CPS4EU

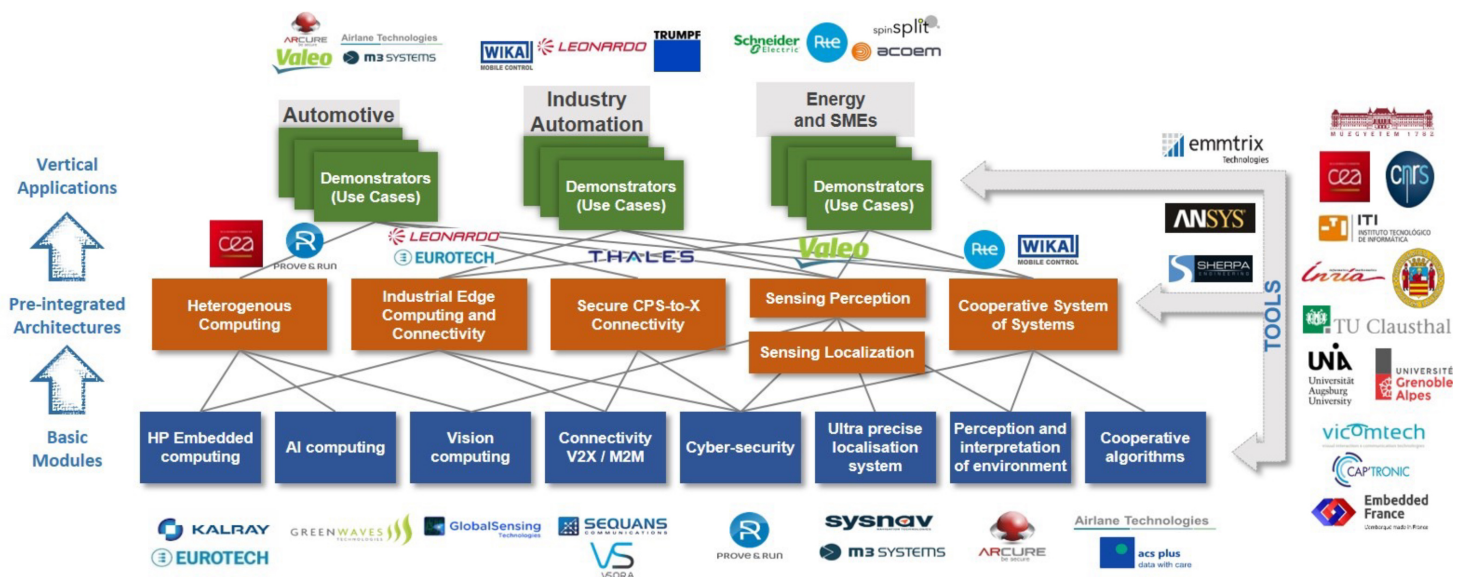## Better Cyber-Physical Systems, in half the time

OBJECTIVES

In recent years, Cyber Physical Systems (CPS) technologies have become a game changer in strategic sectors where Europe is a world leader, such as Automotive, Energy and Industry Automation. In fact, CPS is a key driver for the innovation capacity of European industries, large and small, generating economic growth and supporting meaningful jobs for citizens.

CPS4EU aims to significantly reduce the development time and certification efforts, and arm Europe with an extensive value-chain across these sectors.

TECHNICAL INNOVATIONS

To achieve these goals, CPS4EU has developed 6 key enabling technologies: Computing, Connectivity, Perception, Localization, Industrial Edge Computing, and Cooperative Systems. These CPS modules are incorporated through pre-integrated architectures (PIARCH) and design tools.

The project instantiates these pre-integrated architectures in dedicated use-cases from strategic applications: Automotive, Energy, Industry Automation, and improves CPS awareness and usage for all industry sectors.

CPS4EU

Better Cyber-Physical Systems, in half the time

Project Logo:

Project Coordinator:
Philippe Gougeon
philippe.gougeon@valeo.com

Institution:

Website:
www.cps4eu.eu

Start:
01/07/2019

Duration:
36 months

Total investment:
53 M€

Participating organizations:
36

Number of countries:
5

FRANCE
Valeo Comfort & Driving Assistance
01dB-Metravib (ACOEM) S.A.S.
Airlane Technologies
ANSYS France
ARCURE S.A.S.
Centre National de Recherche Scientifique
Commissariat à L'Energie Atomique et aux Energies Alternatives
Embedded France
GreenWaves Technologies
Global Sensing Technologies
Institut National de Recherche en Informatique et Automatique
JESSICA France (Cap'Tronic)
Kalray S.A.
M3 SYSTEMS S.A.S.
Prove & Run S.A.S.

RTE Réseau de Transport d'Electricité
Schneider Electric France
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Sherpa Engineering
Sysnav S.A.S.
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