

We are an EC-funded project that aims to help European Start-ups, SMEs and Mid-caps to develop innovative smart 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!

Apply by 5th March 2019:
www.fed4sae.eu/innovative/projects/open-calls

We provide:

- Access to leading edge cyber-physical systems (CPS) and embedded systems platforms, Advanced Technologies and Testbeds from Industrials and R&D centers
- Technical coaching from domain experts
- Innovation Management support
- Up to €58k in initial financial support, plus access to further VC funding
- Access to potential users and suppliers across value chains throughout Europe

We support projects with three focus areas:

- Artificial Intelligence and Software-Oriented projects
- Smart City and Smart Infrastructure projects
- Smart Sensor projects



What we offer

INDUSTRIAL PLATFORMS

intel
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

ST
iIte.augmented

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

AVL
IODP
Integrated and Open Development Platform for Automotive powertrain development

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

ADVANCED PLATFORMS

cea
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

KTH
AIDE
Data Management Tools for engineering of Cyber-Physical Systems

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

fortiss
4Diac
Infrastructure for distributed industrial process measurement and control

Neural Network Dependability Kit
Toolbox to support safety engineering of artificial neural networks

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

Advanced manufacturing / packaging
Advanced manufacturing and packaging for additive manufacturing and microfabrication

Advanced nanotechnology for chemical sensing
Nanotechnology for chemical sensing

WiseMAC
Peer to Peer low power medium access protocol for wireless communication

WiseNET
Ultra Low Power Wireless Sensor Network

Vision in a Package
Vision in a Package / Intelligent Camera

WiseDep
Robust low power wireless for safety-critical applications

Műgyetem 1782
Reliability
Harsh environment and systems integration reliability test environment

UC
Smart City
CPS Massive urban infrastructure in technology and service assessment

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

Corrosive Gases Testbed
Investigation of corrosion effects on single- or complete systems

Gas Sensor Testbed
Gas sensor calibration and correlation measurement

Energy Electronics Testbed
Smart local energy system testbed for industry

cATAPULT Digital
LPWAN
Low Power Wide Area Network based CPS solution

INNOVATION SUPPORT

BLUMORPHO
Innovation Support
Business case support and access to further funding

