

DIGITAL INNOVATION CHALLENGE

LOS RETOS DE LA INNOVACIÓN DIGITAL



The role of Digital Innovation Hubs in Digital Europe Programme

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The need for digitalisation

European companies are not making the most of all the opportunities digital has to offer

Highly digitised companies across Europe

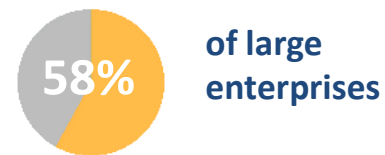
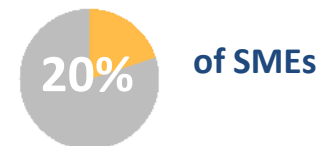
Countries



Sector

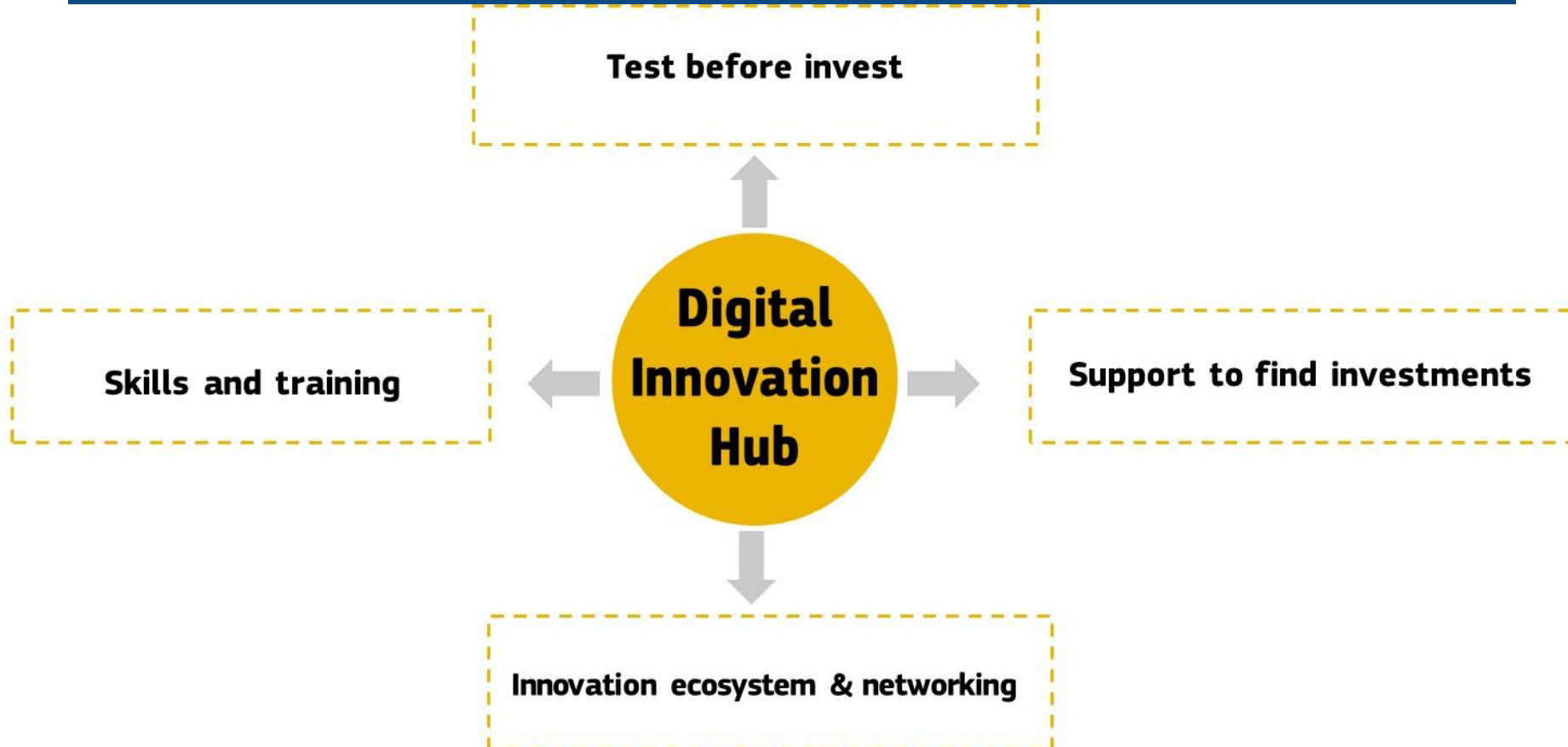


Size



Digital Innovation Hubs

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



- a. Be part of a regional, national or European policy initiative to digitise the industry;
- b. Be a non-profit organisation;
- c. Have a physical presence in the region and present an updated website clearly explaining the DIHs' activities and services provided related to the digital transformation of SMEs/Midcaps or industrial sectors currently insufficiently taking up digital technologies
- d. Have at least 3 examples of how the DIH has helped a company with their digital transformation

Search

Enter any search term

Countries

1 selected ▼

Evolutionary Stages

1 selected ▼

Technical Competences

None selected ▼

Services Provided

None selected ▼

Focus on TRL

None selected ▼

Market sectors

None selected ▼

SEARCH

Contact us in the following email: JRC-B3-DIH@ec.europa.eu

Click on the following link if you want to propose new HUB.

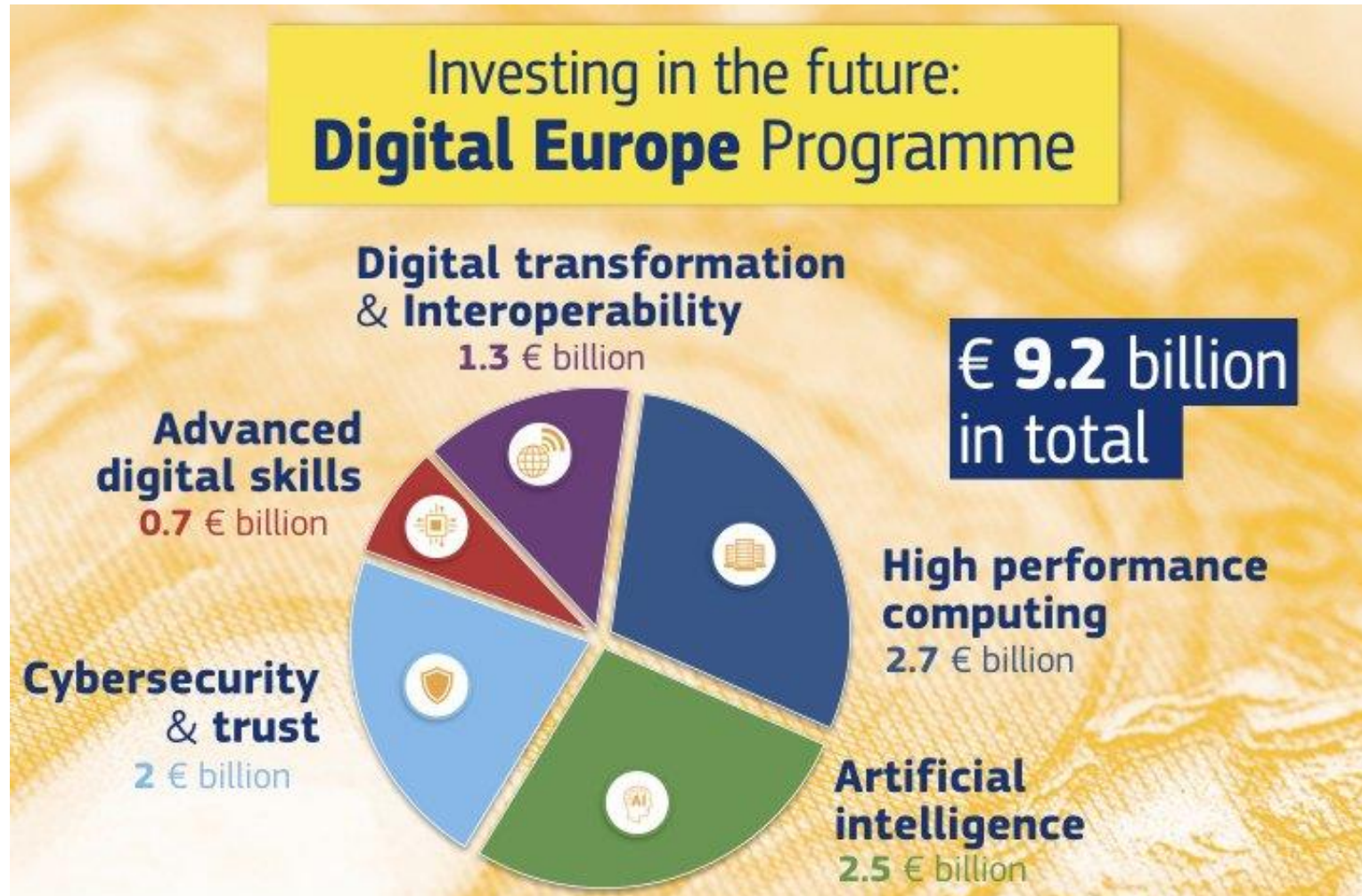
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Fully Operational In preparation No longer in operation

- <http://s3platform.jrc.ec.europa.eu/digital-innovation-hubs-tool>

- **Approx. 240 Digital Innovation Hubs in the EU**, covering 120 NUTS2 regions (out of 281)
- **Various geometries (size, sector, technology)**
- **Funded through regional, national or EU programmes**
- **Self-declaration checked against criteria**

Digital Europe Programme



Digital Innovation Hubs at a glance

Bringing the benefits of digital technologies to all our businesses across the European Union



EU support for one DIH per region



Co-investment with Member States



Focus on SMEs and public services



Focus on HPC, AI, Cybersecurity and Digital Skills



A strong European network of Digital Innovation Hubs

EU invests where Regions/Member States invest

EU	EU countries	EU regions
<p>Add value @ EU-level through grants</p> <ul style="list-style-type: none">• Create EU-wide network of DIHs• Access to expertise and open-up testing facilities across EU	<p>Support DIHs and SMEs through national strategies</p> <ul style="list-style-type: none">• Propose regional spread, in collaboration with regions• Provide funding and incentives	<p>Set-up and reinforce regional DIHs, including actions for SMEs & public sector</p> <ul style="list-style-type: none">• Support local needs, smart specialisation• Through local funds and ERDF

Joint selection process: EC and Member States

EC defines criteria for DIH selection based on

- Input from Member States
- Basic Act
- Financial Regulation



Expression of Interest by EC directed to MSs

MS designate a list of entities that:

- Fulfil the criteria
- Will get or already got co-investment
- Based on open and competitive process



EC issues a restricted Call to entities designated by MSs

Designated entities submit proposals that are evaluated by the Commission with the support of external experts.

EC selects from those proposals exceeding the pre-defined quality threshold balancing

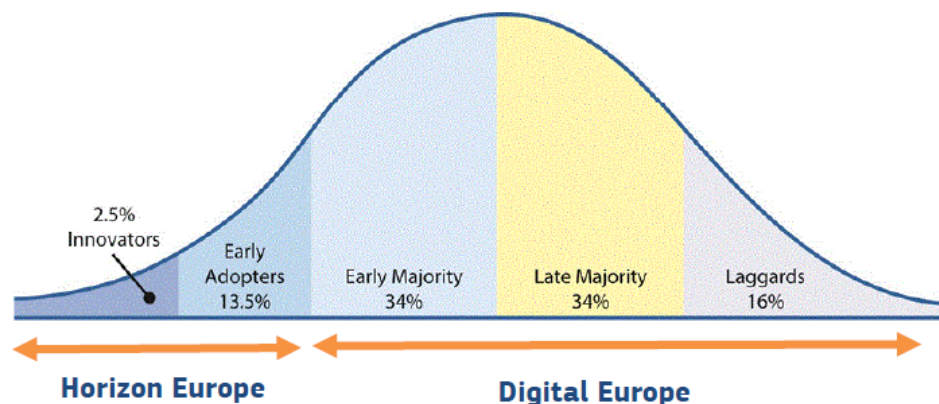
- regional coverage
- technology coverage
- sector coverage

[Endorsement by MS committee]

Gaps of the first selection will be filled in by further selections done through open and competitive calls of the EC

Complementarity with other Programmes MFF 2021 - 2027

Technology adoption curve



Timeline:

- Preparation of new Programmes: 2019/20
- Envisaged start: 1 January 2021

Allocated at
European level

Allocated at
national level

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

Digital Europe: Digital transformation of SMEs and administrations across the whole economy, with a focus on AI, HPC, cybersecurity and digital skills

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

European Regional Development Fund: Investments allocated by the Member States and regions to build-up or strengthen the Digital Innovation Hubs infrastructures in their territories, and to reduce the digital divide

Planned calls on AI Hubs in 2020

DT-ICT-03-2020: I4MS (phase 4) - uptake of digital game changers in manufacturing: 70 M€

- Smart modelling, simulation, and optimisation for digital twins
- Laser based equipment in advanced and additive manufacturing
- Innovative Artificial Intelligence in manufacturing
- Cognitive autonomous systems and human-robot interaction
- Widening Digital Innovation Hubs

DT-ICT-05-2020: Big Data Innovation Hubs 30,5 M€

Deadline 13 nov 2019

DT-ICT-04-2020: Photonics Innovation Hubs 19 M€

Deadline 22 april 2020

Conclusions

- **There are many barriers related to uptake of digital technologies**
- **“Test before invest” service should help companies to decide on further investments for their digital transformation**
- **Together with Member States and Regions the EU will invest in one Digital Innovation Hub per region forming a network**

Further information

- **Digital Innovation Hubs**

<https://ec.europa.eu/digital-single-market/en/digital-innovation-hubs>

- **Digital Innovation Hubs in Digital Europe**

<https://ec.europa.eu/futurium/en/digital-innovation-hubs/digital-innovation-hubs-digital-europe-programme>

- **Catalogue of Digital Innovation Hubs**

<http://s3platform.jrc.ec.europa.eu/digital-innovation-hubs-tool>

- **Digital Europe Programme**

https://ec.europa.eu/commission/publications/connecting-europe-facility-digital-europe-and-space-programmes_en