



Innovate  
UK



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# Innovate UK

Driving business innovation and impact

## Cascade funding round-up

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## Boosting Innovation for COVID-19 Diagnostic, Prevention and Surveillance



- Accelerating the development and commercialization of innovative solutions that tackle COVID-19, which have already been validated in lab environments, covering 4 topics:
  - Innovative diagnostic and screening systems
  - Environmental surveillance (community spreading)
  - PPE
  - Devices for telemedicine/telepresence
- Companies or small consortia of companies from healthcare / medicine / biotech / biopharma, and IT-related topics (e.g. robotics, automation, electronics etc.)
- €100k per project, 100% funding rate
- 2 remaining DEADLINES in 2021: 31 March, 31 May

<http://www.inno4cov19.eu/open-call/>

## Digital Innovations disrupting medical diagnostic value chains

- Support projects focusing on integrating digital innovations and disruptive technologies across the Medical Diagnostics and related value chains
- Prototyping vouchers:
  - Receive funding to prototype or conceptualise a solution for a digitalisation challenge in the Medical Diagnostics and related value chains
  - Up to €20k per SME and €60k per project support available, max. 3 entities per project
- Customised solution innovation voucher:
  - Jointly develop a novel product/ service based on an existing proven concept that addresses a digitalisation challenge in the Medical Diagnostics and related value chains
  - Up to €50k per SME and €150k per project
- Consortia must consist of minimum two SMEs from at least two different sectors
- DEADLINE: 3 February 2021

<https://digibcube.eu/open-calls/>

- Industrial challenges call, looking for SMEs to tackle the following:
  - Challenge 1: Can optimized spraying lead to improved environmental conditions?
  - Challenge 2: Can robots improve working conditions in the labour force in the fresh and processed food industry?
  - Challenge 3: Are robots in the livestock industry posing ethical challenges by replacing human labour with machines?
  - Challenge 4: What added value can harvesting robots bring compared to existing machinery solutions?
  - Challenge 5: What new business opportunities do robots for cleaning livestock farms bring?
- Up to €300k per project, 3 phases over 17 months
- Only single SMEs to apply
- DEADLINE: 20 January 2021

<https://agrobofood.eu/industrial-call/>



## Robotics for inspection and maintenance



- Robotics Innovation Experiment (RIE) consists of developing, testing and validating the technical and economic viability of a robotic system prototype demonstrated in an operational environment, addressing challenges in the following areas:
  - Water supply and sanitation
  - Energy generation and distribution
  - Oil and gas
  - Nuclear
  - Urban and suburban transport routes
  - Transport, cargo and mobility
- Up to €150k for a 'mini-consortium'
- DEADLINE: 17 March 2021

<https://rimanetwork.eu/open-call>



## European AI on demand platform and ecosystem



- Aiming to collect critical AI Challenges among the European Industry and provide support in addressing them with the EU funds, two call streams:
- Challenges call:
  - Receive funding of up to €10k to clearly define a challenge to be solved with AI
  - 6-months Support Program, working with at least 2 solution providers
  - Open until Q2 2021, first cut-off **26 January 2021**
- Solutions call:
  - Receive funding of up to €70k to collaborate with a Challenge Owner in the development of a solution to the challenge
  - 1st Call for Solutions will launch 25 February 2021 with deadline on **27 April 2021**

<https://ai4eu-opencalls.fundingbox.com/>



## HPC Innovation for SMEs

- FF4EuroHPC aims to facilitate access to high-performance computing-related technologies for SMEs and thus increases the innovation potential of European industry
- Call for proposals targets experiments involving SMEs with work plans built around innovation targets arising from the use of advanced HPC services
- Example activities include high-resolution simulations, doing large-scale data analyses, or incorporating AI applications into organisation workflows
- Projects with consortia requesting up to €200k
- DEADLINE: 27 January 2021

<https://www.ff4eurohpc.eu/en/open-calls/open-call/>



## Boosting technology and business development in South, Eastern and Central Europe



- Aims to build capacity amongst European stakeholders via the development of self-sustained, cross-border experiments that transfer knowledge and technology between academia and industry
- Targets Customised Low-Energy Computing (CLEC), Cyber-Physical Systems (CPS) and the Internet of Things (IoT) in environmental, agricultural or transport applications
- First call for Cross-domain Technology Transfer Experiments
  - Consortia with 3 different entities from at least 2 different countries including academic, industrial technology providers and industrial end-users
  - Must include one partner from target EU regions
  - Up to 12 month projects, up to €80k support on offer
- DEADLINE: 1 March 2021
- Other calls in development

<https://smart4all-project.eu/opencalls-apply-now/>



# HUBCAP

## Digital Innovation HUBs and Collaborative Platform for Cyber-Physical Systems



- Embracing digital innovation using model-based design technology (MBD) for Cyber-Physical Systems (CPSs)
- Looking for consortia of two SMEs to experiment with the adoption of MBD for CPSs using assets and services from the platform, in particular from SMEs with less prior digital experience
- Expect one user/one adopter SME and one provider SME per project, focusing on a clear business need from the user
- Projects of 4–6 months duration, €30,000 to €75,000 financial support per consortia
- DEADLINE: 4 March 2021
- Also running 'PULL' and 'INNOVATE' calls with various deadlines

<https://www.hubcap.eu/calls/experiment>



## Digitising businesses with Flexible and Wearable Electronics (FWE)



- Call for Application Experiments with the objective of providing support to digitalise businesses and access new markets by integrating Flexible and Wearable Electronics technologies (FWE) into advanced products and services
- Interested companies can apply to one of the following two topics:
  - Experimenting and testing end-product ideas with FWE technologies
  - Support to manufacturing of FWE based end-products including upscaling
- Focus on SMEs and mid-caps (up to 3000 employees)
- Up to €100k of support, of which €80k through vouchers spread over 9-12 months
- 3 remaining cut offs in 2021: 15 January, 7 May, 31 August

<https://smartees.eu/open-call-smartees2/>



## European Smart Textiles Accelerator



- Accelerating Smart Textile Entrepreneurship by Innovative Cross-regional, Cross-disciplinary and Cross-cultural Value Chains
- Looking for project proposals from SMEs and start-ups within the smart textile and related sectors
  - Projects must be focused on driving an existing prototype through the manufacturing chain or at least parts of it
  - Applicants must demonstrate the implementation of ideas for the tackle markets (Protection, Health and Well-being, Industrial) and add value to existing markets
- Up to €60k for SME led consortia
- DEADLINE: 15 January 2021 for EOI, applications by 15 February 2021

<https://www.smartx-europe.eu/expression-of-interest-0/>



## European cluster-led accelerator for digitisation of the circular economy across key emerging sectors



- Aims to permit SMEs to leverage digital technology as a key enabler for innovative circular products, services and business models
- 15 consortia, composed by at least 2 SMEs/ start-ups, developing innovative solutions addressing the circular cities challenges:
  - Autonomous cities
  - Waste
  - Sustainable consumption
  - Education
- Up to €120k per consortium, split in to 2 phases
- DEADLINE: 14 January 2021

<https://digicirc.eu/circular-cities/>

# AMable

## Additive ManufacturABLE

- Aims to create a new eco-system for the uptake of additive manufacturing
- Open call for Product Idea Pitches 1 (PIP1): looking for product ideas to be made using additive manufacturing
- €1k covering visiting costs to one of the AMable experience labs
- DEADLINE: 31 December 2020

<https://www.amable.eu/calls>

- METABUILDING ecosystem and platform: connecting stakeholders to bring opportunities and innovation to construction
- SEED call, innovation vouchers:
  - Aims to finance short interventions of technical, legal, financial, and business experts
  - Applications should demonstrate how the voucher will help an SME to validate an idea for an innovation project, evaluate the potential of a new idea or accelerate an existing innovation project
  - SEED Services must help contribute to the rejuvenation of the Construction sector by combining solutions, technologies and/or know-how from Digital Industry, Additive Manufacturing, Nature-Based Solutions and/or Circularity & Recycling
- Up to €5k per voucher
- Some geographical restrictions apply
- DEADLINE: 30 January 2021

<https://www.metabuilding.com/seed-call/>

- MARKET4.0 develops an open multi-sided digital platform for enabling production equipment and service providers to connect and work together with manufacturing companies
- Aiming to fund equipment and service providers to help populate and build the platform, through 3 different types of project:
  - Type A: Equipment providers and partners who can help them engage with the platform (e.g. software specialists), focus on metal processing machines, plastic forming or high tech equipment (e.g. medical, electronics manufacture)
  - Type B: Applicants developing/offering apps to extend the functionality of the platform
  - Type C: Consortia opening up the platform to new equipment providers and services
- Up to €100k for type A, €50k for type B and €250k for type C, focus is on SMEs and digital technology partners
- DEADLINE: 28 January 2021

<http://market40.eu/open-calls/>



## European incubator for trusted and secure data value Chains



- REACH is a European-wide incubator for data-fuelled start-ups & SMEs that aims to facilitate the development of trusted and secure innovative solutions based on industrial and personal data
- Open call for start-ups/SMEs has 3 tracks:
  - Address cross-sectorial Data Value Chain (DVC) themes defined by European Digital Innovation Hubs
  - Tackle challenges defined by REACH Data Providers according to the needs detected in their market
  - Apply with a data provider to tackle a bottom-up data value chain challenge
- 3 phases: €5k explore, €80k experiment, €15k evolve - €20k prize plus funding support
- DEADLINE: 15 February 2021

<https://www.reach-incubator.eu/open-calls/startups/>



## Data-driven innovation hub for the media value chain

- Reshaping the media value chain through responsible and innovative uses of data
- Looking for startups and artists from the media field, working with data, looking at 4 challenges:
  - Viral complexity: misinformation related to coronavirus
  - Building bridges in society
  - New media-tors, tackling misinformation
  - Open challenge
- €40k for artists, up to €80k for start-ups
- DEADLINE: 28 January 2021

<https://mediafutures.eu/opencall/>



D A P S I

## Data Portability and Services Incubator



- Develop technology solutions and services in the data portability field
- Four topic areas
  - Service portability
  - Data compatibility and interoperability
  - Security and privacy
  - Open (bottom up) related to data portability and services
- Up to €100k kick start, followed by €50k booster, 9 month programme
- DEADLINE: 20 January 2021

<https://dapsi.ngi.eu/apply/>



## Next Generation Internet

### Software ecosystem for trusted, traceable & transparent ontological knowledge



- Provide funding to internet innovators for developing Blockchain-based knowledge management solutions that address the challenge of secure and transparent knowledge management as well as service interoperability on the Internet
- Call aims to establish the ONTOCHAIN framework as a human-centric, decentralised & trustworthy solution based on available technologies for applications in various end-user domains
- 3 phase call, over 7 months
- Up to €94k for single applicant, €123k for teams
- DEADLINE: 15 January 2021

<https://ontochain.ngi.eu/apply>



## Next Generation Internet

### Development, integration and adoption of self sovereign digital identities



- Aims at advancing the broad uptake of Self-Sovereign Identities (SSI) as a next generation, open and trusted digital identity solution for faster and safer electronic transactions via the Internet and in real life
- Infrastructure orientated call:
  - Targets the provision of open source components, for example the SSI-Roles layer, the SSI Protocols or the Crypto layer
  - Interoperability, scalability or features that provide generic business benefits are required
  - Up to €155k, deadlines 4 January 2021 and 30 June 2021
- Business orientated call:
  - Extension of the eSSIF-Lab basic infrastructure/architecture with business solutions that makes it easy for organizations to deploy and/or use SSI
  - 3 stage 8 month accelerator programme, up to €106k
  - Next deadline TBA Spring 2021

<https://essif-lab.eu/open-calls/>



## Next Generation Internet Zero Search and Discovery



- NGI Zero Discovery will support new ideas and core technologies improving internet search and discovery
- Seeking project proposals between €5k and €50k – with the potential to scale them up if there is proven potential
- Key objective is to deliver potential break-through contributions to the open internet
- Targets innovators, developers, SMEs, researchers
- Rolling 2 month deadline, next cut-off **1 February 2021**

<https://nl.net.nl/discovery/>

# What is BlockStart?

- BlockStart is a **3-stage intensive mentor-led programme** that aims at fostering blockchain adoption among startups in **retail, fintech** and **ICT** sectors
- Main goal is to facilitate business-focused **partnerships** between DLT/blockchain solution providers and end-user SMEs
- **€795,000** equity free to support **60 tech startups** and **60 SMEs**
- BlockStart is run by **Bright Pixel** (an early-stage investor), **CIVITTA** (a consultancy firm) and **F6S** (a global community of startups)

# What does it offer?

Startups accepted into BlockStart will have access to a variety of perks, including:



**Equity-free funding:** up to €20,000 for each DLT/blockchain solution providers | up to €4,500 for each end-user SME



**Market validation:** a 3-stage acceleration programme that helps fine-tune, test and demo the solution with real users



**Growth support:** access to personalized mentoring, training and additional resources



**Network and community:** access to clients and potential investors and showcase of the solution

### Objectives

One of the main objectives of BlockStart is to encourage collaboration between end-user SMEs and blockchain startups. During the pilot stage of our Open Call #2, eligible SMEs will have the chance to implement the solutions developed by startups

### Who's eligible?

An SME (i.e., Complying with the EC criteria for an SME) located in an EU MS or an H2020 AC, able to adopt blockchain solutions

### Focus sectors/domains

Fintech, ICT and retail

### Available funding

**Up to €3,000 grant** for each end-user SME for their participation at the programme's pilot stage

### Timeline

Until 11 March 2021 5pm CET-Brussels Time

### Where to apply

<https://www.f6s.com/blockstartcallforend-usersmes2/apply>

### More information

<https://www.blockstart.eu/adopters/>

**We currently have 10 startups in our 2nd Acceleration Programme. See if any of them match your blockchain needs: <https://www.blockstart.eu/our-startups/>**

## Objectives

Startups accepted into BlockStart will have access to a 3-stage mentor-led programme, which includes equity-free funding, market validation, growth support, access to potential clients (i.e., end-user SMEs) and investors and the showcasing of their solution

## Who's eligible?

Seed, early and growth-stage startups in the form of SMEs (i.e., Complying with the EC criteria for an SME) that provide innovative blockchain-based solutions, located in an EU MS or H2020 AC

## Focus sectors/domains

Fintech, ICT and retail

## Available funding

**Up to €20,000 grant** for each blockchain startup

## Timeline

Between 15 March 2021 and 19 May 5pm CET-Brussels Time

## Where to apply

<https://www.f6s.com/blockstart>

## More information

<https://www.blockstart.eu/open-calls/>  
<https://www.blockstart.eu/open-calls/faq/>

**We will officially open our Open Call #3 on 15 March.**  
**Keep an eye on our website: <https://www.blockstart.eu/>**



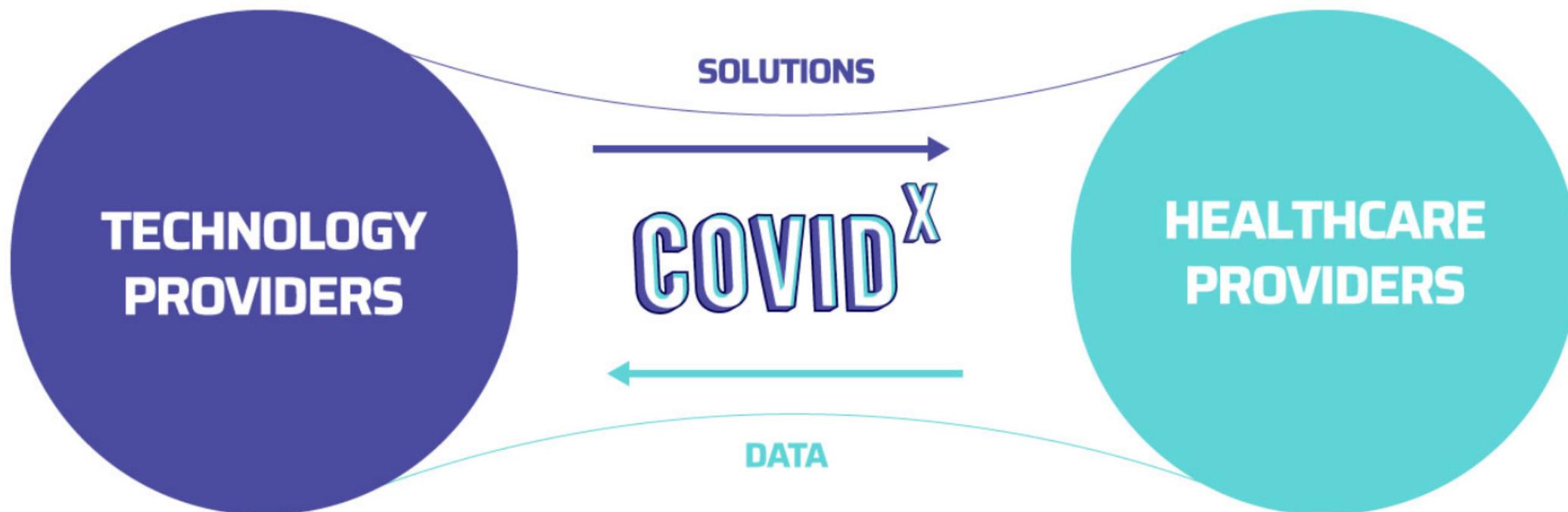
ASSURE

## Next Generation Internet Trustworthy and secure



- Looking for technical R&D projects that provide some form of assurance regarding any aspect of the internet and the way we use it today or will use it tomorrow
  - How do we know whether some person is who she claims to be?
  - How can we tell a specific resource on the internet is genuine?
  - How do we assert provenance and integrity?
  - And how can we make this transparent and privacy friendly?
- We prefer concrete and viable outcomes
  - Technology you propose should be relevant to the long term evolution of the internet and in the interest of actual internet users in the real world.
  - Show us that your idea solves a problem, and what you need to make it happen
- Seeking project proposals between €5k and €50k – with the potential to scale them up if there is proven potential
- Call deadline **1 February 2021**, application is an online form

<https://www.assure.ngi.eu/open-calls/>



<https://www.covid-x.eu/program/>