European actions to bridge the digital skills gap

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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

- 22 countries with a strategy
- 5 countries without a strategy
- No info on funding 32%
- With funding 68%
- Education 19
- ICT experts 21
- Labour force 21
- Citizens 20
- Funding 68%
Digital skills for the 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
€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

**Skills agenda**
Working together under the Pact for skills

**Digital Volunteers**
Big companies offer volunteers to SMEs to digitise

**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
Pledge today for Europe!

16,588,543 Reached
8,393,331 Trained
4,400,974 Certified

Pledges

40% Education
28% Labour Force
10% ICT
22% All

PLEDGER
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

Training Provider
SME Owner
Student
Worker or Job Seeker
Policy Maker
Digital Expert