



EU-Commission's plans to support Digitalisation

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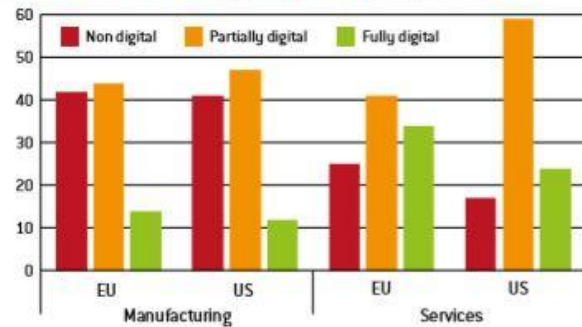
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Comparison EU - US companies based on survey 1700 companies

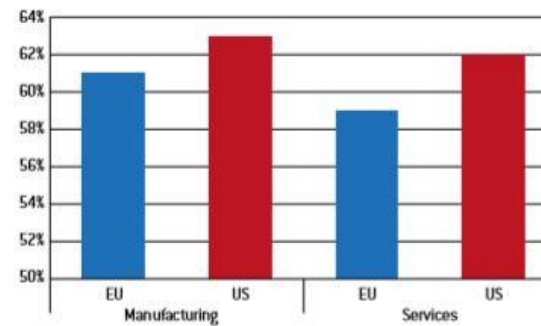
Bruegel 2019: Bridging the divide: new evidence about firms and digitalisation

Figure 1: Share of firms that are digitally active (in %), 2018



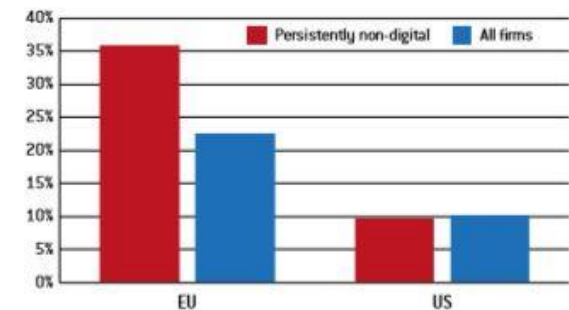
Source: Bruegel based on EIB data.

Figure 2: Share of firms that plan to increase investment in digital technologies in the next three years (2018)



Source: Bruegel based on EIB data.

Figure 11: Share of firms that report the availability of external finance as a major obstacle to investment (2018)

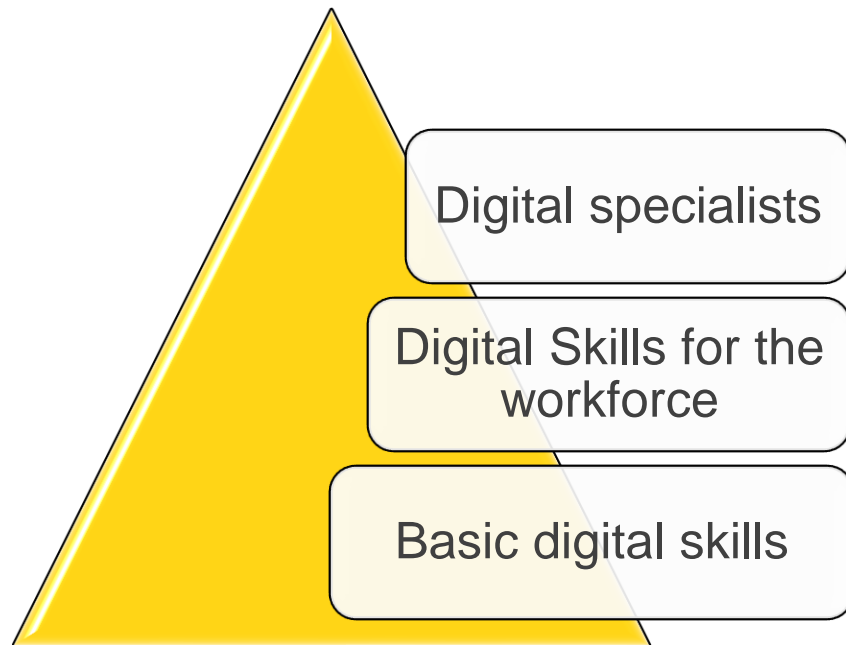


Source: Bruegel based on EIB data.

- A substantial share of firms are not implementing any state-of-the-art digital technologies and do not have plans to invest in digitalisation
- Small Manufacturing firms and old small firms in services are significantly more likely to be and remain non-active in terms of digitalisation
- There are no significant differences between the EU and the US in terms of having more or fewer persistently non-digital firms
- Main barriers: Staff with right skills, External finance

Policy Objective

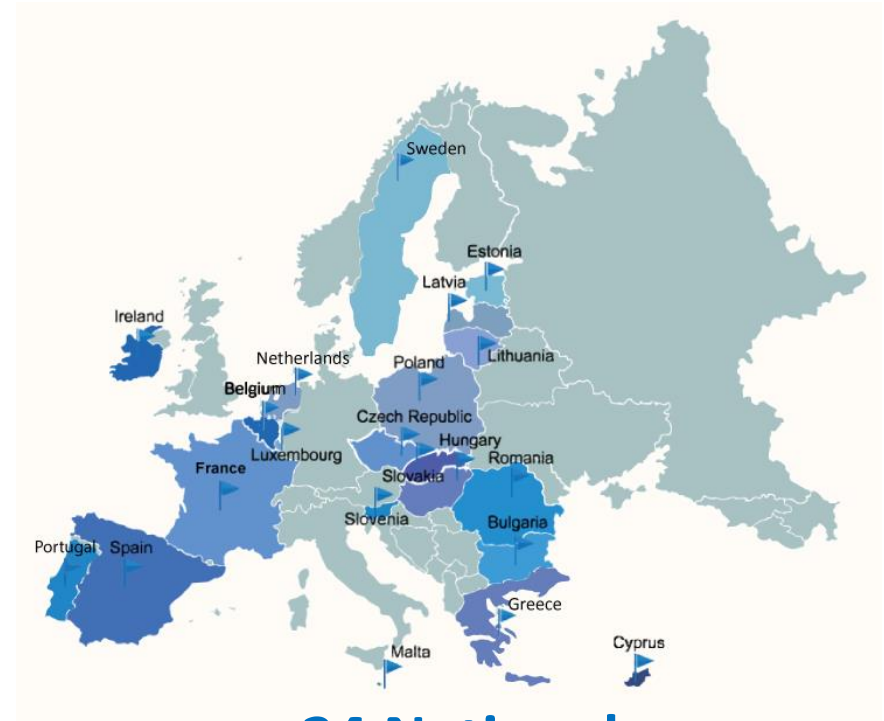
Equip Europeans with digital skills



Commission Communication
A strong Social Europe
for just transitions
(2020)

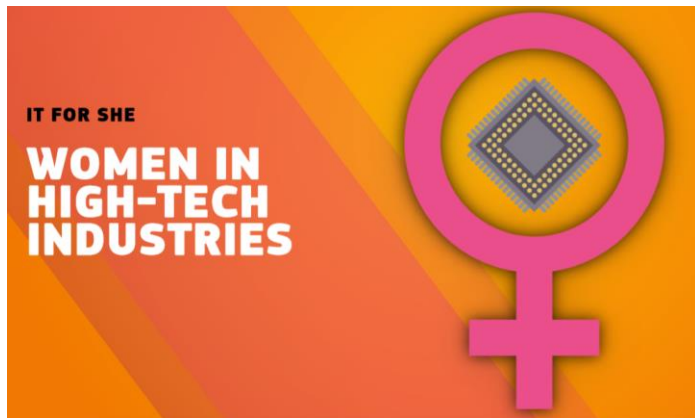
WHAT POLICY INSTRUMENTS AT EU LEVEL?

Digital skills and Jobs Coalition



**24 National
Coalitions**

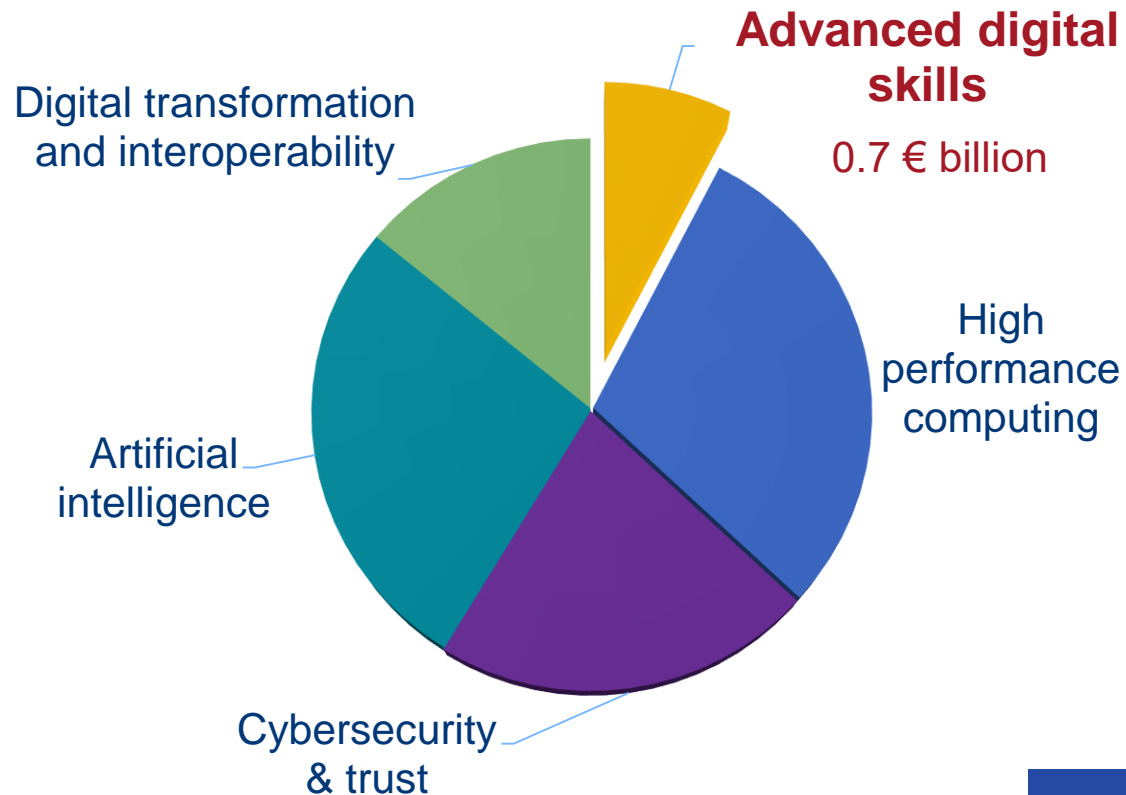
Existing selections of best practices



How the EU will contribute?

Digital Europe Programme

Proposed total budget EUR 9.2 billion



The Digital Europe Programme will support the development of advanced digital skills, especially with regard to high performance and cloud computing, cybersecurity, quantum technologies, artificial intelligence and big data analytics, distributed ledger technologies.

Possible actions to be supported

Master's programmes

Highly specialized programmes and courses to equip students with the advanced digital skills needed to deploy the latest technologies in all sectors of the economy

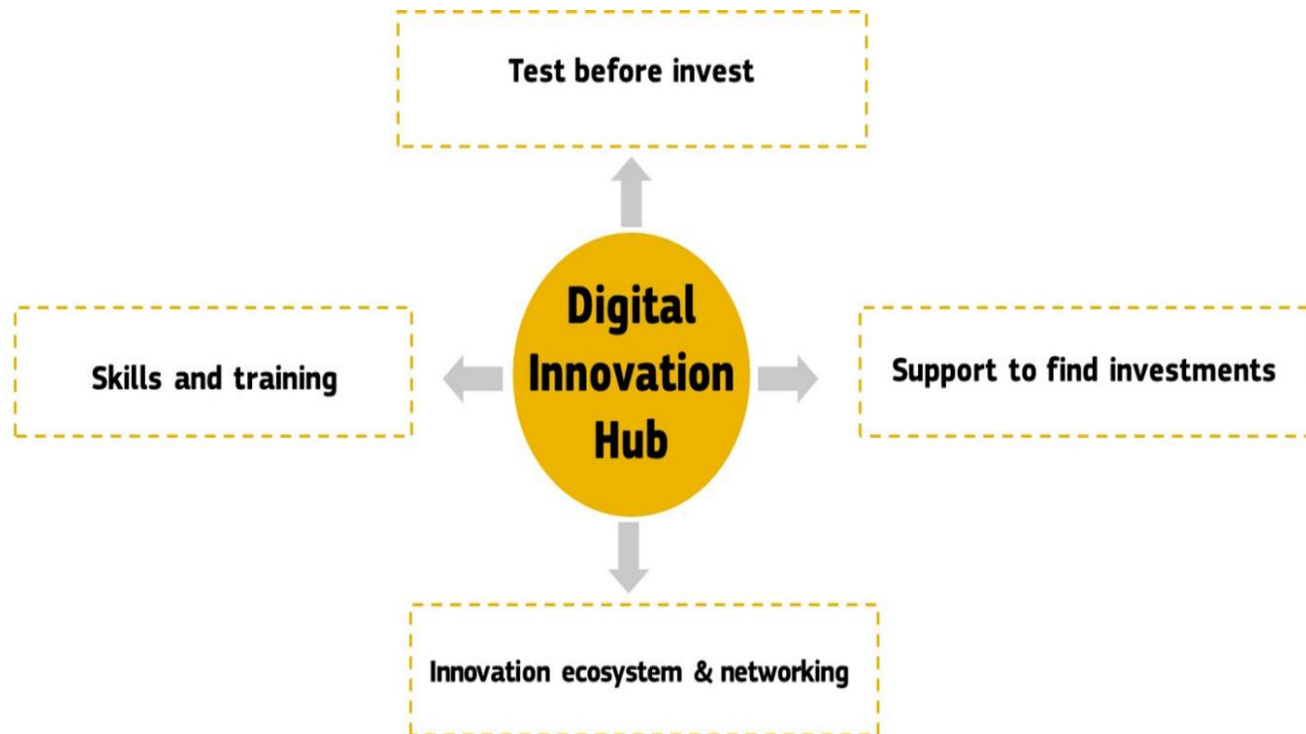
Short-term training

Short-term training courses open also to people already in employment to specialise in cutting-edge digital technologies

Job Placements

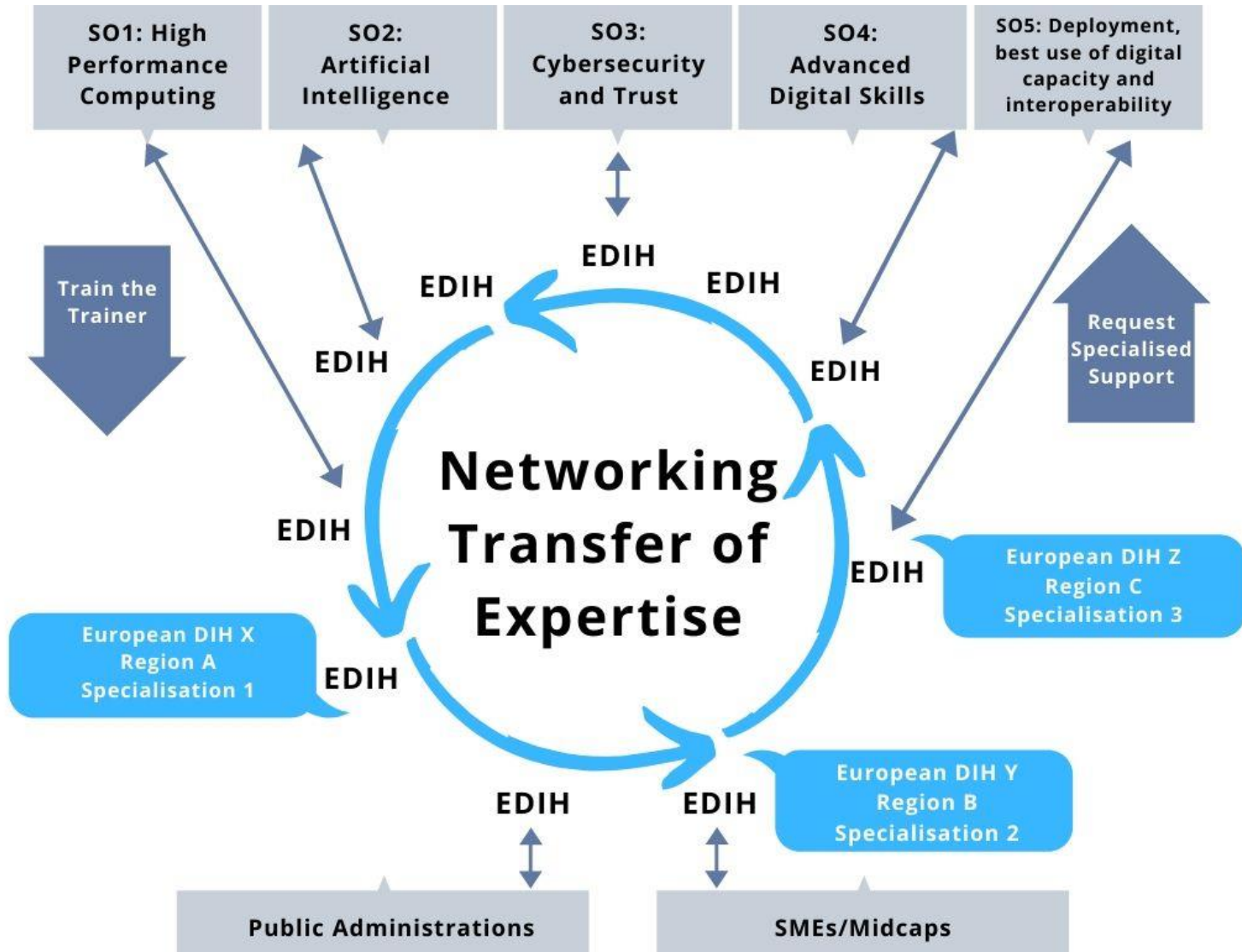
Job placements in companies or research centres specialised in Artificial Intelligence, HPC or cybersecurity to acquire advanced digital skills on-the-job.

European Digital Innovation Hubs provide technological expertise and experimentation facilities to enable the digital transformation of the industry and the public sector



- **Typical participants:**
 - **Research and Technology Organisations, Technical Universities**
 - **In collaboration with:**
 - **Industry associations**
 - **Clusters**
 - **Enterprise Europe Network**
 - **Accelerators/Incubators**
 - **Innovation agencies**
 - **Vocational training institutes**

Network of EDIHs



Capacity building of EDIHs:

- Grant for facilities and people to work in the hub, 50% co-funded EU/MS or regions (ERDF may be used)
- Access to European capacities for digital transformation in HPC, AI, Cyber
- Access to knowledge and facilities of other EDIHs
- Supported by "**Digital Transformation Accelerator**", a central node that animates the network
 - Networking events
 - Training the hubs
 - Best practice sharing
 - Interactive map of digital capacities
 -

2 Step Selection Process for initial network



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

- Finalisation of budget discussion next Multi-annual Financial Framework
- Communication campaign with MS in the beginning 2020 to mobilise community
- Designation of hubs
- European Digital Innovation Hub networking event in Luxembourg: Q3 2020
 - Share your lessons learned?
- Restricted call