

Design and deploy minimum - invasive sensors for critical nano/microstructures in competitive CPS

Built-in Al for co-existence & collaboration CPS in safety critical context

Build digital assets & emergent Al for efficiency in operation

Accelerate convergence in ecosystems for economy of scale

Get global competitiveness for Europe's circular economy

The project aims to create a unified technology stack that supports software-defined transformation, facilitates efficient domain adaptation and promotes innovation along Europe's value chains.

> SC₁ All-Weather Automated Machinery and Transportation

SC6 efficiency and distributed intelligent control

SC2 Digital manufacturing, robotics, and Al for low-emission buildings

SC3

Supply Chains

Systems for extrinsic

efficiency in mobility

SC5 Multi-agent, cooperative sensing control in Emergency Response Applications

Precise measurements for efficient, reliable and safe electric SC4 power trains Emergent Automated Driving

Key Facts

- Coordinator: AVL
- Countries: 16
- Partners: 43
- ☐ Budget: 32,7 M€
- Start: 1 September 2024
- Duration: 36 months



Objectives

























































































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