

Increase safety in
road transport

**Reduce negative
impacts** from road
transport on
environment

**Strengthen
competitiveness**
of European
industries

**Ensuring
inclusive mobility**
and goods access
for all



CONNECTED, COOPERATIVE
& AUTOMATED MOBILITY

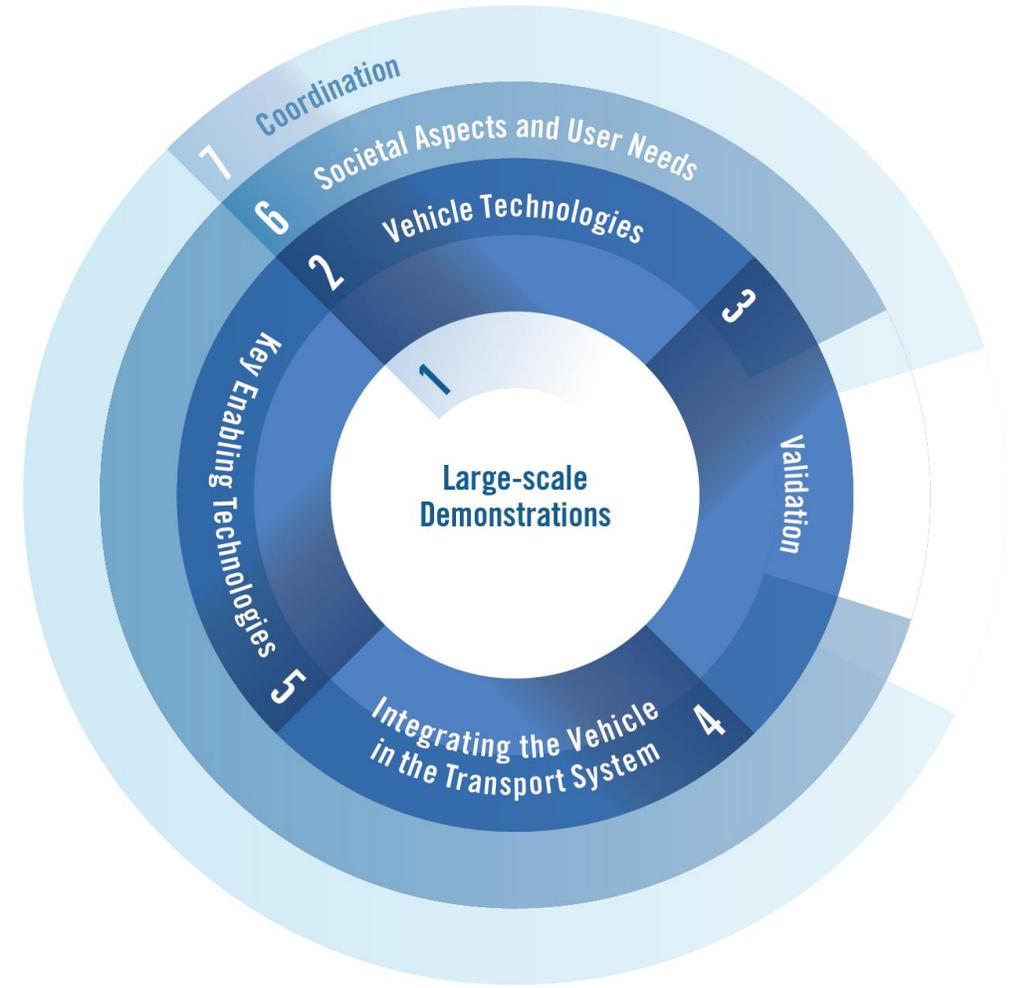
European leadership in safe and sustainable road transport through automation

CCAM Clusters

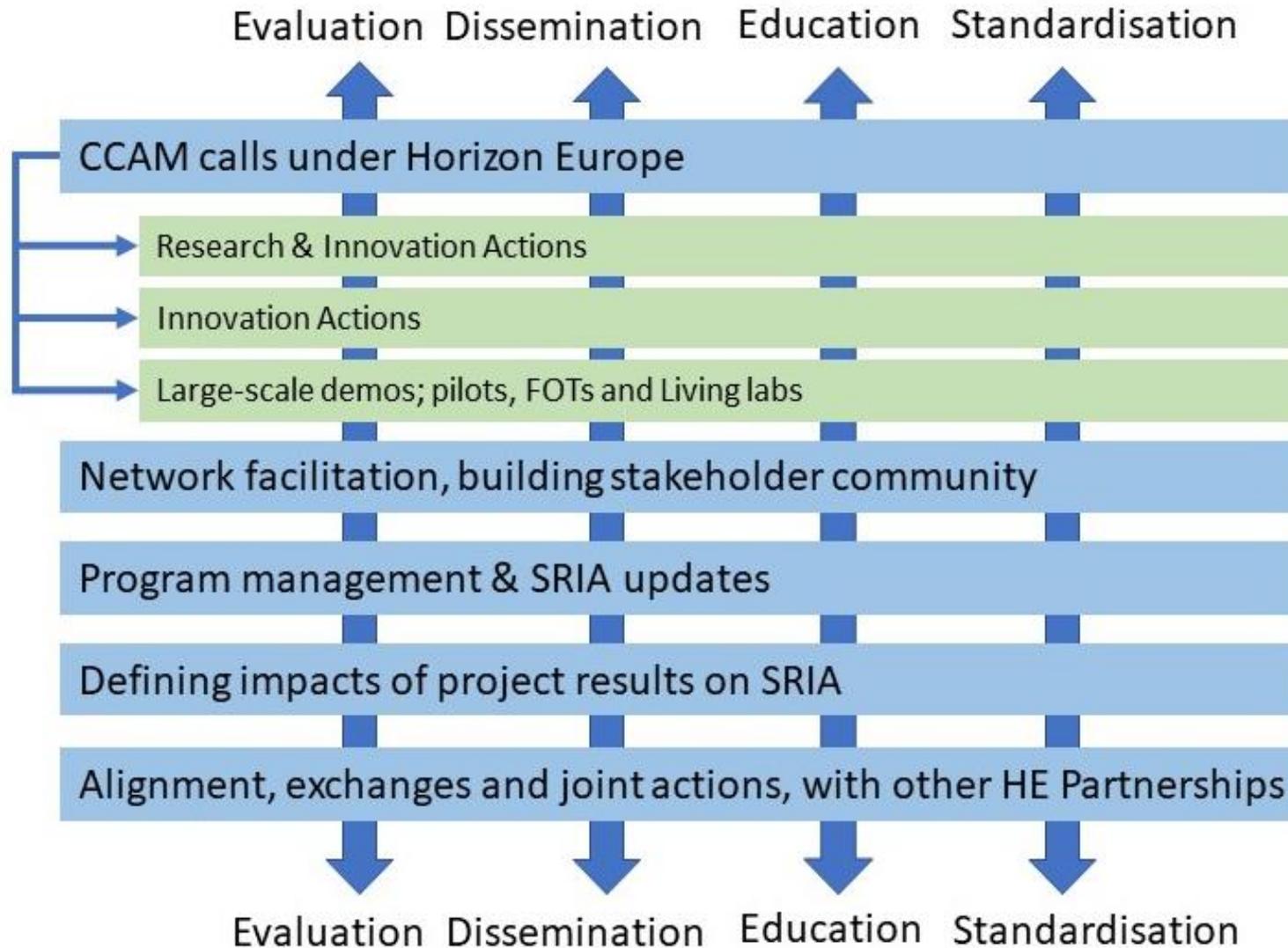
Successful implementation requires understanding:

- 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 Partnership Implementation: Activities



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 solution 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.



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