

***Priority 2: Effective pedagogical approaches on  
informatics for primary and secondary level of education***

## Structured Dialogue on Digital Education and Skills (2022)

Support Member States in the digital transformation of their education and training systems in an integrated, coherent and more ambitious approach

## Two upcoming Council Recommendations (2023)



### Strategic priority 1

Fostering the development of a high-performing digital education ecosystem



Proposal for a Council Recommendation on **enabling factors for successful digital education**



### Strategic priority 2

Enhancing digital skills and competences for the digital transformation

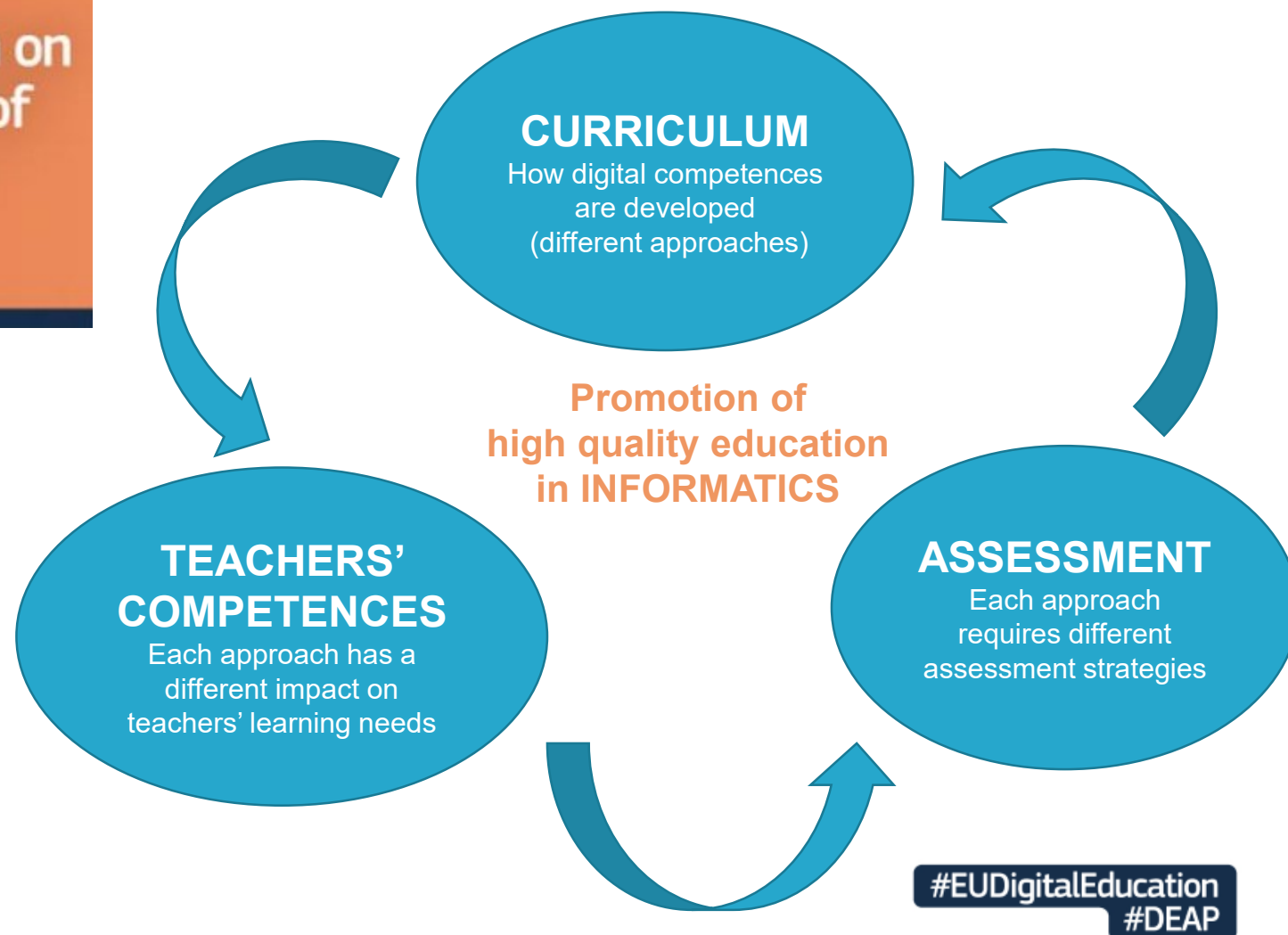


Proposal for a Council Recommendation on the **provision of digital skills** in education and training



**Objective:** support MS in facing common challenges related to the level of digital skills of different segments of the population and the ability of their education and training systems to support its provision in a lifelong learning perspective.

- Focus on the **provision**
- Covering the **whole spectrum** – e.g. all levels of digital skills and all groups



## MAIN CHALLENGES AND WHY IS ACTION NEEDED

- Many Member States recently changed or are currently **reviewing their curricula** to better promote digital skills.
- An emerging trend focuses on including learning outcomes on **informatics** in the curriculum at lower and upper secondary education with different implementation modes.

Level of education	Informatics as distinctive discipline
Primary education	23 education systems (in half separate compulsory subject)
Lower secondary	35 education systems (in half separate compulsory subject)
Upper secondary education	All countries (compulsory or optional in at least one grade)

- Regardless of curricular choices, further **challenges** arise in ensuring quality teaching, relevant resources, gender balanced uptake and representation, proper evaluation and assessment.



Need to develop effective pedagogical practices on informatics (especially at primary and lower secondary) and share expertise on how to teach and assess digital skills as a specific subject like informatics across the different levels of education.

## OBJECTIVES OF THE CALL

Supporting the development of **effective pedagogical approaches on informatics** and related assessment can help in better preparing teachers to build and share expertise on how to best integrate the subject across the different levels of school education - thus better promoting young people active and safe use of digital technology.

Projects under this priority should address both:

- **Development and testing of effective and innovative pedagogical approaches in informatics** that are appropriate and with a clear progression between the different levels of education and in particular with a focus on primary and secondary level.
- **Teacher-training initiatives** aimed at increasing the availability of (generalist and specialised) teachers with adequate preparation and qualification to teach the discipline.



