



MADE IN EUROPE COMMUNITY NEWSLETTER



Made in Europe Community Newsletter is here!

As we close the year, we are pleased to share this edition of our Newsletter, highlighting key achievements and milestones from 2025.

It has been a dynamic and rewarding year, marked by impactful projects, successful events, and strong collaboration across our growing community. Throughout 2025, innovation and sustainability remained at the heart of EFFRA's activities, driving progress and meaningful results.

In this edition, you will find highlights from recent events, updates on research and innovation activities, and news from ongoing and completed Made in Europe projects. We also warmly invite you to share your own project news with us, so we can continue showcasing the collective achievements of our community.

If you enjoy this Newsletter, we encourage you to share it with your network. And if you are not yet subscribed, we invite you to join [our mailing list](#) to stay informed about future updates and opportunities.

We wish you happy holidays and a prosperous New Year, and we look forward to continuing our collaboration and building what lies ahead together.

Warm regards,

Manufacturing Partnership Days 2026 - Save the Date: 16 & 17 September, Brussels



EFFRA is pleased to announce the 4th edition of the Manufacturing Partnership Days, which will take place on 16–17 September 2026 in Brussels, at [SILO](#), in the framework of the European Manufacturing Conference.

Further information on project packages, registration, and the detailed program will be published after the Christmas holidays.

[Read More](#)

European Manufacturing Conference 2026: Save the Date



The European Factories of the Future Research Association (EFFRA), together with EIT Manufacturing and ManuFuture, is pleased to announce the third edition of the [European Manufacturing Conference \(EMC 2026\)](#), taking place on 16–17 September 2026 at [SILO](#), Brussels.

[Read More](#)

The Manufacturing Partnership Days 2025 – What a success!



The third edition of the Manufacturing Partnership Days 2025 was a remarkable success, bringing together nearly 300 participants, 32 project sessions, 31 exhibition booths, and 7 panel discussions over three days of inspiring exchange and collaboration.

Once again, the event demonstrated the vitality, creativity, and cohesion of the Made in Europe community, showcasing how European research and innovation in manufacturing continue to drive competitiveness, resilience, and sustainability.

EFFRA extends its sincere thanks to all speakers, exhibitors, and participants. Your expertise, energy, and enthusiasm made this year’s event an engaging experience for everyone involved.

[Read More](#)

European Health and Digital Executive Agency (HaDEA): Cluster 4



Online Meeting Cluster 4: Digital, Industry & Space, taking place 29–30 January.

Learn about upcoming funding opportunities, eligibility criteria, and practical guidance to support a successful application. More information coming soon.

[Read More](#)

Horizon Europe info days – EU Missions

The [Horizon Europe Info Days](#) on the EU Missions Work Programme 2026/27 will take place online on 20–21 January 2026, providing valuable guidance for stakeholders interested in upcoming Horizon Europe funding opportunities.

Across two days, participants will gain detailed insights into the structure, priorities and objectives of the EU Missions



[Read More](#)

AI REDGIO 5.0: pioneering the future of manufacturing with AI at the Edge



AI REDGIO 5.0 project, involving 43 partners across 18 countries, is leading a digitally transformative initiative, supported by EU funding (Made In Europe partnership). Its mission? To revolutionize and extend the Horizon 2020 I4MS – AI REGIO alliance, designed to foster a competitive AI-at-the-Edge digital transformation of Industry 5.0 manufacturing Small and Medium-sized Enterprises (SMEs).

AI REDGIO 5.0 builds on the success of the H2020 I4MS and AI REGIO initiatives, advancing Europe's manufacturing transformation towards Industry 5.0.

[Read More](#)

MULTIMOLD: Advancing In-Mold Electronics for Next-Generation Manufacturing

MULTIMOLD is driving the future of injection-mold electronics by overcoming key limitations in current IME processes, enhancing usability, sustainability, and production yields. The Horizon Europe project integrates printed piezoelectric sensing, 3D-shaped flexible PCBs, and recyclable materials for next-generation manufacturing. Demonstrators show robust performance in harsh conditions and improved user experiences across automotive and industrial interfaces. MULTIMOLD's innovations also advance recyclability and European manufacturing competitiveness.



[Read More](#)

Smart Tech, Human Touch: HARTU's Vision for the Future of Manufacturing



HARTU is a Made in Europe project coordinated by Tekniker, bringing together 14 partners to advance intelligent, flexible workpiece handling in European manufacturing.

Rooted in human-centred automation, the project promotes effective collaboration between people, AI, and robotics to create adaptable, efficient, and sustainable production systems.

[Read More](#)

Generative AI for Design and Sustainability in European Manufacturing

Generative AI is transforming European manufacturing by embedding sustainability directly into design, production, and circular lifecycle decisions.

The Horizon Europe DaCapo project showcases an AI-driven ecosystem of tools that help design sustainable layouts, predict eco-aware repair strategies, and create customizable, low-impact products.



[Read More](#)

VITAL: Shaping Europe's Sustainable Future



The **VITAL project** is driving a shift from fossil-based plastics to lightweight, durable, and recyclable biobased foamed thermoplastics for industrial manufacturing, supporting Europe's circular economy and climate goals.

By advancing three breakthrough processing technologies foam injection moulding, low-energy bead foaming, and innovative 3D foam printing VITAL enables scalable, energy-efficient production of bio-based materials.

[Read More](#)

FLASH-COMP: Composite manufacturing, right first time

FLASH-COMP is playing a crucial role alongside the 4ZDM.

Artificial intelligence meets Zero-Defect. Manufacturing is developing a fast, reliable AI-driven quality control solution designed to spot and remove defects as they happen during composite manufacturing. This real-



time approach doesn't just fix problems, it prevents them.

[Read More](#)

Exploring Key Concepts of the Compass Horizon EU Project: Re-manufacturing technologies



The Compass Horizon EU Project Each keyword is a crucial piece of the puzzle in transforming industries, enhancing sustainability, and embracing circular economy principles.

Remanufacturing technologies in the automotive and aerospace sectors restore used components to original or superior quality. Advanced processes such as thermoforming, additive manufacturing, and thermal treatments extend product lifecycles, reduce costs, and minimize environmental impact.

[Read More](#)

The BIOMATTERS Cluster Update in the Green-Loop Project

In its final phase, the BIOMATTERS Cluster delivered concrete results supporting sustainable processes and products across the EU.

The **AMBIANCE Project** achieved up to a **70% reduction in environmental footprint**, while the **Green-Loop Project** reduced production waste by **up to 60%**. The **VITAL Project** demonstrated a mitigation potential of **75,000 tonnes of CO₂-eq per year**, and **BIO-UPTAKE** reduced CO₂ emissions and energy consumption by **30%** compared to conventional materials.

Additionally, the **Waste2BioComp Project** developed over **20 PHA types** and **100% bio-based films, composites, and pigments**, strengthening Europe's bio-based manufacturing capacity.

Together, these achievements highlight the BIOMATTERS Cluster's contribution to Europe's green and circular transition.



[Read More](#)

Webinar: Advanced Sensors for In-Line PV Inspection from the Platform-Zero Project



Advanced Sensors for In-Line PV Inspection Webinar.
Save the date: 14th January at 13:00.

This webinar will focus on advanced sensors for in-line PV inspection, showcasing how customizable sensor technologies can enhance manufacturing control and device quality. Participants will discover how innovative approaches to morphological, physicochemical, and optoelectronic inspection enable real-time monitoring and early defect detection, paving the way for more reliable and efficient photovoltaic production. Join us to explore the latest developments that support smarter, zero-defect manufacturing in the PV industry.

[Read More](#)



Powered by Glue Up All-in-one CRM Software for

Growing Communities