

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!

 **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

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

THALES
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


csem
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

INNOVATION SUPPORT

 **Innovation Support**
Business case support and access to further funding

 **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

