



Press Release

December 2023

ACCURATE: Achieving resilience through manufacturing as a service, digital twins and ecosystems

ACCURATE, a project supported by the Horizon Europe program, officially started on the 1st of December 2023, and is set to span the next 3 years. The primary objective of the **ACCURATE project** is to enhance the competitive edge of European manufacturing companies and value chains by elevating their sustainability, bolstering performance stability, fortifying resilience, and enhancing their capacity to navigate unforeseen events.

ACCURATE aims to revolutionize the manufacturing and industrial landscape through its commitment to innovation and integration. The focal point of this initiative is the development of a cutting-edge, human-centric Decision Support System. This system is designed to provide unparalleled insights into the repercussions of unforeseen events on manufacturing and industrial networks. It promises to furnish timely, optimal, and robust solutions for the design, planning, stress testing, reconfiguration, and recovery of manufacturing supply and value chains. The overarching goal is to enhance circularity and sustainability performances in these domains.

Furthermore, ACCURATE aims to introduce a groundbreaking Manufacturing-As-A-Service (MAAS) framework. This framework extends its reach across multiple critical supply and value chains, leveraging state-of-the-art data space technologies alongside multi-scale and multi-level Digital Twins and co-simulation. The result is a dynamic adaptation capability for logistics and production that is both technically and economically viable.

In pursuit of an open, collaborative approach, ACCURATE is set to establish an open, standard-based, federated, trusted data space and ecosystem. This innovation will seamlessly integrate data flows, models, and tools across various actors in manufacturing value chains. The creation of smart manufacturing networks will empower individuals and organizations to share valuable information and collaborate on MAAS solutions. Importantly, this will be achieved while ensuring that all stakeholders retain full sovereignty over their sensitive data and intellectual property. ACCURATE's comprehensive

approach is positioned to usher in a new era of efficiency, collaboration, and sustainability in the manufacturing and industrial sectors.

The ACCURATE project unites a consortium of core partners, each distinguished in their field and contributing essential expertise. This collaborative effort includes SOFTWARE IMAGINATION & VISION SRL (Romania), ENGINSOFT SPA (Italy), INSTITUT MINES-TELECOM (France), FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANG (Germany), AARHUS UNIVERSITY (Denmark), and HOCHSCHULE FUR WIRTSCHAFT UND RECHT BERLIN (Germany). The consortium is further strengthened by key partners, namely ELECTRONIQUE INDUSTRIELLE DE L'OUEST - TRONICO SAS (France), AIRBUS ATLANTIC (France), deltaDAO AG (Germany), and CONTINENTAL AUTOMOTIVE ROMANIA SRL (Romania), alongside the Institute of Entrepreneurship Development (Greece), collectively driving innovation within the ACCURATE project.