



The EU Skills Agenda in a Life Long Learning perspective

**e-IRG meeting
Helsinki, 5 December 2019**

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A future of transitions



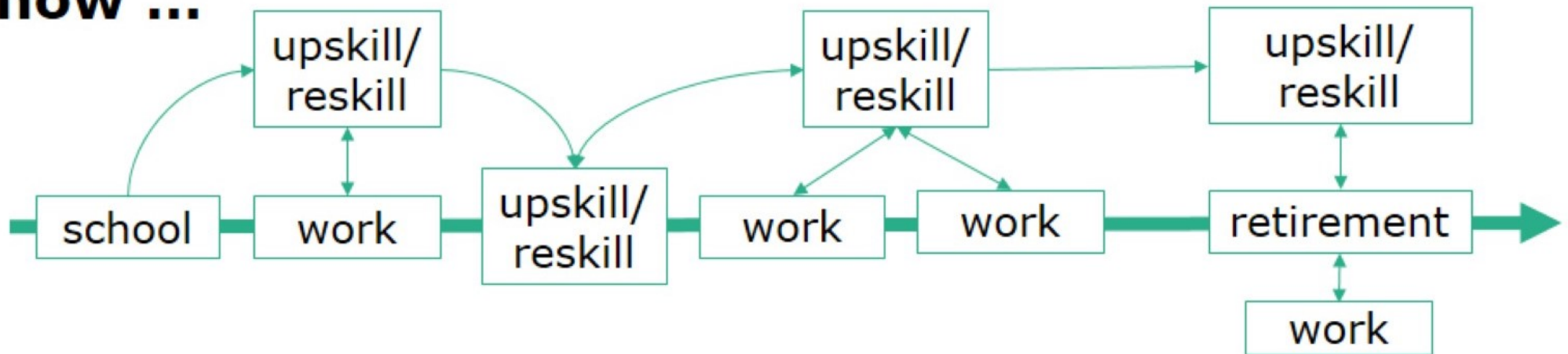
- ► changing jobs more frequently
 - - 15-20 different jobs in a lifetime
 - ► content of work changing faster
 - - by 2022: 54% of existing workforce will need up/reskilling
 - ► changing tasks more than redundant jobs – 'cobotisation'
 - - 2018: machines/algorithms 29% - humans 71%
 - - 2022: machines/algorithms 42% - humans 58%
- EC- EPSC (2016), Eurofound (2018), WEF (2018)

Work – learning transitions

then ...



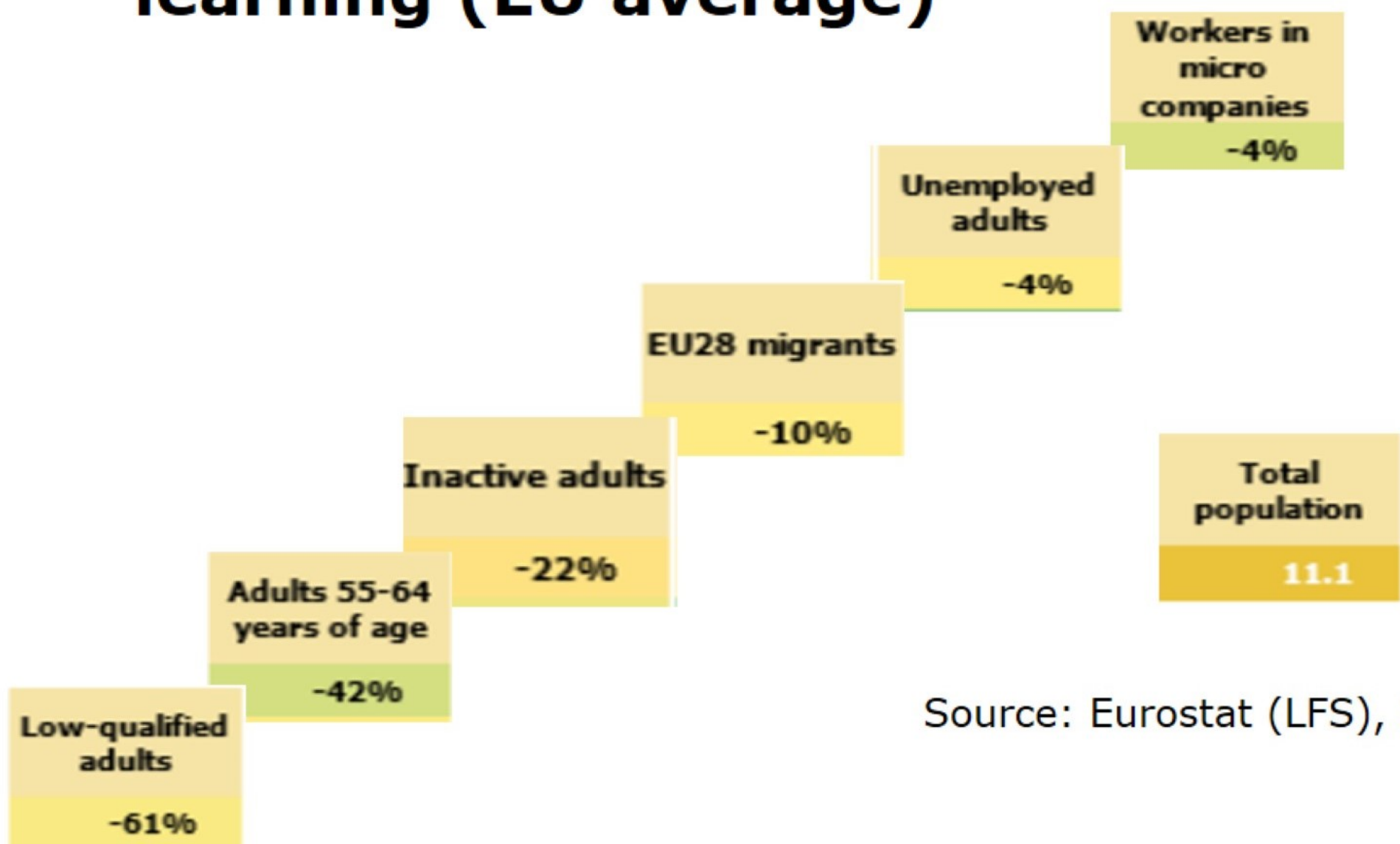
now ...



**EU countries
spend only 0.5%
of the GDP on
adult learning.**



Relative disadvantage in access to learning (EU average)



Source: Eurostat (LFS), 2018

How to get to the other side?



- Strong governance
- Engaging employers
- Career-long guidance build on skills intelligence and validation of skills
- Empowering individuals
- Skills for life
- Cost-efficient funding

SKILLS AGENDA FOR EUROPE

Quality & relevance of skills

1. Upskilling Pathways

2. Key Competences Framework

3. VET as a first choice

4. Digital Skills and Jobs coalition

Visibility and comparability

5. Revision of EQF

6. Skills profile tool for 3rd country nationals

Skills intelligence

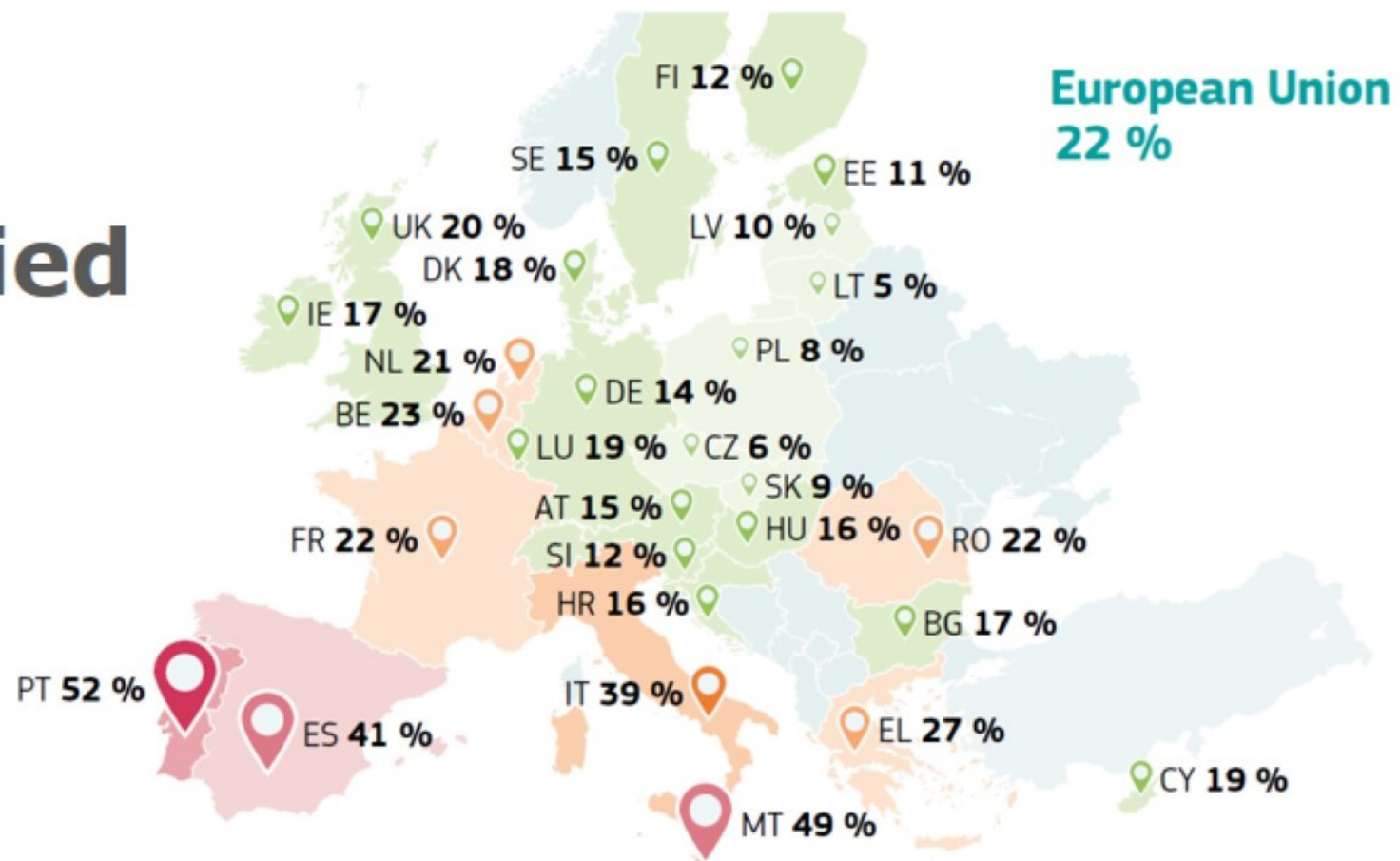
7. Revision of EUROPASS

8. Analysis of brain drain

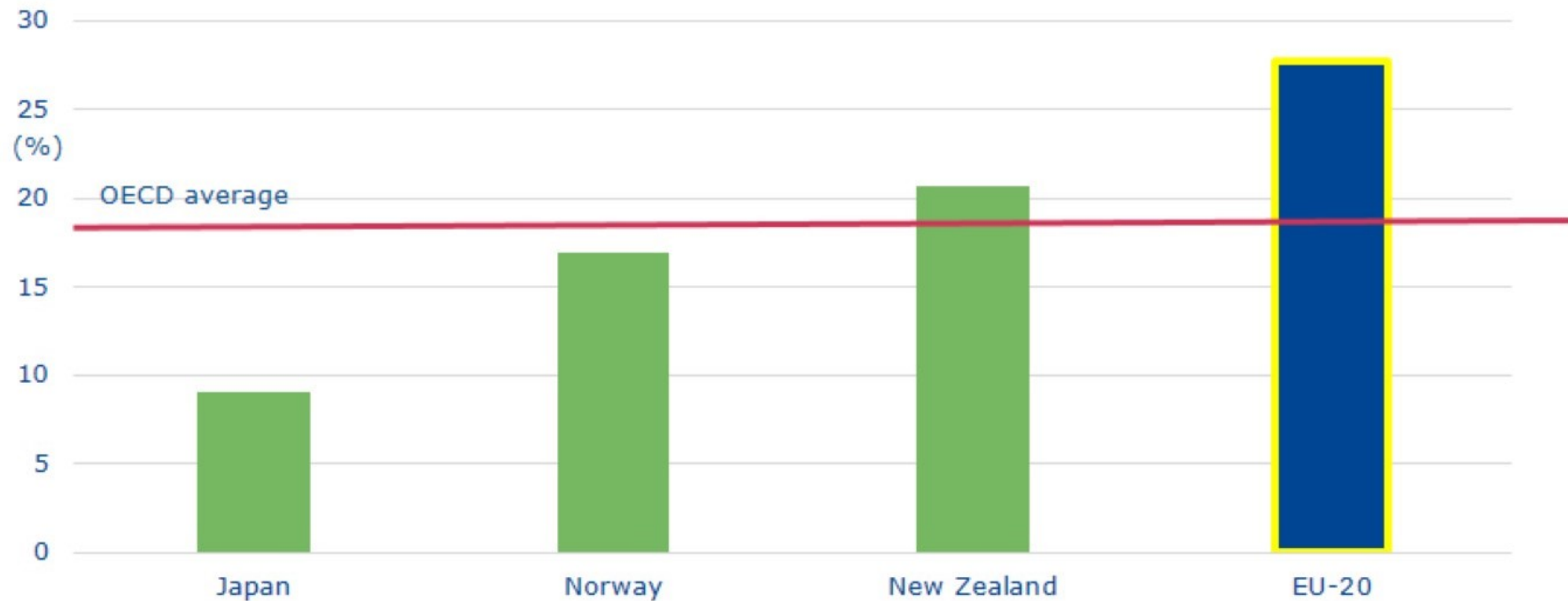
9. Blueprint for Sectoral Cooperation on Skills

10. Initiative on graduate tracking

Share of low-qualified adults in the EU



Low-skilled challenge



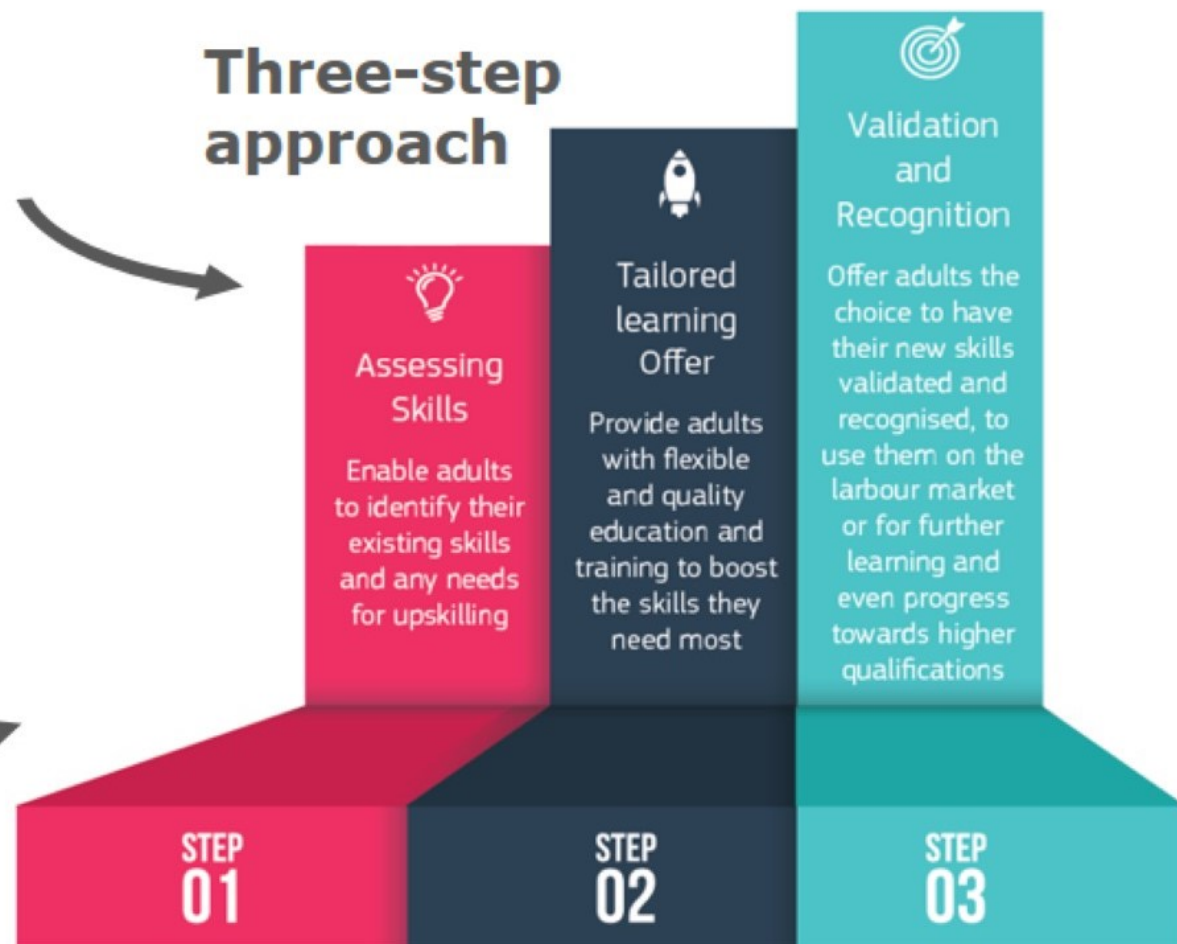
Share of low-skilled adults (without basic literacy or/and numeracy)

Source: OECD

Upskilling Pathways

Three-step approach

Enablers



Key competences/transversal skills



Literacy
competence



Digital
competence



Entrepreneurship
competence



Multi-lingual
competence



Personal,
social &
Learning to
learn
competence



Cultural
awareness &
expression
competence



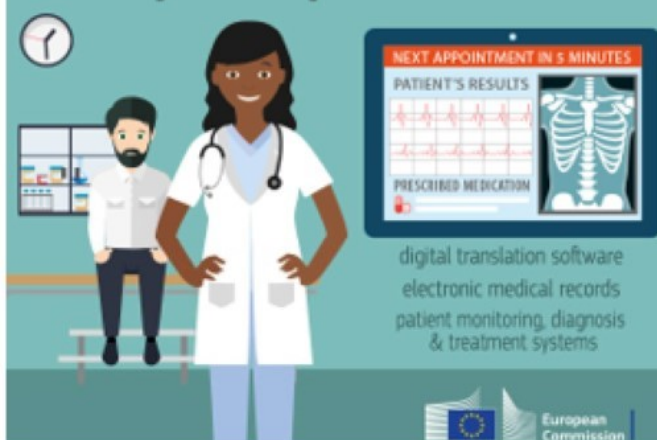
Mathematical
competence &
competence
in science,
technology,
engineering



Citizenship
competence

Digitisation is transforming the economy

Today's hospital doctors need digital skills



Benefits:

- facilitates communication between doctors & patients
- improves access to medical information
- allows doctors to save time and to treat more patients



#EUSkillsAgenda

Today's industrial machine operators need digital skills



Benefits:

- faster manufacturing & reduced errors
- less hard, manual, repetitive tasks
- manufacturing processes more sustainable.



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Today's VET teachers need digital skills



Benefits:

- improved communication between teachers & students
- improved quality of learning
- increased safety



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Today's farmers need digital skills



Benefits:

- improved decision making
- less repetitive & physically demanding tasks
- increased flexibility, productivity & animal health



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Digital Skills and Jobs Coalition

- **Broad scope:** beyond ICT sector e.g. health care, farming, education, accounting, engineering and retail.
- More than 400 members
- 103 organisations have made pledges (to provide training)
- **Thematic pledges:**

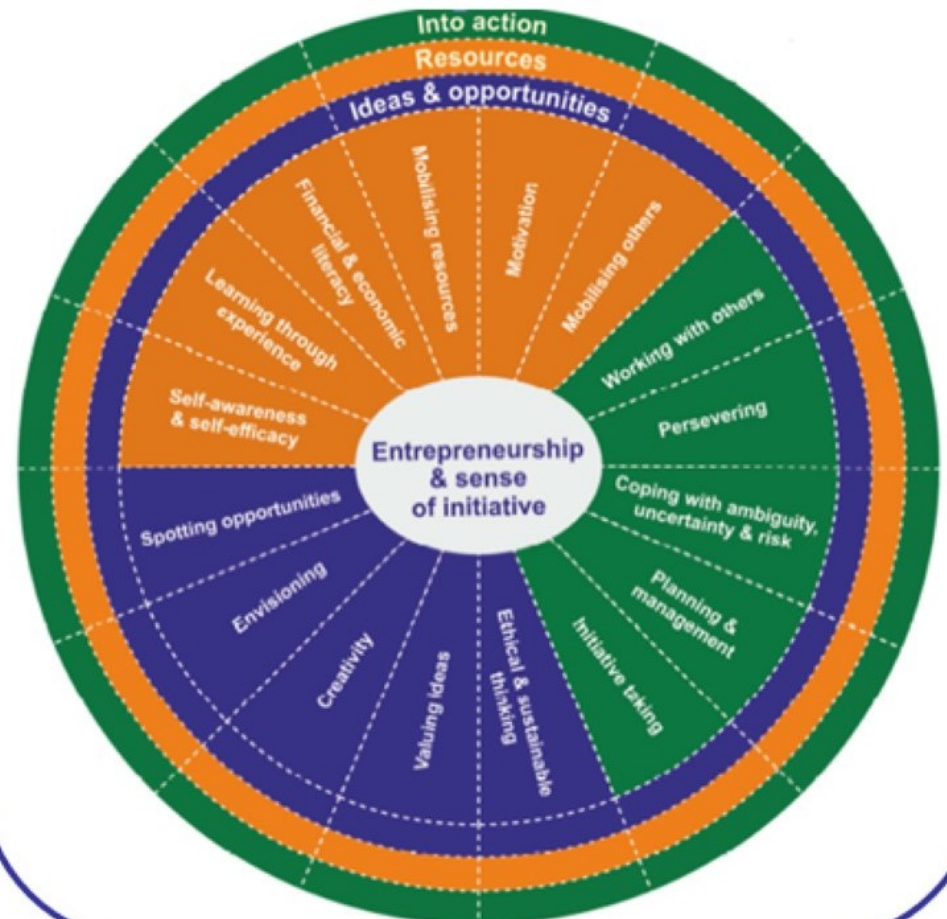


Two competence frameworks already exist

Digital Competence Framework for Citizens

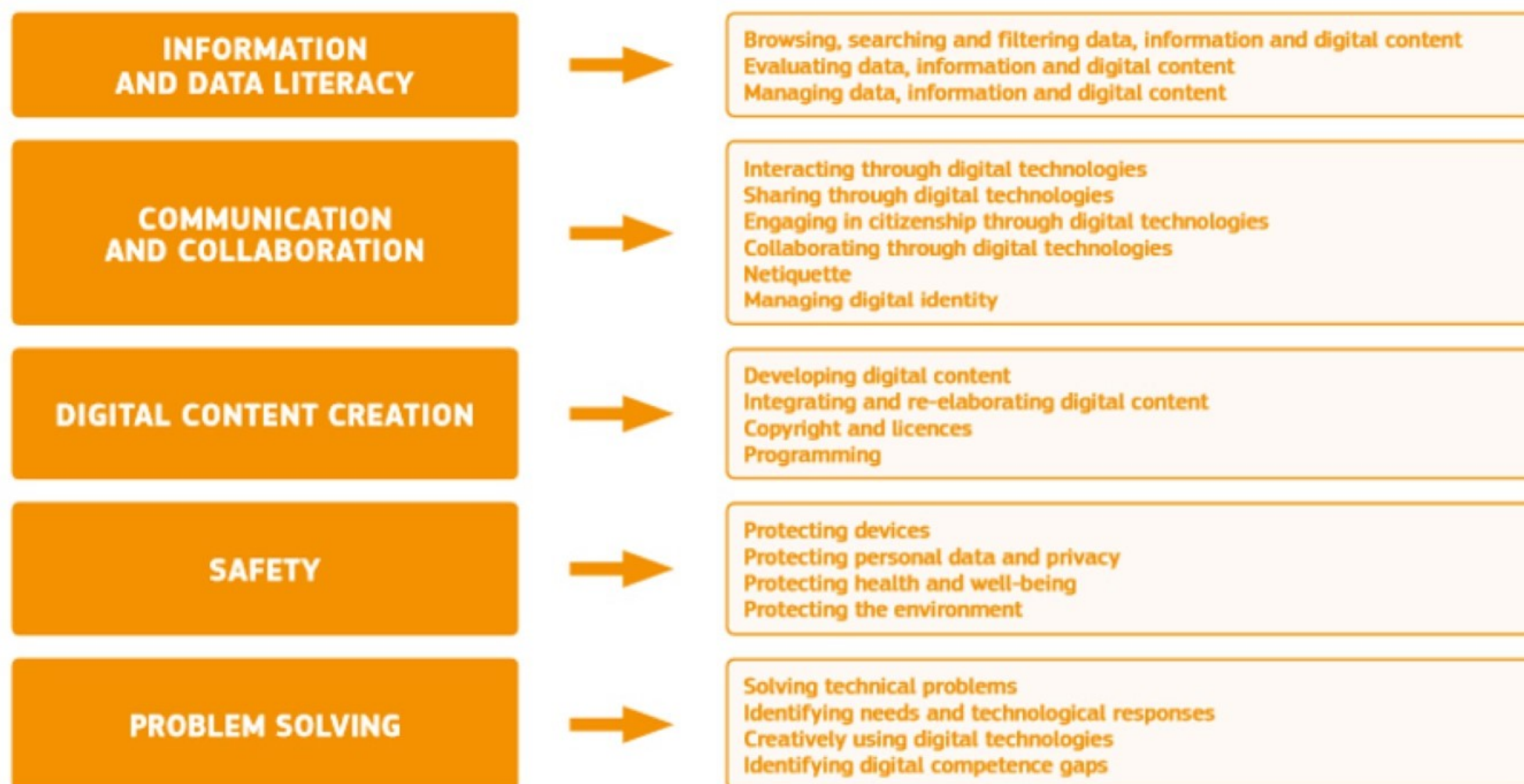


Entrepreneurship Competence Framework





DigComp's five key areas and 21 competences



GERMANY

BILDUNG IN DER DIGITALEN WELT.
EMBEDDING DIGITAL COMPETENCE
IN THE SCHOOL CURRICULUM



P. 117

**ESTONIA SAMSUNG DIGI PASS FOR VOCATIONAL SCHOOL STUDENTS IN
ESTONIA**

**SPAIN IKANOS - NIRE GAITASUN DIGITALAK / MIS COMPETENCIAS
DIGITALES**

Blueprint for Sectoral Skills

Wave 1 (2017)



Automotive
project-drives.eu



Maritime
technology
projectmates.eu



Space
geo-information
eo4geo.eu



Textile, clothing, leather
and footwear
s4tclfbblueprint.eu



Tourism
nexttourismgeneration.eu

Wave 2 (2018)



Additive manufacturing



Construction



Maritime shipping



Steel industry

Wave 3 (2019)



Batteries for
electro-mobility



Bio-economy: new
technologies &
innovation
in agriculture



Defence
technologies



Digitalisation
of the energy
value chain



Energy-intensive
industries/
industrial
symbiosis



Microelectronic
manufacturing &
design



EUROPASS

*The European tool to manage
your skills, and plan your
learning and career.*

Main components of the new Europass



- Find opportunities
- Learn in Europe**
- Work in Europe
- Why Europass?

Your Europass

your life

The European tool to **showcase your skills**, plan your learning and your career... all in one place.

Create your Europass



find

Jobs

Training

Advice

Find

Learn in Europe

Find information on opportunities to learn or study in another European country and practical insights to support you when moving to another country. Here you will also learn about validation of non-formal and informal education and how to recognise your diplomas and qualifications.

Find learning opportunities in Europe now



Me ▾

My Skills

My Interests

Library

Applications

My Skills

Build your skills profile by confirming or rejecting skills suggestions from your personal profile. Update your personal profile to get more accurate suggestions or try the search.

Suggestions

protect health and well-being while...



use learning strategies



support company plan



apply quality standards



support cultural diversity



follow environmentally-sustainable...



attend to detail



accept constructive criticism



support gender equality



persist

🔍 photograph |

photography

advise customers on photography

work with the director of photography

commercial photography

research new photographic procedures

Edit mode ☒ View mode

My Skills

Application of knowledge

Digital competences

protect ICT devices

implement ICT safety policies

implement a firewall

implement spam protection

implement a virtual private network

Numeracy and mathematics

carry out work-related calculations

carry out work-related measurements

manage quantitative data

use mathematical tools and equipment

work with shape and space

Attitudes and values

demonstrate consideration

demonstrate enthusiasm

manage frustration

meet commitments

manage quality

adapt to change

Thinking

develop strategy to solve problems

evaluate information

make decisions

Social interaction

Framework for digitally-signed credentials

definition of a digitally-signed credential

- A credential, in its most essential form, is a **documented statement** containing claims made about a person.
- A Europass **learning credential** describes that the owner has certain skills or has achieved certain learning outcomes through formal, non-formal or informal learning context.
- A **digitally-signature (e-Seal)** guarantees the origin and integrity of the a document.



Framework for digitally-signed credentials

Functions





Thank you for your attention

Questions welcome!