

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.

> SC<sub>1</sub> 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: 17
- Partners: 44
- ☐ Budget: 32,7 M€
- Start: 1 September 2024
- Duration: 36 months



Objectives







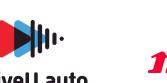












SSQT Sensing Simulation solutions

SROPYUS

Sensing Simulation solutions





















































