# CCAM Partnership and its links to the SDVoF Initiative

FEDERATE SDV Ecosystem Forum Networking Event 20.05.2025
Christian Merkt, CCAM Chair, BMW Digitalisation and Automated Driving

**ccam.eu**

# Great opportunities and high expectations on SDV. Smart Co-Design of SW and HW for CCAM.
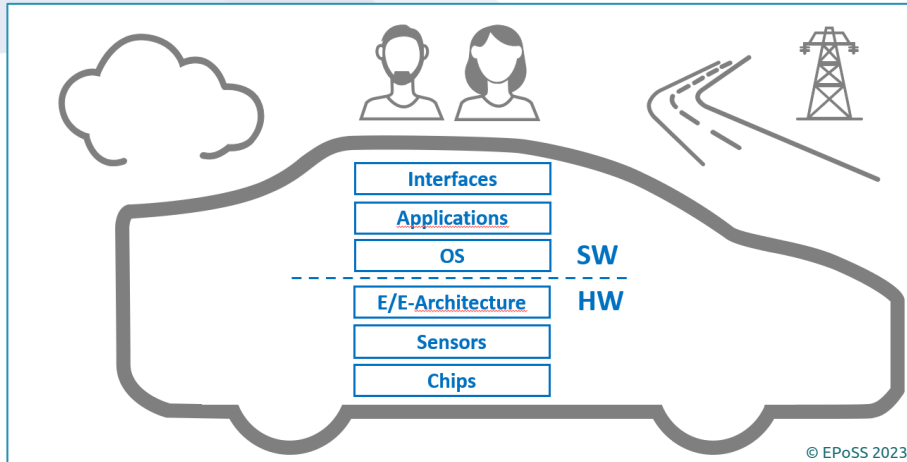


**Opportunities:**

- SW to decouple from HW

- optimizing usage, efficiency, reliability, safety, circularity of HW for CCAM.
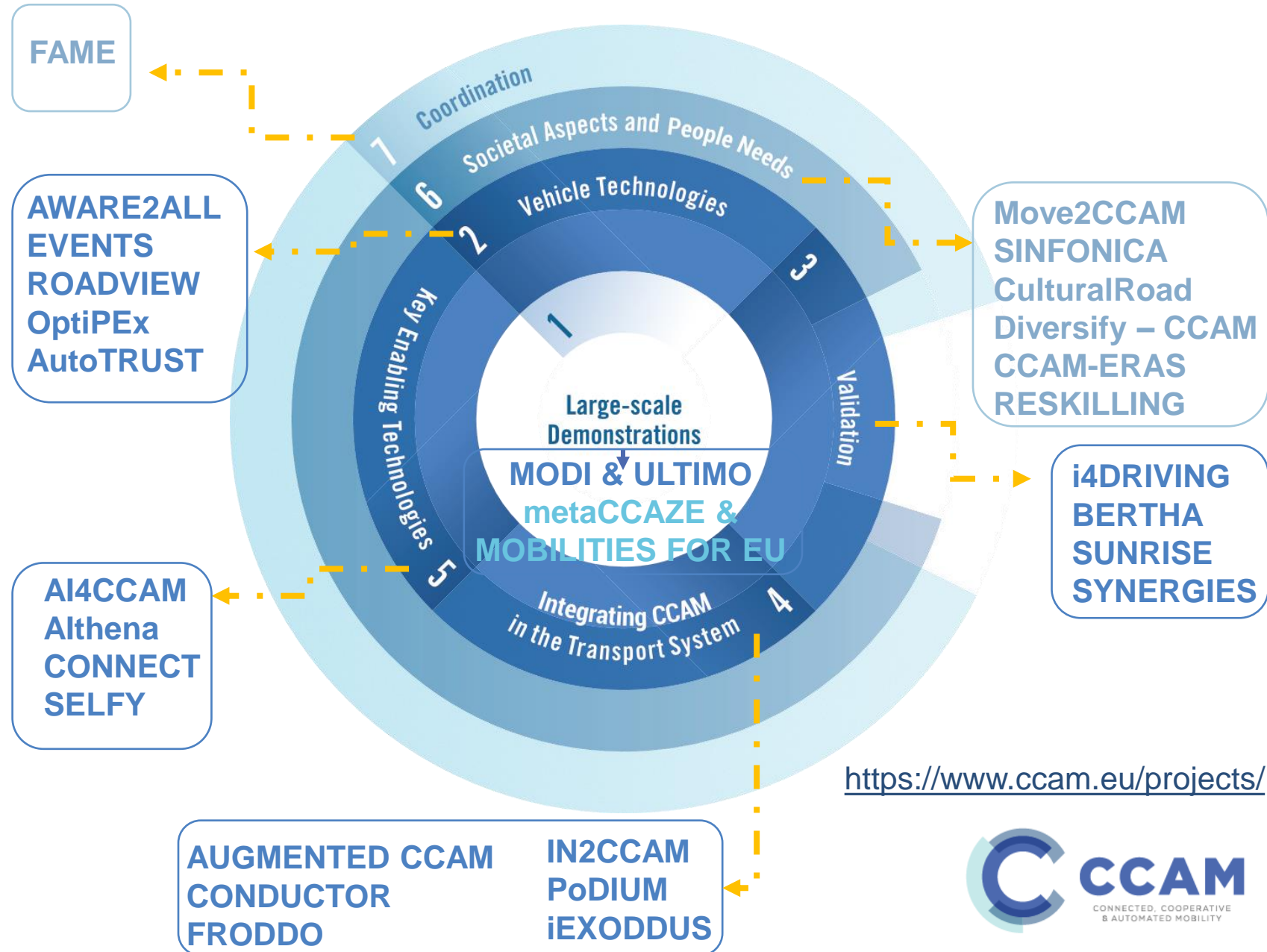
- The collaboration between CCAM and Chips JU has been outlined in the Strategic Research Agenda of the CCAM partnership.

- Under the competitive pressure, how to proceed, streamline and focus the further SDV research activities 2025-2027 and beyond ?
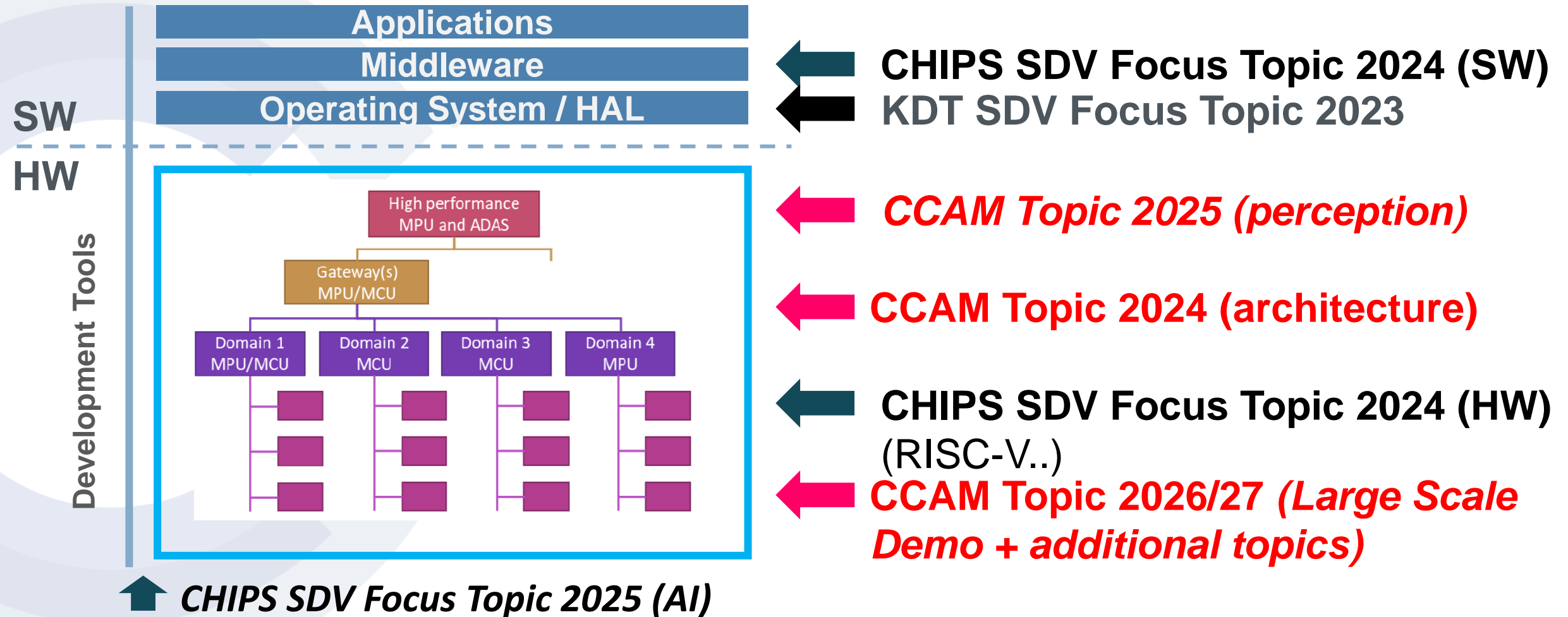
# Project overview in CCAM clusters

FAME

AWARE2ALL
EVENTS
ROADVIEW
OptiPEx
AutoTRUST

**Horizon Europe
Work Programme**

Destination Transport
and Smart Mobility
services
Calls 2021, 2022 &
2023 Projects

Coordination

Societal Aspects and People Needs

Vehicle Technologies

7

6

2

Key Enabling Technologies

1

Large-scale
Demonstrations
MODI & ULTIMO
metaCCAZE &
MOBILITIES FOR EU

3

Validation

5

Integrating CCAM
in the Transport System

4

Move2CCAM
SINFONICA
CulturalRoad
Diversify – CCAM
CCAM-ERAS
RESKILLING

i4DRIVING
BERTHA
SUNRISE
SYNERGIES

AI4CCAM
Althena
CONNECT
SELFY

https://www.ccam.eu/projects/

AUGMENTED CCAM
CONDUCTOR
FRODDO

IN2CCAM
PoDIUM
iEXODDUS

CCAM
CONNECTED, COOPERATIVE
& AUTOMATED MOBILITY

# SDVoF Call Landscape

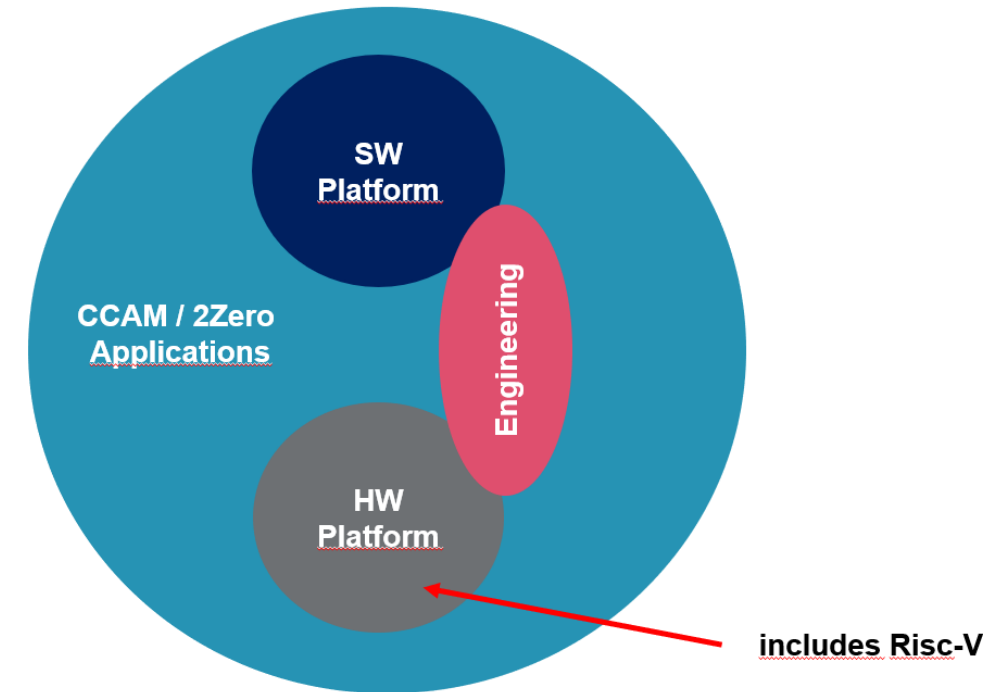# Challenges of fragmented priorities and outlook of SDVoF under Industrial Action Plan

➢ **Kick off European Connected and Autonomous Vehicle Alliance highly welcomed**

- Reaffirming opportunities of SDV / HW for CCAM Mobility
- Building on Chips JU / SDVoF and Horizon Europe Automotive Partnerships
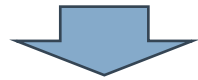
➢ **Coherent and consistent Digital EU Automotive Governance**

- from fragmented to focused priorities
- Industrial technology roadmap
- Strategy TOP down approach from industrial high level management addressing urgent actions
- Within the framework of EU competition rules
- Synchronized R&I SDVoF // CCAM Roadmap with relevant results

SW Platform

CCAM / 2Zero Applications

Engineering

HW Platform

includes Risc-V

CCAM

CONNECTED, COOPERATIVE & AUTOMATED MOBILITY

# Coordination and Streamlining Priorities.

**Overall Conception of Strategic Governance** (by EU Connected, Autonomous Vehicle Alliance)
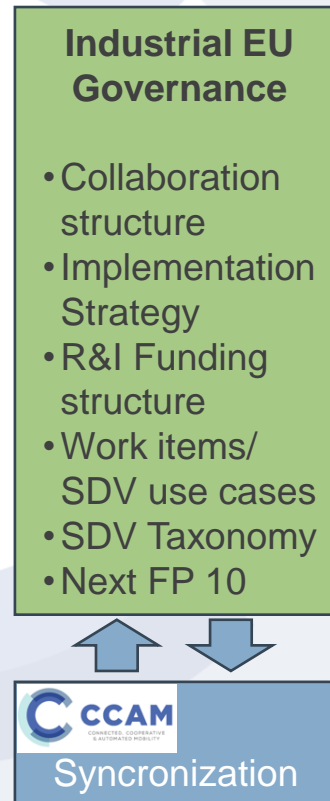
**Implementation: Technical Governance on Project level.**
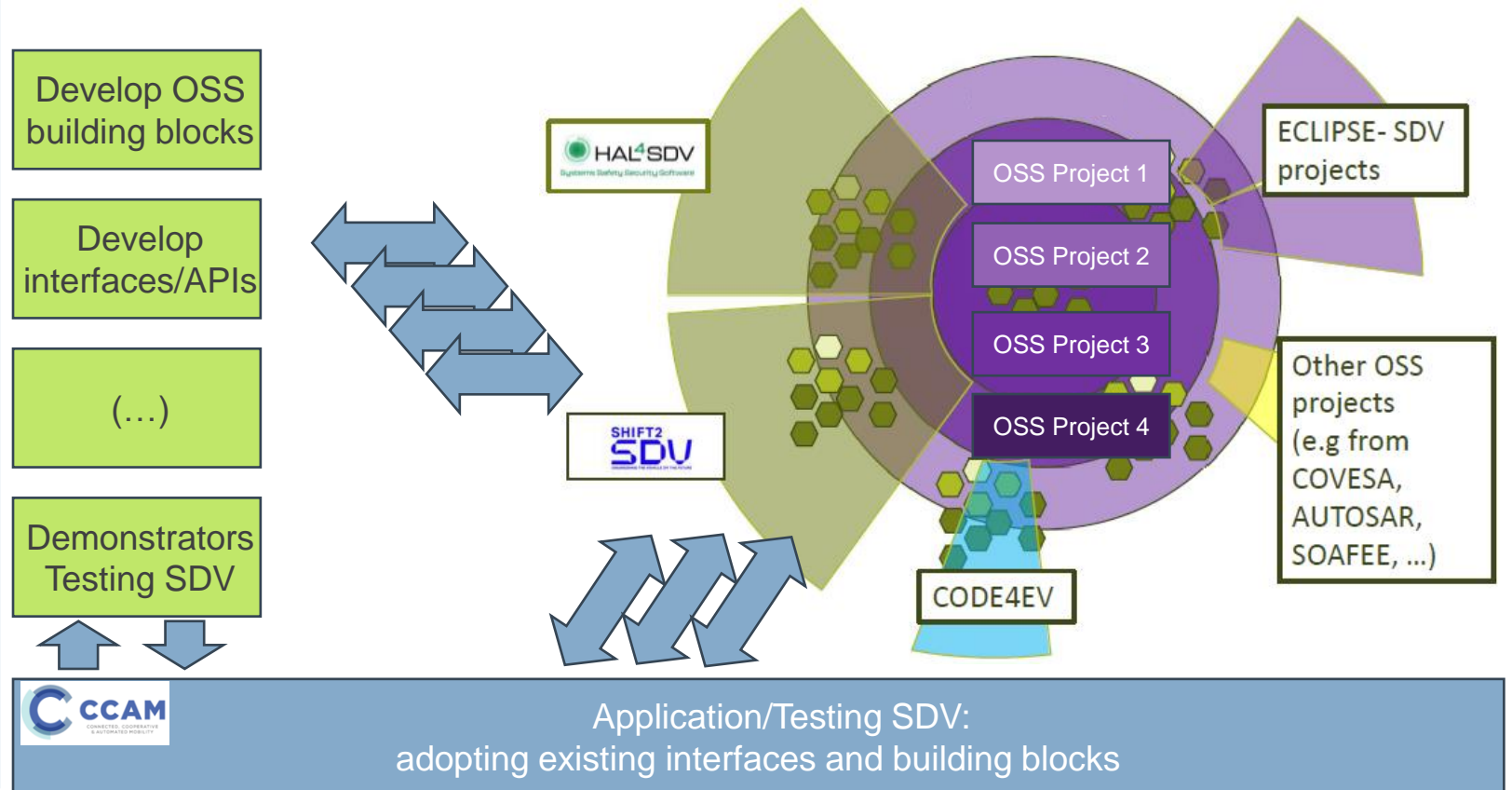
# CCAM

www.ccam.eu

# THANK YOU!

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