

# Support and accompany the autonomy processes in the education sectors and training in the digital age

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**Introducion and background:**  
Curricular approaches to digital competence and current developments in Europe



The Italian framework and the actions of the Ministry of Education



A first analysis of the data in Tuscany on the skills of teachers-pupils-parent



**Research question:**  
To what extent has digital influenced the quality and inclusiveness of teaching skills in learning environments in education and training systems?



**Method:**

Quantitative method and future perspectives through data analysis:  
-EU commission data 2016> 2020  
-Ministry of education  
-Eurydice



**Aim**

-A possible professional profile in reference to the frameworks of Europeans for teacher training "DigCompEdu"  
-Innovative learning environments. National and European networks for educational methodologies

**Aims of the research:**

Improving the quality and inclusiveness of education and training systems and providing digital skills for all during the digital transition in Tuscany

**Research design:**

**Step\_1** Analysis of the literature and legislation in force MI and EU for the construction of a theoretical reference framework.

**Step\_2** Systematic review of other similar researches in the literature. Review of data held by the EU by the Ministry of Education and USR Toscana-20/21 - 21/22

**Step\_3** Analysis of all the data emerged and conclusions



**Future outlook**

Qualitative method and future perspectives through data analysis:  
-Analysis of the access and use of digital tools by pupils, teachers, DS, Families

**References:**

- Commissione europea/EACEA/Eurydice 2016>2020
- Commissione europea Annual Report 2016>2020. Lussemburgo: Ufficio delle pubblicazioni dell'Unione europea.
- Commissione europea, 2017b. Documento di lavoro dei servizi della Commissione 'Europe's Digital Progress Report 2017'. SWD (2017) 160 versione finale [pdf] <https://ec.europa.eu/transparency/regdoc/rep/10102/2017/EN/SWD-2017-160-F1-EN-MAIN-PART-18.PDF> [consultato il 18 marzo 2019].
- MI USR Toscana

Preliminary results: first comparison of data on EU digital skills and Ministry of Education data

