



European  
Commission

*eTwinning for Future Teachers 8-10 DEC 2021*

## Initial Teacher Education

Online Annual Conference 2021

*Preparing teachers for the “new normal”*

# eTwinning and (Initial) Teacher Professional Development

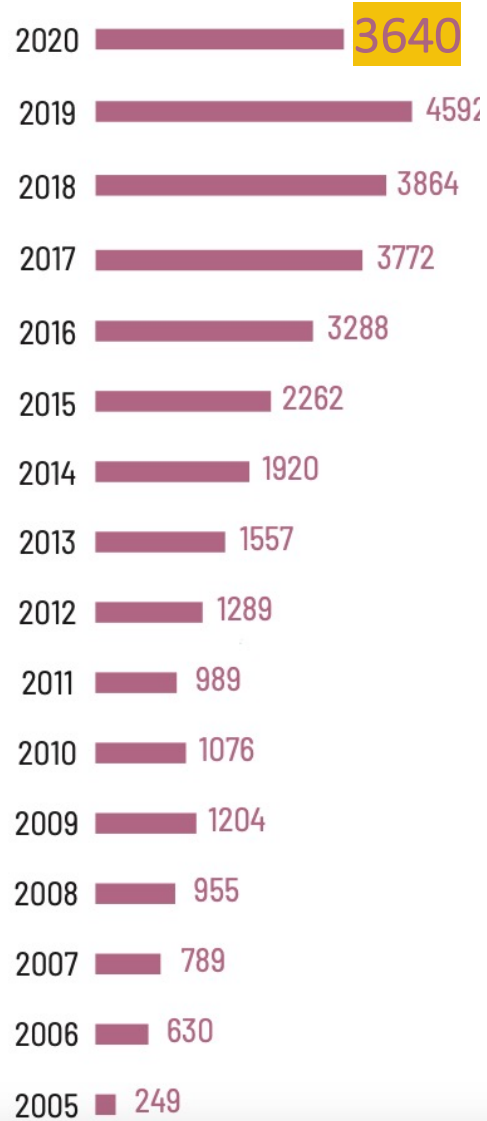
**Maria Chiara Pettenati**  
Research Director - Indire



**ABC**

# eTwinning in Italy

eTwinning projects of Italian schools activated per year



Main partner countries in Italian projects (2020)



TURCHIA 300



FRANCIA 274

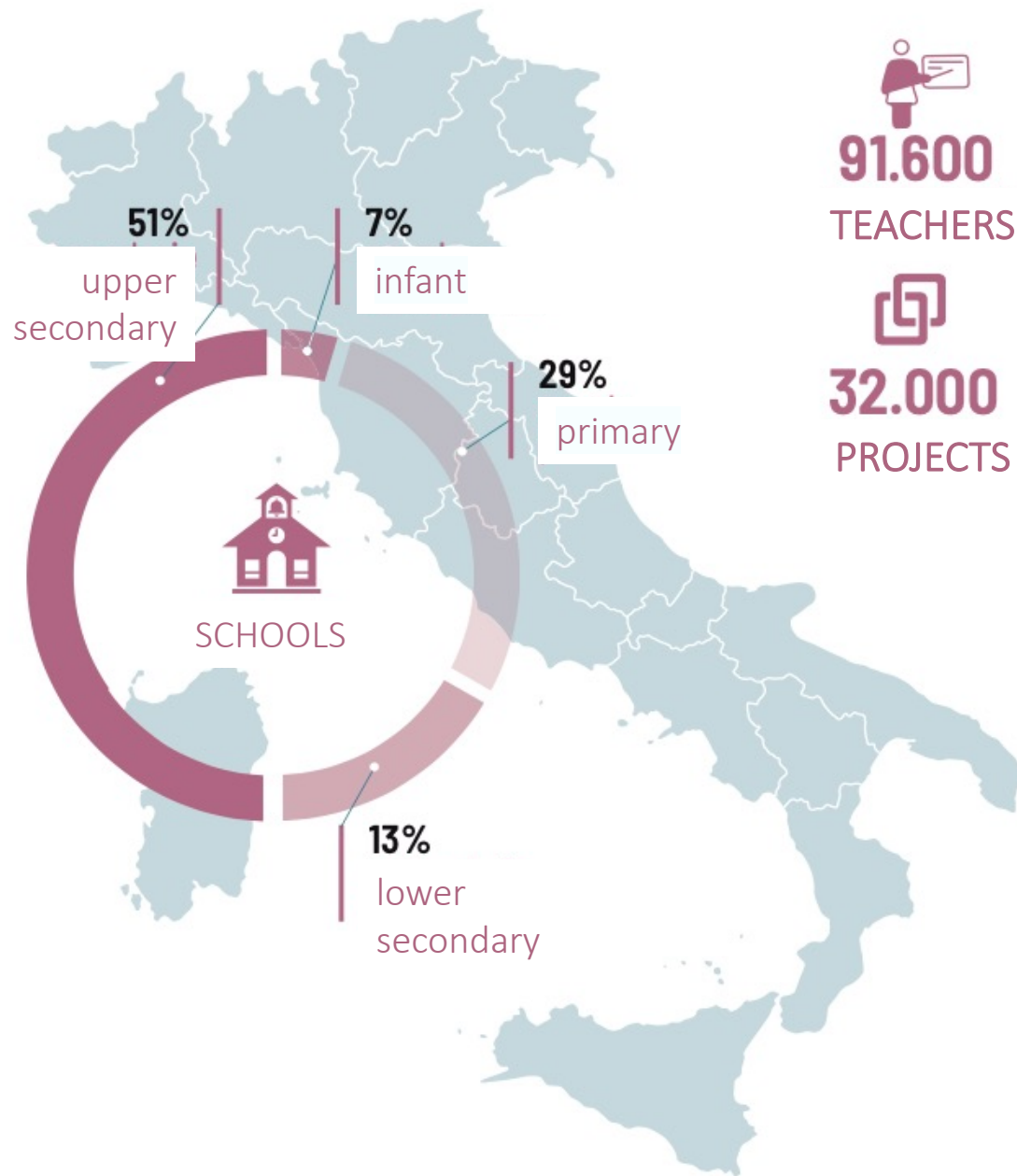


SPAGNA 224



POLONIA 112





## Main countries by number of eTwinning teachers (2020)

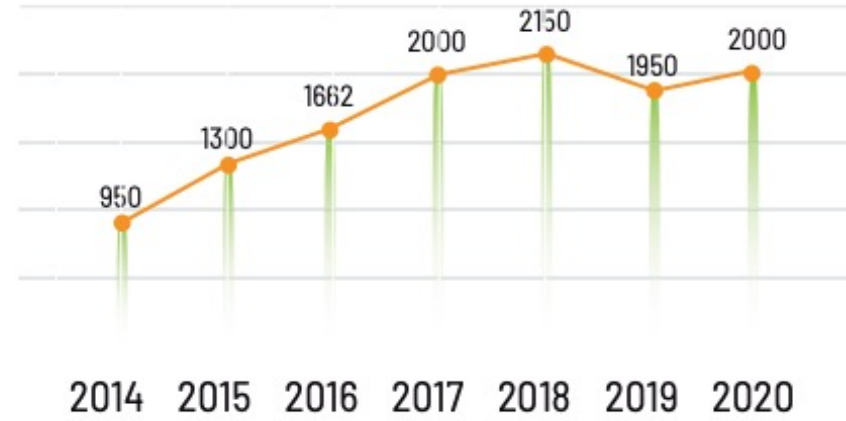


Source: eTwinning Italian Unit 2005-2020

## *Italian Universities involved in eTwinning (ITE)*



## *Student teachers involved in eTwinning training*





*Initial Teacher Education Online Annual Conference 2021*

**INDIRE**  
ISTITUTO  
NAZIONALE  
DOCUMENTAZIONE  
INNOVAZIONE  
RICERCA EDUCATIVA



AGENZIA  
NAZIONALE  
INDIRE



*A cura di Donatella Nucci, Alexandra Tosi  
e Maria Chiara Pettenati*

# eTwinning e la formazione degli insegnanti

*Studi, evidenze e prospettive della community italiana*



 Ricerche Indire

Carocci  editore

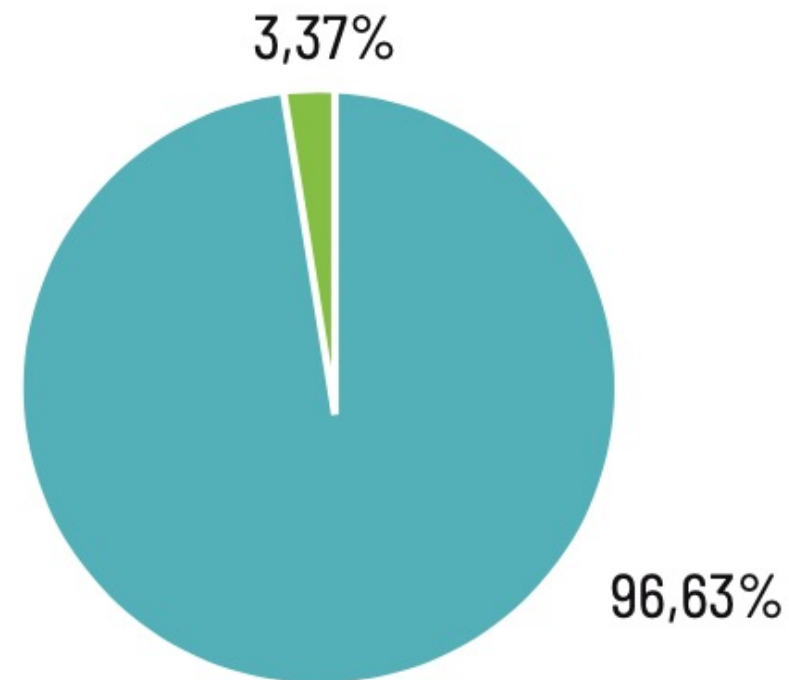
# Country context

**Figure 3.5: Status of continuing professional development of lower secondary teachers and minimum number of defined CPD hours, 2019/20**



# *Do you feel the event was beneficial to your professional growth?*

9.708 respondents out of 22.405 participants in regional events in 2019-20



■ YES ■ NO



Working on the TwinSpace means for us teachers to build asynchronous activities for students, handing them tasks to do, on which they can work and monitor them synchronously. [...]. In the early days of school lockdown in march 2020 this methodological competence we had acquired on the TwinSpace provided to be very useful. We were able to create asynchronous activities to be done by the students and to monitor them [...] From nerds as we were seen by our colleagues before the pandemics we emerged as teachers able to build synchronous and asynchronous online paths that were meaningful and well structured.



# Italian eTwinner competence framework vs MeTP

## COMPETENCE AREAS



eTw-IT

Indicators & related guiding questions (4 scale positioning)



MeTP

Questions (5 statement positioning)

DIDACTICS

30+

8

SCHOOL PARTICIPATION

16+

8

PROFESSIONALISM

11

4\*

8\*

9

PEDAGOGICAL COMPETENCE

COLLABORATION COMPETENCE

DIGITAL COMPETENCE



# TEACHER TRAINING UNITS

WHAT ?



# TEACHER TRAINING UNITS



# Impact of eTwinning on CPD in Italy



1

To investigate teachers' perceptions in relation to their own professional competencies

2

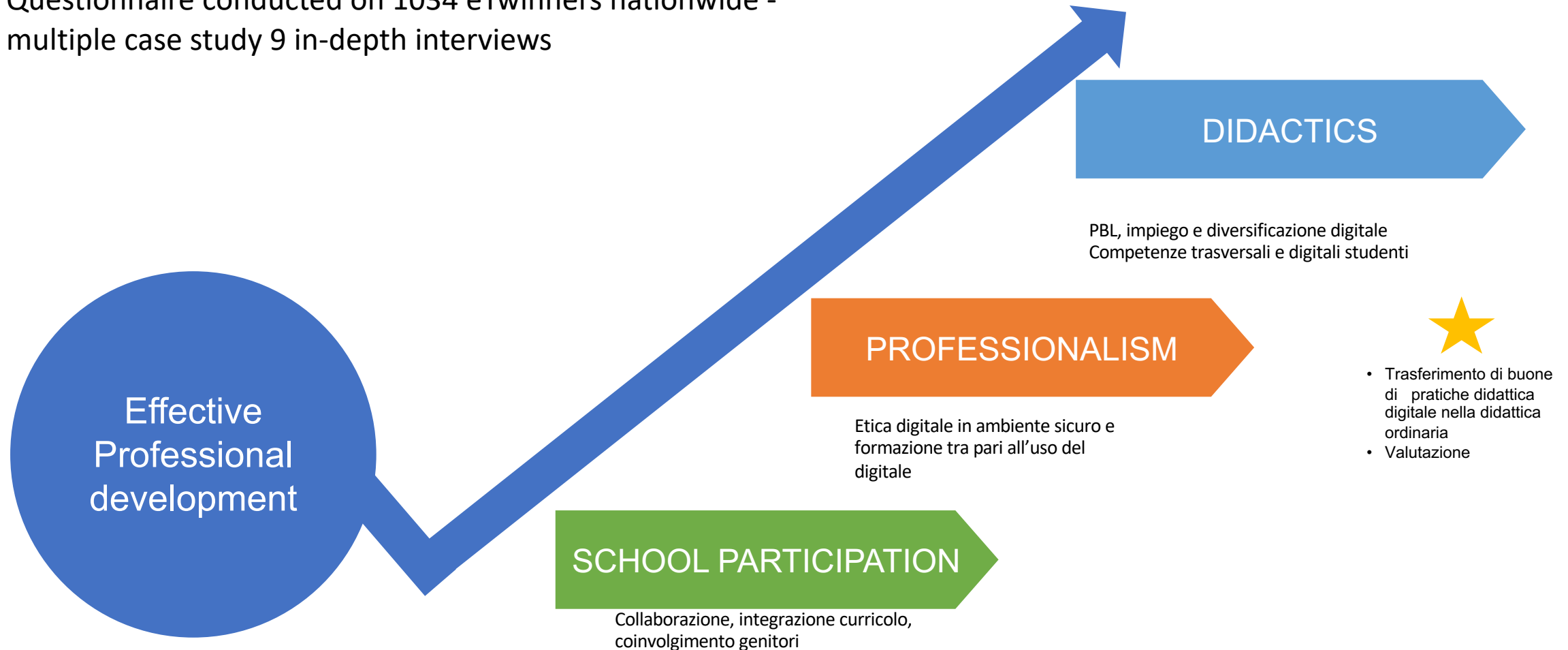
To explore the relationship between these perceptions and the level of involvement in the eTwinning experience

<https://www.indire.it/en/the-impact-of-etwinning-on-the-in-service-professional-development-of-teachers-in-italy/>

# eTwinning and CPD in Italy

## Results

Questionnaire conducted on 1034 eTwinners nationwide -  
multiple case study 9 in-depth interviews



# eTwinning and citizenship education – research questions



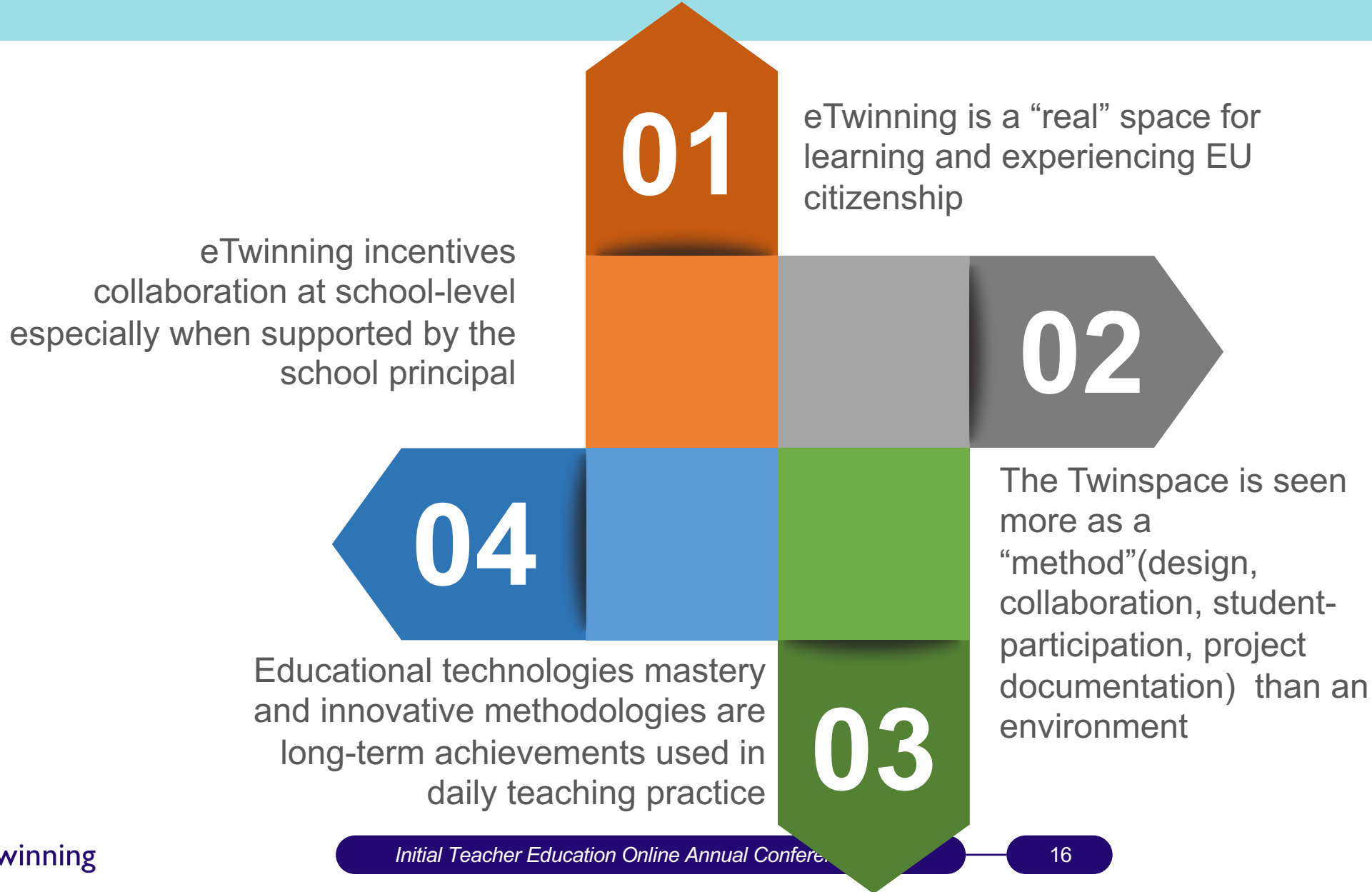
1. What do the teaching experience in eTwinning and the teaching of citizenship education have in common?

2. What digital and methodological skills are useful and transferable from the eTwinning context to the citizenship education context?

3. Does the eTwinning experience foster in any way that process of transversality attributed to citizenship education?



# eTwinning and citizenship education – research results



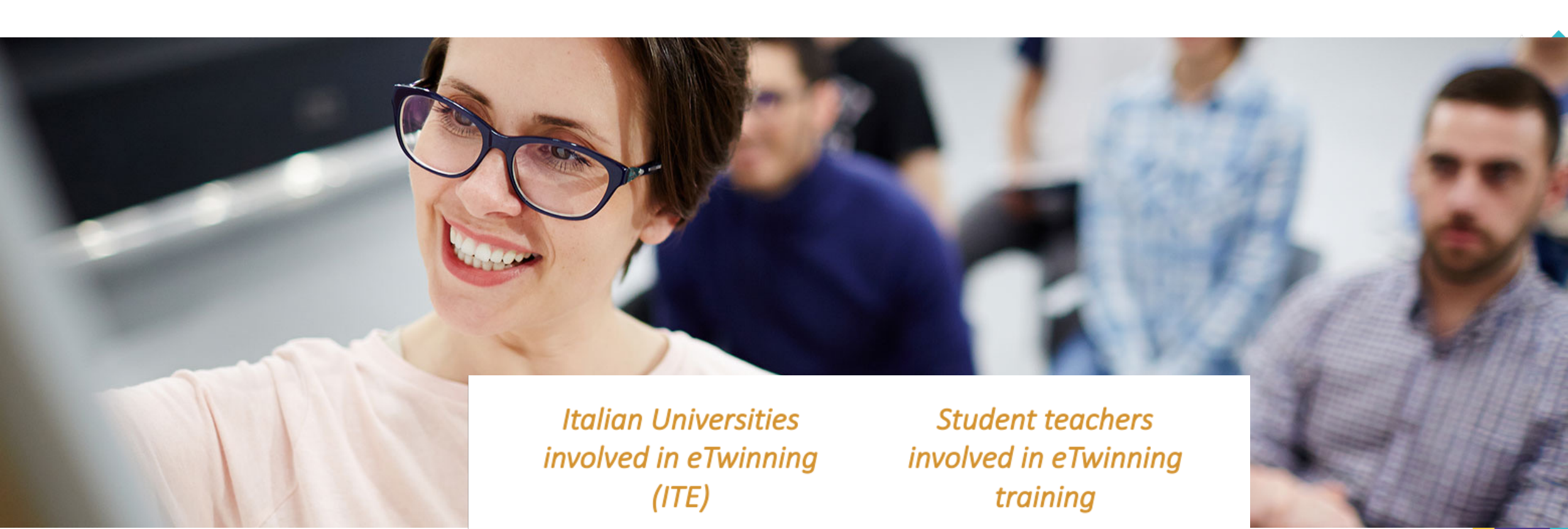


# eTwinning and Induction

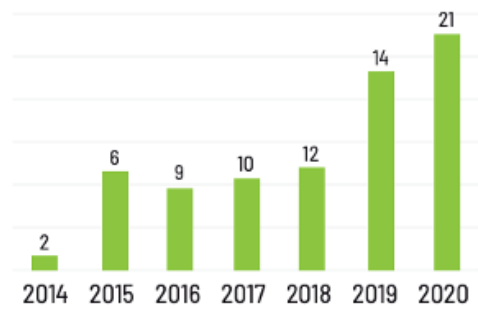
eTwinning labs for NQTs at a regional level (Piemonte pilot experience since 2016)

eTwinning labs optional for NQTs at a national level (2021-22)

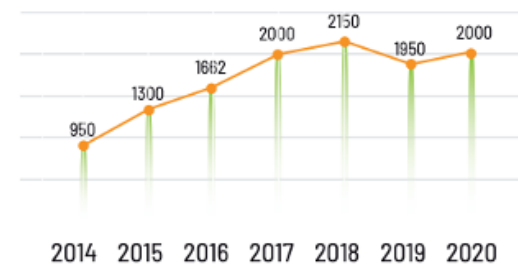
New research to be done



*Italian Universities  
involved in eTwinning  
(ITE)*



*Student teachers  
involved in eTwinning  
training*



## ITE eTwinning models



eTwinning projects among students of different **italian universities** with/without class engagement



eTwinning projects among students of different **italian and foreigners universities** with/without class engagement



Master thesis in eTwinning



eTwinning project during traineeship



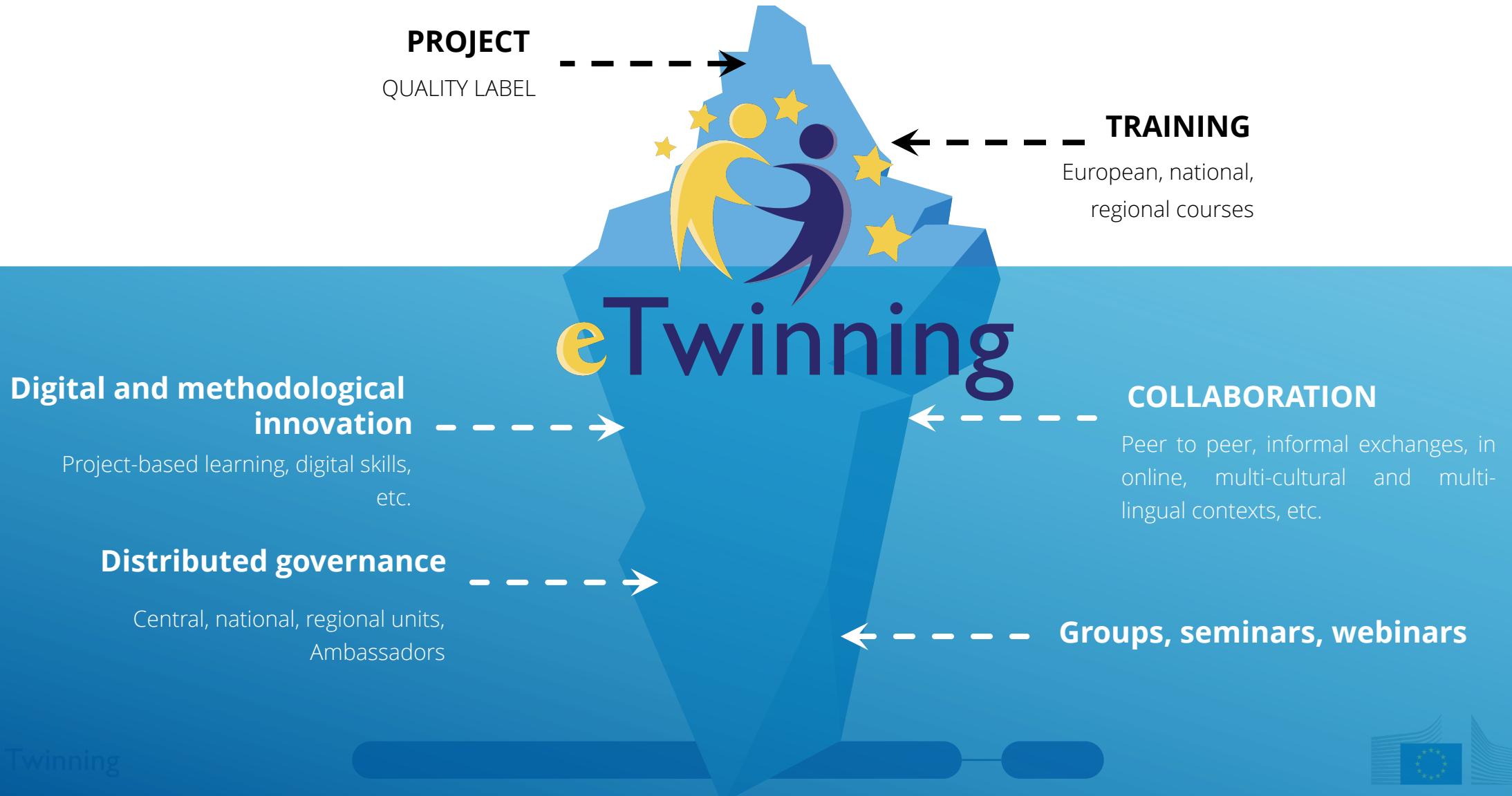
# How eTwinning ITE can contribute: 1) to the training of future teachers and 2) to the innovation of Higher Education systems in Italy?

## Preliminary trends

- Very positive reactions from all undergraduate students.
- 1) Collaborative dimension 2) simulations and design activities 3) informational activity.
- Extension of collaborative network (academy and school system)
- Digital and/or teaching skills and activation of action-research processes.
- PBL, teaching methods and educational technologies



# The VALUE iceberg of the eTwinning EXPERIENCE



# Thank you!

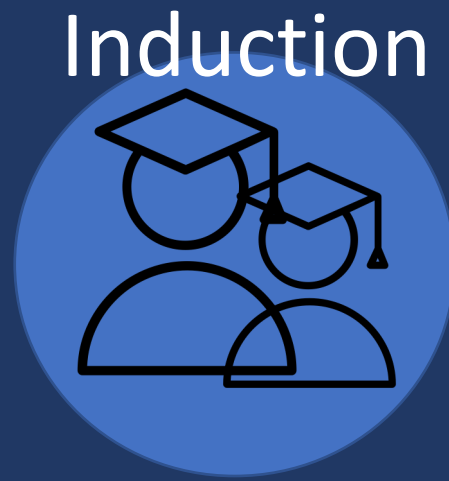
---

[mc.pettenati@indire.it](mailto:mc.pettenati@indire.it)



eTwinning infographics, images and data used in this presentation are taken from the eTwinning Italia Activity report 2014-20





# Framework of eTwinners' competences

AREA OF COMPETENCE	SUB-AREA OF COMPETENCE
DIDACTICS	Design
	Teaching
	Learning
	Evaluation
PROFESSIONAL ATTITUDE	(Digital) professional ethics
	(Digital) professional development
SCHOOL PARTICIPATION	Collaboration
	Management
	Involvement of external parties

