

January 2026

REED and Sister Projects host successful Joint online Workshop on the Future of Manufacturing-as-a-Service



On 20 January 2026, the **REED** project, together with its Horizon Europe sister projects **MaaS4AI**, **Lasers4MaaS**, **MEDUSA**, and **UniMaaS**, successfully hosted the **1st Joint Online Workshop** under the **HORIZON-CL4-2024-TWIN-TRANSITION-01-03 cluster**. The event brought together approximately **50 participants** from across Europe, including industry representatives, researchers, technology providers, and innovation stakeholders, to explore the next generation of **Manufacturing-as-a-Service (MaaS)**.

The workshop provided a comprehensive overview of each project's **scope, vision, and technological advancements**, highlighting how digital technologies, AI, and data-driven approaches are transforming European manufacturing into a more **flexible, sustainable, and service-oriented ecosystem**. Participants gained insights into cutting-edge developments ranging from advanced laser welding and AI-driven scheduling to trusted data exchange and sustainability tracking.

The agenda featured expert presentations from all participating projects.

- **“MEDUSA’s architecture, approach & business model”** by Matteo Dauria and Régis Hamelin (**MEDUSA**), showcasing secure and traceable cross-company collaboration for MaaS.
- **“Revolutionizing laser welding by dynamic beam shaping and digital technologies for servitisation of manufacturing”** by Professor Pasquale Franciosa (**Lasers4MaaS**), highlighting innovations in laser-based manufacturing services.
- **“Digital Product Passports with integrated CO₂ consumption tracking”** by Pedro María De la Peña Tejada (**REED**), presenting new approaches to transparency, traceability, and sustainability in manufacturing value chains.





Release



- **“The UniMaaS Platform: Unified Modelling and Automated Scheduling for Manufacturing as a Service”** by Dimitris Spatharakis (UniMaaS), focusing on advanced modelling and decision-support capabilities.
- **“Agile Manufacturing as a Service through AI Autonomous Agents”** by Miguel Ángel Mateo-Casali (MaaS AI), demonstrating how AI can enable on-demand, agile manufacturing networks.



The image displays five promotional cards for 'Manufacturing-as-a-Service' workshops. Each card features a speaker's name, title, and project affiliation, along with the event details: 'Joint Online Workshop' on '20 January 2026, 11.00 CET'. The cards are arranged in two rows: three in the top row and two in the bottom row. Each card also includes a list of logos at the bottom, including the European Union flag, REED, MaaS AI, Lasers 4MaaS, and MEDUSA.

- Card 1 (Top Left):** Regis Hamelin (CTO, BLUMORPHO, Exploitation Manager, MEDUSA) and Matteo D'Auria (Senior Modeling & Simulation Engineer, MEDUSA). Topic: MEDUSA's architecture, approach & business model.
- Card 2 (Top Middle):** Pasquale Franciosa (Professor and Head of Laser Beam Welding Group at WMG, the University of Warwick, Lasers4MaaS). Topic: Revolutionizing laser welding by dynamic beam shaping and digital technologies for servitisation of manufacturing.
- Card 3 (Top Right):** Pedro Maria De la Peña Tejada (Coordinator, REED). Topic: Digital Product Passports with integrated CO₂ consumption tracking.
- Card 4 (Bottom Left):** Dimitris Spatharakis (Technical Manager, UniMaaS). Topic: The UniMaaS Platform: Unified Modelling and Automated Scheduling for Manufacturing as a Service.
- Card 5 (Bottom Right):** Miguel Ángel Mateo-Casali (Technical Project Manager, MaaS AI). Topic: Agile Manufacturing as a Service through AI Autonomous Agents.

The workshop was moderated by **Eleni Provopoulou** (Netcompany) and encouraged active engagement and discussion among participants, reinforcing the importance of **cross-project collaboration** in addressing Europe’s industrial and sustainability challenges.

This first joint workshop marks an important milestone for the Sister Projects cluster, setting the foundation for **future joint activities, knowledge exchange, and coordinated dissemination efforts**. Together, the projects demonstrated how collaborative innovation can accelerate the adoption of **Manufacturing-as-a-Service** and support **Europe’s transition towards a smarter, greener, and more resilient manufacturing sector**.

The recording of the workshop will be available soon on the REED YouTube channel.

For more information about the REED project, please visit: <https://reed-eu.eu>

