



ROADVIEW Final Event

Automated Driving in Adverse Weather Conditions

19 August 2026, AVL Mobility and Sensor Center
Roding, Schorndorfer Str. 91, 93426 Roding, Germany

roadview-project.eu/final-event



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About the ROADVIEW project

ROADVIEW is a Horizon Europe research and innovation project advancing automated driving technologies under challenging weather conditions, including rain, fog, snow and low visibility environments.

The project develops and validates a robust, integrated system architecture combining:

- Advanced perception systems resilient to degraded visibility
- Intelligent control and decision-making algorithms
- Vehicle-to-everything (V2X) communication
- Cross-scenario validation in urban, highway and winter environments

By addressing key limitations of current automated driving systems, ROADVIEW contributes to **safer, more reliable and scalable deployment** of automated mobility solutions across Europe.

What to expect at the ROADVIEW Final Event

The ROADVIEW Final Event will present the project's key results, innovations and real-world demonstrations, bringing together research, industry and policy stakeholders.

Participants will benefit from:

- Insights into cutting-edge R&I results on perception, control and validation
- Expert keynote contributions from leading actors in automated driving
- A panel discussion on deployment, regulation and market readiness
- Live demonstration of automated urban driving under realistic conditions
- Opportunities for networking, exchange and collaboration

Who should attend?

This event is designed for stakeholders involved in automated mobility and intelligent transport systems, including:

- Automotive OEMs and suppliers
- Technology providers and SMEs
- Research organisations and universities
- Policymakers and regulatory bodies
- Infrastructure operators and mobility service providers
- Innovation clusters and EU project participants

Why participate

- Gain **first-hand access to validated results** from a Horizon Europe project
- Understand **remaining challenges and future research directions**
- Explore **deployment pathways and market opportunities**
- Connect with key actors shaping the future of automated driving

Event format

- On-site participation at [AVL Mobility and Sensor Center Roding, Schorndorfer Str. 91, 93426 Roding, Germany](https://www.avl.com/en/locations/roding)
- Hybrid access for remote attendees
- Networking sessions, posters and demonstration materials available throughout the event

Registration

Participation is free of charge, but registration is required.

Register here: roadview-project.eu/final-event



Online participation will also be available, including access to demonstration recordings and live Q&A.

Contact

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Timing	Session & Speakers
10:00 – 10:15	Welcome & Opening <i>Georg Schwab, Managing Director, AVL Software and Functions GmbH</i>
10:15 – 10:45	ROADVIEW Project Overview & Key Results <i>Eren Aksoy, Halmstadt University, ROADVIEW coordinator</i> - ROADVIEW system architecture - Summary of demonstrations (urban, highway, winter scenarios) - Key innovations and validation outcomes
10:45 – 11:30	Perception The ROADVIEW perception system - from sensors and noise models to robust perception in adverse weather conditions <i>Heikki Hyyti, Finnish Geospatial Research Institute FGI & Valentina, Valentina Donzella, Queen Mary University of London</i> Towards LiDAR-based Scene Understanding for Autonomous Cars <i>Jens Behley, Photogrammetry & Robotics Lab, University of Bonn</i> Beyond GNSS: The Art of Autonomous Vehicle Localization in Extreme Weather Conditions <i>Mohammad Aldibaja, Visiting Fellow at University of Groningen</i>
11:30 – 12:15	Automated driving decision making and V2X From Uncertainty to Safe Decisions: Real-World Weather-Aware Automated Driving with V2X in ROADVIEW <i>Mikko Tarkiainen, VTT Technical Research Centre of Finland Ltd</i> Challenges for the Safety Simulation of Automated Driving <i>Felix Fahrenkrog, BMW Group</i> V2X data as sensor for Automated Driving <i>Paulus Spaanderman, CEO of Innomo Consulting, (Representing Toyota in Direct V2X) ETSI ITS Vice Chair</i>
12:15 – 13:15	Lunch Break / Networking / Posters
13:15 – 13:55	Validation ROADVIEW Weather Aware XiL systems <i>Maikol Drechsler, CARISSMA Institute of Automated Driving</i> Closing the Weather Gap: Continuous Validation of Weather Effects for Safe Automation <i>Philipp Rosenberger, Persival GmbH</i> Bringing the weather to the lab: How to stay dry when testing in heavy rain <i>Henrik Liebau, Keysight Technologies, Inc.</i>
13:55 – 14:15	Lessons Learned (challenges) white paper <i>Eren Aksoy, Halmstadt University, ROADVIEW coordinator</i> - Cross-scenario insights (urban, highway, winter) - Integration challenges and solutions - Key lessons for future deployments
14:15 – 15:00	Panel Discussion: From Testing to Deployment <i>All speakers</i> - Scaling automated driving solutions - Regulatory and safety considerations - Market readiness and next steps
15:00 – 16:30	Live Demonstration – Urban Driving Scenario <i>AVL Mobility and Sensor Center Roding</i> - For online participants: Recording & moderated Q&A - Apéro & networking - Posters, demonstration videos & booth
16:30	Closing Remarks

SPEAKERS



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Halmstad University



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