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**SYNERGIES**

# **Platform: Europe's Collaborative Approach to CCAM Scenario-based Validation**

## **SYNERGIES 4<sup>th</sup> Webinar**

**7<sup>th</sup> of May – 14:00 to 15:15 (CET)**

**Online**

### **Disclaimer**

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## **SYNERGIES Webinar Series**

As automated vehicles move closer to real-world deployment, the need for robust, large-scale scenario-based validation has never been greater. The SYNERGIES project is responding to this challenge by building an open, interoperable platform that brings together the tools, data, and methodology needed to generate, manage, and share driving scenarios at scale. This webinar series is designed to bring engineers, researchers, and industry practitioners directly into that effort — providing hands-on insight into the platform and its growing capabilities.

### **What is SYNERGIES?**

SYNERGIES is a Horizon Europe research project (Grant Agreement No. 101146542) developing an open, collaborative platform for scenario-based validation of Connected, Cooperative and Automated Mobility (CCAM) systems. The platform combines two core elements: a **Scenario Dataspace** — a federated repository providing unified access to real-world and synthetic driving scenarios from multiple sources — and a **Marketplace** of modular, interoperable tools supporting the full scenario generation pipeline, from raw data collection and AI-based processing to scenario extraction, classification, and storage. By federating data from diverse sources — including vehicles, infrastructure sensors, drones, and simulations — and making them accessible through standardised interfaces, SYNERGIES aims to accelerate and improve the validation of CCAM systems across the European automotive ecosystem.

### **About this 4th webinar**

This webinar is part of the SYNERGIES education and training series, designed to onboard engineers, researchers, and industry onto the platform. It combines a technical overview of the scenario generation methodology developed within the project with a live demonstration of the platform's current capabilities. The webinar is aimed at facilitating the onboarding of new users to the SYNERGIES Scenario Dataspace and Marketplace tools.

### **Why attend?**

Robust scenario-based validation of CCAM systems demands access to a wide, representative, and well-documented set of scenarios — spanning motorway, urban, and rural environments, and covering data from accident records to real driving campaigns. This webinar presents the latest developments of the SYNERGIES platform and gives participants a concrete opportunity to understand how it can integrate into their own validation workflows.

### **What you will gain**

By attending this webinar, you will:

- Understand the end-to-end **scenario generation and identification methodology** developed within SYNERGIES, from data ingestion and AI-based processing to scenario extraction, enrichment, and classification.
- Explore the tools currently available in the **SYNERGIES Marketplace** — organised across data analysis and collection, heterogeneous AI data processing, scenario extraction and generation, and governance — and assess how they fit into your existing validation workflows.

- Learn how to **contribute your own scenarios** to the platform, including support for heterogeneous input data sources, and understand how this expands the diversity and coverage of the shared scenario dataspace.
- Assess the **interoperability** of the platform with existing toolchains used across OEMs, Tier 1 suppliers, and research organisations, including compatibility with the SUNRISE federated framework.

### **Who should attend?**

This webinar is aimed at engineers, researchers, and technical practitioners working in CCAM system development, virtual testing, and safety validation — including OEMs, Tier 1 suppliers, technology centres, research institutions, and simulation tool providers.

**Keywords: European Scenario Dataspace · Federation · CCAM · Interoperability · Marketplace · Scenario-based validation**

# Agenda

Time	Session	Speaker/ Organisation	Content
00.00 - 00.05	<b>Welcome and Introduction</b>	PAVE Europe	
00.05 - 00.15	<b>Keynote</b>	Jordi Pont - Applus+ IDIADA	
00.15 - 00.30	<b>Presentation of the platform</b>	Fabio Corona - AVL/AT	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Current status (first release)</li> <li>• Hands-on on the functions of the platform</li> <li>• Wrap up and intro to next parts</li> </ul>
00.30 - 00.45	<b>Scenarios update / presentation (Sven)</b>	Sven Tarlowski - RWTH Aachen University	<ul style="list-style-type: none"> <li>• Update on the final scenario generation and identification process.</li> <li>• Overview of the tools currently available in the Marketplace and those coming soon.</li> <li>• High-level demonstration of platform functionality.</li> </ul>
00.45 - 01:00	<b>Presentation of the potential updates released with the next version</b>	Marc Pérez - Applus+ IDIADA	<ul style="list-style-type: none"> <li>• Update on the final scenario generation and identification process.</li> <li>• Overview of the tools currently available in the Marketplace and those coming soon.</li> </ul>
01:00 - 01:10	<b>Q&amp;A</b>		
01:10 - 01:15	<b>Closing Remarks &amp; Next Steps</b>	PAVE Europe	