

Digital Education

Action Plan

2021-2027

Resetting education and
training for the digital age



Directorate-General for Education,
Youth, Sport and Culture

14 ACTIONS ACROSS ...

P1

PRIORITY 1

Fostering the development of a high-performing digital education ecosystem

P2

PRIORITY 2

Enhancing digital skills and competences for the digital transformation



Boosting cooperation and exchange via **the Digital Education Hub**

PRIORITY 1

Fostering the development of a high-performing digital education ecosystem



Structured Dialogue with Member States on digital education and skills



Learning approaches for high-quality and inclusive primary and secondary education



European Digital Education Content Framework



Connectivity and digital equipment for education



Digital transformation plans for education and training institutions



Artificial intelligence and data usage in education and training

Digital Education and Skills Package



Major milestone:
adopted by the
Education Council
(EYCS) on 23
November 2023



**Consists of 2 Council
Recommendations on:**

the key enabling factors for
successful digital education and
training

AND

Improving the provision of digital
skills in education and **training**



How?

Results of **Structured
Dialogue with
Member States** and
identification of common
challenges



Why is it important?

Adoption of the
Package showcases
the ambition and
ownership of the
DEAP's vision by
Member States

Digital Education and Skills Package

1. CR on enabling factors

Recommendation to MS

proposes a coherent framework for investment, governance and capacity-building for effective and inclusive digital education and training, including through:

- Agree on a **national strategy** for digital education and skills and monitor its effectiveness and impact
- Monitor progress in digital education and training: **'Digital Education in Europe' survey** every 3 years in the Member States

Support measure by EC

2. CR on digital skills

Recommendation to MS

sets up coordinated initiatives that would benefit all segments of the population – tackling the full spectrum of digital skills, including through:

- **Start early** to guide learners in the digital world and offer equal opportunities to develop digital skills
- Support Member States' exchanges on digital skills and high-quality informatics

Support measure by EC

2. Policy experimentation priorities- Topic 1: Digital Education

Priority 1: Building a teaching framework and policy intervention aiming to boost gender balance in pursuing ICT related studies and professions

Priority 1 - Why this scope?

Statistics

- 1/5 ICT graduates are women
- 18,9% of ICT specialists are women  practically none in management positions

At the same time EU is facing **a massive shortage of ICT professionals** and this is one of the main obstacles to a better more inclusive digital transition

Political momentum: e.g. Digital Decade targets

Fragmentation and little impact of existing E+ projects, e.g. slow rise in statistics and often broad scope (STEM vs ICT)

Need for **impactful** and **scalable** policy intervention based on **solid research**

Priority 1 - What do we want with this call?

Overarching goal = to design a policy intervention that has a high potential for increasing the number of girls whose career choice or learning pathway leads to an ICT field.

Expected **deliverables** include:

- A review of existing research and a **mapping** of national initiatives currently active in the EU.
- Design and promotion of a gender sensitive **teaching framework** related to digital skills and competences in primary and secondary education;
- **Piloting of a policy intervention** with high potential for scalability and transferability in different educational systems.