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Welcome to the 2nd issue of the REED Project Newsletter!

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If you are interested in Manufacturing-as-a-Service (MaaS), reconfigurable value networks, and the digital transformation of bulky-part manufacturing in Europe, you are in the right place!

Following a dynamic start to the project, the past months have been marked by important milestones, strong technical progress, and increased visibility across Europe. From our 1st Technical Review Meeting to the 2nd General Assembly hosted by TU Darmstadt, and from high-level policy discussions at the OECD to industrial collaboration at ManuDays 2025, REED continues to advance its vision for flexible, sustainable and reconfigurable Manufacturing-as-a-Service (MaaS).

In this edition, we share key updates, highlight new partner introductions, and showcase how REED is gaining momentum across the European manufacturing ecosystem.

The **REED** project, bringing together 14 leading partners from across Europe, aims to develop, validate, and promote a flexible Manufacturing-as-a-Service (MaaS) platform that enables reconfigurable value networks for bulky-part production. By integrating digital twins, AI-driven decision-making, real-time monitoring, and Digital Product Passports with CO_2 tracking, REED empowers manufacturers to collaborate seamlessly across decentralized ecosystems, enhancing efficiency, sustainability, and resilience in European industry.

STAY CONNECTED

Keep up to date with the latest news, project developments, research insights, and key updates from the **REED** project.

Follow our journey at @ *https://reed-eu.eu/*

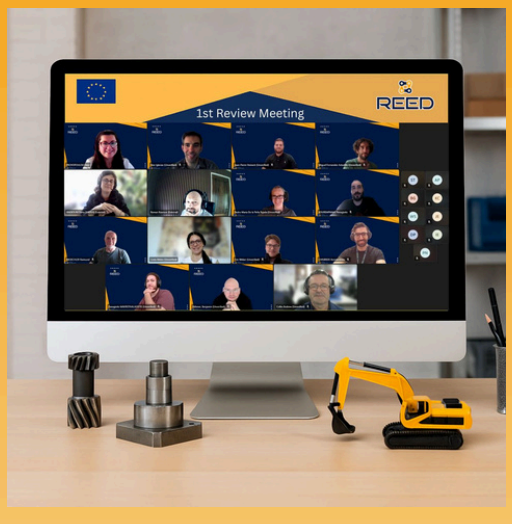
PROJECT UPDATES

Consolidating progress & strengthening impact

Since its launch in **October 2024**, the REED project has focused on developing a secure and interoperable **Manufacturing-as-a-Service platform** for bulky-part production.

1st Technical Review Meeting (June 2025)

On June 11th, the REED consortium successfully completed its **1st Technical Review Meeting** with the European Commission.



<u>The meeting highlighted:</u>

- Progress on **platform architecture and modular integration**
- Advances in **industrial pilots**
- Integration of **Digital Product Passports (DPP)**
- Development of **CO_2 monitoring and sustainability tracking tools**
- Alignment of dissemination and exploitation strategies

Constructive feedback from the Project Officer and reviewers reinforced the project's strong trajectory and validated the consortium's collaborative approach.

2nd GA – Hosted by TU Darmstadt (November 2025)

The REED consortium gathered for its **2nd General Assembly Meeting at the Institut für Produktionsmanagement, Technologie und Werkzeugmaschinen (TU Darmstadt).**

<u>Over two intensive days, partners:</u>

- Reviewed technical achievements and pilot integration
- Discussed value network reconfigurability
- Advanced exploitation and communication planning
- Strengthened cross-work-package coordination

The meeting further solidified REED's position as a forward-looking initiative shaping the future of **smart, flexible manufacturing** ecosystems in Europe.

Meet the Partners

Over the past months, we launched our “Meet the Partners” series on LinkedIn, introducing the organisations driving REED forward:

LMS

Laboratory for Manufacturing Systems & Automation (LMS): LMS is developing intelligent decision-making tools and AI-driven production scheduling to enhance manufacturing efficiency and adaptability..

Read more

TUDa

TU Darmstadt: Advancing blockchain-based Digital Product Passports and AI-driven supply chain planning to ensure secure, transparent, and resilient manufacturing ecosystems.

Read more

2-0 LCA

2-0 LCA (2LC): 2LC is leading the integration of environmental assessment methodologies to ensure that sustainability is embedded across the entire value chain.

Read more

SORALUCE

SORALUCE: As an OEM partner, delivering high-performance machine tools and vibration-damping technologies to enhance precision, flexibility, and sustainability in bulky-part manufacturing.

Read more

NEWS

Events & Policy engagement

REED at OECD (02.09.2025)

REED was proudly represented by Raimund Dr. Bröchler from Netcompany at the **OECD Workshop on "Challenges Facing SMEs in the New Geopolitical Context" that took place on September 2nd**

During the session, REED was described as a "**digital catalyst for SME resilience**", highlighting how the MaaS platform empowers small and medium-sized enterprises with flexible, data-driven manufacturing solutions.

Participation in high-level policy discussions demonstrates REED's relevance beyond research, contributing directly to conversations about industrial resilience and digital competitiveness.

Read more

REED at ManuDays 2025 by EFFRA (20-22.10.2025)

At **EFFRA's Manufacturing Partnership Days 2025**, REED joined forces with sister projects MaaSAI, MEDUSA, UniMaaS and Lasers4MaaS.

Together, the cluster showcased how collaborative European innovation is:

- Accelerating Manufacturing-as-a-Service adoption
- Driving decentralised production systems
- Strengthening sustainability and resilience

The event reinforced the power of EU-funded collaboration in shaping the future of European industry.

Read more

REED

Visit our website to learn more

The EU-funded **REED** project brings together **14** high-profile partners from **8** European countries, combining the expertise of research organisations, technology providers, and industrial partners to develop and validate a flexible MaaS platform for reconfigurable and sustainable bulky-part production across Europe.

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