

# DigiFed - Digitising Europe's industry together

Are you a European start-up, SME or Mid-cap?

Are you ready to digitalize your products, reach new markets and expand your market share?

DigiFed can support your development of smart products!

Open call for Application Experiment (AE): DigiFed offers grants of up to **€ 55k** as well as technical and business support for the development of smart applications in Europe.

## IF YOU ARE:

- ✓ Developing innovative smart solutions worthy of market leaders.
- ✓ Bridging the physical and virtual worlds with advanced technologies and industrialized solutions.
- ✓ Interested in using premium resources and competencies to speed up solutions development.
- ✓ Wishing to access a unique European ecosystem composed of leading industrial companies, world-class research organizations, innovation accelerators and private investors.

## DIGIFED OFFERS YOU:

- ✓ Access to industrial platforms in the domain of embedded and cyber-physical systems (CPS).
- ✓ Product support aimed at bringing your innovations to target markets.
- ✓ **Up to € 55k in funding – representing 70% of your project's declared budget.**
- ✓ Added value to your product, through high-level technical expertise pooled by European research centres.
- ✓ Innovation management support focusing on sustainable business development – to help your innovation get to the market via DigiFed and the Smart Anything Everywhere ecosystem.
- ✓ Digital Innovation Hub (DIH) services to identify technical partners, commercial opportunities in Europe and receive tailored help, webinars and boot camps through the DigiFed project.

## DIGIFED IS OPEN TO PROPOSALS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING FIELDS:

- CPS / Embedded systems
- Smart applications
- Artificial Intelligence
- Connectivity/IoT
- Additive manufacturing
- Application-specific semiconductor technologies
- Heterogeneous integration and smart miniaturized systems
- Micro and nano bio-systems
- The energy efficiency of systems

Proposals shall be pan-European (EU member states or H2020 associated countries), encouraging cross-border collaboration:

- ✓ With partners/technologies facilitated by the DigiFed team
- ✓ With either a technology supplier or a customer (SME/RTO/Midcap/LE in Europe) of your choice.

If you have a promising innovative idea, we will help you to bring it to the market – **do not miss this opportunity and apply to the open call to realize your innovative solution!** Register at our portal and contact one of our networking/DIH partners who will assist you in proposal development. We will also match you with an appropriate advanced or industrial platform that best suits your needs!

**Call deadline: 15<sup>th</sup> December 2020, 5:00pm (CET)**

**Call acceptance: 10<sup>th</sup> February 2021**

**Call identifier: DigiFed02 call (OC2\_AE2)**

**Proposal language: English**

**Web page (full call text/proposal**

**guidelines/standard agreement): [www.digifed.org](http://www.digifed.org)**

**For further information please contact:**

[info@digifed.org](mailto:info@digifed.org)

Important DigiFed process guidance, rules, offered technologies and platforms can be found at [www.digifed.org](http://www.digifed.org) and in our Guide for Applicants.

**THROUGH OPEN CALLS, DIGIFED PROVIDES:**

- ✓ a unique marketplace organized as a one-stop-shop with access to leading-edge industrial platforms and several advanced technologies
- ✓ support through expertise, know-how, coaching, design support and tech transfer from our partners or DIH services.

**DIGIFED WELCOMES PROPOSALS ADDRESSING ANY SMART APPLICATION DOMAIN TARGETING:**

- ✓ CPS Software-intensive project: Building a system solution using existing programmable CPS software core platforms. The expected outcome of this kind of experiment is a SW prototype demonstrator running on a pre-identified platform (e.g. from DigiFed partner or external stakeholders).
- ✓ System integration project: Building a system solution using existing SW and HW components. This kind of AE requires access to a broad range of competencies (product technical experts, design kits, API, etc.). The expected outcome of this kind of experiment is an integrated system prototype demonstrator.

**DIGIFED OFFERS SEVERAL LEADING-EDGE TECHNOLOGIES AND INNOVATION MANAGEMENT EXPERTISES:**

**TECHNOLOGY**

- *AVL (Austria): Integrated and Open Development Platform.*
- *Budapest University of Technology and Economics (Hungary): LEDSBESMART platform and Versatile Reliability Tester*
- *CEA (France): Access to SECURE infrastructure for trusted IoT platform, establishing an environment to isolate trusted code executed or data manipulation by an IoT platform from an untrusted world*
- *Digital Catapult (UK): Access Future Network Lab supports, including a variety of IoT network technologies under one roof including LoRaWAN, SigFox, NB-IoT and LTE-M as well as 5G2*
- *Ikerlan (Spain): Ikerlan Konnekt solutions (industrial cybersecurity, dependable embedded systems, I&C technologies, HW & communication systems)*
- *Ljubljana University (Slovenia): Cloud DevOp; Electrical switch with Ethereum support; Designing effective digital solutions with stakeholders; IoT solutions design & prototyping; Big Data Analytics tool*
- *STMicroelectronics (France): STM32 PU & STM32 CMU enabling innovation applications for Smart industry, smart city, smart home and smart things*
- *STMicroelectronics (Italy): Physical digital transformation support with hardware & software tools for fast prototyping.*

**INNOVATION MANAGEMENT**

- *Blumorpho (France): Support in go to market strategy & innovation management; access to further funding and relevant training to attract private investors.*
- *Digital Catapult (UK): Innovation support (technical, business, open innovation) and training events.*
- *Ljubljana University (Slovenia): Designing effective digital solutions with stakeholders (SEROI+ methodology)*
- *Minalogic (France): Five levels of services on (I) Strategy positioning, (II) R&D innovation process, (III) Business development, (IV) Finance access and (V) Skills and training capacity building.*
- *Steinbeis-Europe-Zentrum (Germany): Development of Innovation strategies, especially in SMEs; Aid for the internationalisation as well as support for EU funding and projects*

Application Experiments can run from **9 to 12** months but must be completed by **12.31.2022**. The expected outcome of our Application Experiments is a demonstrator prototype with a high technology readiness level (TRL). The prototype may also be used as a first-generation product.

DigiFed targets 'small' companies (start-ups, small/medium enterprises and midcaps), including organisations with both, low and high digital maturity.

Interested start-ups, SMEs and mid-Caps from EU member states and H2020 associated countries are encouraged to review the offered platforms, technologies and testbeds at [www.digifed.org](http://www.digifed.org) and contact our project members to gather further details. Additionally, several boot camps are offered by the DIHs in order to support the applicants. Regarding the UK companies' status, more news will come soon.

DigiFed contributes to the European Commission Initiative to help digitize European Industry, the Smart Anything Everywhere Initiative (<https://smartanythingeverywhere.eu/>).