



# The role of the European Digital Innovation Hubs in the Digital Decade

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*DIH Ecosystem building Event,  
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# Horizon 2020 vs Digital Europe Programme

- Smart Anything Everywhere (SAE) is funded through H2020 – aim is to support SMEs that want to include digital innovations into their products, with the help of digital innovation hubs
  - Uses open calls to select SMEs to carry out innovation experiments
- Digital Europe Programme will select 200 European Digital Innovation Hubs, and will give each of them a grant to strengthen their capacity by investing in better hardware and software, and hiring more people. Each of these hubs will provide innovation services to SMEs and/or public sector.
  - Selection process by national authority and European Commission

SAE provides opportunity to get access to relevant knowledge and experience to become a successful EDIH

# 2030 Digital Compass Ambition



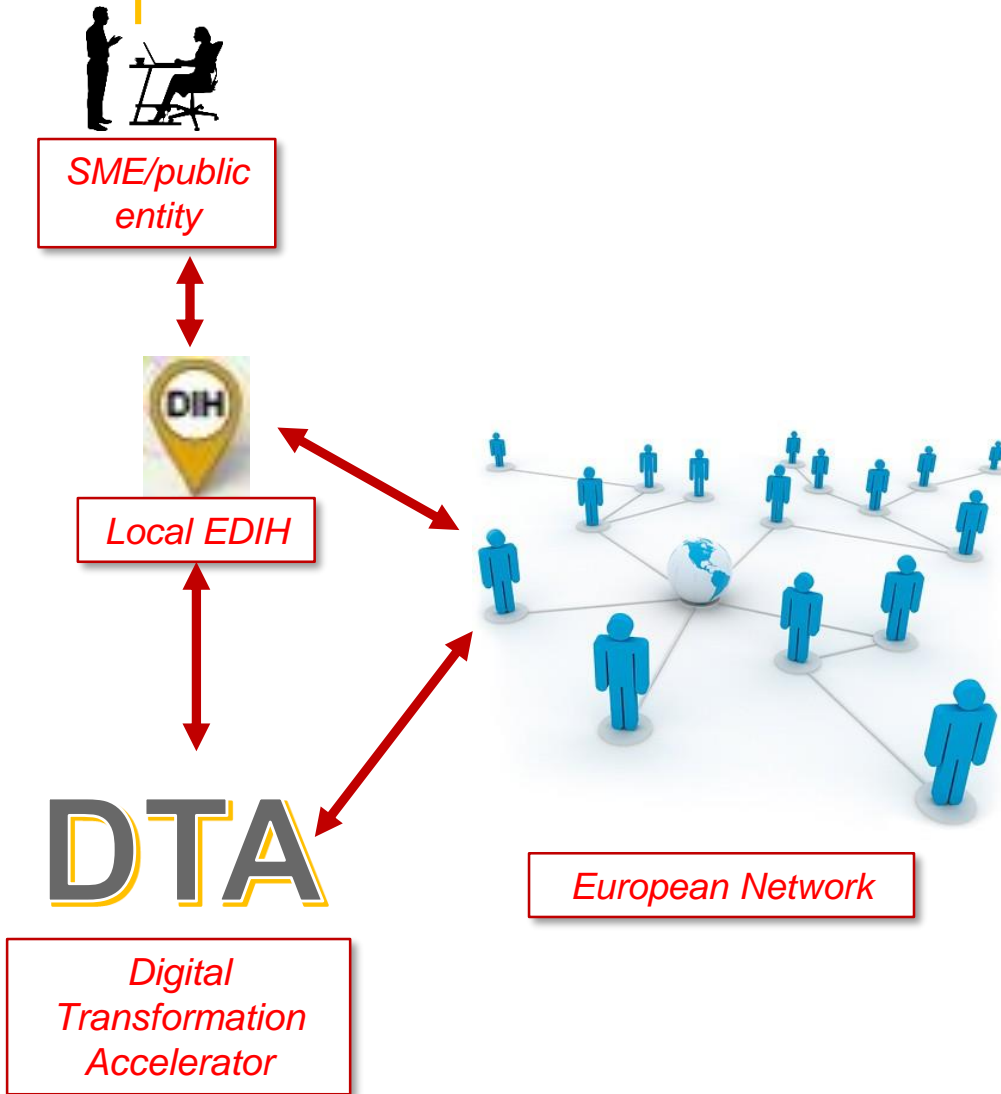
## 2030 DIGITAL COMPASS

THE EUROPEAN WAY  
FOR THE DIGITAL DE

Titles adapted for readability purposes – full version with details and sources available in [COM\(2021\) 118](#)

		EU Baseline	2030 Target
Skills	ICT specialists (nbr employed)	7.844.100	20.000.000
	<i>Gender distribution</i>	18% of women	convergence
	Basic digital skills	56%	80%
Infrastructures	Gigabit coverage	59%	100%
	5G in all populated areas	14%	100%
	Semiconductors (EU share of global production)	10%	20%
	Edge/Cloud (nbr of nodes)	0	10.000
	Quantum Computer	0	1
Business	Cloud Uptake	26%	75%
	Big Data Uptake	14%	75%
	AI Uptake	25%	75%
	SMEs with at least basic level of digital intensity	61%	90%
	EU Unicorns (nbr)	122	250
Government	Key Public Services Online (service completion score)	75	100
	Medical records availability	N.A.	100%
	Digital Identity Adoption	N.A.	80%

# Network of 200 European Digital Innovation Hubs



EDIHs will:

- Offer support for digital transformation which is adapted to local needs, based on a specialisation
- Build regional ecosystems of users and suppliers, strengthening local innovation environment
- Connect to the whole of Europe through the network:
  - Share best practices with other hubs
  - Connect local SMEs to SMEs outside the region, building new value chains in Europe
  - Disseminate digital capacities of Digital Europe Programme to local community

# 2-step selection process for EDIHs

## Specialisation

AI	HPC	Cyber-security
211	95	137

- **27 countries** have preselected their candidate entities
  - 26 Member States + Norway
  - Portugal, Iceland, Liechtenstein are finalising their process

- **337 EDIH candidates** pre-selected by the countries, see <https://s3platform.jrc.ec.europa.eu/digital-innovation-hubs-tool>

- Digital Europe Programme restricted call will open 17 November 2021 (tbc)
- Start of the network in September 2022

## Other digital technologies

Automation	Big Data	Blockchain	Cloud	Communication technologies / 5G	IOT	Micro-electronics/ Photonics	Advanced materials	Robotics	Virtual Reality
17	58	34	35	48	74	35	34	63	45

## Sectors

Agrifood	Automotive	Construction	Creative industry	Health	Public sector	Life sciences	Logistics	Manufacturing	Mari-time	Mobility	Skills	Social care	Sustainability	Tourism	Energy
64	20	29	19	80	105	16	38	139	24	57	86	6	66	26	32



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

DIHs	Candidate European DIHs
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Map of Europe showing the number of EDIHs in each country. The numbers are: 3 (Finland), 2 (Norway), 6 (Sweden), 9 (Estonia), 2 (Denmark), 20 (Denmark), 6 (Lithuania), 19 (Poland), 45 (Netherlands), 51 (Germany), 2 (Ireland), 20 (France), 2 (Spain), 40 (Italy), 21 (Italy), 37 (Italy), 21 (Romania), 12 (Greece), 4 (Malta), 2 (Cyprus), 2 (Syria), 2 (Iraq), 2 (Iran), 2 (Israel), 2 (Jordan), 2 (Lebanon).

 [Export contact list to excel](#)

Hub Name	Location	Contact	Phone	Email	Website
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# Why do EDIHs want to collaborate?

- They do not have the required expertise/facilities to help their customers (normal if you are specialised)
- They want to serve all European companies that can benefit from their expertise
- They want to learn from others in the network and show others their best practices
- They want to achieve economies of scale and invest in common services and facilities with other EDIHs
- They want to support their local SMEs to become part of European value chains

# Types of networking

## Structural

- Common services
- Joint investments in infrastructure

## One off

- Based on specific needs of customers
- Through match-making facilitated by the Digital Transformation Accelerator

## Exchange of best practices

- Through subnetworks sharing certain interests, e.g. technological, sectorial, demographics, etc
- Organised by the Digital Transformation Accelerator



# Documentation available

- **European Digital Innovation Hubs** <https://digital-strategy.ec.europa.eu/en/activities/edihs>
- **European Digital Innovation Hubs in Digital Europe Programme** -Draft working document – update 25-01-2021 <https://europa.eu/!Tv43JN>
- **Practical Handbook on Digital Innovation Hubs** as policy instruments to boost digitalisation of SMEs <https://europa.eu/!tH89cf>
- **FAQ** [http://ec.europa.eu/newsroom/dae/document.cfm?doc\\_id=68322](http://ec.europa.eu/newsroom/dae/document.cfm?doc_id=68322)
- [Specific guidance document](#) for collaboration between EDIH, EEN and Clusters
- **Webinars on various topics** <https://digital-strategy.ec.europa.eu/en/news/cycle-workshops-european-digital-innovation-hubs>

## Newsletter

- Subscribe to Information on upcoming events and further news from CNECT A4 unit at the following link: [Europe's eusurvey Newsroom \(europa.eu\)](#)

# Webinars on various topics

- **18 November 2021, 10.00 – 12.30 (tbc):** Information day on EDIH call, including co-funding, eligible costs and state aid.

## Past Events - Presentations and video links

- **2 March 2021:** [\*EDIH and collaboration with EEN and clusters\*](#) (organised by DIHNET)
- **18 March 2021:** [\*Overview of already existing tools and services that CSAs of H2020 have developed that EDIHs can use for the development of their own services\*](#)
- **13 April 2021:** [\*Collaboration between different EDIHs in the network, including trans-national cross-border hubs and corridors\*](#)
- **18 May 2021:** [\*Digital Maturity Tool and the Innovation Radar\*](#)
- **1 and 2 June 2021:** [\*Leading the Digital Decade\*](#)