FED4SAE

ACCELERATING EUROPEAN CPS SOLUTIONS TO MARKET

www.fed4sae.eu

We are an EC-funded project that aims to help European Start-ups, SMEs and Mid-caps to develop innovative CPS solutions from any sector to market and scale.

We offer a one-stop-shop to accelerate CPS development, funded by the European Commission.

Apply to our program!

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement no. 761708

SAE
SmartAnythingEverywhere

Accelerating European CPS solutions to market from 2018-2020

We bring together ten countries, eight R&D centers, five industrial partners, and one SME to offer seven CPS platforms, advanced platform technologies and testbeds, innovation management support and expertise in smart cities, smart energy, smart health, smart manufacturing, smart mobility and smart transportation as part of the Smart Anything Everywhere Initiative.

We provide:

- Access to leading edge CPS platforms, Advanced Technologies and Testbeds from Industrials and R&D centers
- Technical coaching from domain experts
- Innovation Management support
- Up to €60k in initial financial support, plus access to further VC funding
- Access to potential users and suppliers across value chains throughout Europe

We support three experiments in our Open Calls:

- Software intensive projects using existing programming platforms to make software prototype demonstrator
- System integration projects using existing software and hardware components to make Integrated system prototype demonstrator
- CPS with innovative component projects using specific software and hardware components to make system architecture virtual demonstrator

What we offer

INDUSTRIAL PLATFORMS

Neural Compute Stick
Movidius Neural Stick delivers low power Computer Vision at the Edge

Compute Card
Compute Card is a full 64 bit computer platform the size of a credit card

STM32 Boards
STM32 based boards with low power 32-bit MCU for small projects to entire platforms

ST WeSu Wearable
WESU the latest motion sensing tech E4:F10 wearable or portable applications with iNEMO SIP sensors

IODP
Integrated and Open Development Platform for Automotive powertrain development

TIME4SYS
Timing Framework - System Modelling Framework for real-time embedded applications.

Si Arch (CEA)
Silicon Architectural Study CPS applications using new technologies and devices

ADVANCED PLATFORMS

Silicon Impulse
The one-stop-shop for ultra-low power expertise in integrated circuit design

LINC
IoT Device Management Middleware

Sigma Fusion
Automotive Sensor Fusion platform

Sensinact Middleware
IOT Device Management Platform

PTL
Smart Home , Health and Transportation Test beds

AIDE
Data Management Tools for engineering of Cyber-Physical Systems

RCV
Research Concept Vehicle - An Open Platform for Sustainable Transportation R&D

4Diac
Infrastructure for distributed industrial process measurement and control

GPS free localization solver
GPS free localization solver for any LoRa® / LTE-M / NB-IoT / WiFi / BT Network

WiseNET
Ultra Low Power Wireless Sensor Network

Vision in a Package
Vision in a Package / Intelligent Camera

Hyper Vision
Intelligent camera system for Hyper-spectral Imaging

WiseDep
Robust low power wireless for safety-critical applications

Reliability
Harsh environment and systems integration reliability test environment

Smart City
CPS Massive urban infrastructure in technology and service assessment

π-Fab infrastructure
A continuous silicon CMOS and silicon carbide process line.

LPWAN
Low Power Wide Area Network based CPS solution

INNOVATION SUPPORT

Innovation Support
Business case support and access to further funding

First of three Open Call launches – 14 Nov 2017
Submission deadline – 6 Feb 2018, 17:00 (CET)
Notification of results – 20 Mar 2018
Apply – www.fed4sae.eu/innovative-projects/open-calls