



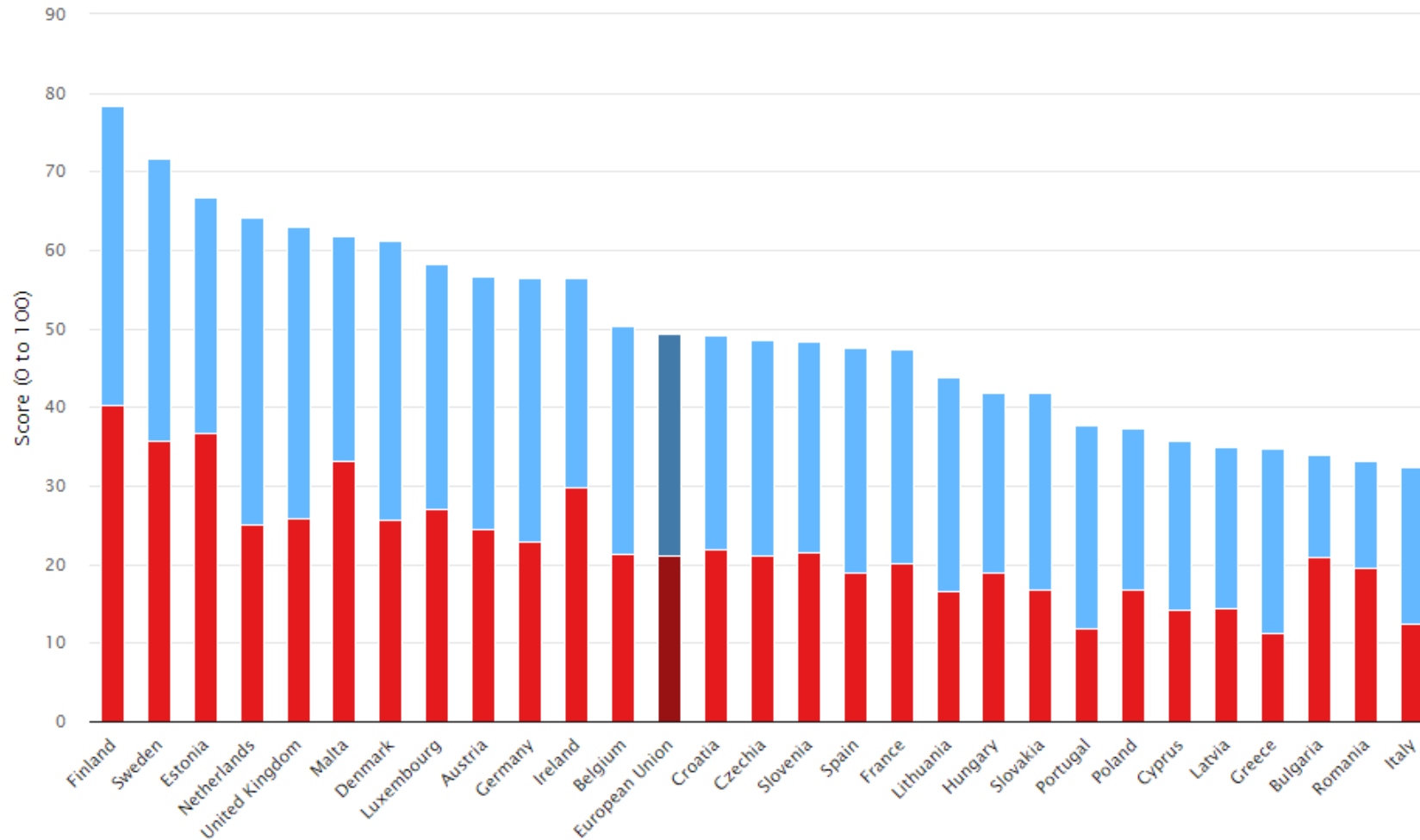
# European actions to bridge the **digital skills gap**

*Jakub KAJTMAN, DG Connect*

*20 April 2021*

# Digital Economy and Society Index

2 Human Capital, by Sub-dimensions of 2 Human Capital

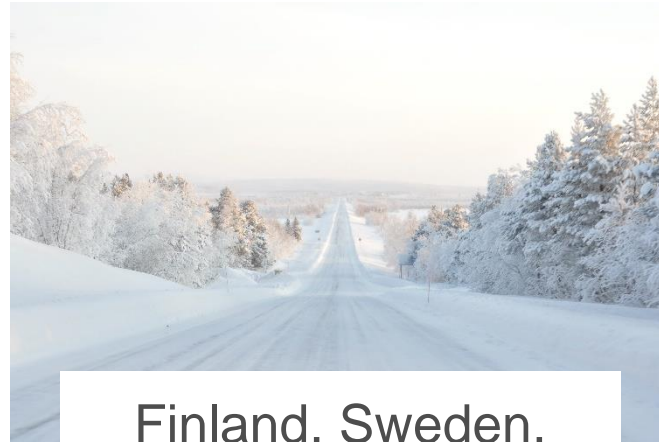


Source: Digital economy and society index, 2020

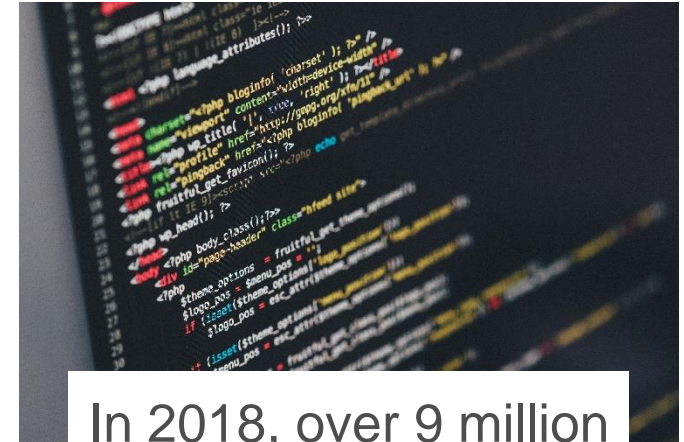
# Digital Economy and Society Index 2020



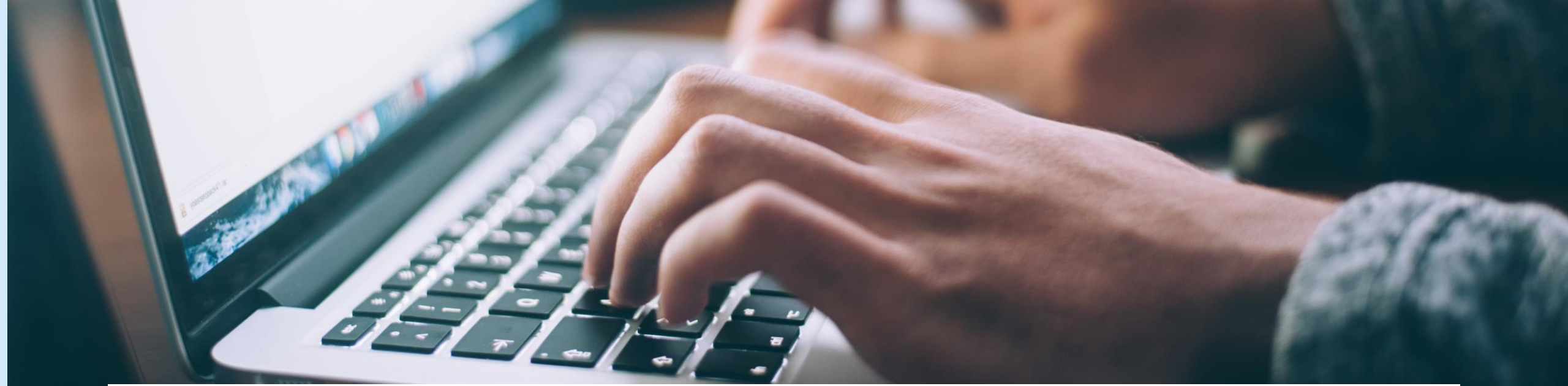
58% of Europeans have at least basic digital skills



Finland, Sweden, Netherlands, Estonia are the top leaders



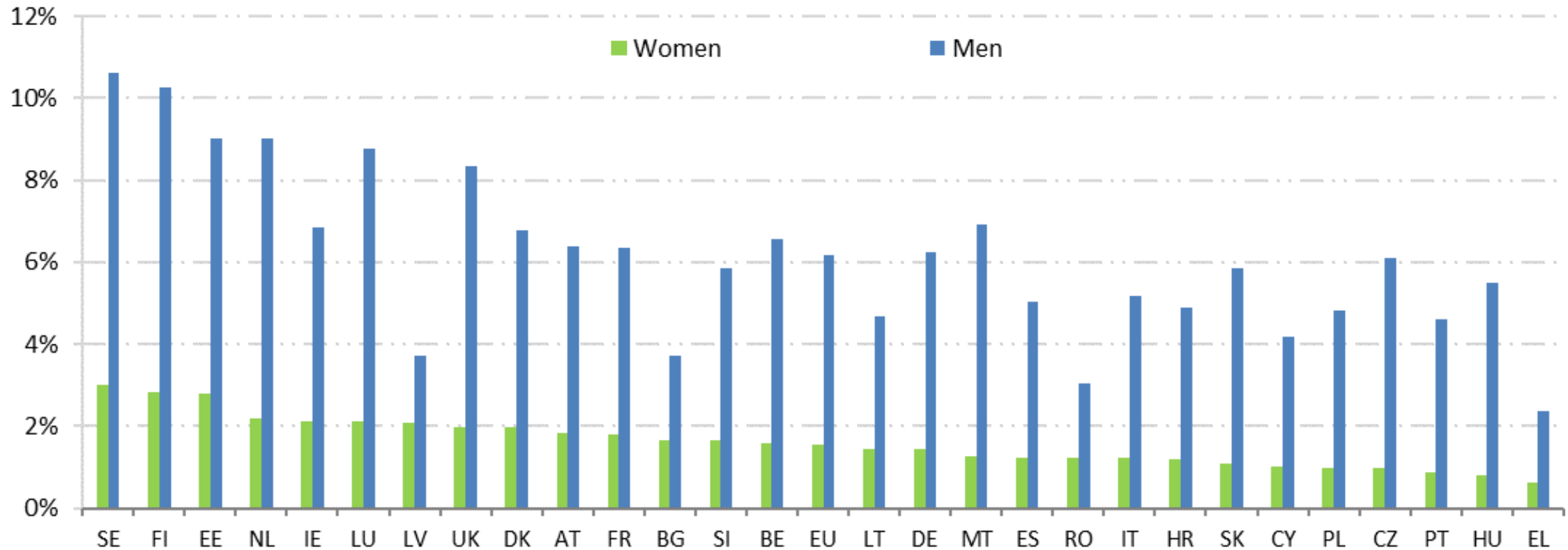
In 2018, over 9 million people worked as ICT specialists across the EU.



64% of large enterprises and 56% of SMEs that recruited ICT specialists during 2018, reported **hard to fill vacancies** for ICT specialists.

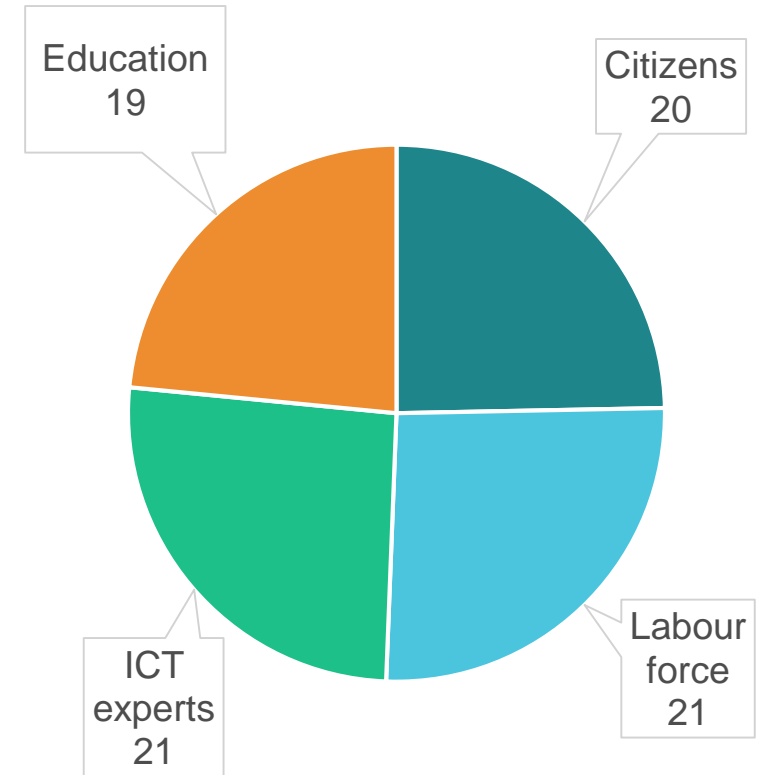
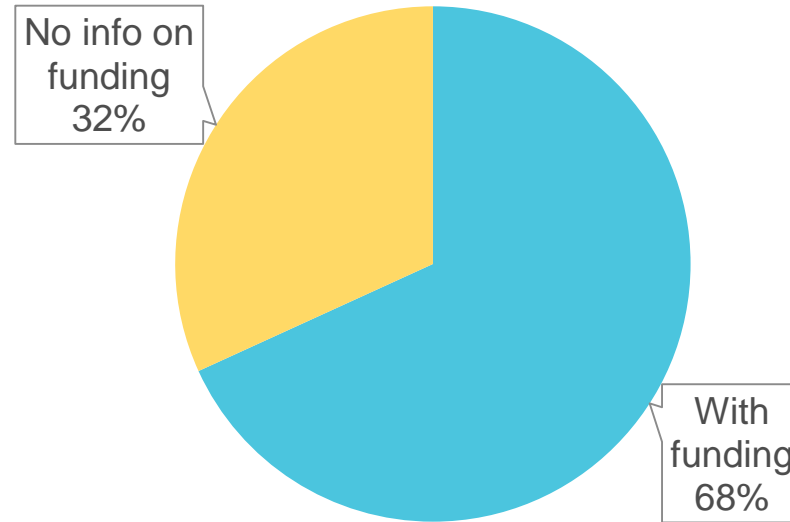
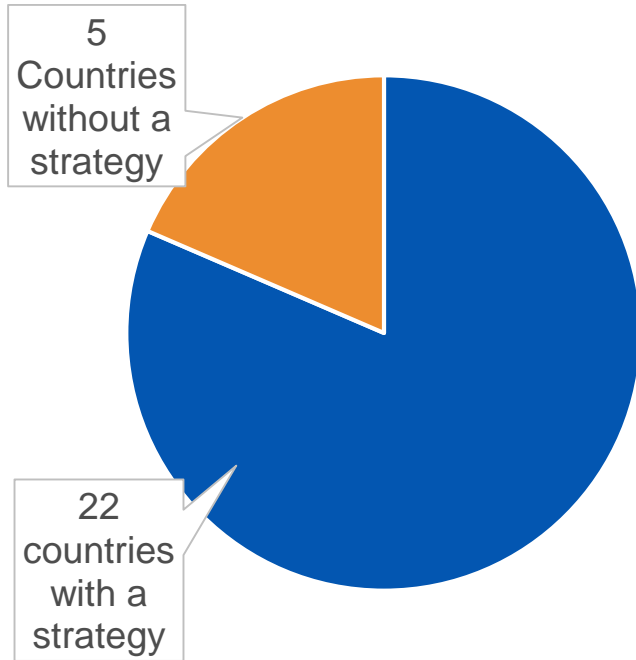
# ICT specialists by gender

% of the workforce



Source: Eurostat, 2019

# National digital skills strategies in the EU



# Digital skills for the **Digital decade**



# Basic & Advanced

# Digital decade

## ***By 2030:***

- *80% of Europeans with at least basic digital skills*
- *20 million ICT specialists*

# Recovery and resilience facility

**€672,5 billion**

**20% dedicated to « digital » including skills**

- *Up/re-skilling in companies*
- *New University programmes*
- *Reforms of school curricula*
- *Expert supply via Digital Innovation Hubs*





# Digital Europe

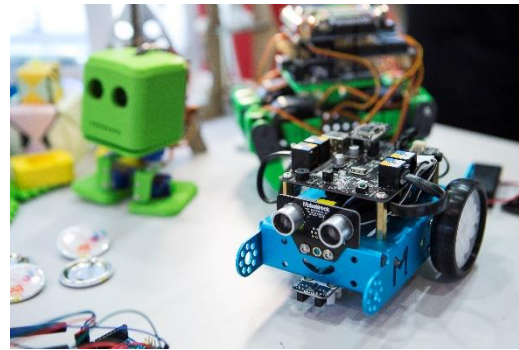
## **€580 million for advanced digital skills**

- *Specialised programmes and traineeships for future experts in key capacity areas like data and AI, cybersecurity, quantum and HPC*
- *Support the upskilling of the existing workforce through training and digital crash courses*

# Taking action

## EU Code Week

14 million people trained  
since 2013



## Digital Volunteers

Big companies offer  
volunteers to SMEs to  
digitise

## Skills agenda

Working together under the  
Pact for skills



## Digital Education Action Plan

Digital Opportunity  
Traineeships, Digital  
Skills Certificate

# Digital Skills and Jobs Coalition

- A community supported by the European Commission since 2016.
- A **platform of exchange** for stakeholders working to reduce the digital skills gap in Europe.
- 560 Coalition members; 170 pledges, 392 initiatives
- **4 key target groups:**
  - All citizens
  - Education
  - ICT Professionals
  - Labour Force



25 National Coalitions – Action at a national level

# Pledge Viewer

- on the **Pledge Viewer**  
<https://pledgeviewer.eu/>
- Search, compare, and keep up to date with pledges
- User-made ranking of pledge performance via the **Scoreboard**
- Find all members and filter by country and type in the **Members Area**



## Welcome

The Pledge Viewer is the home of the Digital Skills and Jobs Coalition for making, viewing and managing pledges and membership. Register to apply to become a member and join hundreds of organisations who demonstrate their role in closing the digital skills gap in Europe.

Organisations are encouraged to take the next step and send a clear signal of their commitment to equip Europeans – citizens, the labour force, ICT specialists and those in the education sector – with the skills they need for life and work in the digital age by making a pledge.

Pledges are commitments made by organisations, big and small, from the private, public and third sector, to go above and beyond the normal scope of their activities and make a direct contribution to reducing the digital skills gap facing Europe today. Take part and commit to providing skills training and placements, facilitating access to digital skills development opportunities or driving awareness of digital skills challenges and opportunities.



160

TOTAL PLEDGES

379

TOTAL INITIATIVES

Search pledges

Search

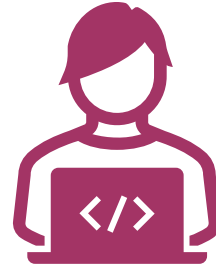
Click on a country for more information

 DIGITAL SKILLS FOR ICT PROFESSIONALS	 DIGITAL SKILLS IN EDUCATION	 DIGITAL SKILLS FOR LABOUR FORCE	 DIGITAL SKILLS FOR ALL CITIZENS
Developing high level digital skills for ICT professionals in all industry sectors.	Transforming teaching and learning of digital skills in a lifelong learning perspective, including the training of teachers.	Developing digital skills for the digital economy, e.g. upskilling and reskilling workers, jobseekers; actions on career advice and guidance.	Developing digital skills to enable all citizens to be active in our digital society.
37 INITIATIVES	186 INITIATIVES	84 INITIATIVES	72 INITIATIVES

# Pledge today for Europe!



16,588,543  
Reached



8,393,331  
Trained



4,400,974  
Certified

Pledges



■ Education ■ Labour Force ■ ICT ■ All



Digital Skills and  
Jobs Coalition



Pact for Skills

# Digital Skills and Jobs Platform



# Welcome to the **Digital Skills** and Jobs Platform

DSJP is the home of digital skills information from across Europe and the heart of the Digital Skills & Jobs Community.

## Find what you need

I am a

I am interested in



Training Provider



SME Owner



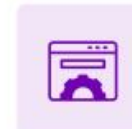
Student



Worker or Job Seeker



Policy Maker



Digital Expert

Digital Skills and  
Jobs Coalition

Digital Europe

European initiatives

Research

Training  
opportunities

Community

National strategies

National coalitions

Data

Funding  
opportunities

Good practice

Resources

Events

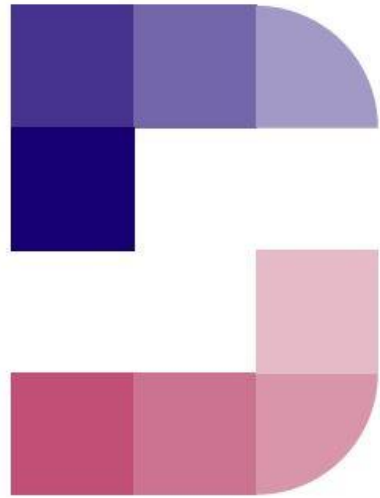
News

Collaboration

Opinions

Digital volunteers

Careers



# Digital Skills & Jobs Platform

[ec.europa.eu/eusurvey/runner/  
DigitalSkillsAndJobsPlatform](https://ec.europa.eu/eusurvey/runner/DigitalSkillsAndJobsPlatform)