" **SELFIE for work-based learning.**

A tool to support VET institutions and companies become fit for the digital age

FORUM ON VOCATIONAL EXCELLENCE

#copcoves
#europeanyearofskills

2023

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European Commission
Joint Research Centre

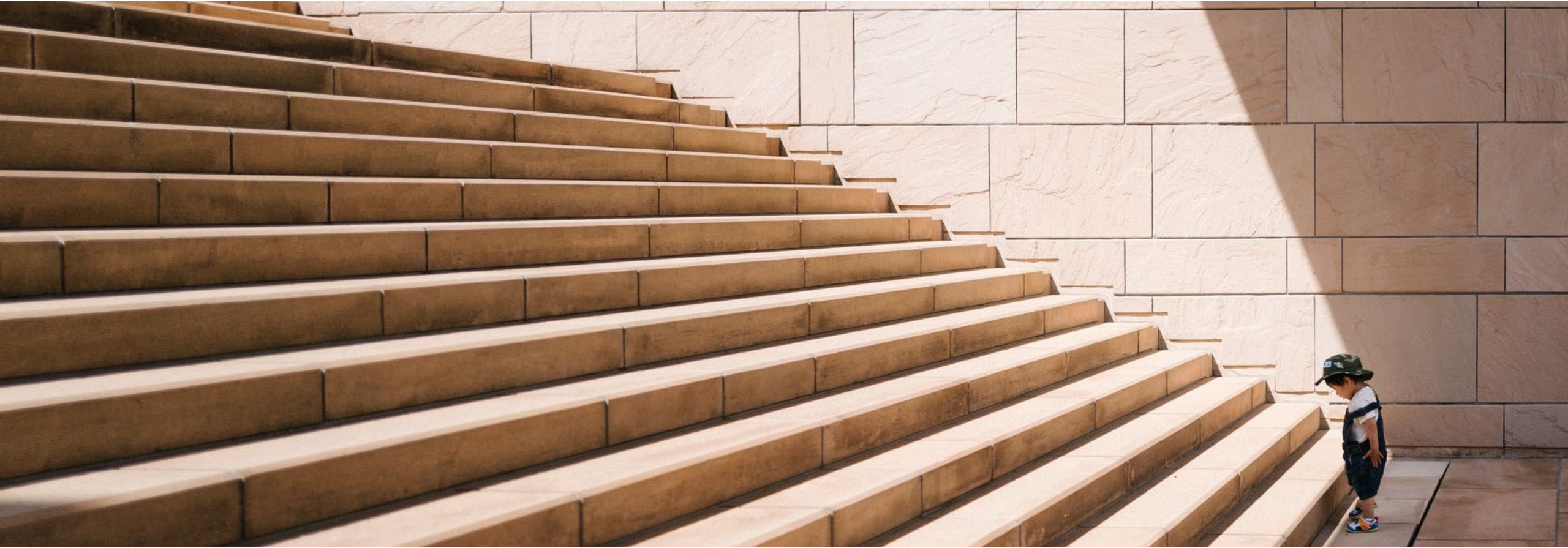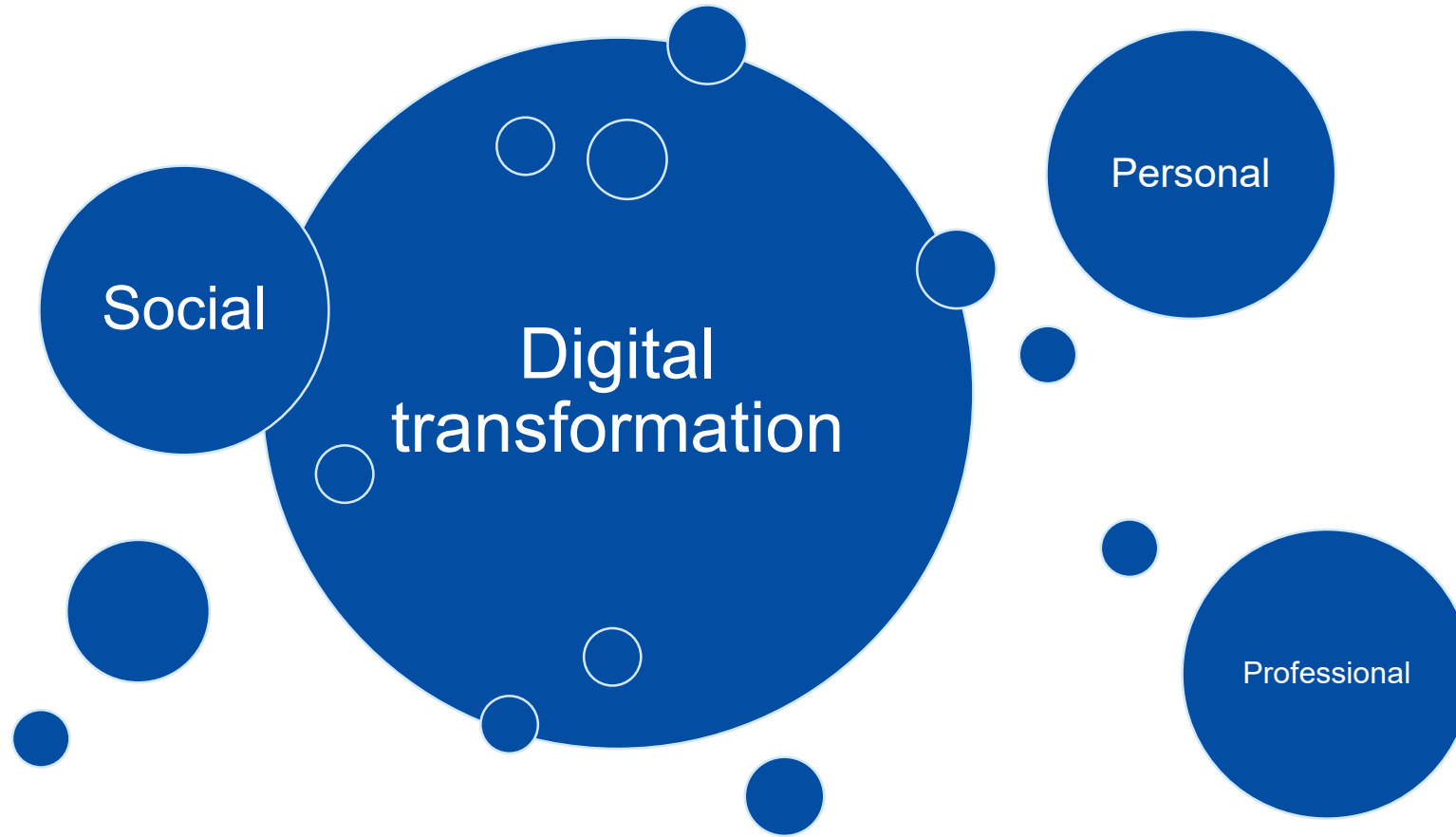# Science for policy

ANTICIPATE

INTEGRATE

IMPACT

Our purpose

The Joint Research Centre provides independent, evidence-based knowledge and science, supporting EU policies to positively impact society.

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Society is facing many challenges

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One key challenge

Social

Digital transformation

Personal

Professional
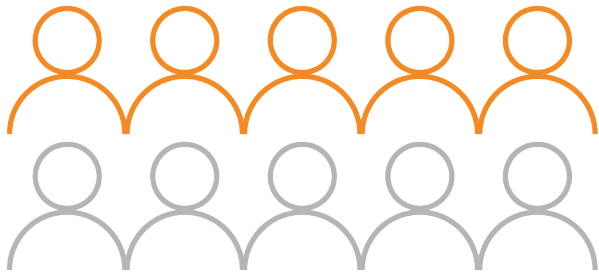
Some data

The Digital Economy and Society Index (DESI) shows that **5 out of 10 adults** and **every third person** who works in Europe **lack basic digital skills**.
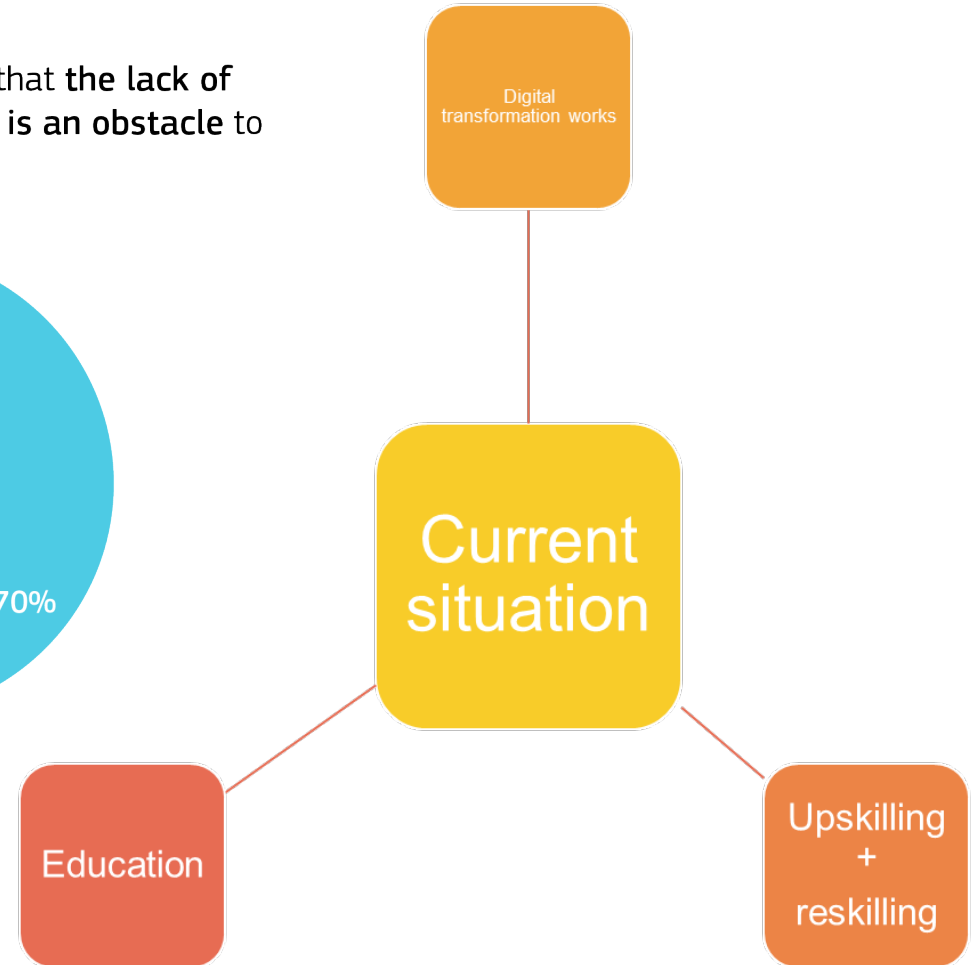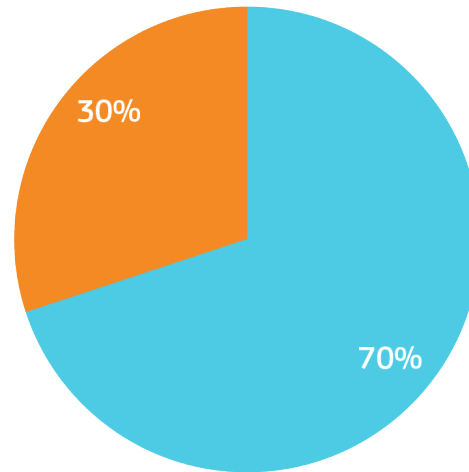
5 out of 10 adults lack basic digital skills

Every third person lack basic digital skills

Over **70% of business** have said that **the lack of staff with adequate digital skills is an obstacle** to investment.

30%

70%

Digital transformation works

Current situation

Education

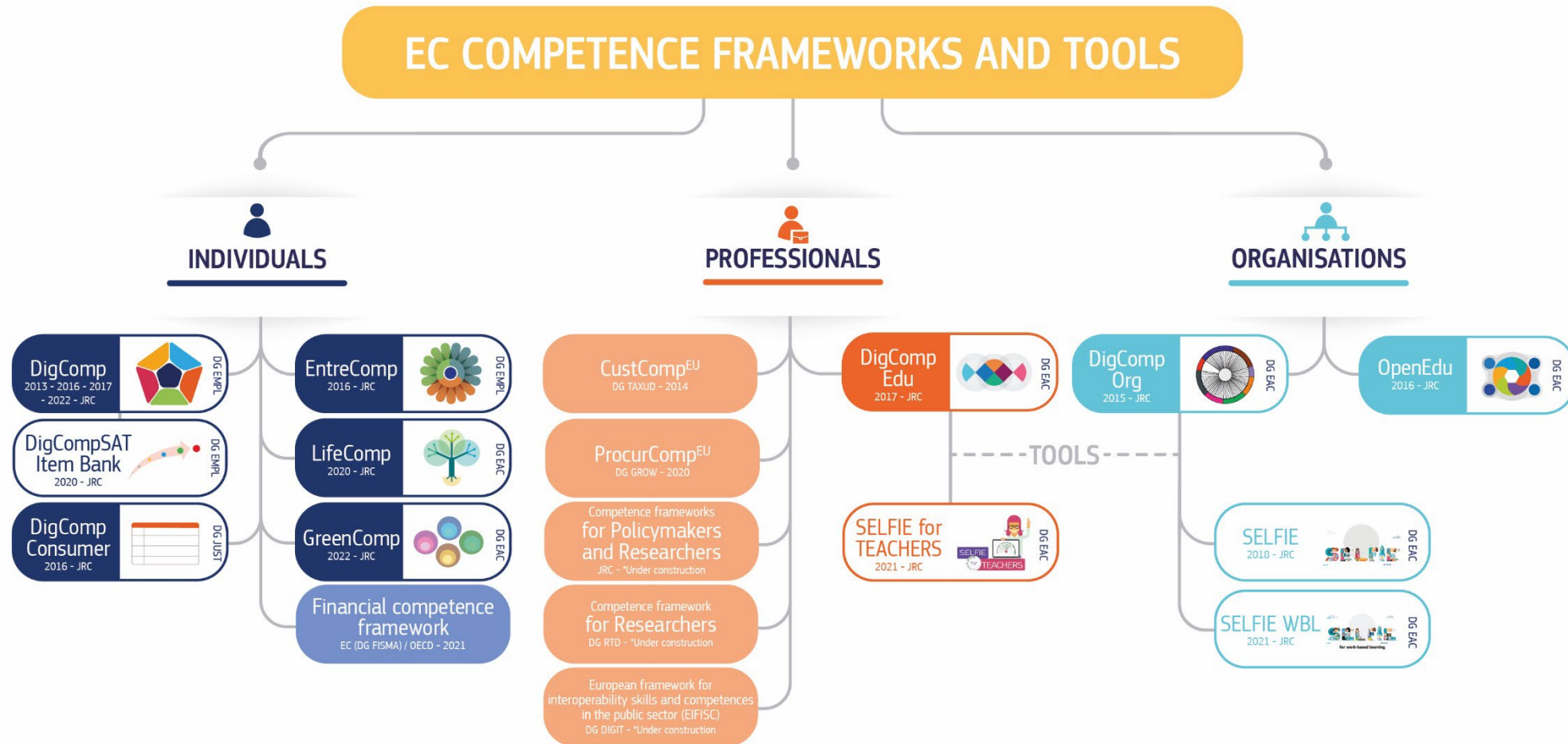Upskilling + reskilling

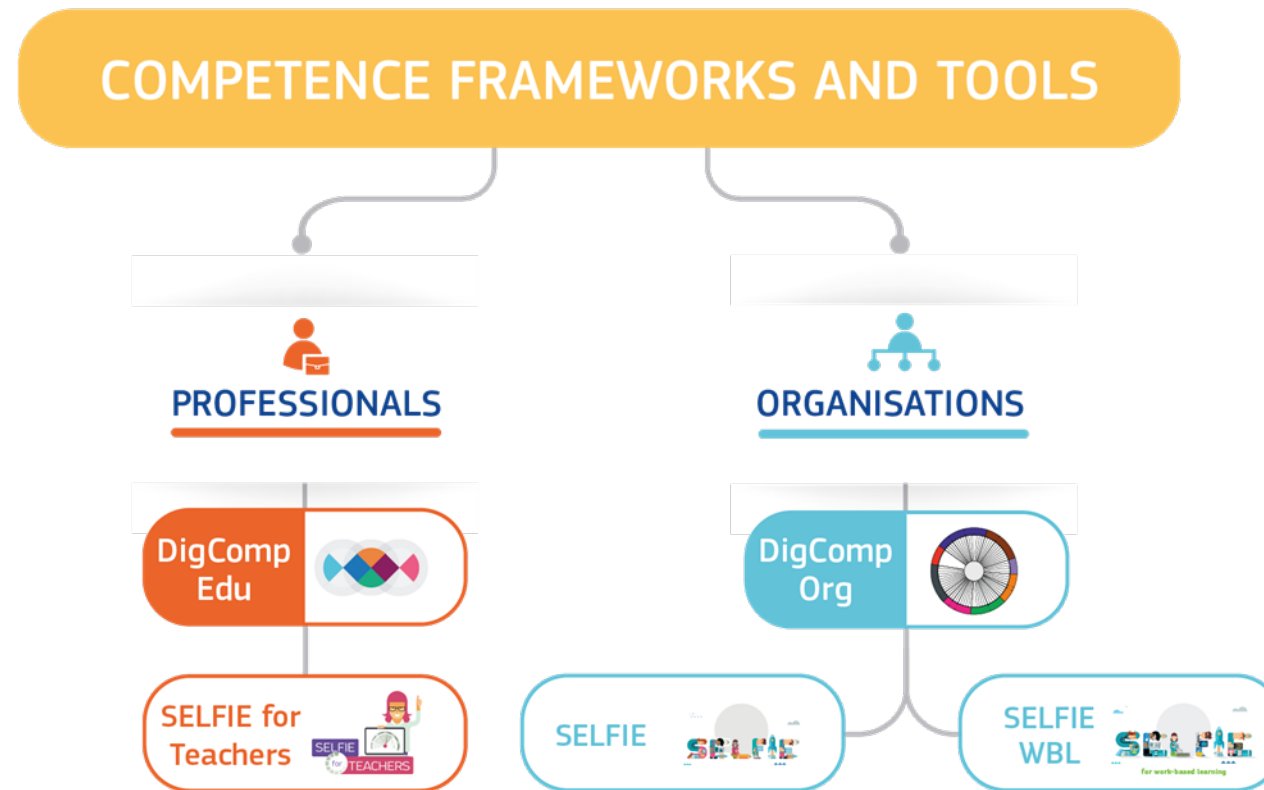European Commission

Digital transformation of VET sector

Challenges and support to EU policies

- Need for digitization of the VET sector (2020 CR on VET + 2020 Osnabruck Declaration)

- Skills to support the twin transition, better equipped future workforce (2020 European Skills Agenda)

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Education plays a key role

EC COMPETENCE FRAMEWORKS AND TOOLS

INDIVIDUALS

DigComp
2013 - 2016 - 2017
- 2022 - JRC
DG EMPL

DigCompSAT
Item Bank
2020 - JRC
DG EMPL

DigComp
Consumer
2016 - JRC
DG JUST

EntreComp
2016 - JRC
DG EMPL

LifeComp
2020 - JRC
DG EAC

GreenComp
2022 - JRC
DG EAC

Financial competence
framework
EC (DG FISMA) / OECD - 2021

PROFESSIONALS

CustComp^{EU}
DG TAXUD - 2014

ProcurComp^{EU}
DG GROW - 2020

Competence frameworks
for Policymakers
and Researchers
JRC - *Under construction

Competence framework
for Researchers
DG RTD - *Under construction

European framework for
interoperability skills and competences
in the public sector (EIFISC)
DG DIGIT - *Under construction

DigComp
Edu
2017 - JRC
DG EAC

SELFIE for
TEACHERS
2021 - JRC
DG EAC

- - - - TOOLS - - - -

ORGANISATIONS

DigComp
Org
2015 - JRC
DG EAC

OpenEdu
2016 - JRC
DG EAC

SELFIE
2010 - JRC
DG EAC

SELFIE WBL
2021 - JRC
DG EAC

7

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Educational frameworks and tools

COMPETENCE FRAMEWORKS AND TOOLS

PROFESSIONALS

ORGANISATIONS

DigComp Edu

DigComp Org

SELFIE for Teachers

SELFIE

SELFIE WBL

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SELFIE for work-based learning – SELFIE WBL

[SELFIE for work-based learning | European Education Area (europa.eu)](https://education.ec.europa.eu/selfie/selfie-for-work-based-learning)

https://education.ec.europa.eu/selfie/selfie-for-work-based-learning

[Video](#) on SELFIE WBL

What is SELFIE WBL? (I)

- **Self-reflection tool** about **the use of digital technologies** in the training system

- It supports VET institutions and companies to make the most of digital technologies for teaching, learning and training. Launched in October 2021

- Adapted to the **specific requirements of WBL** to support VET schools.

VET Education → ← Work-based learning

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Self-reflection

- School needs support. School-based approach

- Organised and strategic integration of digital technologies

- Allows individuals to increase awareness and knowledge

- Collective self-reflection:

  - Diagnosis. Identify current situation

  - Source of relevant information. All voices heard

  - Understand weakness and strengths

  - Discussion about moving ahead. Evidence-based decisions

  - Have a common reference/language

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What is SELFIE WBL? (II)

- Companies (via **in-Company trainers**) are taken on-board.

- **Connecting** the world of schools with the world of work to better support digital education in VET.

- SELFIE WBL helps VET institutions and companies become **fit for the digital age**.

- It supports the **digital transition** (key priority for the European Commission).

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WHY SELFIE WBL?

- VET **high in the EU Agenda** (Council Recommendation) – there is interest to invest to VET education

- VET: **bridge** between educational world and labour market.

- SELFIE for WBL: **Coordination between schools and companies** on the use of technologies -> Digital education better fit for workplace

- **Feasibility study**: positive results

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Added value

- Solid and reliable tool (scientifically based)

- Collective self-reflection

- Involvement of companies

- Discussion opportunity

- Different voices and perspectives Heard

- Informed decissions

- Identification of current situation, challenges, opportunities…

- Move forward in the use of digital technolgies for training

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The "SELFIE WBL" approach

For VET institutions and companies:

- Collective self-reflection

- Informed decisions

For policy-makers:

- Picture of the situation

- Design policies

for work-based learning

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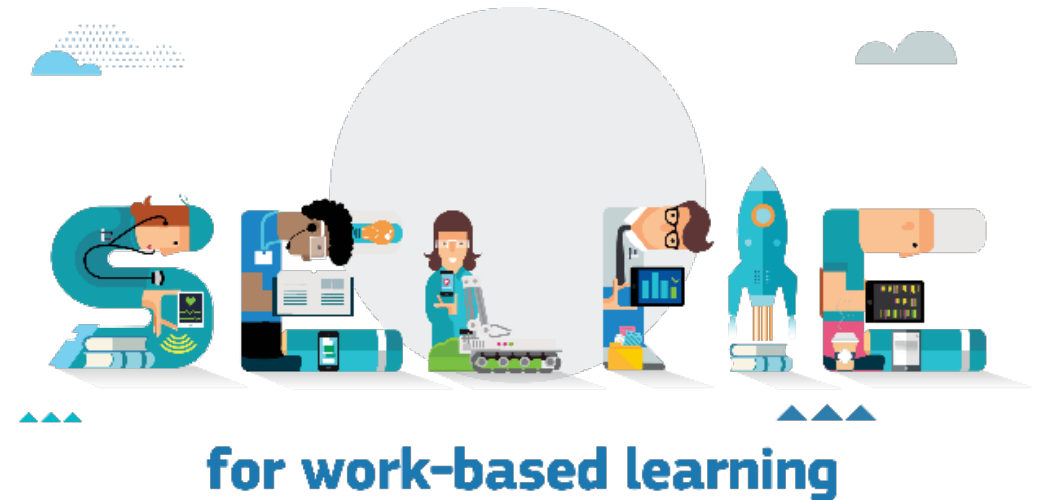
Any VET institution can use SELFIE WBL

YOUR OWN
QUESTIONS

OPTIONAL
QUESTIONS

COMMON
QUESTIONS
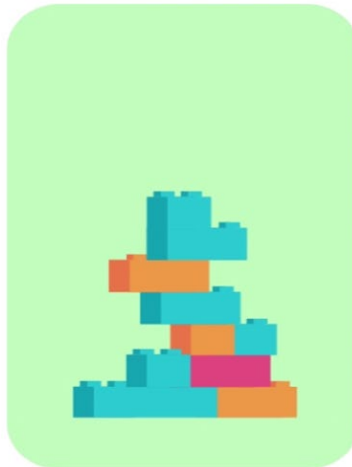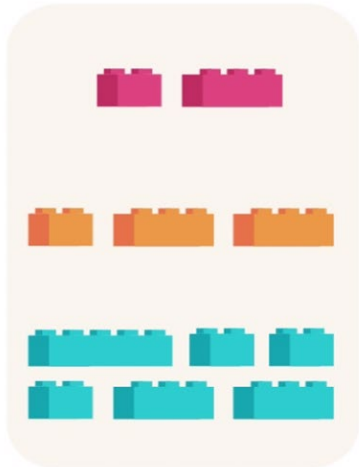
- It doesn't matter how big or small it is.

- It doesn't matter either how advanced or not it is in the use of technologies for teaching and learning.

- Flexible, as every VET institution is different

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Main features

Free of charge	Anonymous + private	Customisable
NO comparison	NO assessment	Current situation
360º view	20-40 minutes	SELFIE WBL report

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Languages in SELFIE WBL

Website

Tool

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Questions are divided into 8 different areas – School digital capacity

A. Leadership

B. Collaboration and Networking

C. Infrastructure

D. Continuing Professional Development

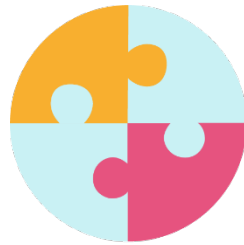E. Pedagogy: Support and Resources

F. Pedagogy: Implementation in the classroom

F. Assessment Practices
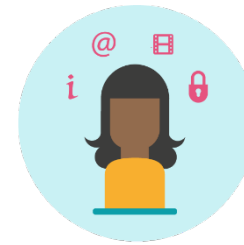
G. Student Digital Competence

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STAGES OF **COLLECTIVE REFLECTION WITH SELFIE** FOR DIGITAL DEVELOPMENT OF THE **VET INSTITUTION**

for work-based learning

01
SET UP THE SELF-REFLECTION EXERCISE
School leader /
School coordinator

02
RESPOND TO THE SELFIE QUESTIONS
School community

03
INTERPRET AND DISCUSS THE SCHOOL REPORT
Experts / Collaborators / Members of the school community

04
CREATE A DIGITAL ACTION PLAN
Experts / Collaborators / Members of the school community

05
IMPLEMENT AND MONITOR THE DIGITAL ACTION PLAN
Members of the school community

06
NEW ROUND OF SELF- REFLECTION
School community

360º

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SELFIE WBL report

Main objective

Current situation + needs → Self-reflection → School Digital Capacity → Learners better prepared
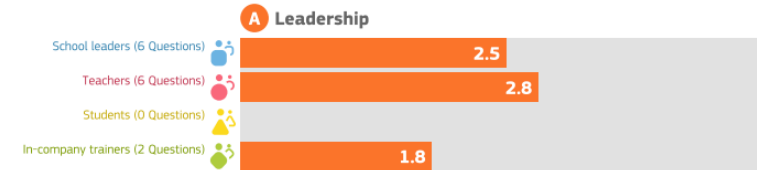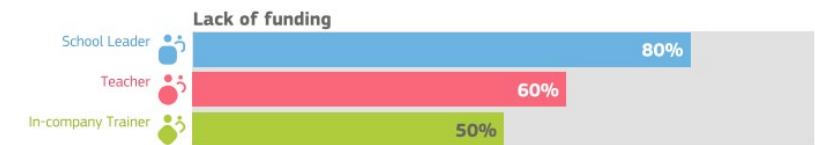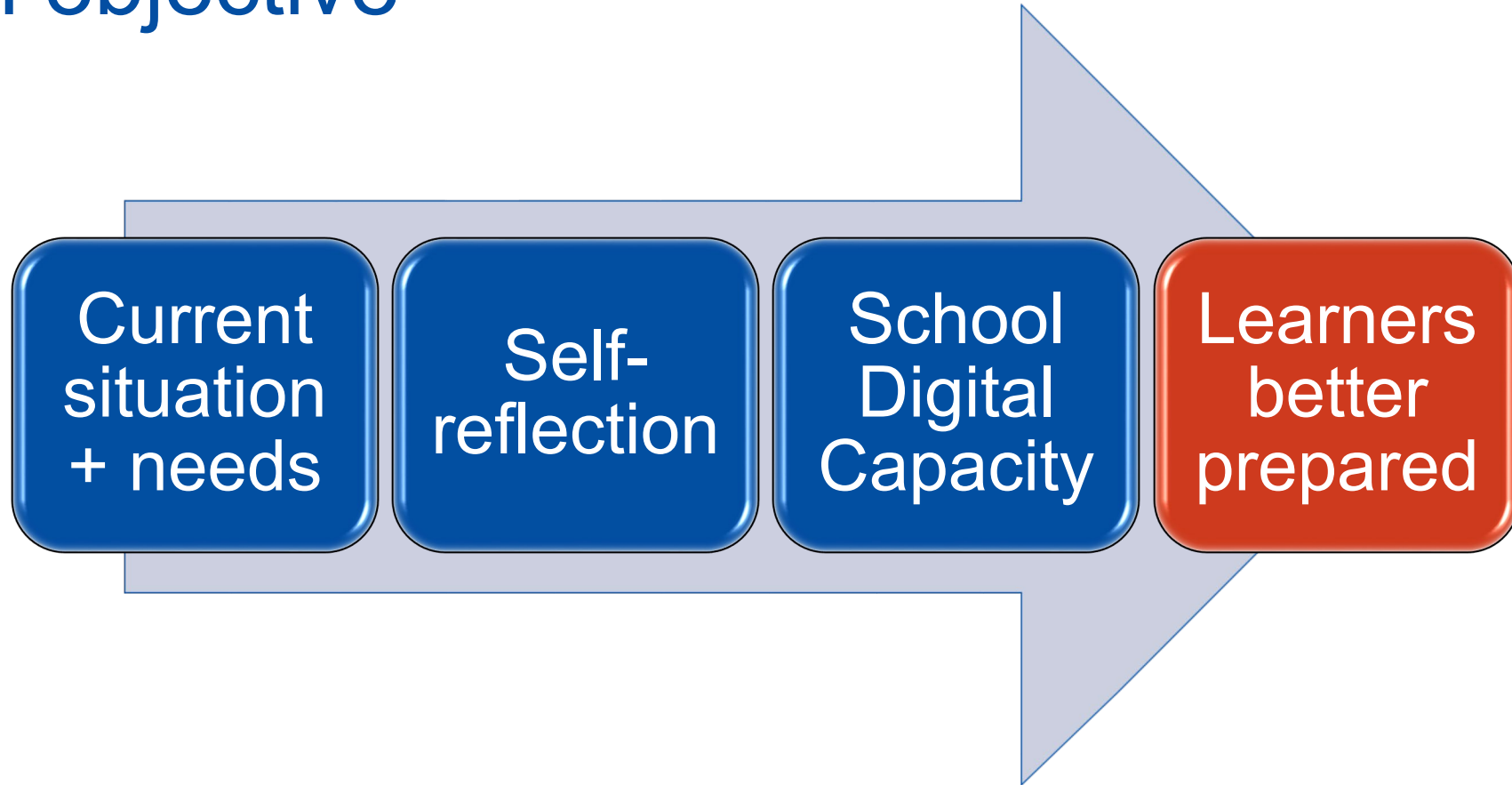
- Improving the use of digital technologies in work-based learning improves employability and the practical use of digital skills.

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Quick overview

SELFIE from inside

Access / Register / Log in

Set up the exercise

European Commission > EU Science Hub > SELFIE > Dashboard

SELFIE - Discover your school's digital potential

| About SELFIE | Set-up | Results | Certification | Resources | Upcoming sessions | Data protection | School profile |

Your self-reflections

> **SELFIE 2021-2022, session 2**   📅 Thu, 6 Jan 2022 – Fri, 15 Apr 2022

Steps

1 | Select education level — **+ declare participation numbers**

2 | Customise the questionnaires — **select optional questions + define own questions**

3 | Select dates — **Decide the exercise period (1week – 3 weeks)**

4 | Activate / See links — **+ share links**

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Resources

1 Select education level

Set-up

Every time you run SELFIE you have to choose: the education levels (eg lower secondary, upper secondary) that will take part, the numbers of teachers, school leaders and students that will take part, the default language and the dates SELFIE will start and end (minimum 1 week, maximum 3 weeks). Once you generate the links no further changes can be made to the set-up.

Select the education level for which you want to set up SELFIE.

SELFIE 2021-2022, session 2   📅 6 Jan 2022 – 15 Apr 2022

Education level

Upper secondary vocational level ▾

Enter the number of school leaders, teachers and students of this education level that will participate in this self-reflection exercise.

The overall number of school leaders taking part in this survey*   `5`

In SELFIE, the term school leaders includes formal leadership roles (for example school heads/principals and deputies). It can also include other leadership or management roles, e.g., ICT coordinators; librarians; subject heads; career guidance leaders or other roles that teachers may have in addition to their main teaching role.

Overall number of teachers*   `30`

The term teachers is used here in its broadest sense, including all qualified teachers and other personnel directly involved in teaching students (whole class and/or small groups or individuals). Please do not include teachers who are primarily in a management role - they fall into the school

☑

                    *   `25`

                    year (or equivalent if part-time) should be invited to take part. Teachers with

Will companies take part in this survey?

Click the box on the right if you would like to involve companies (i.e. in-company trainers)

                    `40`

Below you can select which of the companies that are currently enabled for your school will participate in this self-reflection. You can click on the "Register companies" button below to add companies to your school and automatically add them to the self-reflection.

                    `35`

in this survey. For primary schools, this means students aged 9 years and (for instance lower secondary schools) all grades/year groups can ide.

List of companies*

Select one option ▾ | Add | Register company >

☐

-company trainers)

Cancel   **Save set-up**

Cancel   Save set-up

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2 Customise the questionnaires

Collaboration and Networking

☑ Synergies for Blended Learning

School Leader	Teacher	Student	In-company Trainer
In our school, we **collaborate with other schools** or organisations to support the use of digital technologies	In our school, we **collaborate with other schools** or organisations to support the use of digital technologies	*Question not applicable for this profile*	In our company, we **collaborate with other schools** or organisations to support the use of digital technologies
✔ Show choices ⌄	✔ Show choices ⌄		✔ Show choices ⌄
ⓘ Show help text ⌄	ⓘ Show help text ⌄		ⓘ Show help text ⌄

Add custom statement

Create here a custom question for the survey of the selected education level. Please provide the statement and help text and indicate which group should answer (school leaders, teachers, students or a mix, but at least one is mandatory). Make sure the question/statement works with the following rating scale:

1	2	3	4	5	N/A
Strongly disagree - In my experience, this is not true at all	Disagree	Slightly agree	Agree	Strongly agree - In my experience, this is very true	Not applicable N/A

Education level	Your start and end dates
Upper secondary vocational level	—

School Leader	Teacher	Student	In-company Trainer
Statement	Statement	Statement	Statement
The text of the question	The text of the question	The text of the question	The text of the question

Customise the questionnaires

In SELFIE some questions are fixed and others optional. You can also choose to create up to ten questions for your school. Note: Once links are generated no further changes can be made to the set-up (participation numbers, customisation, dates)

Education level	Your start and end dates
Upper secondary vocational level ⌄	—

Printable version

Below you can download all SELFIE core and optional questions in a PDF file. Questionnaires for lower and upper secondary schools are identical, as are questions for upper-secondary vocational and adult schools. You can select the language in which you want to download the PDF.

📄 SELFIE 2021-2022, session 2 Questionnaire English (PDF)	Download ⬇

Available languages (34) ⌄

Below you can download a file with a list of questions related to blended learning.

📄 SELFIE Blended Learning English (PDF)	Download ⬇

Available languages (32) ⌄

Core statements

The statements shown in this section are common to all schools and cannot be changed.

View core statements

Optional statements

In this section you can select from a list of optional statements to include in SELFIE for your school.

Manage optional statements

Your own statements

In this section you can create up to ten questions for your school. These can be edited until SELFIE is launched in your school.

Manage your own statements

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Questionnaire

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |

Infrastructure and Equipment

This area is about having adequate, reliable and secure infrastructure (such as equipment, software, information resources, internet connection, technical support or physical space). This can enable and facilitate innovative teaching, learning and assessment practices.

Please, think carefully about the following statements and for each choose from 1 (lowest score) to 5 (highest score). If you hover over a number (1-5) you will see what this number means for that particular statement. If the statement does not apply to you click the 'N/A' icon ('Not applicable').

* In our school, the digital **infrastructure** supports teaching and learning with digital technologies

Choose 5 only if, in your opinion, your school has an extensive, reliable and secure digital infrastructure (for instance classroom equipment, software, internet connection, access to adequate learning resources and programmes) that facilitates innovative teaching and learning.

1   **2**   **3**   **4**   **5**   **N/A**

* In our school, there are **digital devices for me to use for teaching**

Choose 5 only if, in your opinion, the digital devices available to you (such as whiteboards, video projectors, laptops, tablets, or printers and scanners) are functional, are up-to-date and meet your teaching needs.

1   **2**   **3**   **4**   **5**   **N/A**

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3 **Select dates**

SELFIE 2021-2022, session 2

📅 6 Jan 2022 – 15 Apr 2022

Education level

Upper secondary vocational level ⌄

... minimum 1 week, maximum 3 weeks.

... matically, once the self-reflection period you select ends.

... Central European Time (CET) of the last day of the time frame selected. After that, no more answers can be

📅 25 Feb 2022 – 8 Mar 2022

Cancel **Update the dates**

4 **Activate / See links**

SELFIE 2021-2022, session 2

📅 6 Jan 2022 – 15 Apr 2022

Education level

Upper secondary vocational level ⌄

Check all the questionnaires and the dates for the self-reflection exercise before you generate the links. Once links are generated no further changes can be made to the set-up (participation numbers, customisation, dates).

The results will be generated automatically, once the self-reflection period you select ends.

Preview (School Leader)   **Preview (Teacher)**   **Preview (Student)**   **Preview (In-company Trainer)**

Your start and end dates

📅 25 Feb 2022 – 8 Mar 2022

Cancel   **Generate links**

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Quick tour through the questions

- Students

- Teachers

SELFIE in social media

Welcome to SELFIE newsletter
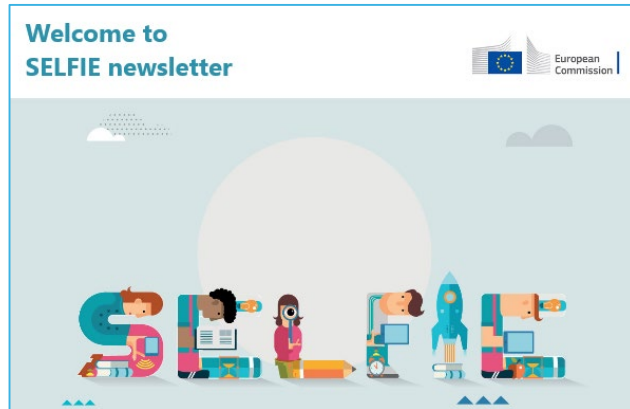
Subscríbe to
SELFIE newsletter

SELFIE_EU Network

iii Listed group
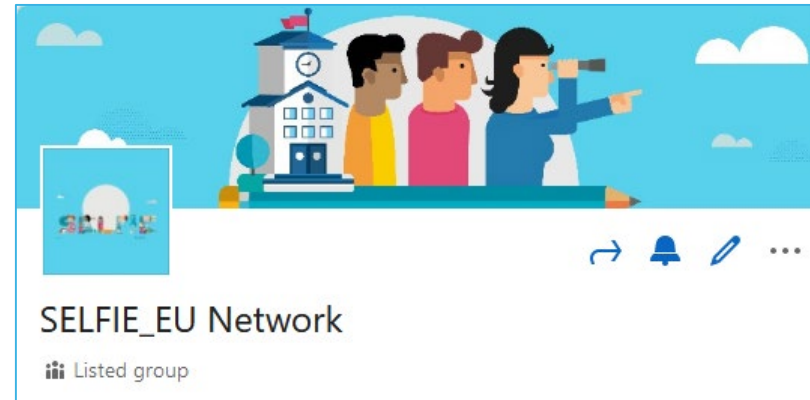
Join our LinkedIn group:
SELFIE_EU NETWORK

Website: https://education.ec.europa.eu/self-reflection-tools

Email: **JRC-EAC-SELFIE-TOOL@ec.europa.eu**

Twitter: **#SELFIE_EU**

Thank you.

cesar.herrero@ec.europa.eu
@sirCesarHerrero

European Commission