



Smart Anything Everywhere

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Objective:

- To accelerate the design, development and uptake of advanced digital technologies by European industry - especially SMEs and mid-caps - in products, and especially in sectors where digital technologies are underexploited

How:

- By innovations actions that group together Digital Innovation Hubs that support SMEs and midcaps to experiment with advanced digital technologies

Expected Impacts:

- Attract a significant number of new users of advanced ICT, and more innovative technology suppliers, in particular SMEs and mid-caps.
- Creation of a sustainable network of Digital Innovation Hubs
- Availability of Digital Innovation Hub services across Europe and its regions with strong industrial capacities

Key results – Cyber Physical Systems

DIH4CPS



- Area 1 - Cyber-physical and embedded systems
- Creates a network of DIHs and solution providers with knowledge and technologies from different domains and connecting regional clusters with the pan-European DIHs.
- Builds on an existing DIH network, adding value to its knowledge and guaranteeing its sustainability.

DigiFed

- Area 1 - Cyber-physical and embedded systems
- Encourages the digital technologies for SMEs with a focus on non-digital businesses.
- Deploys a business plan for the DIHs sustainability.
- Provides support mechanisms for SMEs to foster the introduction of digital technologies in their product and service offerings.

HUBCAP



- Area 1 - Cyber-physical and embedded systems
- Builds on 7 established DIHs in 7 EU countries, each embedded in its regional innovation ecosystem, offering technical expertise, experimental capabilities and knowledge in CPS application domains.
- Cloud-based open collaboration platform with a 'sandbox' capability to help users trial new technology.

Key results

SMART4ALL

- Area 2 - Customised low energy computing powering CPS and the IoT
- Builds capacity amongst European stakeholders via the development of cross-border experiments that transfer knowledge and technology between academia and industry.
- Helping South Eastern Europe to find the path to market via new, innovative commercial products.



SmartEEs2

- Area 3 - Flexible and wearable electronics
- Uptakes Flexible & Wearable Electronics enabling use cases, where OLAE can valorize its uniqueness.
- Pan-EU collaboration network of Regional DIHs promoting the best quality level of digitalisation experience providing experimentation, testing or support to manufacturing.



Smart4Europe2

- CSA
- Coordinates the SAE initiative.

BOWI

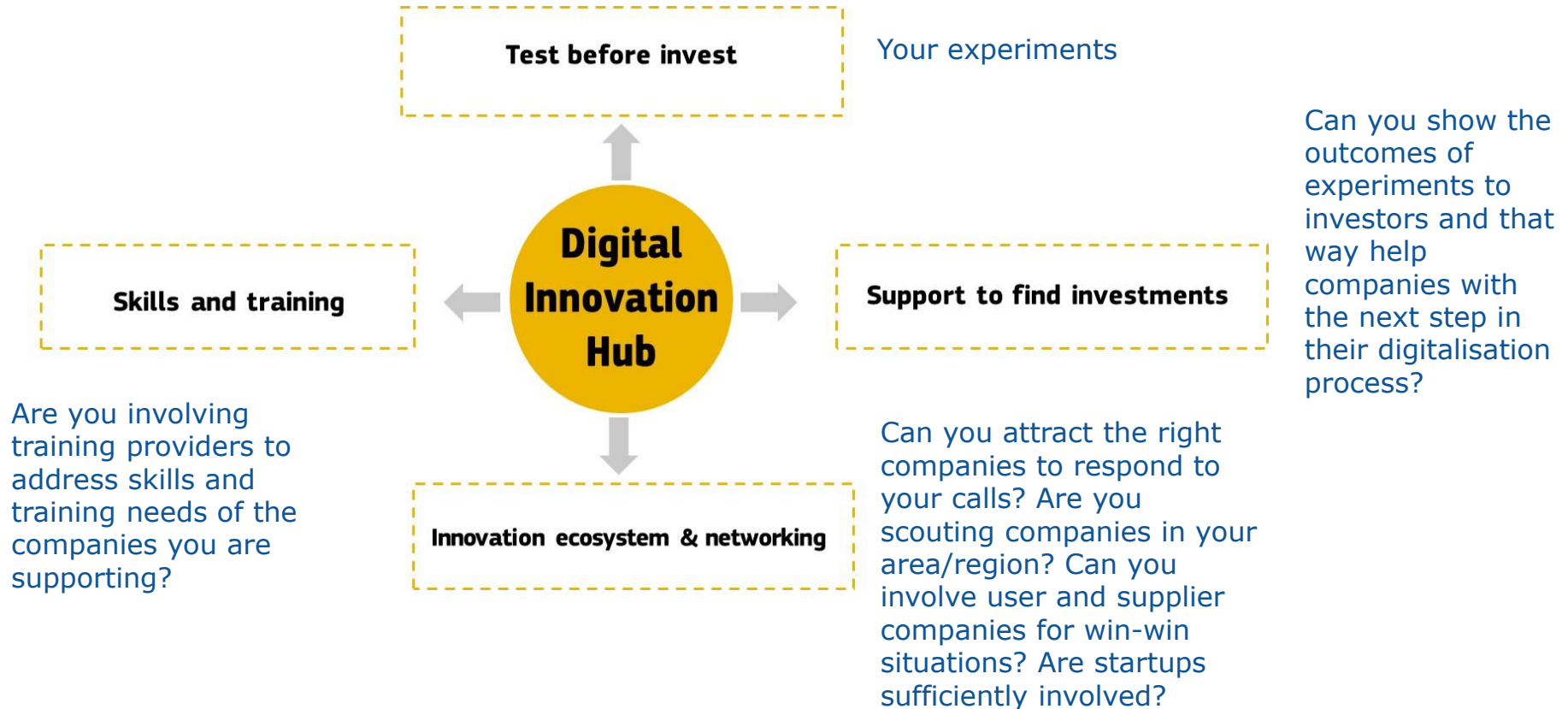
- Area 4 - Widening Digital Innovation Hub
- Creates a DIH widening network that supports the collaboration of new DIHs in regions where SAE and I4MS technologies are underrepresented and well-established DIHs that are highly experienced in these technologies.

Number of SMEs and experiments foreseen (Retained proposals)

Proposal	No of DIHs	Target No of DIHs / CCs	Partner SMEs	Targeted No of SMEs (TP)	No of Experiments	FSTP (%)	FSTP	Total Budget for SMEs
SMART4ALL	1	15	8	60	67	28%	2.264.000 €	60%
DIH4CPS	13	33	18	10	21	22%	2.000.000 €	58%
DigiFed	7	11	2	60	40	44%	3.730.000 €	52%
HUBCAP	7	60	6	150	40	38%	3.200.000 €	55%
BOWI	9	36	2	60	60	60%	4.800.000 €	70%
SmartEEs2	8	11	3	43	43	34%	2.920.000 €	53%
Total	45	166	39	383	271			

FSTP	18.914.000 €	39%
Funding alloc.	29.895.201 €	61%
	48.809.201 €	

Digital Innovation Hubs support companies – in particular SMEs – and public organisations in their digital transformation





Digital Innovation Hubs in the next MFF (2021-2027)

Allocated at European level

Horizon Europe: Support to SMEs and mid-caps to experiment with latest digital technologies in a cross-border setting.

Digital Europe: Support to facilities and personnel - focus on broad roll-out of the latest digital innovations across SMEs and administrations.

InvestEU: Incentives and risk reduction programmes to help companies find follow-up investment to further complete their digital transformation.

Continuation of H2020 actions like I4MS, SAE

Allocated at national level

European Regional Development Fund: Investments to strengthen local operations of DIH – can be used for co-financing EDIH



FIVE FOCUS AREAS UNDER DIGITAL EUROPE PROGRAMME:



Supercomputing



Artificial
Intelligence



Cybersecurity
and Trust



Advanced
Digital Skills



Ensuring
the wide use of
digital technologies
across the economy
and society

Text of the partial agreement:

<https://data.consilium.europa.eu/doc/document/ST-7058-2019-INIT/en/pdf>

Document “European DIHs in Digital Europe Programme”

<https://ec.europa.eu/digital-single-market/en/news/draft-document-dihs-digital-europe-programme-call-feedback>



EU support for strengthening the capacity of hubs: software and hardware facilities and employees



Co-investment with Member States and Regions



Focus on industry and public services administrations



Focused on HPC, AI, Cybersecurity, Digital Skills and public sector solutions



A strong European network of EDIH – 130 to 260 hubs geographically spread over Europe



2 Step Selection Process

Member States	European Commission	Candidate Entities
	Launches the expression of interest	
Propose candidate entities through an open and competitive process		
	Takes a Commission Decision on initial network	Are invited to networking event in Luxemburg and have other networking opportunities
	Issues a restricted call for proposals	
		Submit proposals
	Evaluates proposals with external experts	
	Ranks proposals balancing geographical, technological and sectoral coverage, with advice of MS	
Endorse the ranked proposals (MS committee)		

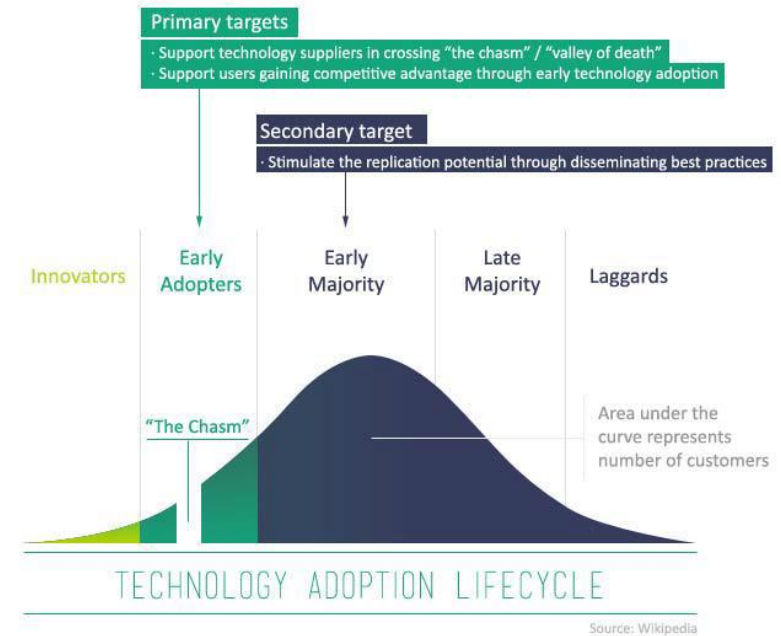


Next steps for European Digital Innovation Hubs

- Finalisation of budget discussion next Multi-annual Financial Framework
- Communication campaign with MS to mobilise community, after Covid-19 crisis
- Designation of hubs by MS, possibly by Sept 2020
- European Digital Innovation Hub networking event in Luxembourg: 21, 22 October 2020
- Restricted call: Q4 2020

What does this mean for you? (1)

- Your task will be to encourage and support highly innovative, cross border experiments that address the needs of companies that want to include digital into their products
- It should also bring opportunities for technology supplying companies, who can get early customers for their products or build ecosystems around their platforms
- You should be the broker between the two categories and provide technical support for a successful experiment.
- **Watch out for usual suspects!**



What does this mean for you? (2)

- Links with your local ecosystem need to be established:
 - Innovation agency
 - Local government
 - Local industry associations, chamber of commerce, clusters
 - Local incubators, startups, accelerators
 - VCs, banks for follow up financing
 - Training providers to tell them about upcoming needs for reskilling the workforce of the companies participating in the experiments
- ⇒ This will be essential for long term sustainability and more impact.

You need to be visible to your Member States, and participate to their selection process to be designated in the context of Digital Europe Programme.

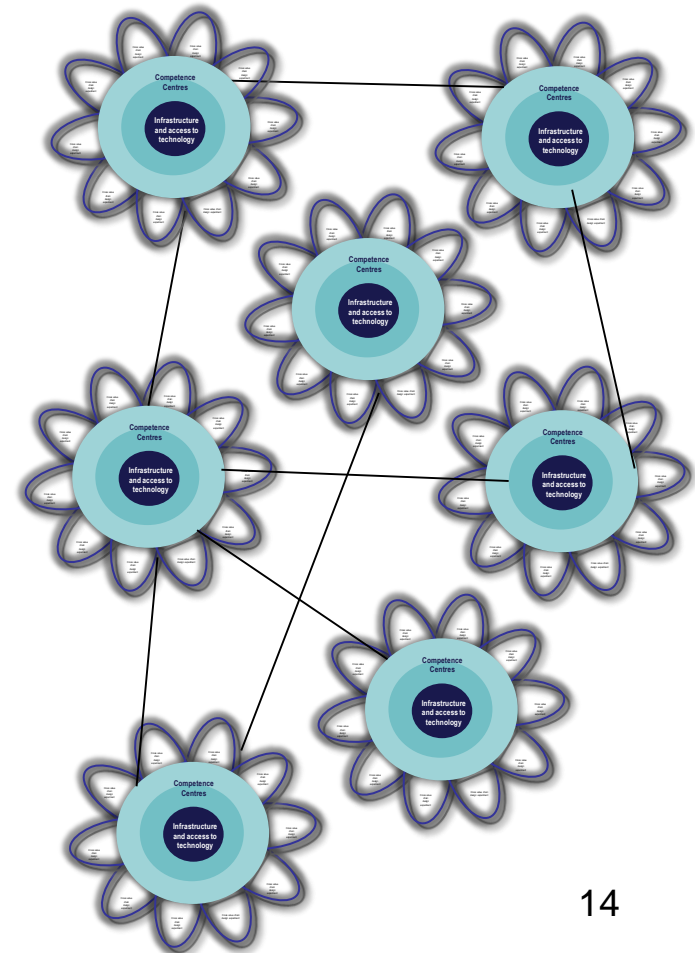
Collaboration needed!

To build a EU-wide network of Digital Innovation Hubs

Collaborate with other IA's and the CSA
Become visible in the catalogue of DIHs
(<https://s3platform.jrc.ec.europa.eu/digital-innovation-hubs-tool>)

Provide success stories that could be replicated by other DIHs

If there are missing competences, see how other DIHs could fill gaps.





Recommendations from evaluators

- If you develop a marketplace in your project, see if it makes sense to join forces with other projects/CSA on a common marketplace
- Protection of IPR of the SMEs will be very important



Can you do anything to help with the COVID-19 crisis?

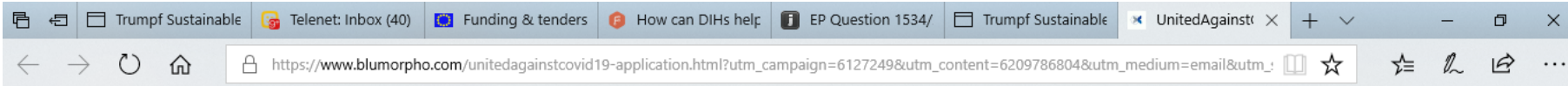
Webinar:

- <https://spaces.fundingbox.com/spaces/dihnet-eu-community-how-can-dihs-help-in-times-of-covid>
- Join the working groups on the DIHNET space, esp. the one on Proposals for DIHs updating their offering
- We are looking for “pledges” of projects on how they can help.
- Possible to reorient open calls to more direct support to SMEs to survive the crisis. Please discuss with your PO for concrete ideas.



European Commission

Example



ACTIONS ▾

MEET US ▾

CALLS FOR BUSINESS

INSIGHTS

ABOUT US

SIGN-IN

LET'S TALK



Together against the Covid-19 pandemic

Application form

If you wish to review your application and edit it later, please [sign-in](#) or [create your account](#).

ACCOUNT INFORMATION

Name *

First name

Last name

Organization *

Job title / Position *

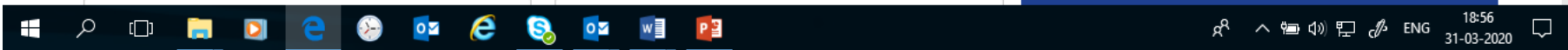
Business email *

Company website *

#UnitedAgainstCovid19 Call

A call for solutions #UnitedAgainstCovid19 is opened with no limitations.

All solutions will be evaluated by EuroScan international networks members and cooperation partners from Health Authorities and experts to disseminate and facilitate their use. As soon as your solution is assessed, it will





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Further information

Website SAE: www.smartanythingeverywhere.eu