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ACCURATE Showcases Data-Driven Manufacturing-as-a-Service Solutions at EBDVF 2026

ACCURATE joined European research initiatives to demonstrate how data spaces, Digital Twins and intelligent decision support can strengthen European manufacturing resilience.



At the European Big Data Value Forum (EBDVF 2026), ACCURATE participated in the session “Manufacturing as a Service and the DATA/AI Backbone Challenge”, sponsored by the Horizon Europe project MAASive and co-hosted with sister projects M4ESTRO and NARRATE under the Made in Europe partnership.

The session brought together experts from across the European manufacturing and data ecosystems to explore how Manufacturing as a Service (MaaS) enables companies to adapt dynamically and swiftly to changing requirements and disruptions by accessing suitable manufacturing services and alternative production capacity across distributed networks.

Funded by the European Union

Connecting manufacturing capacity with practical decisions



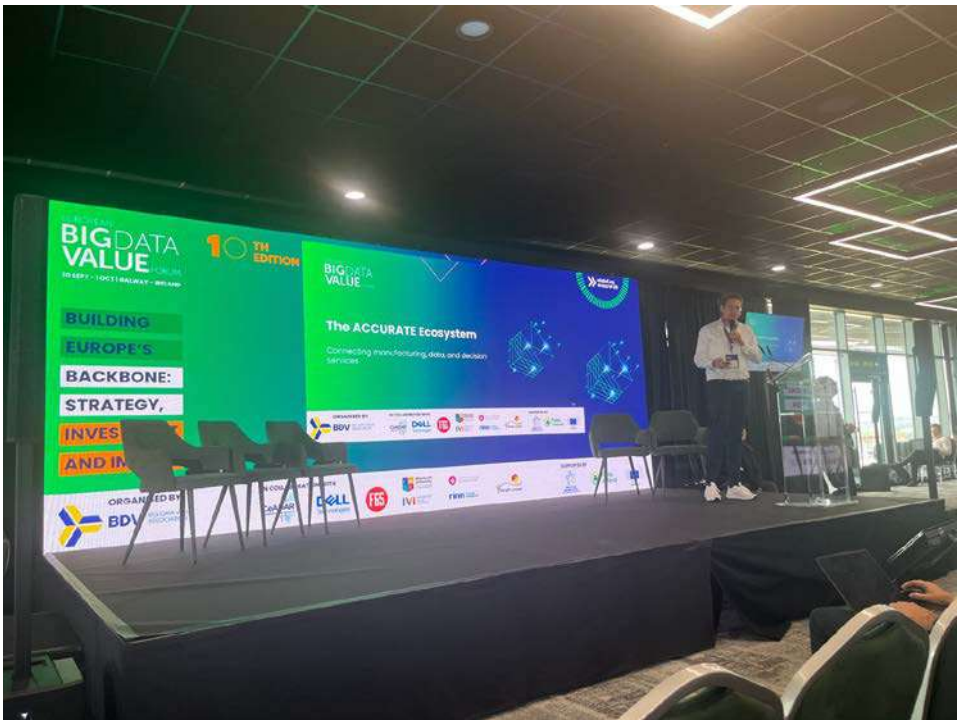
Representing ACCURATE, Valeria Borodin from IMT Atlantique presented how Manufacturing-as-a-Service connects individual supply chains within broader collaborative networks, enabling companies to access and coordinate manufacturing capabilities and services beyond their established supply chain relationships.

Identifying available manufacturing capacity is only the first step. Key decisions involve identifying and matching manufacturing services to meet a given production need and coordinating them with existing operations. Manufacturers seeking alternatives and providers offering capacity must assess process, production, and transport constraints, and the provider's ability to meet delivery commitments.

ACCURATE combines ontology-based matchmaking with decision-support approaches for scheduling, planning, and dynamic pricing. Digital twins at machine, factory, and supply-chain levels support scenario analysis to assess how disruptions and alternative responses affect lead times and delivery performance, accounting for resource constraints, material availability, and dependencies between operations.

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Enabling collaboration through trusted industrial data spaces



The session also highlighted sovereign industrial data spaces as a foundation for secure collaboration. Thomas Komenda from deltaDAO presented ACCURATE's Pontus-X ecosystem, which draws on Gaia-X principles, self-sovereign identities, policy-based access control and Compute-to-Data technologies.

Such approaches allow manufacturers to collaborate and gain useful insights while retaining control of sensitive operational information and intellectual property.

Three priorities for resilient European manufacturing

- Common manufacturing ontologies and capability descriptions to enable rapid resource discovery and matchmaking.
- Sovereign and decentralised data infrastructures that support collaboration without surrendering sensitive industrial data.
- Explainable, human-directed AI that supports the assessment of complex supply-chain decisions.

Participants also emphasised that technologies alone will not guarantee adoption. Trusted governance, clear service responsibilities, a critical mass of providers and users, and accessible onboarding for SMEs are essential to scaling MaaS.

Through its work on Digital Twins, trusted data sharing, MaaS orchestration and decision support, ACCURATE contributes to the foundations for more connected, adaptive and resilient European manufacturing value chains.

Funded by the European Union

About ACCURATE

ACCURATE is a research and innovation project funded by the European Union under the Horizon Europe programme (Grant Agreement No. 101138269). The project focuses on strengthening the resilience of European manufacturing value chains by advancing Manufacturing-as-a-Service approaches through the integration of Digital Twins, data spaces and advanced decision-support technologies.

Through collaboration between research organisations, technology providers and industrial partners, ACCURATE seeks to enable more flexible, connected and adaptive manufacturing ecosystems.

Project website: https://accurateproject.eu/

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