision making
Urban Mobility Labs / experimental set-up / co-creation



Opportunities for cities and regions on CCAM topics

Laura Babio Somoza

Traffic efficiency cluster lead



Opportunities

- Living labs for innovation
- Advancing multimodality & accessibility
- Supporting decarbonisation
- Addressing driver shortages
- Building public trust & acceptance
- Enhancing public authorities & industry cooperation

Challenges

- Technology & automation readiness
- Uncertainty of benefits limits integration in long-term strategies
- Existing infrastructure & digitalisation gaps
- Regulatory & governance fragmentation
- Coordination complexity



From Vision to Reality: Testing Autonomous Mobility

(Public) Passenger Transport



Project ALIKE

Autonomous on-demand-shuttles
A-to-B Service



Project ahoi

Autonomous on-demand-shuttles
Last Mile Service

Freight Transport



EU-Project MODI

Connectivity as an Enabler for
Autonomous Driving

Status Quo:

- 3 Projects: ALIKE, AHOI, MODI
- 3 Use Cases A-B Services, Last Mile Logistic

We are preparing:

- Strategy
- Approval process
- Financial Structure
- Infrastructure

But where is the product?

Next Steps:

→ Large Scale Demonstrator

We need to focus on developing the right product with the industry for the European market. Within these focus markets, other cities should contribute ideas and learn from the demonstrator.

BREAKOUT EXPLANATION

What cooperation can we establish between the CCAM Association and cities & regions?

Aspects for priorities:

6th floor, Room 6.2

Challenges:

7th floor, Rooftop

Approaches for success:

3rd floor, Room 3.3

Joint roadmap:

6th floor, Room 6.5

4 breakouts in parallel

2 timeslots of 30 minutes each
15:30-16:00 & 16:05-16:35

Everyone will be able to attend 2 breakouts

Free floating
Please select a different breakout if it is too crowded

In breakouts:

- Discussions and ideas

Captured by moderators on flipcharts

Flipcharts will be documented and shared with members
Outcomes will be summarized in the closing session



CONSOLIDATION AND NEXT STEPS

PLENARY SESSION

WHAT COOPERATION CAN WE ESTABLISH BETWEEN THE CCAM ASSOCIATION AND CITIES & REGIONS?

- What aspects would make cities and regions with their use cases a priority to work with first? by **Dimitris Milakis**, DLR
- How to tackle cities'/ regions' challenges with CCAM solutions? by **Margriet van Schijndel**, TUE
- What kind of approaches are key to make CCAM demonstrations in cities a success? by **Anna Larsson**, RISE
- Which aspects could a potential joint roadmap between CCAM and cities/ regions include? by **Gereon Meyer**, EPoSS

Moderated by **Christian Merkt**, BMW/CCAM Association Chairman

CCAM CALL FOR EXPRESSION OF INTEREST FOR CITIES AND REGIONS TO ENTER INTO A COLLABORATION

Who can apply?

- City governments looking to implement smart mobility solutions
- Regional authorities aiming to align development funds for CCAM to Horizon Europe calls

How to apply?

Interested cities and regions are invited to submit their expression of interest in the form of a one-page outline by the deadline of **1 June 2025**





CCAM

www.ccam.eu

THANK YOU!

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✕ @CCAM_EU



CCAM Association