

Building Europe's Autonomous Mobility Ecosystem

Autonomous Driving: From Experimentation to a New Mobility

14 October 2026

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DG MOVE

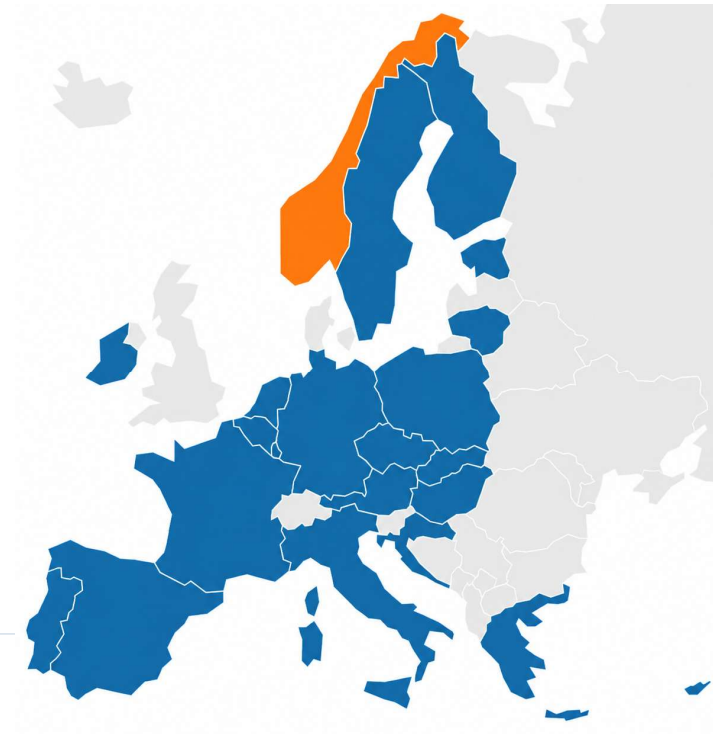


European
Commission

EU Testbed for the Deployment of Automated Vehicles

22

Countries (21 Member States + Norway) signed the Joint Declaration of Intent



1

REGULATORY ALIGNEMENT

Member States work on common approval principles and coordinated permitting procedures

2

FRONTRUNNERS DEPLOYMENT

Activities organised around use cases and operational needs in different European territories

REGULATION



DEMAND
AGGREGATION



MARKET CREATION



EUROPEAN SCALE



Use case agnostic

05



PUBLIC TRANSPORT

Shuttles, feeders, on-demand and rural or peri-urban services



FREIGHT & LOGISTICS

Hub-to-hub operations, TEN-T corridors, terminals and urban logistics



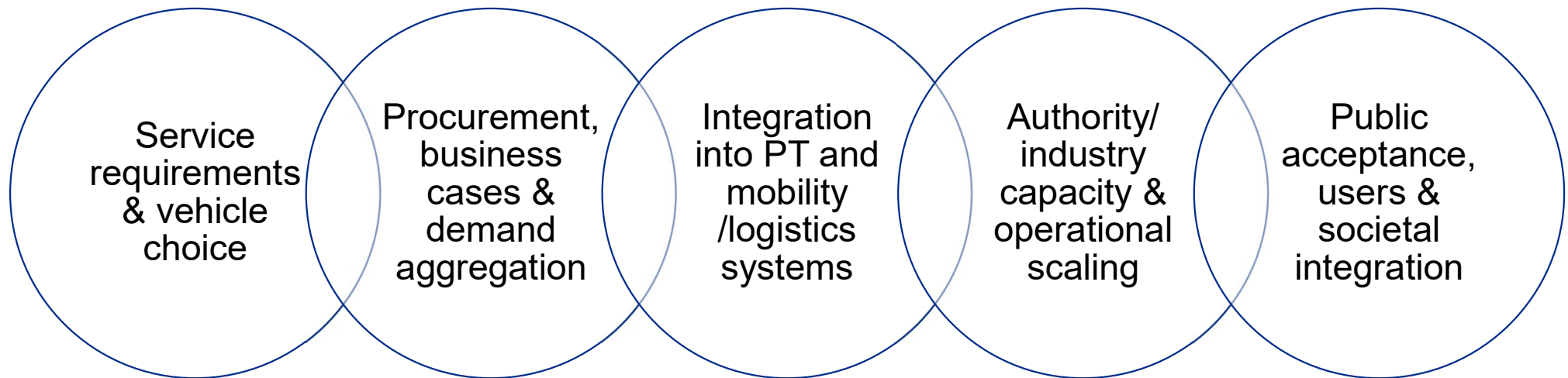
RIDE-HAILING & SHARED MOBILITY... AND MORE

Flexible mobility options and integration with public transport

“(...) will support all related use cases, provided that they contribute to the shared European goals of road safety and improved accessible and sustainable mobility solutions for all.”

Potential priority topics for peer learning

Initial topics emerging from the 1 July 2026 workshop – to be validated and prioritised with MSs and frontrunners



Source: inputs from participants during the Testbed Initiative workshop, 1 July 2026





Current status & next steps

- Joint Declaration of Intent
 - Political document
 - Stating intention to work on alignment
 - Solid base for future work
- Focus 2026–2029:
 - regulatory alignment,
 - scaling successful use cases
 - ecosystem building for knowledge

1. [EU Ministers back cross-border initiative for autonomous vehicle testbeds](#)



A connected EU deployment ecosystem

CCAM Large Scale Demo

Funds a [large-scale demo](#) on passenger cars, public transport and logistics to validate integrated services (SAE Level 3-4)

R&I AND DEMONSTRATION

ADACities

Mobilises cities and industry around AI-enabled Level 4 urban services and deployment conditions (CoEI extended till 20 Oct)

URBAN DEPLOYMENT

EU Testbed Initiative

Connects Member State cooperation on approvals and operational permits with use-case deployment and aggregation across Europe

REGULATORY AND TERRITORIAL SCALE

ECAVA

Brings industry and public actors together around European technology capacity and industrial priorities

INDUSTRIAL CAPACITY

Demos create evidence; common rules and operations support scale; industrial coordination strengthens European supply



Accelerating autonomous mobility with MSs

01 Coordinate nationally

- Align ministries, regulators, cities, operators and industry around deployment priorities and clear authorisation pathways

02 Identify priority use cases

- Build on existing experiences
- Focus on real mobility needs in public transport, shared mobility and logistics

03 Engage at European level

- Connect Italian frontrunners with EU testbeds, contribute to regulatory alignment and share operational experience
- Participate in ADACities, CCAM research and industrial initiatives (e.g. ECAVA)



Thank you!

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