Skills Revolution

Innovative instruments for skills development
Challenges

**Adult participation in learning (%)**

Source: Eurostat; 2021 data, except UK 2019; ME, NMK, TR 2020

**Population by will to participate in education and training (%)**

Indicator: Persons who did not participate and did not want to participate

Challenges

Digital Economy and Society Index, by Main Dimensions of the DESI

Legend
- Human Capital
- Connectivity
- Integration of Digital Technology
- Digital Public Services

European Commission, Digital Scoreboard

DESI — Digital Scoreboard - Data & Indicators (digital-agenda-data.eu)
## Innovation – why and how

| Emerging issues | Growing diversity of learners’ profiles and expectations leading to growing demand for lifelong learning opportunities  
Changing economic environment and disruptions impacting skills demand  
Technology advancement, digitalisation; Socio-economic divide |
|-----------------|------------------------------------------------------------------------------------------------|
| **Innovation trends** | • Flexible and personalised learning pathways (microcredentials, Individual Learning Accounts, validation of nonformal and informal learning etc.)  
• Increasing importance of non-formal learning and connecting non-formal and formal ALE  
• Attractive, engaging and relevant learning environments  
• Digital and online learning including impact on assessment and certification  
• Consolidation or incorporation of new / complementing roles in adult teaching and learning (counselling, orientation, follow up, social support)  
• Embed digital and green relevant competences and 21st century skills in ALE  
• New actors and expanded partnerships for skills development (local/regional; non-traditional actors), including public-private partnerships  
• Increased reliance on online platforms to enhance labour market and skills information and matching through interlinked registers of qualifications, learning providers and opportunities, vacancies  
• Data availability for monitoring and update of policies, including potential of big data, web-mining etc. |

## Preconditions for agile and innovative adult education and learning

| Preconditions | • Embrace diversity of set-ups for skills formation and learners  
• Reward rethinking / innovation of tools, instruments, approaches in ALE  
• Enable spreading innovation across ALE providers and programmes and connect grassroots initiatives with policy/system level decision making |

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Resources

European Pillar of Social Rights | European Commission (europa.eu)
European Skills Agenda - Employment, Social Affairs & Inclusion - European Commission (europa.eu)
Upskilling Pathways - New opportunities for adults - Employment, Social Affairs & Inclusion - European Commission (europa.eu)
Action to improve lifelong learning and employability (europa.eu) - Individual Learning Accounts; European approach to micro-credentials for lifelong learning and employability
Pact for Skills - Employment, Social Affairs & Inclusion - European Commission (europa.eu)
Centres of Vocational Excellence - Employment, Social Affairs & Inclusion - European Commission (europa.eu)
Policies for system change and lifelong learning | ETF (europa.eu)
Building lifelong learning systems: Skills for green and inclusive societies in the digital era | ETF (europa.eu)
Micro-credentials are taking off | ETF (europa.eu)
Investing in career guidance | ETF (europa.eu) – career guidance at the heart to lifelong learning systems
The Skills Lab Network of Experts | Open Space (europa.eu)
Community of Innovative Educators | Open Space (europa.eu)
Vocational excellence | ETF (europa.eu)
ETF Governance Learning Action and Dialogue Network Launch | Open Space (europa.eu)
Thank you / Merci!

Learn more / En savoir plus


Further information: www.etf.europa.eu