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.



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:

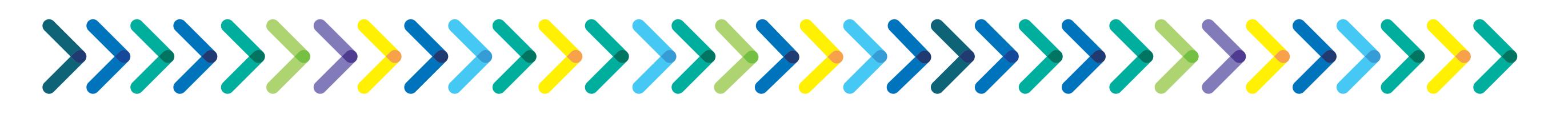
- Access to leading edge CPS platforms, Advanced Technologies and Testbeds from Industrials and R&D centers
- Technical coaching from domain experts
- Innovation Management support

SAE

- 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



Integrated and Open

for Automotive

Development Platform

powertrain development

ADVANCED PLATFORMS



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



4Diac Infrastructure for



Smart City CPS Massive urban infrastructure

INNOVATION SUPPORT



Innovation Support Business case support and access to further funding

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





THALES TIME4SYS

IODP

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

ANTECHNOLOGIE À L'INDUISTE

SmartAnythingEverywhere

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

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

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



Reliability

Harsh environment and systems integration reliability test environment

in technology and service assessment

Fraunhofer

IISB

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

CATAPULT Digital

LPWAN Low Power Wide Area Network based CPS solution

Robust low power wireless for safety-critical applications



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