SELFIE:
strengthening the digital
capacity of educational organizations

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The Digital Education Action Plan proposes three priorities:

**Priority 1: Making Better Use of Digital Technology for Teaching and Learning**
- Launch a new online tool, SELFIE, to help schools and vocational education and training institutions use new technologies more effectively.
- Enhance the uptake of high-speed broadband through the EU network of Broadband Competence Offices. This will ensure information reaches schools, particularly in disadvantaged regions.
- Support the digital readiness of both general and vocational schools with the aim of teaching integration of teachers, trainers, and learners by the end of 2020 in all EU Member States and the Western Balkans.
- Provide a framework for digitally-certified qualifications that is fully aligned with the European Qualifications Framework.

**Priority 2: Developing Relevant Digital Skills and Competences for Digital Transformation**
- Create a Europe-wide platform for digital higher education supported by Erasmus+.
- Develop a pilot project dedicated to training on open science and citizen science.
- Increase the number of schools taking part in EU Ceda Week, a grassroots initiative by volunteers who promote coding in their countries at Code Week Assembly.
- Launch an EU-wide awareness-raising campaign targeting educators, parents and learners to foster a culture of safety and cyber hygiene and media literacy.
- Promote digital and entrepreneurial competences of women and girls.

**Priority 3: Improving Education Systems Through Better Data Analysis and Foresight**
- To better cooperate in data collection, data analysis and exchange of best practices, the Commission will:
  - Publish a reference study assessing progress made in mainstreaming ICT use in education.
  - Launch artificial intelligence and learning analytics pilots in education to make better use of the huge amount of data which is already available.
  - Initiate strategic foresight on key trends in digital transformation for education systems.

Launch a new online tool, SELFIE, to help schools and vocational education and training institutions use new technologies more effectively.
THE BACKGROUND

SELFIE has been developed

• by the European Commission - DG EAC & Joint Research Centre (JRC B.4)

• in collaboration with a team of international experts

to foster effective use of digital technologies for learning in educational organisations
**DIGITAL EDUCATION**

**Action 2 - SELFIE**

**Tool & mentoring for schools**

Supporting the digital development of schools

#EUDigitalEducation

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**WHY**

Only **20-25%** of students are taught by teachers who are confident with technology use.

Integrating digital technologies in a purposeful way is a challenge for school education. Actions that focus solely on providing infrastructure or devices yield mixed results. To improve how students learn, technology should be used in a holistic way, with a clear pedagogical focus and a whole school approach.

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**HOW**

- By extending SELFIE to all countries in the EU and the Western Balkans.
- By engaging schools, leaders, and teachers in developing a whole school approach to implementing digital technologies for teaching and learning.

SELFIE is based on the Framework for Digitally Competent Educational Organisations (DigCompOrg) developed by the European Commission. More than 67,000 school leaders, teachers, and students from 650 general and vocational schools in 14 European countries tested SELFIE’s beta version in October 2017. The mentoring scheme is inspired by the Living School Labs, a project promoting whole school approaches in using digital technologies that ran from 2012 to 2014 and involved 12 ministries of education. Many examples of such peer-learning activities are taking place, for example, under Ireland’s Digital Strategy for Schools 2015-2020.

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**WHEN**

- End of 2018: SELFIE available in all official EU languages.
- End of 2020: SELFIE used by over 5 million students, teachers, and school leaders across Europe and in the Western Balkans.
- 2020: mentoring scheme launched as part of the Societal Challenge Programme.
Why SELFIE?
The self-reflection should be about **learning** for the digital age, **NOT about technology**
What is SELFIE?
A TOOL AND A PROCESS SUPPORTING ....

Self-reflection on Effective Learning by Fostering Innovation through Educational Technologies

# SELFIE_EU
AN EASY-TO-USE ONLINE TOOL FOR GENERATING AN INDIVIDUAL SNAPSHOT OF A SCHOOL’S STRENGTHS AND WEAKNESSES IN USING DIGITAL TECHNOLOGIES FOR LEARNING
**DIGCOMPORG CONCEPTUAL MODEL OF DIGITAL COMPETENCIES IN ALL EDUCATIONAL ORGANISATIONS**

**VALIDATED BY EXPERTS, POLICY-MAKERS & STAKEHOLDERS**

**CONSULTATIONS WITH OVER 5000 SCHOOL LEADERS, TEACHERS & STUDENTS IN FIVE MEMBER STATES**

**SET OF DIGITAL COMPETENCY STATEMENT ITEMS FOR SCHOOLS**
THE CORE OF THE SELFIE TOOL

A WIDE-RANGING SET OF STATEMENTS ON THE OPPORTUNITIES DIGITAL TECHNOLOGIES OFFER TO ENHANCE TEACHING & LEARNING IN SCHOOLS

**SL / T:** In our school, students have access to a database of in-company training providers

SELFIE RESPONDENTS RATE HOW APPLICABLE EACH STATEMENT IS TO THEM, FROM STRONGLY AGREE TO STRONGLY DISAGREE

# SELFIE_EU
ENTIRE SCHOOL LEARNING COMMUNITY INVOLVED

**SL / T:** In our school, students have access to a database of in-company training providers.

**S:** In our school, I have access to a database of companies providing traineeships, apprenticeships and other opportunities.

*Each user has a different perspective*
CUSTOMISED TO INDIVIDUAL SCHOOL CONTEXT

T: I create digital resources to support my teaching

T: In our school, there are online libraries or repositories with teaching and learning materials
GETTING STARTED

Register on SELFIE & activate school learning community

Customise SELFIE by selecting / adding items (co-ordinator)

School leader, teachers & students provide input

Dialogue, reflection and action plan

A SELFIE School Report is generated
THE SELFIE APPROACH

Voluntary participation

A practice of self-evaluation over time

PRIVACY
Data is collected anonymously
SELFIE SCHOOL REPORT

- Dialogue within school community
- Basis for developing an action plan for improvement
- Can be used for monitoring the evolution from year to year

THE REPORT CAN ONLY BE SEEN BY THE SCHOOL THAT GENERATED IT!!
RECOGNITION MECHANISMS

Certificate of participation for each participant

# SELFIE_EU
The road here
SELFIE PILOT IN EUROPE (2017)

650 schools
37% 237 Primary
29% 189 Lower Secondary
23% 151 Upper Secondary General
11% 73 iVET

14 countries

> 67,000 users

5% SCHOOL LEADERS
17% TEACHERS
78% STUDENTS

2,979 11,773 52,962
SELFIE PILOT IN ITALY (2017)

- **Veneto**
  - Users: 371
  - Schools: 2

- **Emilia Romagna**
  - Users: 1,771
  - Schools: 5

- **Umbria**
  - Users: 5,659
  - Schools: 25

- **Liguria**
  - Users: 92
  - Schools: 1

- **Toscana**
  - Users: 838
  - Schools: 8

- **Puglia**
  - Users: 1,099
  - Schools: 6

- **Calabria**
  - Users: 13,850
  - Schools: 95

- **Lombardia**
  - Users: 4,099
  - Schools: 28

- **Trentino**
  - Users: 1,273
  - Schools: 9

**Mapping Key**
- 29% primary schools
- 33% lower secondary schools
- 7% iVET

**Statistics**

- **Total Schools:** > 200
- **Total Users:** 31,912
- **Regional Users and Schools:**
  - Veneto: 371 users, 2 schools
  - Emilia Romagna: 1,771 users, 5 schools
  - Umbria: 5,659 users, 25 schools
  - Liguria: 92 users, 1 school
  - Toscana: 838 users, 8 schools
  - Puglia: 1,099 users, 6 schools
  - Calabria: 13,850 users, 95 schools

**Breakdown by Role**
- **School Leaders:** 1,507
- **Teachers:** 5,690
- **Students:** 24,715

**Maps and Icons**

- 5% School Leaders
- 18% Teachers
- 77% Students
Adapting SELFIE to the Italian context
ADAPTING SELFIE TO ITALY #1

1) Translating & adapting SELFIE & related resources

**STEP 1**
**LINGUISTIC TRANSLATION**

**STEP 2**
**CONTENT-FOCUSED TRANSLATION**

**STEP 3**
**CONTEXTUAL ADAPTATION AND USABILITY**

DigCompOrg framework & guide

“SELFIE Italia” online community

“SELFIE Italia” mini website
ADAPTING SELFIE TO ITALY #2

2) Running regional workshops

3) Mapping SELFIE & the National Evaluation System

RAV = a mandatory Self-Assessment Report each school in Italy produces following a self-rating process
SELFIE IN ITALY: A SYSTEMIC APPROACH

(STRONG RELATIONS & INTERACTIONS AT ALL SYSTEM LEVELS!)

National coordinator

Under the auspices of

Region and local coordinators

Educational Research Centres

Education Authorities

> 250 school leaders and SELFIE school coordinators

Coordinators at school level

Regional and local coordinators

Education Authorities

School Networks
Teachers said that the **SELFIE report** provided them with ... 

- useful points for reflection on their **own teaching practice** and on the **school’s overall strategy**
- Insights into **how the school uses digital technologies with students** to support innovative teaching and learning practices
- Insights into how the school uses digital technologies **to monitor learning processes**
- A basis for **comparing the perspectives of school leaders, teachers, and students**
- information on students’ use of technologies outside the school
SELFIE in action
Similarly, both **USR Umbria** and **USR Calabria** are organizing local activities and **initiatives to promote and facilitate** the use of SELFIE tool in all schools located in their regions.

The **Autonomous Province of Trento** included SELFIE in the **local Digital Education Action Plan for Schools** (IT: Piano provinciale per la scuola digitale, Reg. delib. n. 1941, approved on 24 November 2017) among key actions (Action #28) that schools in the autonomous province of Trento should implement in the next years.
NEED MORE INFORMATION?

JRC-EAC-selfie-tool@ec.europa.eu


http://selfieitalia.it

#SELFIE_EU
Quali potenzialità offre SELFIE alle scuole?

SELFIE è uno strumento di autovalutazione online rivolto a scuole di ogni ordine e grado scolastico (scuole primarie, scuole secondarie di primo e di secondo grado) che vogliono rafforzare l'uso efficace ed innovativo delle tecnologie digitali nella propria scuola. SELFIE è rivolto a tutte le comunità scolastiche, ovvero dirigenti scolastici, docenti e studenti e permette di fotografare annualmente le pratiche di uso (NOV, le tecnologie) e le strategie digitali della scuola per coltivare lo sviluppo e la realizzazione futura.

La Commissione Europea ha sviluppato lo strumento SELFIE in collaborazione con alcuni esperti del settore educativo. SELFIE è online, gratuito, personalizzabile e può essere usato da tutte le scuole d'Europa. Questo sito web contiene informazioni sulle iniziative SELFIE in Italia, materiali di supporto per le scuole, informazioni sugli eventi dedicati a SELFIE in Italia e tanti altri ancora.

Le aree esplorate da SELFIE

SELFIE si basa sul quadro delle competenze dell'Infanzia delle istituzioni educative denominato DigCompOrg, emesso a punto della Commissione Europea e composto da 7 aree tecniche: Dirigenza e gestione dell'organizzazione, Processi di insegnamento e apprendimento, Servizio professionale, Pratiche di sviluppo, contenuti e curricula, Collaborazione ed interazioni...
THANKS/END SLIDE