



SKILLS FOR THE DIGITAL TRANSITION

,PUBLIC LIBRARIES 2030, DIGITAL SKILLS EVENT
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Facing the digital transition



over 90% of jobs require digital skills



54% of the adult population in Europe has **basic digital skills**, we aim for **80%**!



lack of staff with adequate digital skills is an obstacle to investment



about 9 million **ICT specialists and digital experts** in Europe, we aim for **20 million!**



EU strategic policy framework on digital skills

**EUROPEAN SKILLS
AGENDA**



**EUROPEAN PILLAR
OF SOCIAL RIGHTS
ACTION PLAN**



**DIGITAL EDUCATION
ACTION PLAN**



**2030 DIGITAL
COMPASS**



2030 Digital Compass Targets

Skills

20 million employed **ICT specialists**, more graduates + gender balance
80% of adults can **use tech** for everyday tasks

Government

Key Public Services - 100% online
Everyone can **access health records online**
Everyone can use **eID**



Infrastructure

Gigabit connectivity for everyone, **high-speed mobile coverage** (at least 5G) everywhere
EU produces 20% of world's **semiconductors**
10 000 **cloud edge nodes** = fast data access
EU **quantum computing** by 2025

Business

75% of companies using **Cloud, AI or Big Data**
Double the number of **unicorn startups**
90% of **SMEs taking up tech**



Funding instruments to support digital skills

Budget

€2 billion for digital skills
in 2021-27



Budget

€400 million for 100 CoVEs
in 2021-27

Budget

€25.7 billion for digital
skills and education



Budget

€580 million for advanced
digital skills



Relevant policy initiatives



**Council
Recommendation on VET**



Osnabrück Declaration



Micro-credentials



**Individual learning
accounts**



EU initiatives supporting digital upskilling



Pact for Skills

Large-scale Partnership in the digital ecosystem



THE HOME OF DIGITAL SKILLS IN EUROPE

Digital Skills & Jobs Platform

- Hosting pledges of the Digital Skills & Jobs Coalition
- Training opportunities
- Digital skills assessment tool



EU tools to support digital skills



Digital Competence Framework

Updated version
DigComp 2.2



SELFIE

A self-reflection tool for schools to assess the school's use of digital technology.

It is a tool which brings together perspectives of school leaders, teachers and students.

It is an online tool which can run on any device, such as smart phones, tablets or PC.

**EUROPEAN
YEAR OF
SKILLS**

SELFIE

- The **SELFIE tool developed in 2018** is designed for any school: primary, secondary or vocational.
- Doesn't matter how big or small it is. It doesn't matter either how advanced or not it is in the use of technologies for teaching and learning.
- **SELFIE is Open to all** schools, **Free** of charge and Available in **40 languages**.
- **Customisable** to suit schools' different needs.
- Data is **anonymous**.
- It gathers perspectives of school leaders, teachers and learners to reflect on their digital readiness.
- **New module - SELFIE for work-based learning**
- **This module also gathers the views of in-company trainers**, which is an important novelty.

Questions in 8 different areas



Leadership



Assessment practices



Infrastructure and equipment



Students digital competence



Professional development



Network & collaboration



Implementation in the classroom



Support & resources



SELFIE for Teachers

On-line tool to help teachers reflect on how they are using digital technology

- Teachers can use the tool to learn more about digital skills they have and identify areas where they can develop further.
- It is a self-reflection tool based on the European Framework for the Digital Competences of Educators – DigComEDU

Focuses is on teacher's professional and pedagogic competences in 6 different areas:

- Professional engagement
- Digital resources and how to select and manage them
- Teaching and learning
- Assessment, strategies evidence and feedback
- Empowering learners – inclusion and actively involving learners
- Facilitating learner's digital competence: used 5 areas of DigComp



Structured dialogue on digital education and training



April package of flagship initiatives related to digital skills



Two proposals for Council recommendations

Enabling factors for successful digital education

to support Member States in the digital transformation of their education and training systems by setting out the key enabling factors for high quality and inclusive digital education and training such as **connectivity, equipment, teacher digital pedagogy and the role of assistive technologies**.

Improving the provision of digital skills in education and training

to support Member States in facing **common challenges** related to the level of digital skills of different segments of the population and the ability of their education and training systems to support its provision.



1. Proposal for Council recommendation – enabling factors

Enabling factors for successful digital education

to support Member States in the digital transformation of their education and training systems by setting out the key enabling factors for high quality and inclusive digital education and training such as **connectivity, equipment, teacher digital pedagogy and the role of assistive technologies.**

To support MS, the Commission intends to:

- Mobilise EU instruments, such as the TSI & EU funding, such as Erasmus+, European Social Fund Plus, Just Transition Fund, European Regional Development Fund, Cohesion Fund, Digital Europe Programme, Horizon Europe, and NDICI Global Europe.
- Promote the exchange of best practices, networks and peer learning.
- Promote cooperation with stakeholders, including technology providers.
- Support the digital training of teachers through Erasmus+ or self-evaluation tools like SELFIE or SELFIEforTEACHERS.
- Promote the roll-out of ethical guidelines on the use of artificial intelligence in teaching and learning.
- Support in developing effective and efficient digital education policies and investments.
- Monitor progress in digital education and training

MS are invited to:

- Agree on a national strategy for digital education and skills and monitor its effectiveness and impact.
- Take a whole-of-government approach, strengthening cooperation between different sectors and levels of government, and with stakeholders, including with the private sector.
- Ensure digital training for all teachers, trainers and support staff in education and training institutions, to help them use digital technologies for teaching and learning.
- Ensure adequate investment in digital equipment, infrastructure, tools and content



2. Proposal for Council recommendation – improving provision

Improving the provision of digital skills in education and training

to support Member States in facing **common challenges** related to the level of digital skills of different segments of the population and the ability of their education and training systems to support its provision.

The Commission intends to:

- Support Member States' efforts for strengthening digital skills development and high-quality informatics.
- Set up a High-Level Group on Digital Education and Skills.
- Use EU instruments, such as the TSI and EU funding, such as Erasmus+, European Social Fund Plus, Just Transition Fund, European Regional Development Fund, Digital Europe Programme, Horizon Europe, and NDICI-Global Europe.
- Promote excellence in advanced and specialist digital skills courses in higher education and Vocational Education and Training.
- Facilitate the recognition of digital skills certificates and qualifications.
- Support efforts to increase the number and diversity of ICT specialists

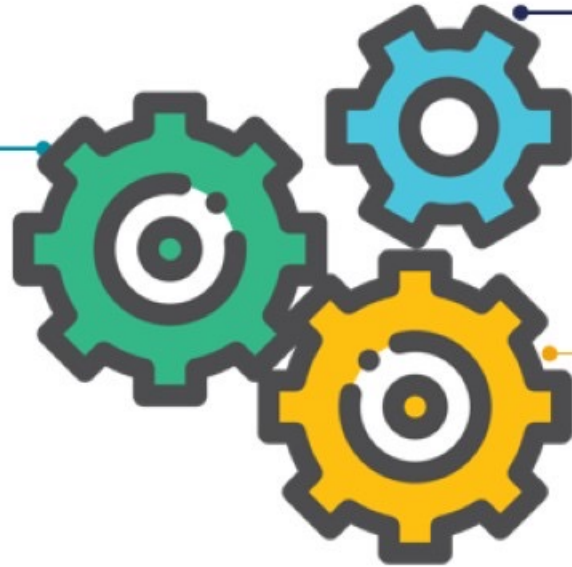
MS are invited to:

- Agree on a national strategy for digital education and skills and monitor its effectiveness and impact.
- Start early to guide learners in the digital world and offer equal opportunities to develop digital skills.
- Reinforce cooperation among Member States to promote and provide quality education in informatics at school.
- Support higher education to develop digital skills across disciplines, and address the need for advanced digital skills.
- Support the recruitment, training and retention of specialised teachers and trainers.
- Support the provision of digital skills in Vocational Education and Training and for adults, and improve its accessibility.
- Foster actions related to digital skills certification.



European Digital Skills Certificate (pilot)

enhance the **transparency and mutual recognition** of digital skills certifications by governments, employers and other stakeholders across Europe.



provide a scheme that is **complementary** to existing (national or international) digital skills certification schemes.

allow people to indicate their level of **digital competence** corresponding to the DigComp proficiency levels and **encourage individuals to acquire new digital skills**.



The European Year of Skills: objectives

To further promote a mindset of reskilling and upskilling



Investment

Increased, more effective and inclusive investment



Skills relevance

Strengthening skills relevance by close cooperation and joined-up approaches



Matching aspirations

Matching people's aspirations and skills-set with labour market opportunities



Attracting third country talent

Attracting people from third countries with the skills needed by the Union

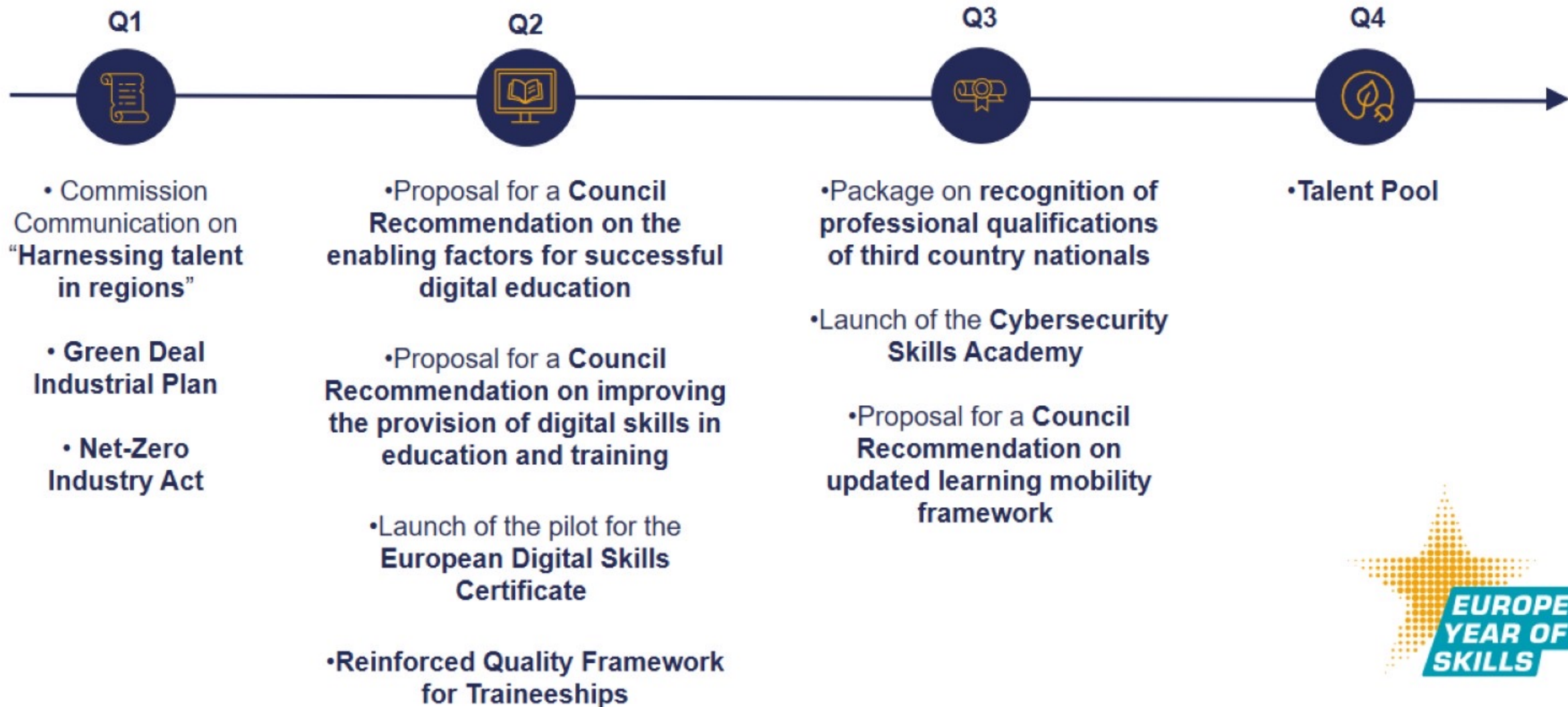


Off to a good start!

- The Decision on the European Year of Skills was adopted on 11 May.
- The Year will take place in the period of **9 May 2023 to 8 May 2024**.



Key initiatives



- a European, multilingual, **open membership community of adult learning professionals**, including adult educators and trainers, guidance and support staff, researchers and academics, and policymakers.
- aims **to support and strengthen the adult learning professions**. It enables members to **connect** with and **learn** from colleagues across Europe, through its:
 - **blog posts, forums, the Partner Search tool, complemented with events.**
 - **There is also an EPALE mobile app** to make the content even more available.

https://epale.ec.europa.eu/en

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EPALE - Electronic Platform for Adult Learning in Europe

EPALE Podcast - Life skills of the 21st Century. How to foster democratic engagement

What do we intend with "Skills for democratic life"? And what do we need to foster them?

Listen to this brand-new EPALE podcast, to delve deep into these questions!

Pia Schnelle

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EPALE podcast

Life skills of the 21st Century

How to foster democratic engagement

Powered by the European Union

Erasmus+

Erasmus+ for Adult Education

Erasmus+
Enriching lives, opening minds.

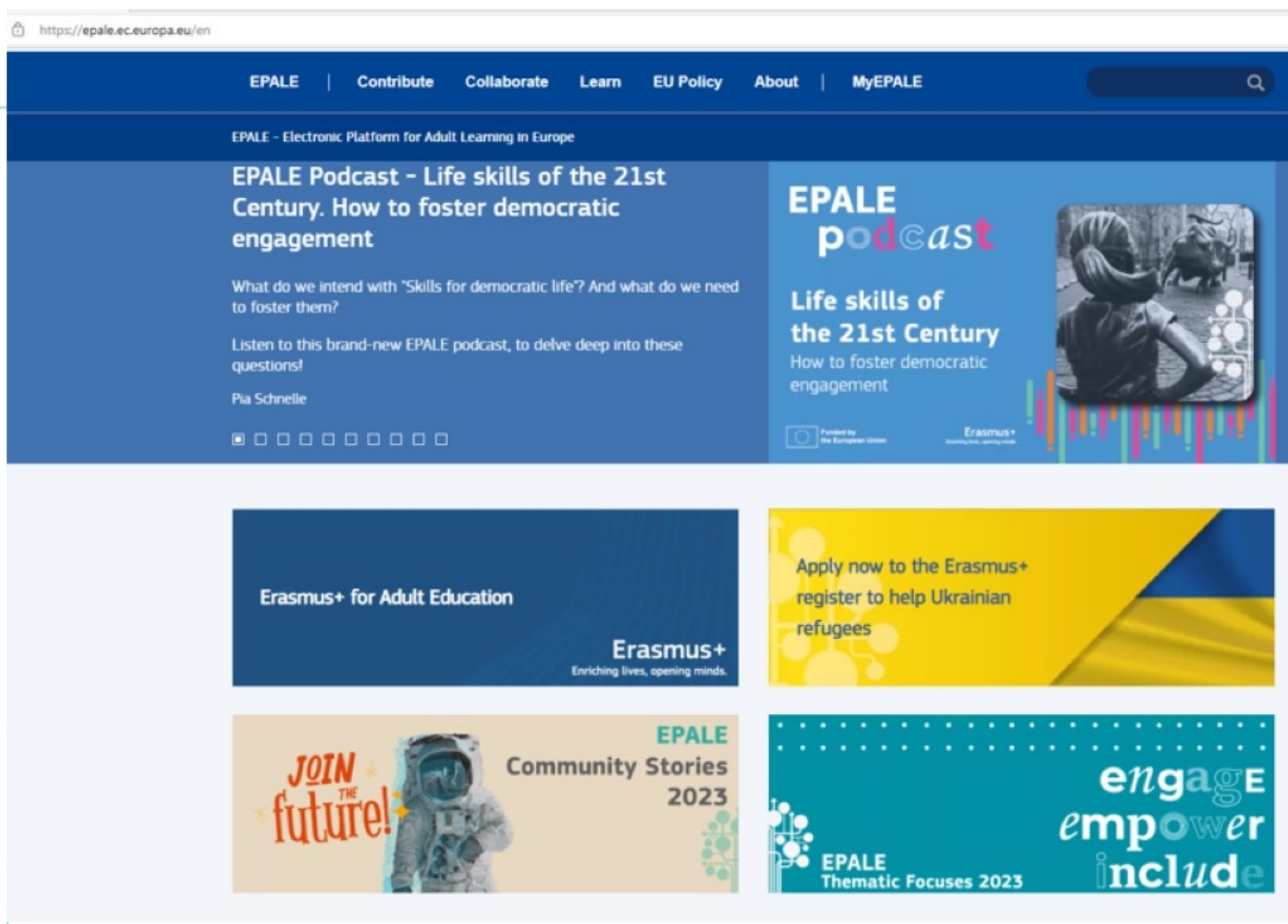
Apply now to the Erasmus+ register to help Ukrainian refugees

JOIN THE future!

EPALE Community Stories 2023

engage empower include

EPALE Thematic Focuses 2023



2023 EPALE Thematic focuses

- **Engage. Skills for democratic life**

To fully engage in our society, between challenges and transformation processes, we must be active and aware as citizens. EPALE wants to highlight the role of adult learning and education in building skills for democratic life.

- **Empower. Workforce with the right skills**

Re-skilling and Upskilling are crucial to unlocking the potential of the European workforce and for translating opportunities into action.

- **Include. Inclusive skills opportunities**

EPALE will in particular focus its attention on third-country nationals, persons in need of basic skills education and young adults, especially those not in education, employment or training (NEETs). The other side of the coin, besides learning, is speeding up and facilitating the validation of skills and recognition of qualification, including of third-country nationals.



engage
empower
include



EPALE
Thematic Focuses
2023

