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EUROPEAN COMMISSION – HORIZON 2020



Accelerating European CPS Solution to Market

Deliverable D2.4

WP2

Press release first open call

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Abstract

This is the press release published for FED4SAE first open call, on November 14th 2017. It is also available on FED4SAE website at <https://fed4sae.eu/category/press-releases/>.



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1. Press release text






PRESS RELEASE

LETI ANNOUNCES FED4SAE PROJECT TO ACCELERATE EUROPEAN CYBER-PHYSICAL-SYSTEM SOLUTIONS TO MARKET

Up to €60k Funding, Technical and Business Coaching Available To Support Companies to Develop Smart Applications

GRENOBLE, France – Nov. 14, 2017 – Leti, a research institute of CEA Tech and coordinator of the pan-European consortium FED4SAE, today announced that the 14 project partners have launched a three-year European Commission program to facilitate the acceleration of European cyber-physical-system (CPS) solutions to market. This project will boost digitization of European industry by strengthening companies' competitiveness in the CPS market.

Cyber-physical systems link the physical world (e.g., through sensors or actuators) with the virtual world of information processing. They are comprised of diverse constituent parts that function together to create some global behavior. These constituents may include software systems, communications technology, and sensors/actuators that interact with the real world, often including embedded technologies.


The FED4SAE project, launched in September in Grenoble, will create a pan-European network of Digital Innovation Hubs (DIH) by leveraging existing regional tech or businesses ecosystems across complete value chains and multiple competencies. The network of DIHs will enable startups, SMEs and midcap companies in all sectors to build and create new digital products, smart applications and services. The project mission also includes innovation management – linking these companies to suppliers and investors to create innovative CPS solutions and accelerate their development and industrialization.

"FED4SAE will give birth to a competitive ecosystem that will help European startups, SMEs and midcaps innovate and thrive as they access leading technology sources, competencies and industrial platforms," said Leti project coordinator, Isabelle Dor. "The network will also effectively link them to well-connected business infrastructures, such as banks, investors and business accelerators, and existing regional innovation hubs.

"Bottom line: the expanded adoption of CPS solutions offered by the network is expected to lead to quantifiable increases in the participating companies' market share, productivity and industrial capacities," Dor said.

The FED4SAE project will fund industrial projects thanks to the cascade-funding process set by the European Commission. There will be three open calls over the course of the project. The first call, which opens Nov. 14, will support the best projects based on their innovation potential and technical expertise, the maturity of the solution, with technology-readiness levels between 3 and 6, and their efficient management of the innovation to create a lasting impact with the developed solution.

This pan-European network will enable companies to use CPS platforms combined with expertise and knowhow from the R&D advanced platforms. The ultimate goal of each industrial project within FED4SAE is to develop a complete solution that can get to market and scale.

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This includes combining hardware and software components and deploying them in a range of testbeds prior to deployment into the targeted market, as well as support in business modeling and market insights through guidance from conceptual design through market launch. Application experiments will be funded for developing innovative CPS products that will increase the competitiveness of European innovative companies.

Proposals can be submitted from Nov. 14 to Feb. 6, 2018, for the first open call. The expected average funding per applicant is 50k€ with a maximum of 60k€ for one application experiment.

Details about the project, including available competencies, platforms and design centers, as well as all necessary guidelines, templates and eligibility documents are available at www.FED4SAE.eu.

The FED4SAE project, whose name is short for Federated CPS Digital Innovation Hubs for the Smart Anything Everywhere, is in alignment with the European Commission's Smart Anything Everywhere initiative.

An additional goal of the €6.7 million project is to assure the sustainability of the Digital Innovation Hubs network by setting it up to:


- Serve as an added value, one-stop-shop that facilitates cross-border partnerships between innovators and suppliers
- Link innovators to investors associated with the pan-European network of Digital Innovation Hubs to increase funding opportunities and enable the next steps of companies' development
- Develop cooperation with regional organizations and key stakeholders to acquire public and/or private investment to support FED4SAE network activities.

In addition to Leti, which is coordinating the project, participants that will help companies develop their CPS are:

- | | |
|--|---|
| • Intel Research and Development Ireland (Ireland) | • Fortiss GmbH (Germany) |
| • STMicroelectronics SRL (Italy) | • CSEM (Switzerland) |
| • STMicroelectronics Grenoble (France) | • KTH Royal Institute of Technology (Sweden) |
| • Thales SA (France) | • Budapest University of Technology and Economics (Hungary) |
| • AVL List GmbH (Austria) | • Cantabria University (Spain) |
| • Digital Catapult (UK) | • Blumorpho SAS (France) |
| • Fraunhofer-Gesellschaft (Germany) | |

About Leti (France)

Leti, a technology research institute at CEA Tech, is a global leader in miniaturization technologies enabling smart, energy-efficient and secure solutions for industry. Founded in 1967, Leti pioneers micro- & nanotechnologies, tailoring differentiating applicative solutions for global companies, SMEs and startups. Leti tackles critical challenges in healthcare, energy and digital migration. From sensors to data processing and computing solutions, Leti's multidisciplinary teams deliver solid expertise, leveraging world-class pre-industrialization facilities. With a staff of more than 1,900, a portfolio of 2,700 patents, 91,500 sq. ft. of cleanroom space and a clear IP policy, the institute is based in Grenoble, France, and has offices in Silicon Valley and Tokyo. Leti has launched 60 startups and is a member of the Camot Institutes network. This year, the institute celebrates its 50th anniversary. Follow us on www.leti-cea.com and @CEA_Leti.

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CEA Tech is the technology research branch of the French Alternative Energies and Atomic Energy Commission (CEA), a key player in innovative R&D, defence & security, nuclear energy, technological research for industry and fundamental science, identified by Thomson Reuters as the second most innovative research organization in the world. CEA Tech leverages a unique innovation-driven culture and unrivalled expertise to develop and disseminate new technologies for industry, helping to create high-end products and provide a competitive edge.

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