Introduction and aim of European Digital Innovation Hubs

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2030 Ambition – Where are we now ?

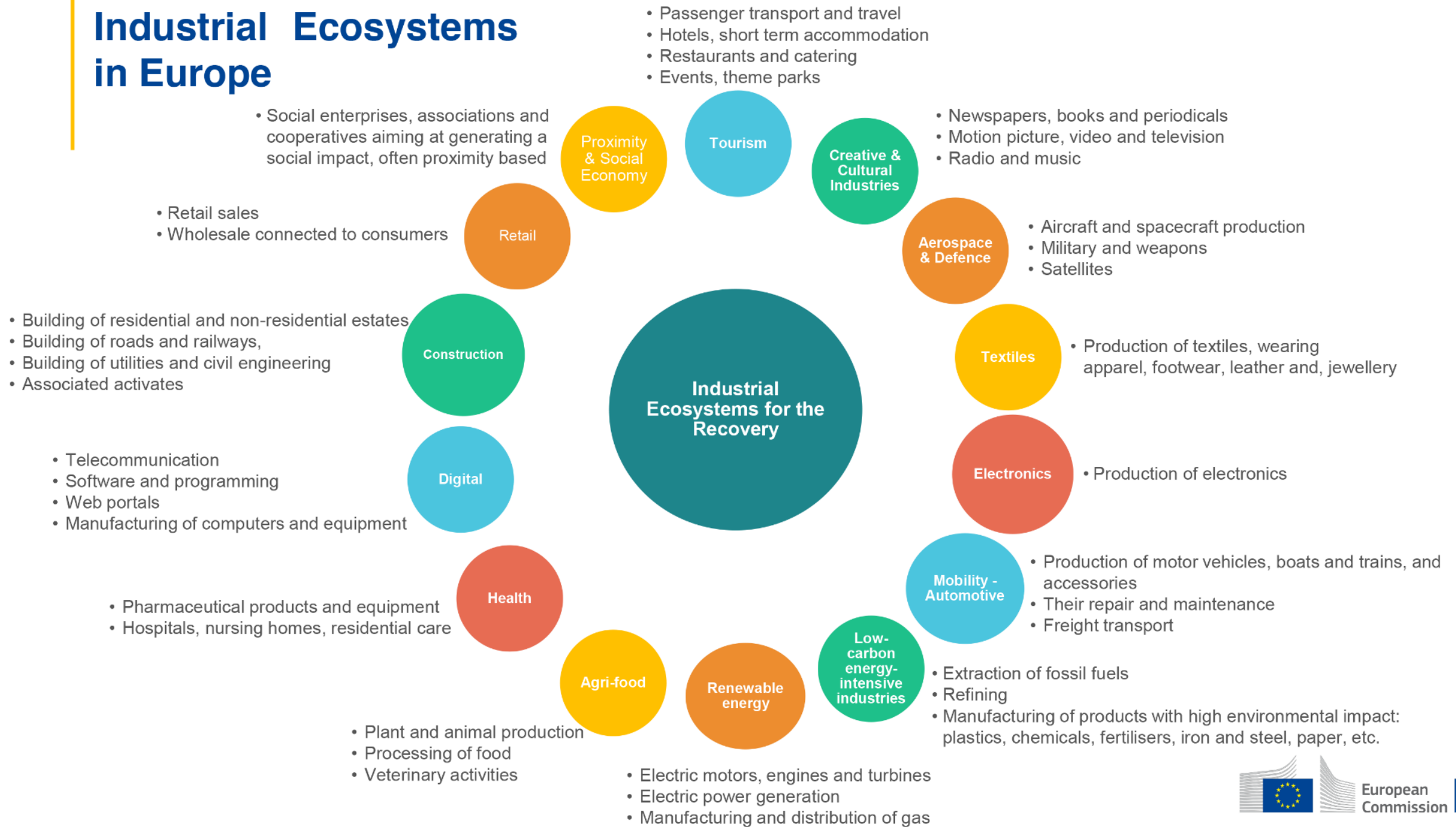|		EU Baseline	2030 Target
Skills	ICT specialists (nbr employed)	7.844.100	20.000.000
	Gender distribution	18% of women	convergence
	Basic digital skills	56%	80%
Infrastructures	Gigabit coverage	59%	100%
	5G in all populated areas	14%	100%
	Semiconductors (EU share of global production)	10%	20%
	Edge/Cloud (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%

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

Industrial Ecosystems in Europe

Industrial Ecosystems for the Recovery

Tourism
- Passenger transport and travel
- Hotels, short term accommodation
- Restaurants and catering
- Events, theme parks

Creative & Cultural Industries
- Newspapers, books and periodicals
- Motion picture, video and television
- Radio and music

Aerospace & Defence
- Aircraft and spacecraft production
- Military and weapons
- Satellites

Textiles
- Production of textiles, wearing apparel, footwear, leather and, jewellery

Electronics
- Production of electronics

Mobility - Automotive
- Production of motor vehicles, boats and trains, and accessories
- Their repair and maintenance
- Freight transport

Low-carbon energy-intensive industries
- Extraction of fossil fuels
- Refining
- Manufacturing of products with high environmental impact: plastics, chemicals, fertilisers, iron and steel, paper, etc.

Renewable energy
- Electric motors, engines and turbines
- Electric power generation
- Manufacturing and distribution of gas

Agri-food
- Plant and animal production
- Processing of food
- Veterinary activities

Health
- Pharmaceutical products and equipment
- Hospitals, nursing homes, residential care

Digital
- Telecommunication
- Software and programming
- Web portals
- Manufacturing of computers and equipment

Construction
- Building of residential and non-residential estates
- Building of roads and railways,
- Building of utilities and civil engineering
- Associated activates

Retail
- Retail sales
- Wholesale connected to consumers

Proximity & Social Economy
- Social enterprises, associations and cooperatives aiming at generating a social impact, often proximity based

European Commission

Some numbers

- **27 countries** have preselected their candidate entities
  - 26 Member States + Norway
  - Portugal, Iceland are finalising their process
- **337 EDIH candidates** pre-selected by the countries

Specialisation

AI	HPC	Cyber-security
211	95	137

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

Disclaimer: Information provided is still subject to official approval of the workprogramme.

European Commission

Catalogue of candidate EDIHs

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

- Profiles can be updated directly by the candidate hubs

- Will also be used by the Commission to prepare the selection of experts to be used for the evaluation

Scope - the "EU-Local" approach

SME/public entity

Local EDIH

DTA

Digital Transformation Accelerator
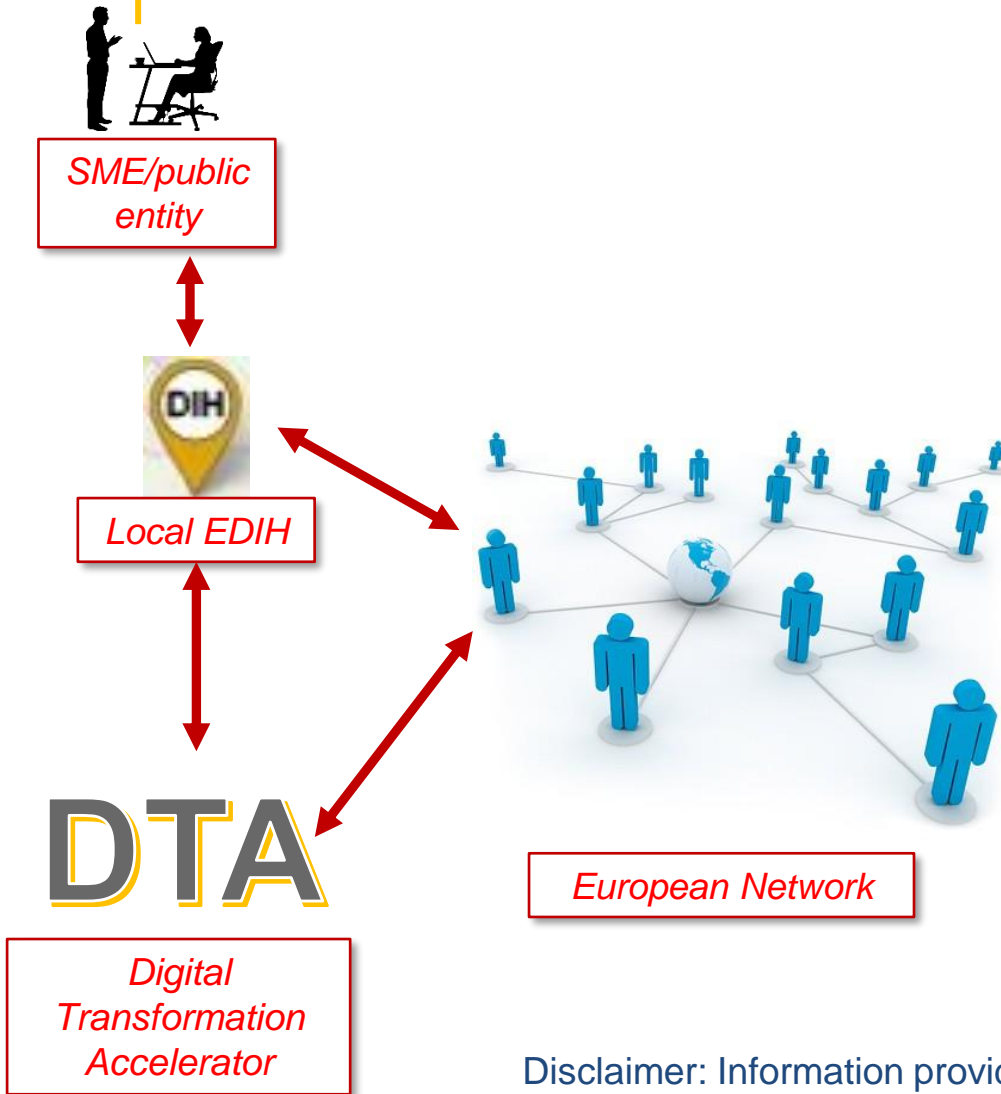
European Network

EDIHs will:

Provide technological expertise and experimentation facilities to enable the digital transformation of the industry and the public sector

- act as an **access point to the European network** of EDIHs for local organisations, bring companies into **contact with other companies of their value chain**, and seek synergies with innovators

- **actively network with other hubs**, sharing best practices and specialist knowledge, broker between **public administrations and companies** providing e-government technologies.

- disseminate locally the capacities of DIGITAL in High Performance Computing, Artificial Intelligence, Cybersecurity, Advanced Digital Skills and accelerating the best use of technologies

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European Commission

Collaboration with Enterprise Europe Network

EDIHs and EEN in the same territory could conclude a service-level cooperation which clearly describes how the two will complement each other and will work synergistically together, offering a seamless service to SMEs. E.g.

- Joint investor related events
- Organisation of common trainings/workshops/info-days for SMEs
- Referrals of SMEs (from EEN to EDIHs and from EDIHs to EEN)
- Digital scans/audits/assessments
- …

See also specific guidance document .

Outcomes and deliverables

KPI

- A balanced network of EDIHs

- Indicators to evaluate the performance of the hub

  - Number of **businesses and public sector entities, which have used the EDIH**. Where relevant, this will include a description of which Digital Europe capacities have been used.

  - **Amount of additional investments** successfully triggered

  - **Number of collaborations** foreseen with other EDIHs and stakeholders outside the region at EU level, and description of infrastructures jointly shared / joint investments with other EDIH.

- A set of additional impact indicators will be collected and analysed with the support of the Digital Transformation Accelerator:

  - Increase in **digital maturity of organisations** that have used the services of the EDIH network.

  - **Market maturity and market creation potential of innovations**, as defined in the JRC's Innovation Radar methodology.

Webinars on various topics

- **2021**: *Co-funding, eligible costs and state aid* (Postponed until further notice)

- **2021***: The DIGITAL programme and the evaluation of European Digital Innovation Hubs proposals final arrangements and timeline. Date will be confirmed as soon as the DIGITAL programme is formally approved.

- **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

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European Commission

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

- 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

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