

How to link European frameworks and Erasmus+ priorities with local strategies?







European SALTO Digital Resource Centre

OBJECTIVES

ACTIVITIES

Support the development, implementation, and quality of the horizontal Digital Priority

Support National Agencies in translating the horizontal Digital Priority into measures and activities

Create knowledge and share resources on the Digital Priority

Act as
a Knowledge HUB between
Policy and Practice on
Digital Priority

Support NAs' capacity on the Digital Priority through trainings and materials

Share the results of projects, good practices, and learning materials

Support NAs in implementing the Digital Strategy



Horizontal Digital Priority in Eramus+

- To support the digital transformation in a human-centric manner
- To address societal challenges such as AI or disinformation more effectively
- Europe needs education and training systems that are fit for the digital age

In line with the strategic priorities of the Digital Education Action Plan (2021-2027).







Horizontal Digital Priority in Eramus+

The Erasmus+ programme will support

- A. development of a **high-performing digital education ecosystem** by
 - building capacity and critical understanding on how to exploit the opportunities offered by digital technologies for teaching and learning
 - To develop and implement digital transformation plans for educational institutions
- B. enhancing **digital skills and competence** development for all by fostering both basic and advanced digital skills as well as digital literacy

"The Programme should reach out to a larger target group both within and beyond the Union by a greater use of information, communication and technology tools, combined use of physical mobility and virtual learning and virtual cooperation."









Horizontal Priorities synergize each other

Inclusion + Digital

→ Digital Inclusion

Green + Digital

→ Twin Transition

Participation + Digital → Digital Participation

contributing to more inclusive and cohesive, greener, and digitally fit societies







Strategy for implementing the Digital Priority in the Erasmus+ and European Solidarity Corps programmes (draft by EAC)

- To provide guidance on how to implement the horizontal digital priority at all levels of the Erasmus+ and European Solidarity Corps programmes
- To addresses the programmes' activities, the projects funded and how the programmes prepare and engage participants and institutions to actively contribute to the digital transition







Meaningful and purposeful digital transformation in education?

Digital transformation entails raising the quality and inclusiveness of education and training through the use of digital and other emerging technologies and methods, while enabling participants to acquire digital skills and competences and increase their digital capacity and readiness.









ONE PAGER

How can you make use of the Digital Education Action Plan in your projects?

Digital Education
Action Plan

2021-2027



USE THE HANDBOOK AND FRAMEWORK FOR BLENDED LEARNING

If your <u>Frasmus+</u> or <u>European Solidarity Corps</u> project contains a blended learning component, or mobilities of staff or learners specifically aiming for boosting digital skills and competences, make use of the <u>materials produced in DEAP</u>. They provide a shared frame of reference and helpful content to help align your project with a wider European context.

ENSURE THE CAPACITIES OF YOUR PROJECT CONSORTIUM

Before implementing your project, use the Digital Competence Framework for educators or DigCompOrg (for organisations) and the SELFIE tools to make sure your consortium has the necessary competences to run the project you are applying for. Can also be used to accurately communicate your capacities in the application phase.



What is the Digital Education Action Plan?

The Digital Education Action Plan (2021-2027) is a renewed European Union (EU) policy initiative that sets out a common vision of high-quality, inclusive and accessible digital education in Europe, and aims to support the adaptation of the education and training systems of Member States to the digital age.

The Digital Education Action Plan consists of 14 actions in two priorities:

- Fostering the development of a high-performing digital education ecosystem and
- Enhancing digital skills and competences for the digital transformation.

Read more about DEAP at https://education.ec.europa.eu/focu s-topics/digital-education/actionplan



FOSTER DIGITAL LITERACY AND TACKLE DISINFORMATION IN ANY PROJECT

Irregardless of the theme or main topic of your project, you can implement activities related to critical digital literacy or disinformation that can support the learning process within any project. Make use of the guidelines for topics, assessment and any other applicable facets of the expert group report to help you connect these vital and cross-cutting topics to your project content.

ENSURE ALIGNMENT WITH EUROPEAN SKILL FRAMEWORKS TO INCREASE IMPACT

If your project deals with developing digital capacities of learners of any age, you can use the <u>Council recommendation on improving the provision of digital skills in education and training</u> as a frame of reference. This way your project is aligned with European developments and potential impact of your results is higher.





FOCUS ON STRENGTHENING STEM PARTICIPATION OF WOMEN

Increase the relevance of your project by aligning it with the European push seeking to increase the <u>inclusion of women in digital and STEM study fields and careers</u>, including as entrepreneurs. Make use of the provided materials and platforms as a part of your project activities.









SALTO Digital One Pagers and other materials at:

saltodigital.eu



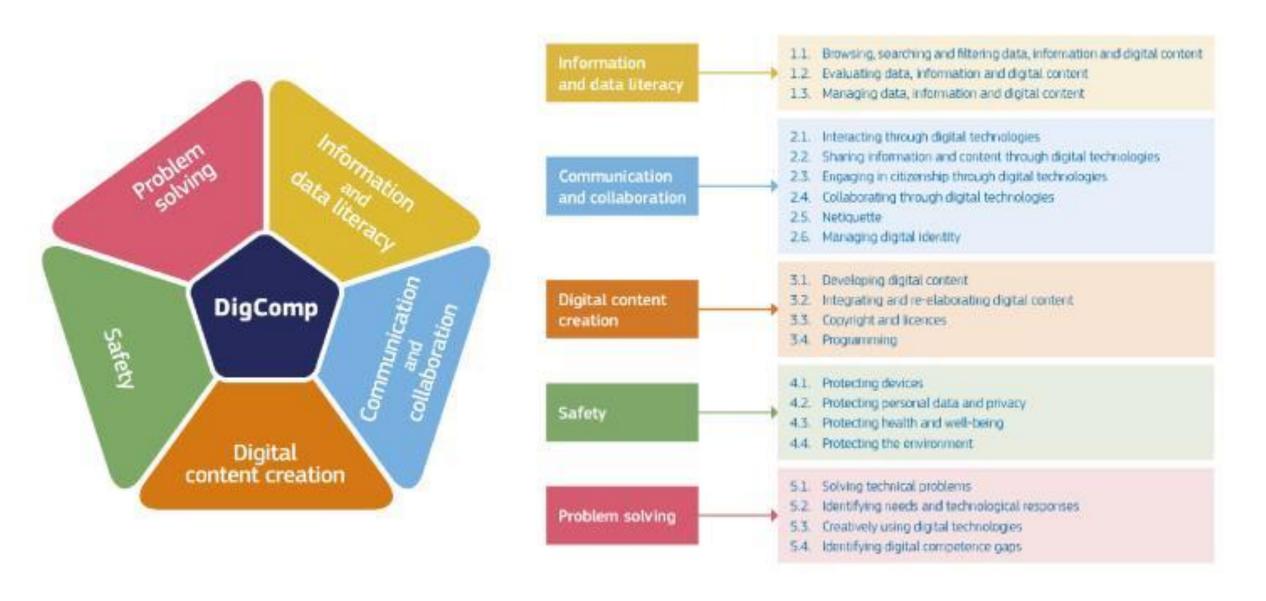
DigComp 2.2

The Digital Competence Framework for Citizens

With new examples of knowledge, skills and attitudes

Riina Vuorikari Stefano Kluzer Yves Punie

EUR 31006 EN



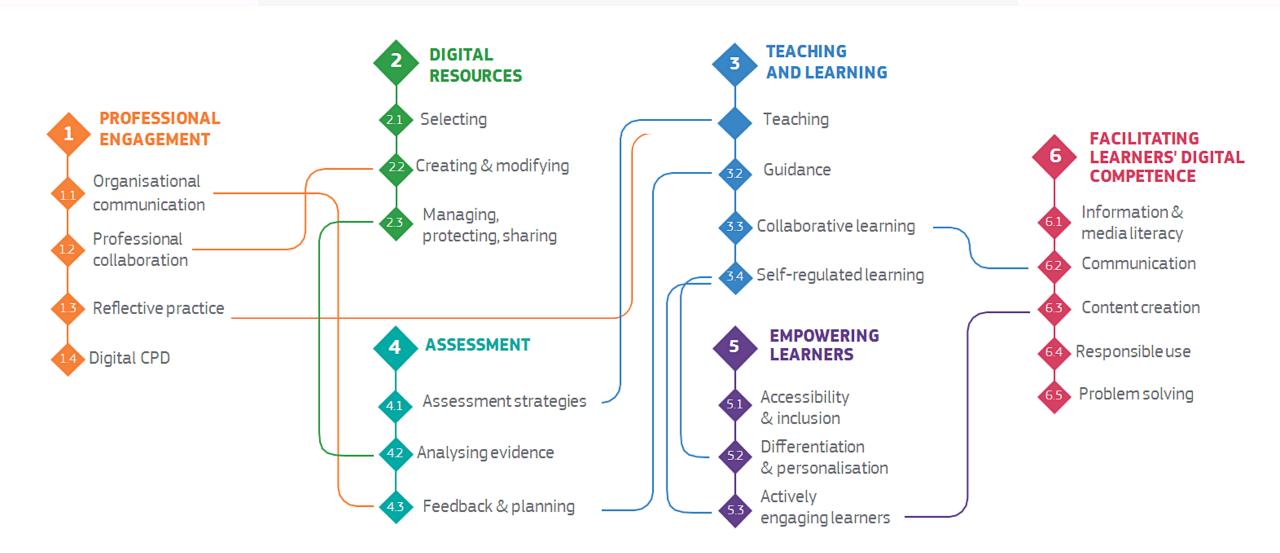
DigComp 2.2

DigCompEdu framework

Educators' professional competences

Educators' pedagogic competences

Learners' competences



ONE PAGER

How can you make use of DigComp in your projects?





INTEGRATE DIGCOMP WITH YOUR PROJECT OBJECTIVES

When planning your <u>Frasmus+</u> or <u>European Solidarity Corps</u> project, reflect on digital competence development of your project participants. Even if developing digital skills isn't a central theme in your project, consider how digital skills are relevant to the project's theme and goals.

USE DIGCOMP TO MAKE SURE YOUR DIGITAL APPROACHES ARE ACCESSIBLE AND INCLUSIVE

When you are planning a project approach that uses Digital tools or platforms, check that approach against the <u>competence areas of DigComp</u>. Are you making sure your project participants have the skills they need?



What is DigComp?

The <u>DigComp</u> <u>framework</u> (Digital Competence Framework for Citizens) and its derivatives such as <u>DigCompOrg</u> (for organisations) or <u>DigCompEdu</u> (for educators) are reference frameworks developed by the European Commission to describe digital competence levels.

They can be used in various contexts, including <u>Erasmus+</u> projects, to assess and improve digital competence among participants and consortiums.

Read more about DigComp at https://joint-researchcentre.ec.europa.eu/digcomp/digcomp -framework en



USE DIGCOMPORG TO ASSESS THE COMPETENCES OF YOUR PROJECT CONSORTIUM

Use <u>DigCompOrg</u> before implementing your project to identify the competence levels of the organisations implementing the project and identify any training needs. You can also adapt the approaches within your project to better fit existing competences.

USE DIGCOMP AS A PART OF YOUR ONGOING PROJECT ASSESSMENT

Use the <u>DigComp framework</u> as a tool for assessing participants' digital competence before, during, and after the project. You can create assessment tools, such as quizzes, practical tasks, or self-assessment forms, based on the <u>DigComp descriptors</u>. This can also be a part of the final assessment of the project results and impact. You can also leverage <u>DigCompOrg</u> to reflect on capacity development within the organisations of your project consortium.





USE LANGUAGE OF THE DIGCOMP FRAMEWORK TO INCREASE THE IMPACT OF YOUR PROJECT RESULTS

Increase the impact and repeatability of your shared project results by using the language within the framework to connect your results to a broader context. This can help other organizations and projects implement similar approaches to digital competence development in their own projects.









SALTO Digital One Pagers and other materials at:

saltodigital.eu

SELFIE Tools



SELFIE

How can your school improve how it uses technology for teaching and learning?

Use the SELFIE tool to find out





SELFIE for work-based learning

Are you working in a Vocational Education and Training (VET) institution and/or training company?

Use SELFIE for work based learning

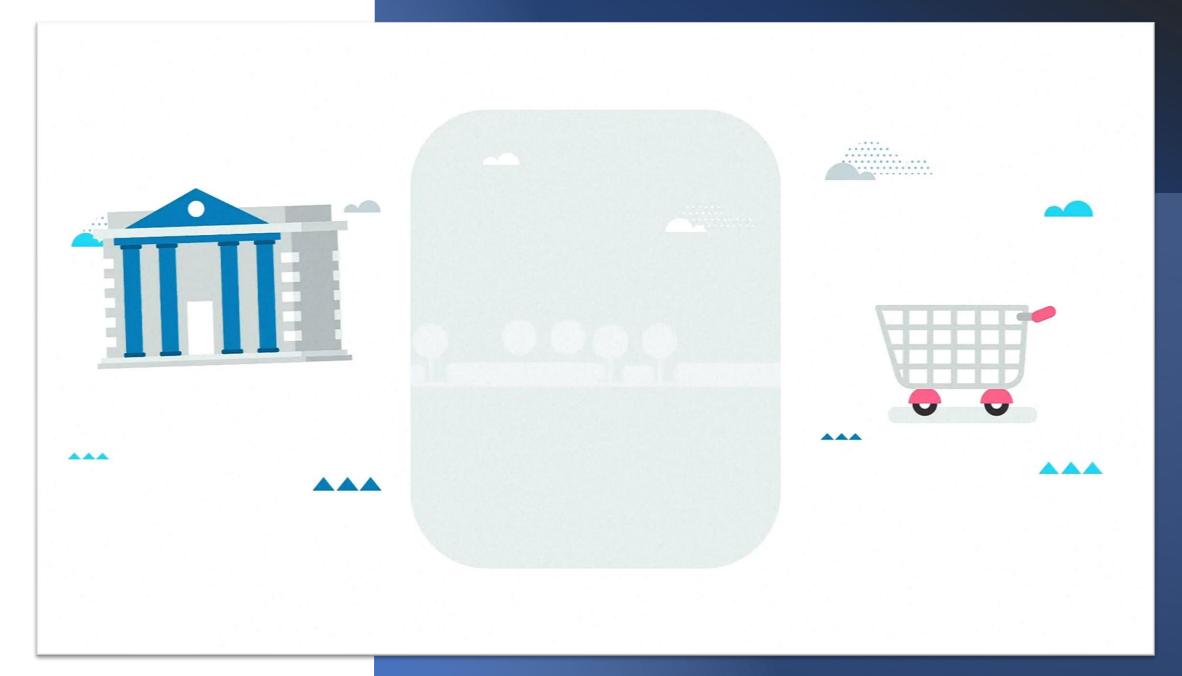




SELFIE for TEACHERS

Are you a teacher? Learn more about and further develop your digital competence.

Use SELFIE for TEACHERS



How can you make use of the SELFIE tools in your projects?





MAKE USE OF SELFIE WHEN PLANNING YOUR PROJECT

Use SELFIEs tools for school-wide planning and self-assessment when planning your Erasmus+ or European Solidarity Corps projects. You can use the tools to involve students, teachers, and school leaders in collective reflection on the use of digital technology. The reports provided by SELFIE can help you identify areas to further develop, which can be considered in your project's needs analysis.

USE SELFIE RESULTS WITH PROJECT PARTICIPANTS TO BOOST PARTICIPATION AND ENGAGEMENT

When you are starting the implementation phase of your project, you can go through the SELFIE results with project participants to help them better understand the context of your project. You can also reflect on the results together and fine-tune your approaches in a participatory process. This can also lead to higher learner engagement in your project activities.



What is SELFIE?

SELEIE (Self-reflection on Effective Learning by Fostering the use of Innovative Educational technologies) is a tool to help schools embed digital technologies into teaching, learning and assessmen. SELFIE is available for any primary, secondary and vocational schools in Europe and beyond, and in over 30 languages.

SELFIE anonymously gathers the views of students, teachers and school leaders on how technology is used in their school. This is done using short statements and questions and a simple 1-5 answer scale.

https://education.ec.europa.eu/selfie



LINK THE PROJECT TO THE SCHOOL'S DIGITAL TRANSFORMATION STRATEGY OR PLANS

Use SELFIE to identify potential areas for development on digital practices in the project and to link the project to the schools' digital transformation strategy or plans. Integrating digital technologies in teaching and learning is a complex process and requires schools to take a systemic approach to the development of education. Adopting this approach in your project can increase its relevance

USE SELFIE REPORTS TO FOCUS ACTIVITIES AND ENHANCE IMPACT ASSESSMENT

Use the SELFIE tool and its reports to support the implementation of your project activities, especially when they relate to continuous professional development on digital skills and integrating digital technologies in learning and teaching. In addition, the tool and its reports can be used to reflect on activities in the project and assess their impact.











How can you make use of SELFIEforTEACHERS in your projects?



What is

SELFIEforTEACHERS?

SELFIEforTEACHERS is a free online

tool to support teachers in primary

and secondary education to reflect on

and improve how they use digital

technologies in their practice.

Teachers answer a series of

statements on how they currently use

digital tools in six different areas. This

takes around 30 minutes to complete.

Teachers then receive a personalised

report with their results (from

'newcomer' to 'pioneer') as well as

suggestions on how to further

SELFIEforTEACHERS, developed by the

European Commission, is available in

all official EU languages. Learn more

https://education.ec.europa.eu/selfie-

You may also want to use

SELFIEforTEACHERS together with

SELFIE for schools to gain a holistic

view of the school's use of digital

technologies. See the SELFIE website

https://education.ec.europa.eu/selfie

about the tool:

for-teachers/

for details:

SUPPORT PROFESSIONAL LEARNING AND DEVELOPMENT IN YOUR PROJECT

Use the group feature of SELFIEforTEACHERS to help teachers in your project to work together to identify, discuss and take action on their digital skills. Working with the tool as a group can not only facilitate knowledge sharing but also motivate and engage more teachers in project activities. The insights from the tool can be used for planning and implementing further training to better support teachers' needs.

LINK THE PROJECT TO YOUR SCHOOL'S **DEVELOPMENT PLANS**

Use SELFIEforTEACHERS to link the project to your school's plans for digital learning and teacher professional development. The tool can help teachers review and receive feedback on how they are currently using digital tools and technologies in their work. This in turn can help a school to further understand where training and support might be needed. Aligning your project with school planning can increase its relevance



SUPPORT SELF-REFLECTION DURING

Use SELFIEforTEACHERS during your project to support teachers to reflect on their training needs and where they might need further support. You can also adjust the project activities based on the results from the tool so that teachers have opportunities to learn about and experiment with new digital tools and pedagogical approaches in

PROJECT IMPLEMENTATION

their work.

ASSESS THE IMPACT OF YOUR PROJECT ON DIGITAL COMPETENCES AND USE OF **EDUCATIONAL TECHNOLOGY**

Help teachers to assess the impact of the project on their digital skills by using SELFIEforTEACHERS at the start and at the end of the project. The results can inspire them to further build their digital skills after the project and to explore and try out new tools, technologies and pedagogical approaches.









materials









European Digital Education Hub





Mentorship and advice



Webinars



Workshops and working groups



Reading corner

EUROPEAN DIGITAL EDUCATION HUB

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How can you make use of the European Digital Education Hub in your projects?





MAKE USE OF THE KNOWLEDGE AVAILABLE IN THE DIGITAL EDUCATION HUB

Join the <u>European Digital Education Hub</u> and check out the Reading corner for any materials related to the topic of your project. Get inspired by compact digital education materials, dive into papers on cutting-edge research issues or expand the knowledge base in your project teams in the working groups in the hub.

JOIN INTERACTIVE SESSIONS WHILE PLANNING OR IMPLEMENTING YOUR PROJECT

Check upcoming topics of thematic webinars or other sessions for connections to your project plan or answers to questions your project team is grappling with. Join an online or residential capacity building activity organised by the hub and share the knowledge with colleagues.



What is the European Digital Education Hub?

The European Digital Education Hubbrings together the community working on digital education and provides a dedicated space for its information-sharing and cooperation needs. It provides a community for cooperation, a network of National Advisory Services and opportunities for proposing solutions to digital education issues through the Digital Education Hackathon.

Read more at

https://education.ec.europa.eu/focu s-topics/digital-education/actionplan/european-digital-educationhub



ENGAGE WITH EXPERTS DIRECTLY TO BROADEN YOUR KNOWLEDGE BASE AND GET SUPPORT

Jump onboard the "Ask Me Anything" (AMA) threads on Teams to ask questions from experts on AI in education, sustainability or other topics. Submit your project to the accelerator programme for support and mentoring, where the most innovative prototypes are selected for the opportunity to be scaled and implemented in their target sector.

DEVELOP YOUR DIGITAL COMPETENCES BY ENROLLING IN SELF-PACED ONLINE LEARNING ACTIVITIES

The European Digital Education Hub provides self-paced online learning offers to guide you through a knowledge-building journey on a specific digital education topic with resources selected by experts. Select one that supports the realisation of your project, pace yourself and embark on a personal learning journey. Consider diversifying journeys within your project consortium.





SHARE YOUR EXPERTISE AND EXPERIENCES WITH THE COMMUNITY

Take an active role in the community by sharing your expertise or your project results. Join an event and present your project or apply to take part in a squad where you can focus to develop a topic further with European digital education colleagues. Your project experience can benefit or hers!









SALTO Digital One Pagers and other materials at:

saltodigital.eu





Ethical guidelines on the use of artificial intelligence (AI) and data in teaching and learning for Educators





Ethical quidelines on the use of AI and data in teaching

and learning for Educators

Helping teachers and educational staff to better understand and engage in the ethical use of Al and data

Who are they for?

The guidelines target teachers and educational staff in formal education, mainly in primary and secondary levels of education, with some or no prior experience of using AI and data in teaching.

Why is action needed?

- Al in Education is no longer a distant reality using AI applications to train and learn foreign languages; using adaptive exercises to differentiate teaching and learning
- Al has a great potential to enhance education but, it lacks in depth impact analysis and could raise ethical considerations
- Al is part of digital skills to be acquired by teachers and learners by the end of the Decade



What are the guidelines?

A flagship initiative of the Digital Education Action Plan (2021-2027), the guidelines will help teachers and educators to understand the potential that AI applications and data can have in education and to raise awareness of the possible risks - even unintentional ones - so that they are able to engage positively, critically and ethically with AI systems and exploit their full benefit:

- Identifying concrete examples and generic use-cases
- Underpinning ethical considerations and requirements
- Highlighting emerging competences and key terms or techniques into the field of education

AN INITIATIVE OF THE

Action Plan 2021-2027 **#EUDIGITALEDUCATION #DEAP**

What do they include?

- A contextualisation of the objectives and possible use of AI in education, as well as a series of ethical considerations arising from them
- An explanation of the challenges of using AI techniques and data for teaching and learning purposes
- A series of questions related to the ethical and practical considerations of implementing AI and data-based resources and tools and advice on how to adapt them to different particular purposes and contexts
- A set of emerging skills for confident use of resources and tools or on the use of key technical terms in the field of education



How will they help teachers?

- Fostering awareness and knowledge acquisition regarding the ethical use of AI and data in teaching and learning
- Identifying concrete examples and guiding questions to build projects and use AI and data in an ethical manner
- Engaging teachers and educational staff to assess and share their experience in providing information deriving from diverse contexts
- Proposing methodology and guidance to develop digital competences and evaluate the relevance of using AI and data for various purposes in different contexts with confidence

Who developed them?

- Based on the work of an expert group, Led by the European Commission
- Based on the consultations provided by European Commission Services
- Based on feedback from educators (survey and consultations)
- Based on existing Commission initiatives and policies

How can you get involved?

- Use the guidelines with your students in the classroom
- Share them with other teachers
- Encourage your colleagues to use them and spread the word

Check out our guidelines



Stay tuned for latest news and updates @EUDigitalEdu

AN INITIATIVE OF THE Action Plan 2021-2027 **#EUDIGITALEDUCATION #DEAP**





Ethical guidelines on the use of artificial intelligence (AI) and data in teaching and learning for Educators



Commission



Guidelines for teachers and educators on tackling disinformation and promoting digital literacy through education and training

Why is action needed?

According to Eurobarometer:



70% of Europeans share that they often come across news that they believe misrepresent reality or are even false.1



8/10 respondents think that the existence of fake news is a problem in their country (78%) and for democracy in general (81%).2



Meanwhile, the time children spend online almost doubled between 2010 and 2020 in many countries. A majority of children use their smartphones 'daily' or 'almost all the time'.



Little over half of 15-year-olds in the EU reported being taught how to detect whether information is subjective or biased.3



Of young people across Europe think that critical thinking, media literacy and democracy are not taught sufficiently at school as shown in Eurobarometer data4



Of 13-14 year olds were shown to be underperforming in the results from International Computer and Information Literacy Study (ICILS)5 from 2018.

What are the guidelines?

A flagship initiative of the Digital Education Action Plan (2021-2027), the guidelines support teachers and educators in addressing the pressing topics of disinformation and digital literacy in the classroom.

The guidelines will ensure that young people are equipped with the skills and competences to live and thrive in the digital age in four ways:

- Generating broader understanding of digital literacy achieved through education and training.
- Promoting responsible and safe use of digital technologies.
- Fostering better public awareness and knowledge regarding disinformation.
- Providing insights into how students can be assessed regarding their digital literacy competences

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AN INITIATIVE OF THE Action Plan 2021-2027 #EUDIGITALEDUCATION #DEAP

Who are they for?

The guidelines are targeted at teachers and educators in primary and secondary levels of education, with some or no prior experience with digital literacy or disinformation.

How will they help teachers?

The guidelines support teachers:

- To better understand disinformation and how it can be addressed in the classroom.
- To foster digital literacy in classrooms and schools by supporting learners to become digital citizens.
- To navigate key definitions and concepts in the field of digital literacy and disinformation.
- To get inspiration on how to assess students in the area and evaluate digital literacy initiatives in their school.

What do they include?

- Practical teaching and learning tips on game-based learning, assessing digital literacy and engaging parents.
- Activity plans, which include how to judge information. trace digital footprints and master fact-checking.
- Boxes with insights on digital pedagogy and emotional dimensions of disinformation.
- Cautionary notes on topics that include discussing conspiracy theories and discussing controversial issues.



Who developed them?

An expert group made up of experts from academia, teacher training, civil society, social media. telecommunications, broadcasting, international organisations and the European Commission.

> For more information, see the full final report.

What can you do to help us promote digital literacy?

- Use the guidelines with your students in the classroom
- Share them with other teachers
- Encourage your colleagues to use them and spread the word

Check out our guidelines



Stay tuned for latest news and updates **○ ©EUDigitalEdu**







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How can you make use of the Digital Education **Action Plan** in your projects?

Digital Education Action Plan

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How can you make use of SELFIEforTEACHERS in your projects?



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Produced by SALTO Digital December

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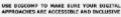
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Read more about DigComplet

USE LANGUAGE OF THE DOGCOMP PRAMEWORK TO INCREASE THE IMPACT OF YOUR PROJECT RESULTS

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Erasmus+



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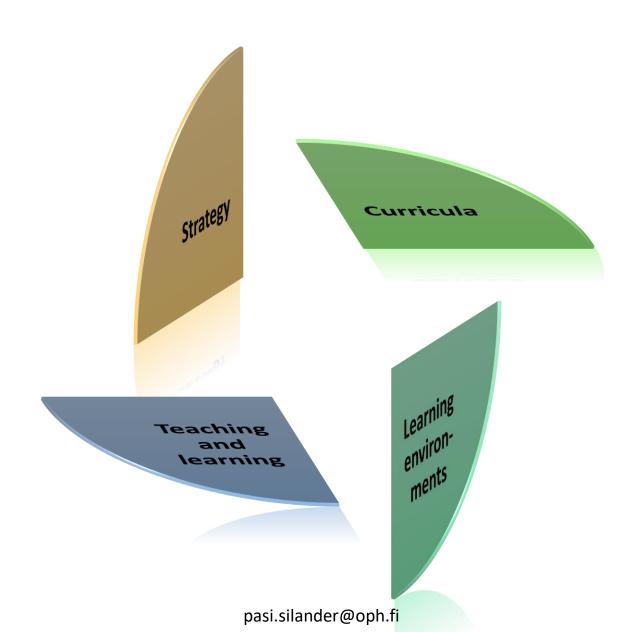
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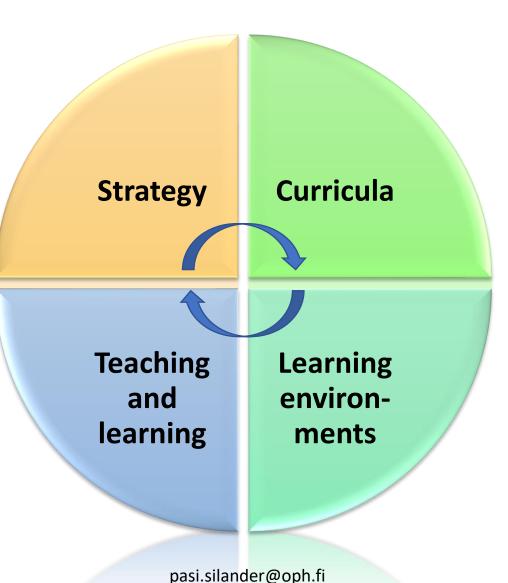
Transforming Digital Education Ecosystem – Systemic Change



Transforming Digital Education Ecosystem – Systemic Change

- Vision
- Capacity building
- Pedagogical leadership
- Research

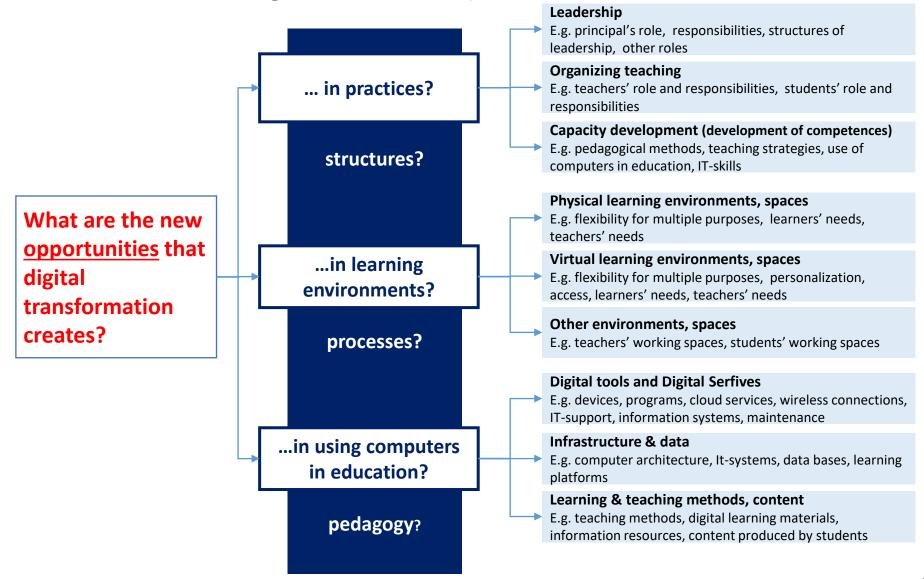
- Phenomenon based learning
- Multiprofessional teams
- New assessment



- Dynamic curriculum
- Competencies
- +21st century skills

- Physical learning environments
 - Virtual learning environments
 - Digital tools

What kind of <u>changes</u> are needed (with digital transformation)?



Short reflection & networking on the coffee break

Which of the tools and frameworks could your organization utlize to build *digital* transformation plans and Erasmus+ - projects?

- **DigiComp** competence framework
- **SELFIE** Self reflection tools(for the whole school)
- SELFIE for TEACHIERS
- SELFIE for work-based learning (VET)
- **Heinnovate** Self-reflection tool for Higher Education Institutions
- European Digital Education Hub community of practice and networking "digital developers"

