



# **EU skills agenda: Helping individuals and businesses develop more**

**and better skills**

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# Our context - Changing labour markets



**Atypical forms  
of work**



**More frequent  
professional transitions**



**Shifting employment  
between sectors**



**Shifting skills  
needs**



**Demographic  
changes**

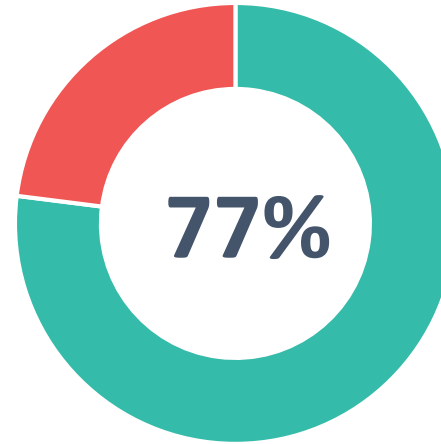
# Policy Challenge

## Low adult learning participation

21 Member States did not reach the EU adult learning target for 2020

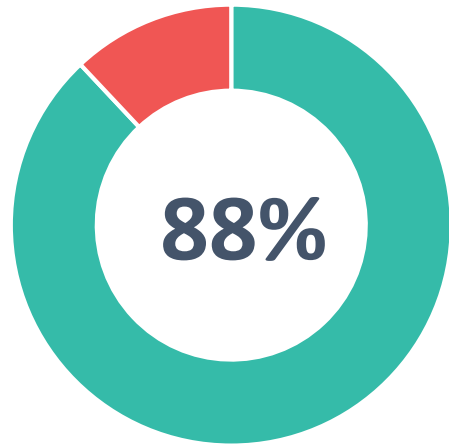


## Skills shortages in a context of accelerating digital and green transitions



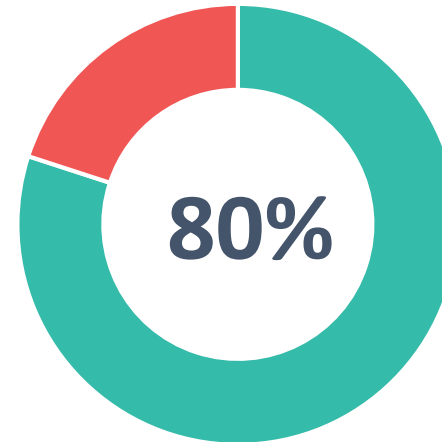
of companies report difficulties finding employees with right skills

## Uneven support



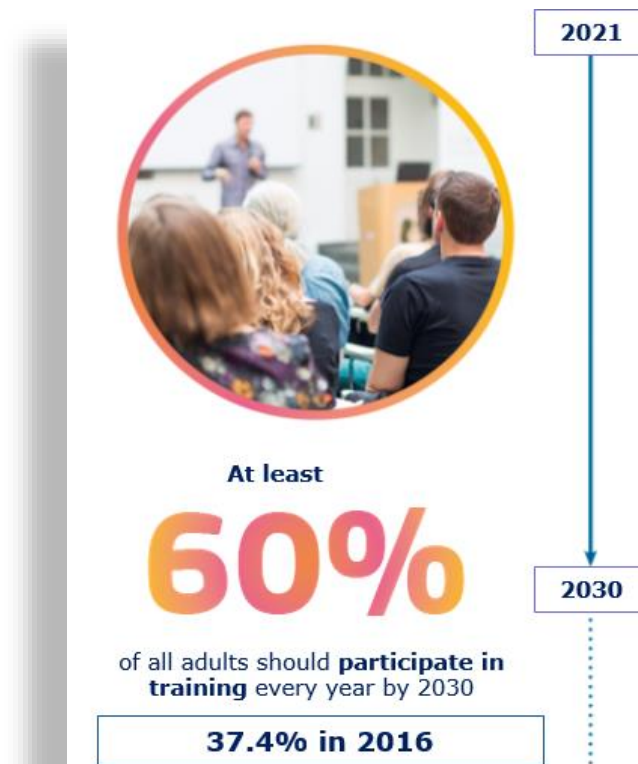
of job-related training sponsored by the current employer

## Insufficiently attractive supply

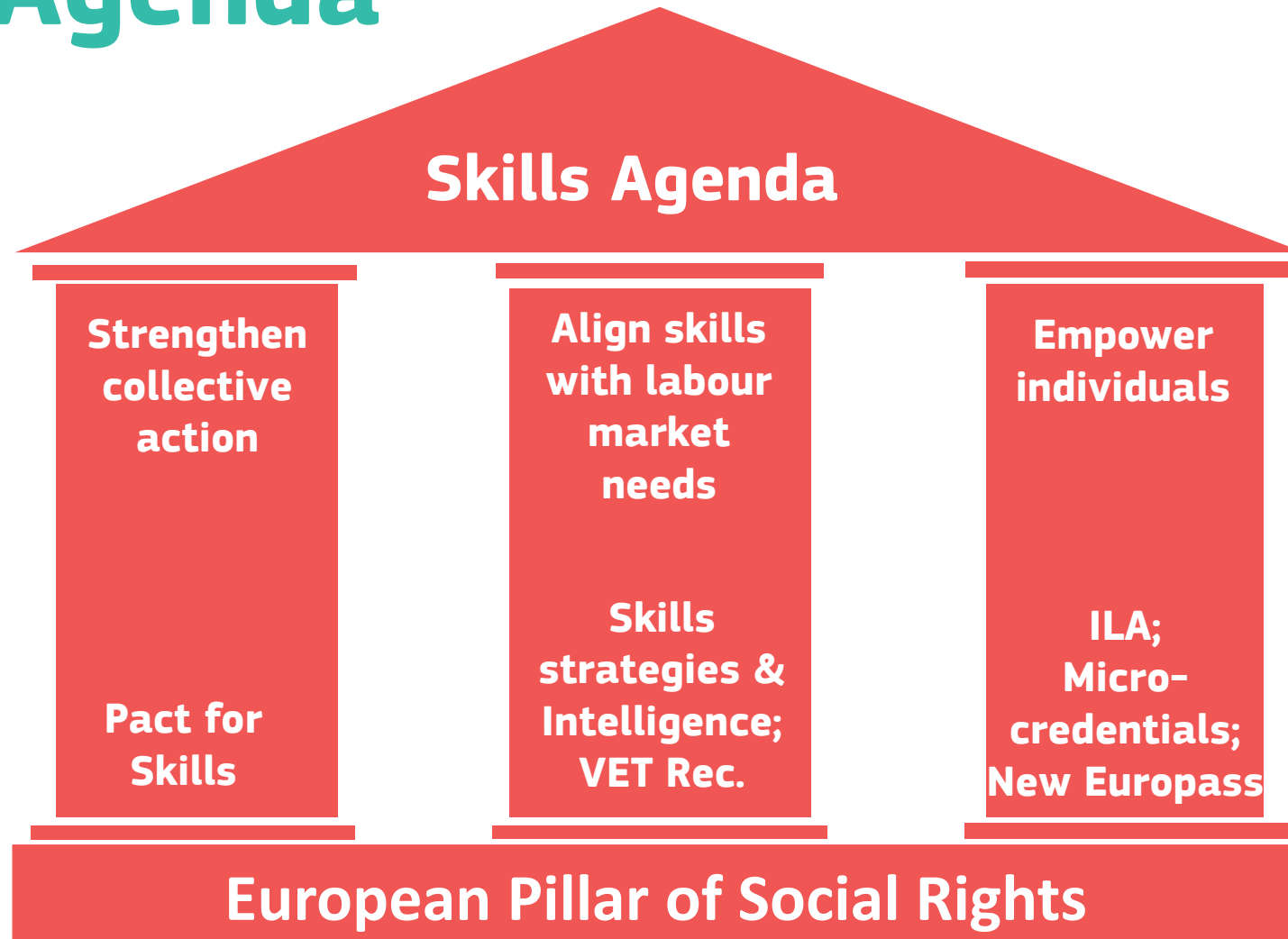


of non-learners in the past year “*did not want*” to learn

# Increasing policy attention



# Skills Agenda



# Pact for Skills





# Who?

## Large scale partnerships

- Major players in industrial ecosystems
  - Partnerships based on Blueprints
  - Public authorities
- Concrete investments in upskilling opportunities for employees in the company and in a whole value or supply chain

## National, regional or local partnerships

- Employers
  - Public authorities
  - Stakeholders e.g. VET providers, PES, social partners
- Building on the work of Eurocities and Intelligence Cities Challenge, Centres of Vocational Excellence, Clusters

## Individual commitments

- Companies
  - Stakeholders
- } Commit to provide quality upskilling opportunities

## Sector Skills Alliance and Blueprint

- Sectoral cooperation
- Design of VET
- In Erasmus+ open to all industrial ecosystems

## EAfA pledges

- New commitments for digital and green apprenticeships

## Social Partners Arrangements

- Tripartite agreements focus on upskilling and reskilling

# What do I commit to?

**Promoting a culture of lifelong learning for all**

**Working against discrimination, for gender equality and equal opportunities**

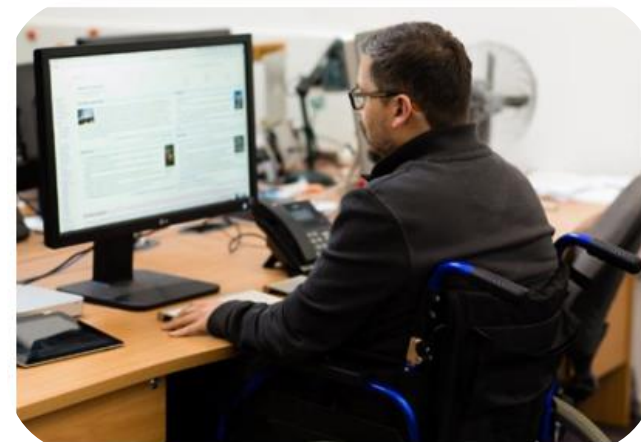
**Building strong skills partnerships with relevant stakeholders**

**Monitoring skills supply/demand and anticipating skills needs**

## Joining the Pact in practice

1. Sign up to the **Charter** and its key principles
2. Translate engagement into concrete commitments
3. Monitor commitments

Apply  
<https://ec.europa.eu/social/PactforSkills>

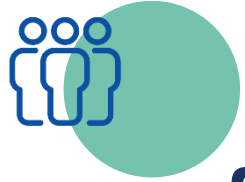




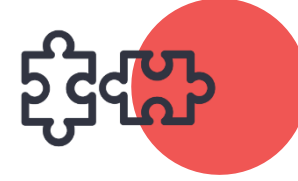
# Already with the Pact for Skills

- **Over 500 signatories** of the Charter, including close to 200 with concrete commitments.
- **All MS** have now stakeholders committed to the Pact.
- **Very different types of stakeholders:** from big multinational, to local training providers, with chambers of commerce, SMEs, regional authorities, sectoral clusters, large-scale partnerships in key ecosystems, national authorities and diverse kinds of networks and associations.
- **100 of them are training providers.**

# Individual learning accounts



**Universal but  
differentiated support**



**Accumulation &  
transferability** of  
entitlements



Use **it in transitions** from job  
to job or in times of  
**unemployment**

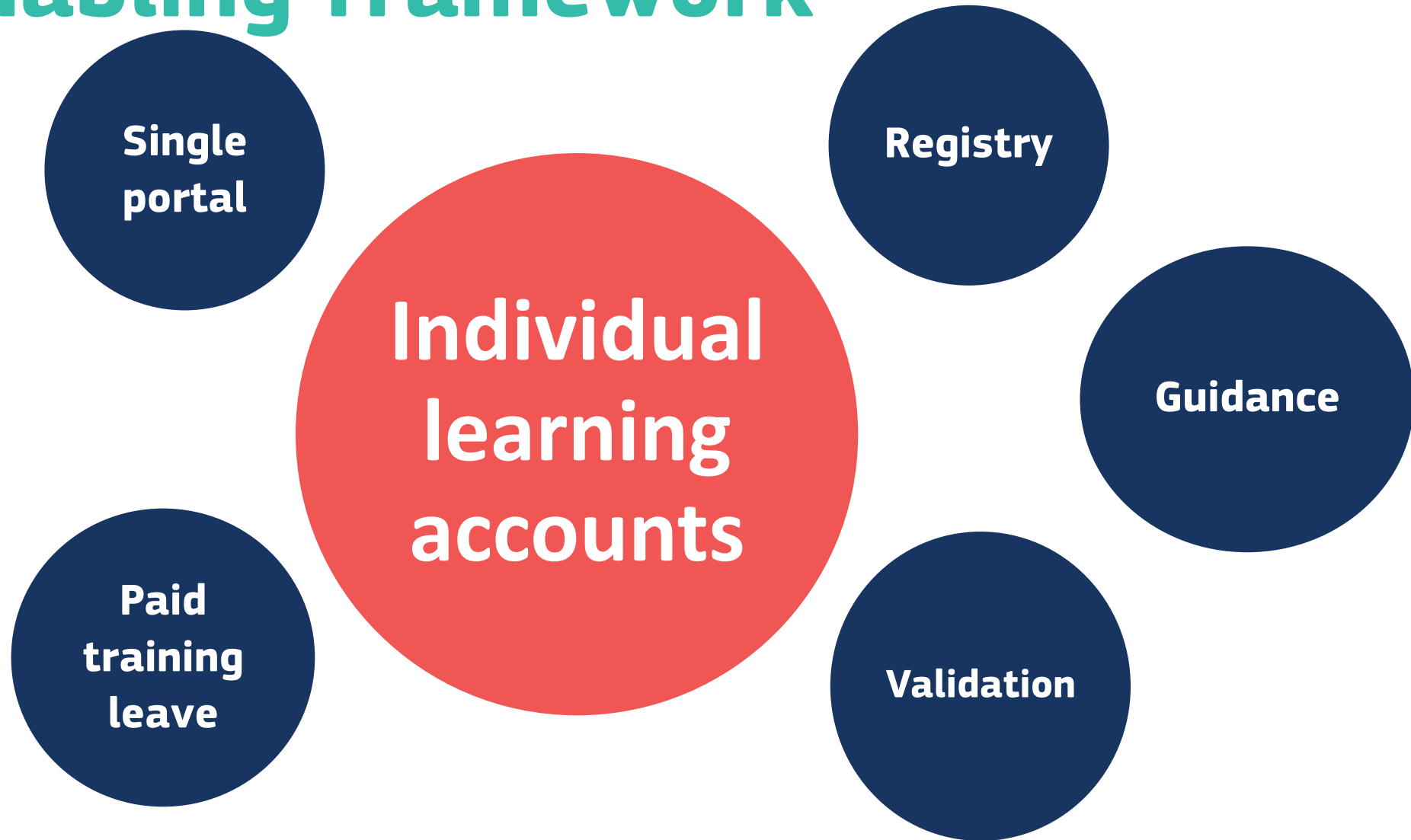


**ILA**

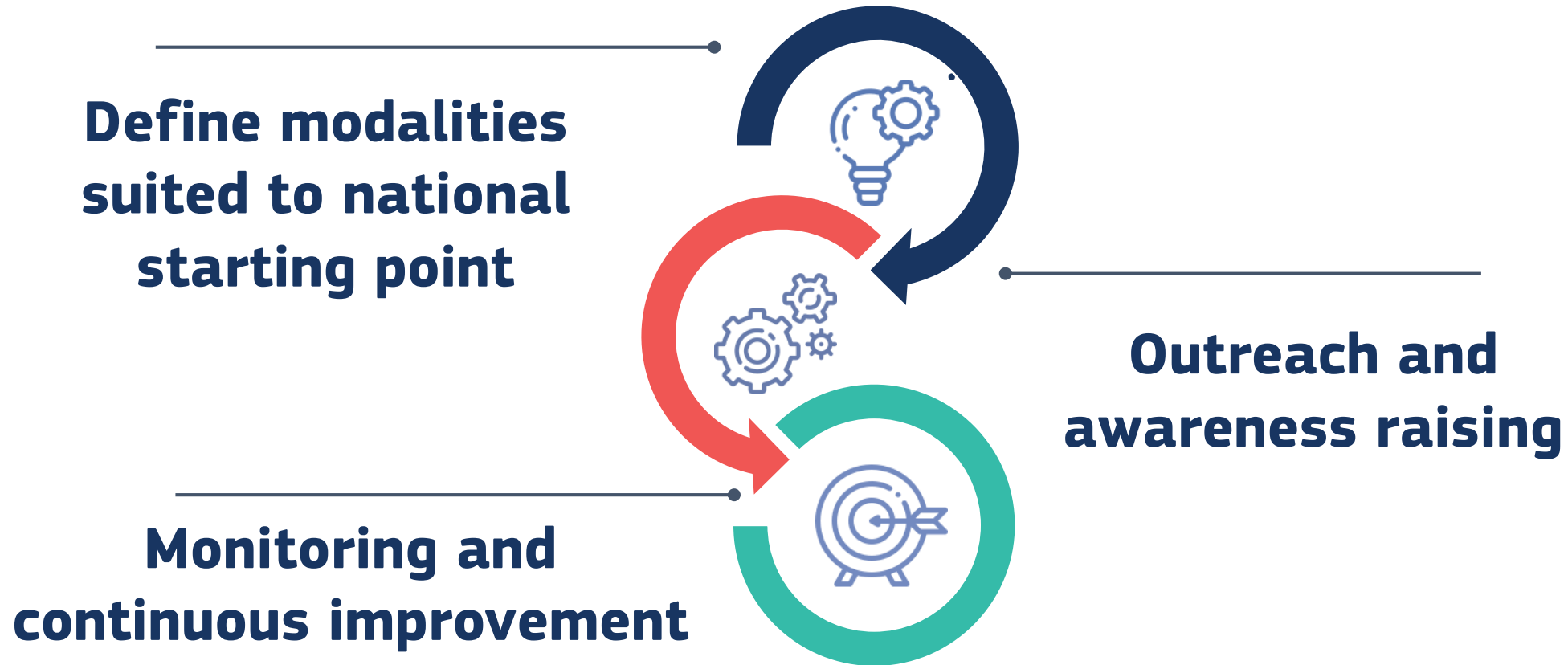


Keep it **while temporarily  
abroad** and even use it  
from there

# The enabling framework



# Outreach, awareness raising, monitoring



# EU support (Art. 27)

## Funding

- Recovery and Resilience Facility
- European Social Fund Plus
- European Regional Development Fund
- Just Transition Fund
- Technical Support Instrument

## Implementation

- Facilitate mutual learning
- Develop relevant guidance material
- Further develop the Europass platform to support the recognition of ILA-funded training

# Micro-credentials

- Micro-credentials can be used to **complement & enhance** education, training, lifelong learning and employability ecosystems
- Proposal **does not seek to replace or disrupt existing systems or qualifications**
- The proposal establishes a **common European approach to the ongoing and emerging provision** of micro-credentials



# Micro-credentials - Outline of the proposal

## 'Building Blocks'

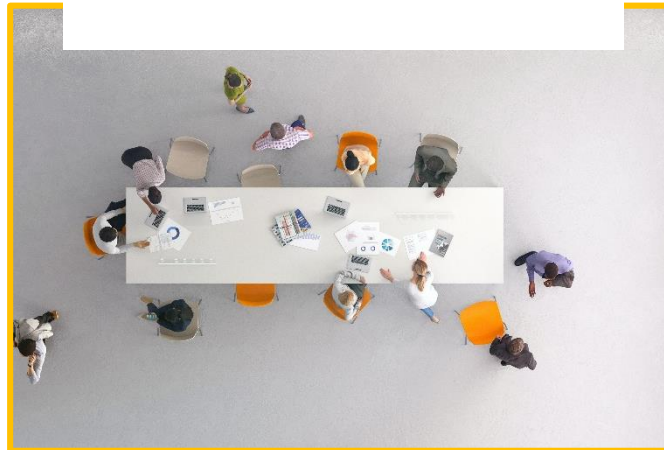


Common Definition of  
micro-credentials

Standard Elements

Principles for the design  
and Issuance of micro-  
credentials

## Recommendations

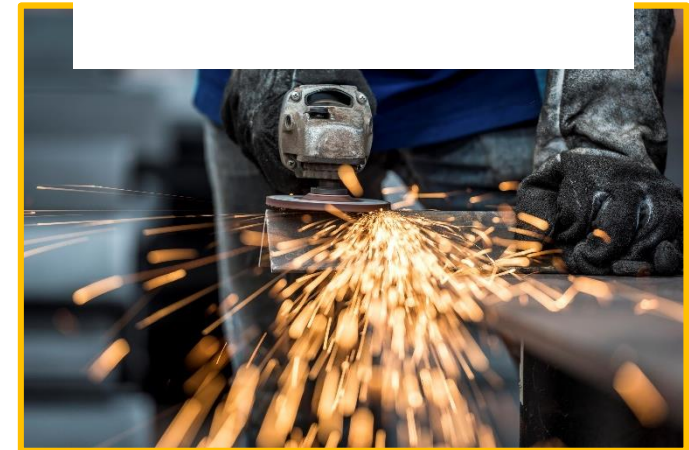


Development of  
ecosystems for micro-  
credentials

Deliver on the potential of  
micro-credentials

Commission Support

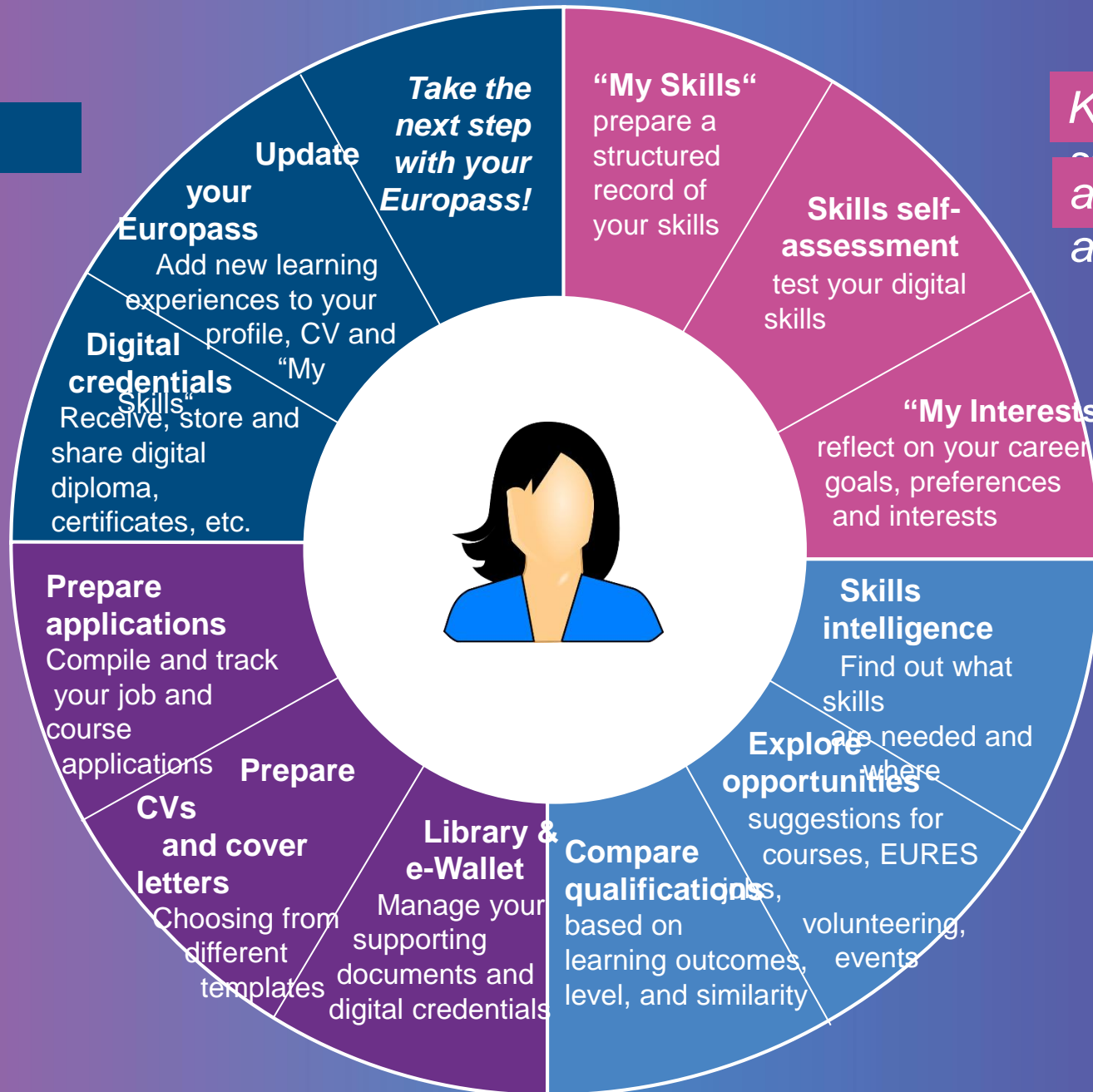
## Focus



Education, training and  
skills policies

Active Labour Market  
Policies

*Record your  
learning*



*Know your skills,  
strengths  
and  
ambitions*

*Take  
action*

*Explore your  
options*



**europass**

# Europass Components

## Europass infosite

Presents information as described on the Europass decision and the first access point to register and use the digital tools.

## e-Portfolio

Set of online tools & information to manage every step of your learning and career.

## Digital skills Test

Open source tool to assess and improve digital skills. Based on the Digital Competence Framework.

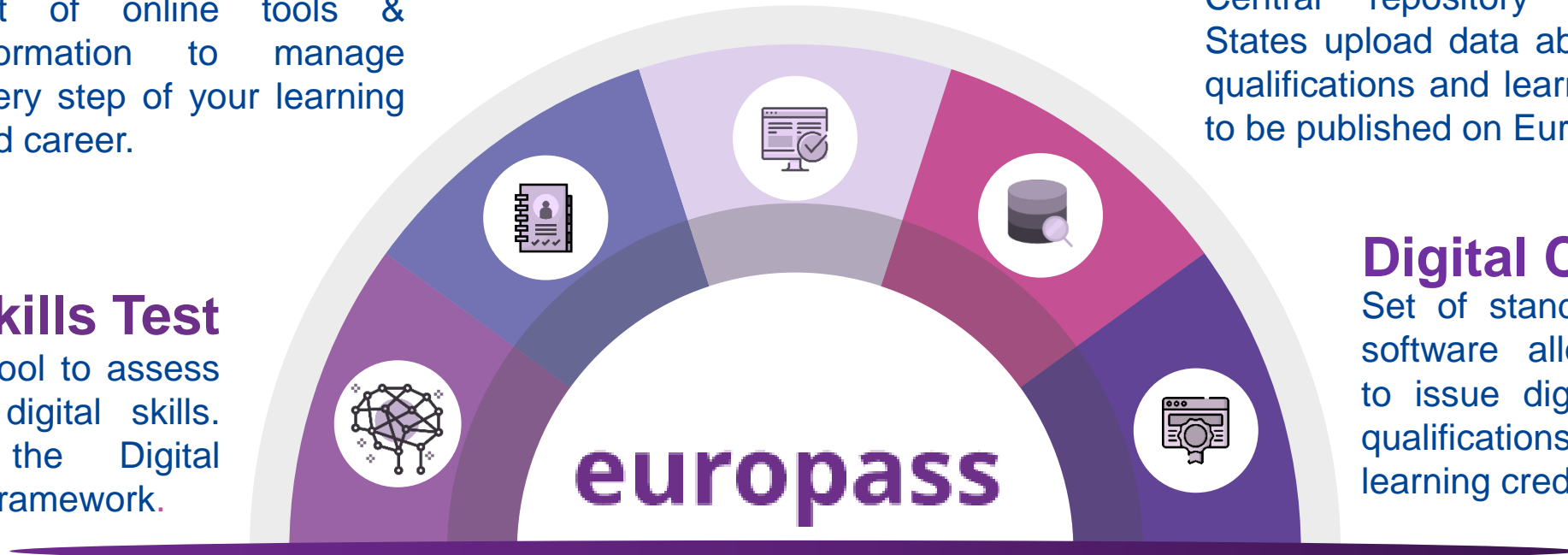
## INTEROPERABILITY

## Qualifications Data Register

Central repository where Member States upload data about their national qualifications and learning opportunities to be published on Europass.

## Digital Credentials

Set of standards, services & software allowing institutions to issue digital, tamper-proof qualifications and other learning credentials.



# QDR



## 1.1. COUNTRIES THAT PUBLISHED QUALIFICATIONS

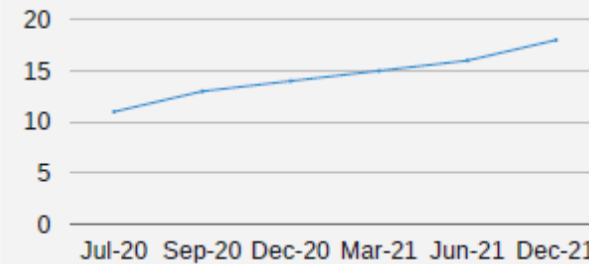
NTT DATA

Figure 1- EQF AG -countries that published qualifications (18)



(BE (fr+nl), CZ, DE, EE, EL, FR, IE, LT, LV, MT, NL, HU, PL, PT, SI, SE, IS, TR)

Figure 2- number of countries that published qualifications: evolution since launch



52%

Of the EQF AG countries (total: 35) have published qualifications in Europass

# QDR



## 1.2. COUNTRIES THAT PUBLISHED LEARNING OPPORTUNITIES

NTT DATA

Figure 3- EQF AG -countries that published learning opportunities (7)

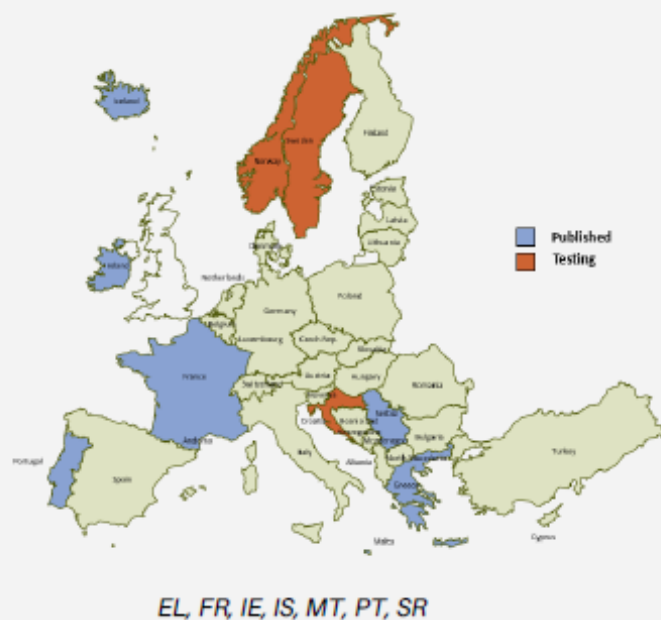
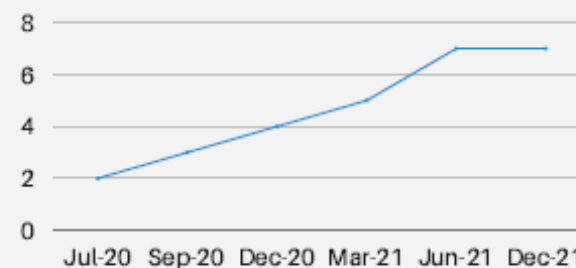


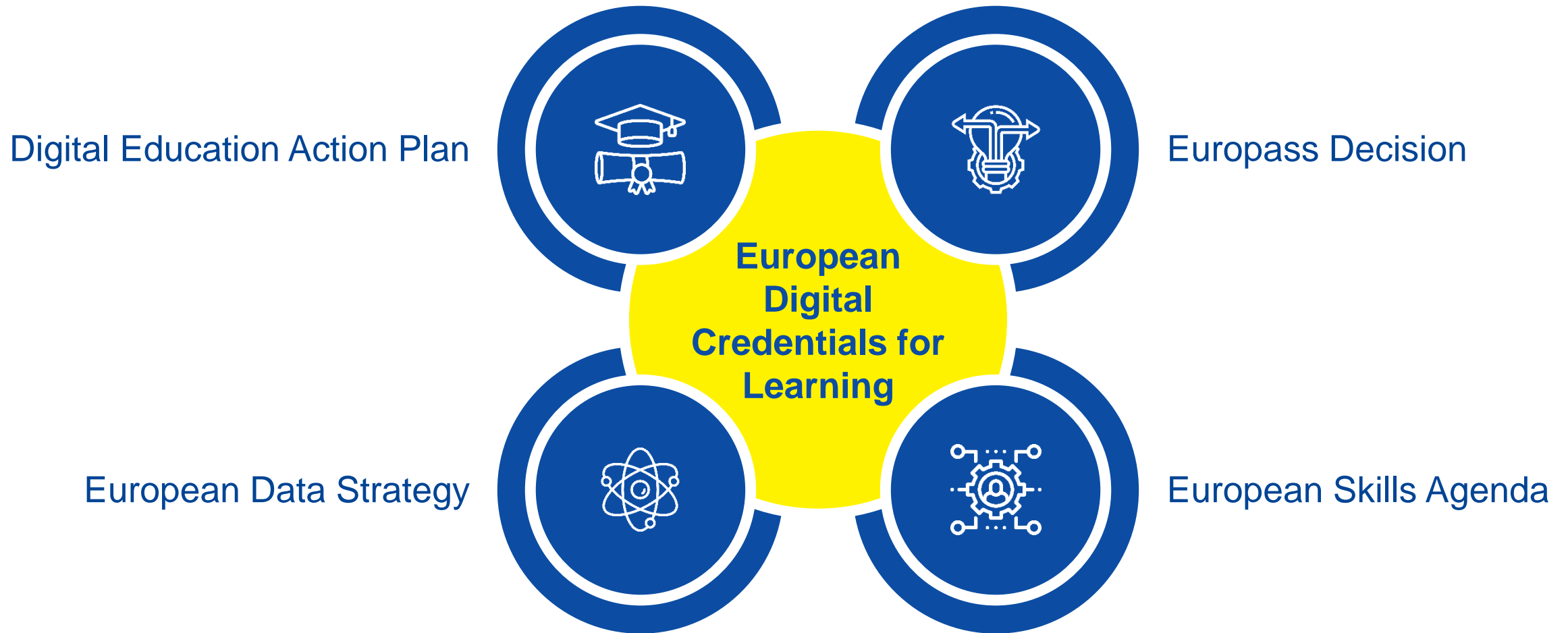
Figure 4- number of countries that published learning opportunities: evolution since launch



20%

Of the EQF AG countries (35) have published learning opportunities in Europass

## EDC – Central To EU's Skills Agenda





# Elements of the EDCL Infrastructure

## Standards

1. European Learning Model  
(Linked to W3C VC)

## Services

1. Issuer
2. Wallet
3. Viewer
4. Accreditation DB

## Software & Support

1. eIDAS & EDCL code  
libraries
2. Playground & API library
3. Helpdesk

# European Digital Credentials for Learning

## Functions



### Identify

Learners who will  
be awarded the  
credential



### Issue

credentials and  
send them to their  
owners



### Store

credentials  
securely in a  
single online or  
offline wallet




### Verify


if the credential is  
authentic, valid and  
issued by an  
accredited  
organisation





### Share


the information in the  
credential with any  
other person or  
organisation with just  
a click



 Ana Andromeda



 Sveučilište u Splitu



 Master of Science in Civil Engineering



 Applied mathematics course



 Applied mathematics Study visit



 Concrete structures I course



 Dynamics of structures and earthquake engineering course


 Geotechnical engineering course


 Stability of structures course


 Postgraduate doctoral study


 Civil engineer


 Recognition for credit

## Master of Science in Civil Engineering

**Awarding Date:** 20/09/2019 00:00 GMT +0200

**Awarding Body:** Fakultet Građevinarstva, Arhitekture i Geodezije

This is the overall description of the achievement of the Master of Science in Civil Engineering, that is linked to the overall credential, together with its sub-achievements.

### Proven by

Title	Grade
Overall Assessment	excellent (5)

**Influenced by:** Applied mathematics course, Applied mathematics Study visit, Concrete structures I course, Dynamics of structures and earthquake engineering course, Geotechnical engineering course, Stability of structures course

**Entitles Owner to:** Postgraduate doctoral study , Civil engineer , Recognition for credit

### Sub-Achievements

Applied mathematics, Concrete structures I, Dynamics of structures and earthquake engineering, Geotechnical engineering, Stability of structures

### Specification

**Ach-Spec-ID-Scheme identifier:** AchSpecID-72

**Learning Outcomes:**

**LO1 related to applied mathematics** 

**LOID-Scheme identifier:** LOID-73a

To formulate equations of mathematical physics for engineering problems, and to solve them analytically or with numerical methods.

**Type:** knowledge

**Reusability Level:** cross-sector skills and competences

**Related ESCO Skills:** use mathematical tools and equipment, execute analytical mathematical calculations, geodesy

**Related Skills:** applied mathematics, perform engineering calculations, construct earthquake resistant structures

# European Learning Model

includes 250 properties to describe

- Organisations
- Details of the credential owner
- Achievements (including grades and references to learning outcomes, EQF/NQF levels, ISCED-f codes, ESCO skills activities and entitlements)
- Activities (by start and end dates; format, mode and volume of learning)
- Entitlements (Entitlement to work as an attorney or enroll in further education)

## Areas of EDC adoption

- LU “digital Luxembourg” strategy (1600+ **VET** diplomas issued by Oct-21)
- HR issued its first multilingual digital **degrees** in Oct-21
- European Universities of the Seas (SEA-EU) and Digital Innovations in Credential Evaluation and the Networks (DigiNet) using EDC for **recognition**,
- MT issued 2,200+ **transcripts of records** in early 2022,
- European Student Network issues **non-formal** training certificates from within a few weeks of joining the Early Adopters Programme,
- European Consortium of Innovative Universities (ECIU) **building own solution**,
- Vendors (e.g. Moodle and Digitary) developing own **interoperable credentialing products**

# Upskilling Pathways



- + **supporting measures** such as:
- Motivation and outreach measures
- Guidance and mentoring
- Professional development of education staff

# Upskilling Pathways - evaluation

Public  
consultation

Targeted  
consultations

Supporting  
study

Commission  
staff working  
document



# Evaluation of the EQF Council Recommendation

## OBJECTIVE



The 2017 EQF Council Recommendation aims to increase transparency, comparability and portability of people's qualifications and to support lifelong learning. Point 18 calls upon the European Commission to **assess and evaluate** actions taken.

## SCOPE OF THE EVALUATION



- All **EQF countries** and the period **1 June 2017 to 1 June 2022**.
- Questions of **effectiveness, efficiency, relevance, coherence and EU added value**. For example, it will assess to what extent and in what manner the objectives were reached, such as facilitating lifelong learning, and what lessons learnt can be drawn for the future.



# Thank you!