

# Using innovative learning strategies to enhance social participation of drops outs

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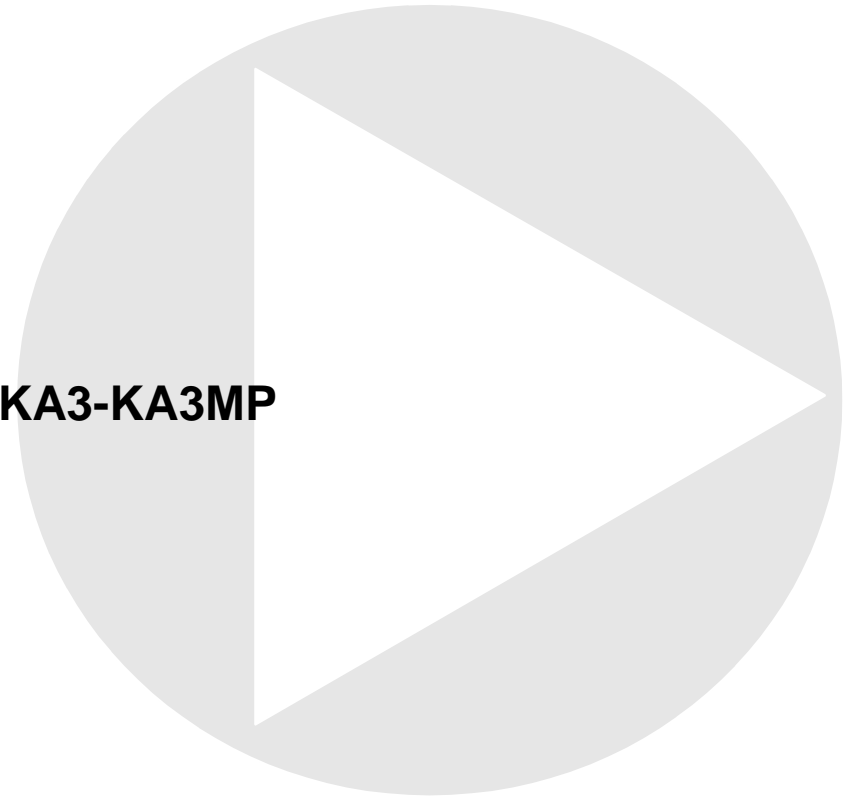


# reAct – about the project

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## General data

- ✓ **Lifelong Learning Programme**
- ✓ **Multilateral Project: KA3 (ICT)**
- ✓ **Project Number: 511709-LLP-1-2010-1ES-KA3-KA3MP**
- ✓ **Agreement n° 2010 – 4140/ 001 – 001**
- ✓ **Duration: 01/01/2011 to 31/12/2012**



## Partners

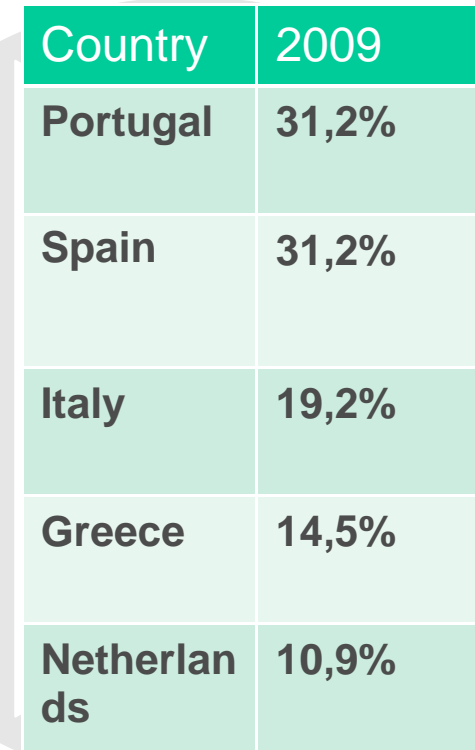
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- ✓ **SERVEF Servicio Valenciano de Empleo y Formación, Valencia (Spain)**
- ✓ **KEK KRONOS Ltd., Psachna (Greece)**
- ✓ **Training 2000, Mondavio (Italy)**
- ✓ **Tiroler Bildungsservice, Innsbruck (Austria)**
- ✓ **BFI Tirol Bildungs GmbH, Innsbruck (Austria)**
- ✓ **DELFT UNIVERSITY OF TECHNOLOGY, Delft (Netherlands)**
- ✓ **Centro Novas Oportunidades D. Inês de Castro – Alcobaça (Portugal)**

## The issue

### Disconnect between curricula and learners' perception and expectations

- ✓ Effects of remedy programmes are limited
- ✓ Urgency is revealed by individual, social and economic consequences
- ✓ % of drop outs (2009)



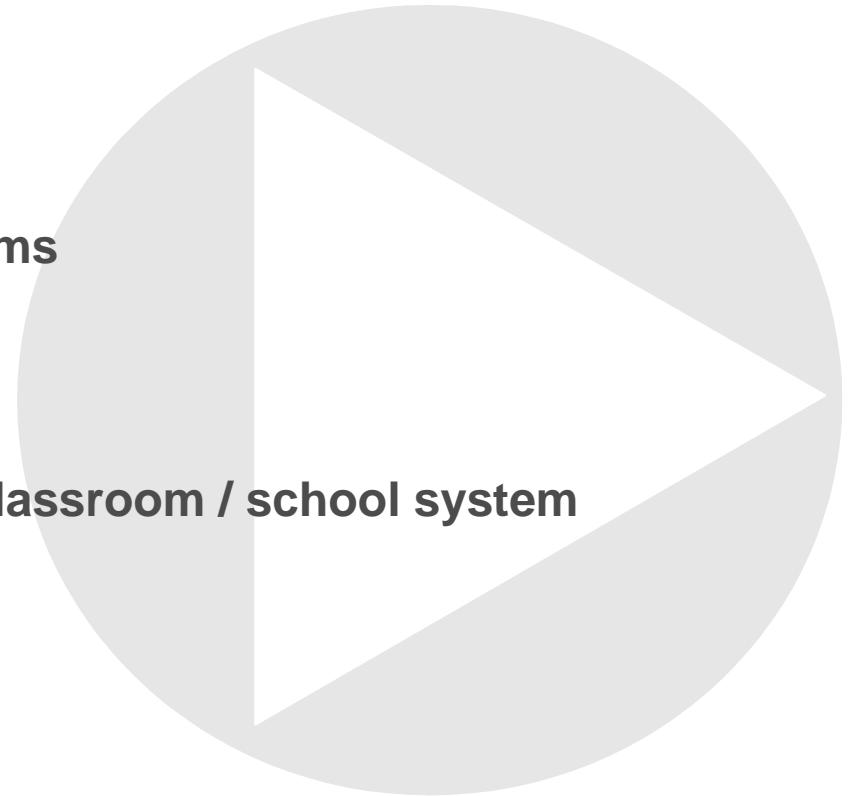
Country	2009
Portugal	31,2%
Spain	31,2%
Italy	19,2%
Greece	14,5%
Netherlands	10,9%
Austria	8,7%

# Research suggests

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## Diminishing early school leave

- ✓ Flexible education and training systems
- ✓ Variety of learning pathways
- ✓ Individual and school-level support
- ✓ Difficult to include in the traditional classroom / school system



## reAct overall objectives

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- ✓ **Develop a new learning approach based on PLE (Personal Learning Environment)**
- ✓ **Using new technologies (ICT tools, social media, online environments etc...)**
- ✓ **To improve the prospects and employability**
- ✓ **Develop insights and skills of teachers and management**

**Tapping into motivational behaviour**

## Project aims

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- ✓ **A change of attitude to learning**
- ✓ **Open minds**
- ✓ **Learn to learn**





# Developing the learning concept

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- ✓ Needs analysis
- ✓ Design of the methodological approach
- ✓ Creation of the toolset

## Monitoring, evaluating, assessing

- ✓ Teacher interviews (online, questionnaires, logbooks)
- ✓ Students interviews (online, questionnaires)
- ✓ Project results, products, local & online presence
- ✓ Partner reports



# The learning concept

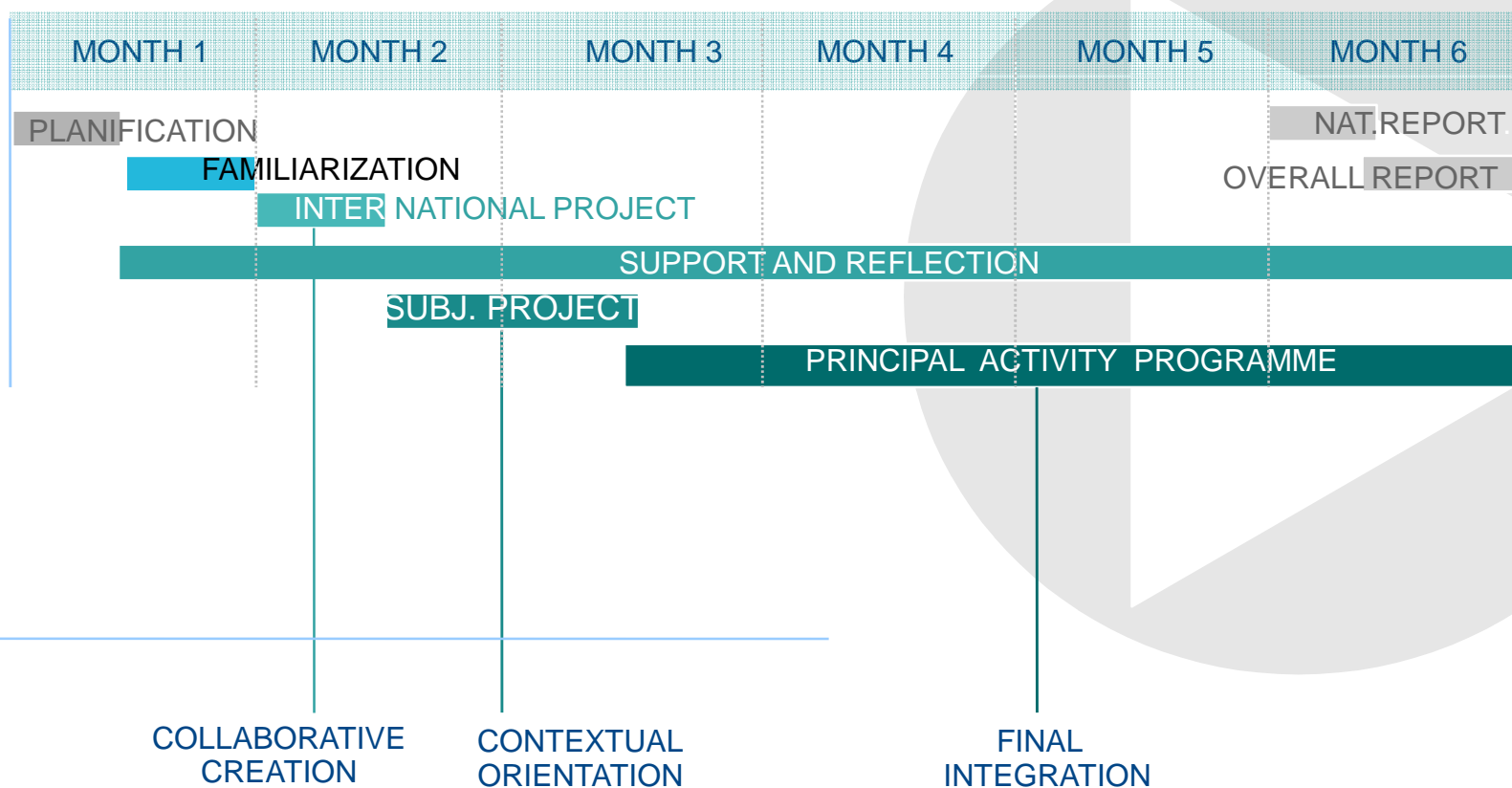
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## The 8 learning principles

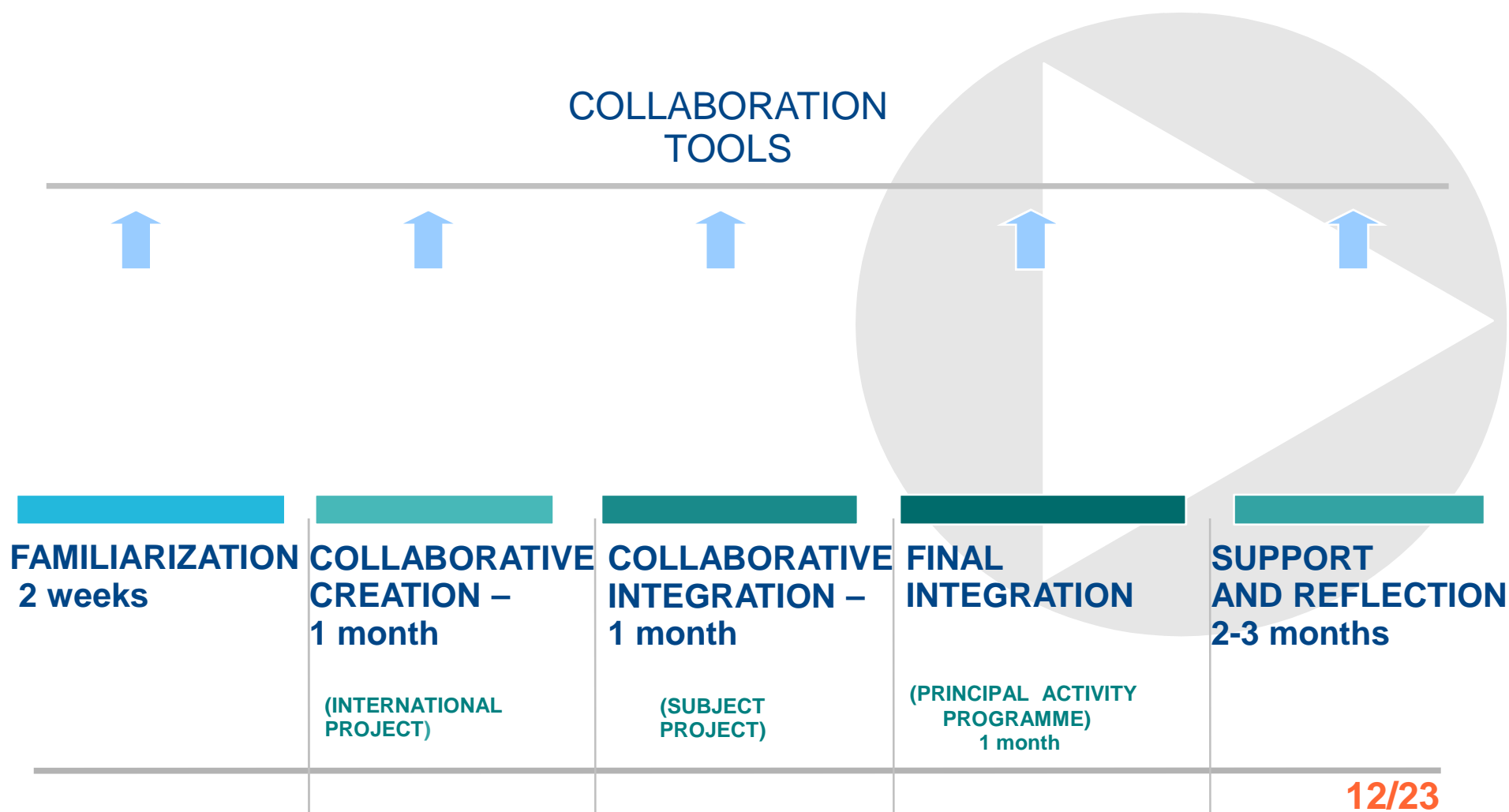
- ✓ **Trust**
- ✓ **Challenge**
- ✓ **Self-directed**
- ✓ **Collaboration**
- ✓ **Ownership**
- ✓ **Creativity**
- ✓ **Relevance**
- ✓ **+ Transversal : ICT**



# Pilot schedule



## Activity outline



# Pilot phases

FAMILIARIZATION	<ul style="list-style-type: none"> <li>-Familiarize with: <ul style="list-style-type: none"> <li>-Tools</li> <li>-Group activities</li> <li>-New role of teachers and learners</li> </ul> </li> </ul>	SUPPORT AND REFLECTION
COLLABORATIVE CREATION	<ul style="list-style-type: none"> <li>- Create international teams</li> <li>- Participate in a creative and free project</li> <li>- Learners choose: <ul style="list-style-type: none"> <li>- subject</li> <li>- objectives and tools</li> </ul> </li> </ul>	Teachers propose activities to develop new skills:
COLLABORATIVE INTEGRATION	<ul style="list-style-type: none"> <li>- Create national teams</li> <li>- Participate in a creative project</li> <li>- Free project where learners choose: <ul style="list-style-type: none"> <li>- subject related to the main training action</li> <li>- objectives and tools</li> </ul> </li> <li>- Projects presentation to international centers</li> </ul>	<ul style="list-style-type: none"> <li>-reflection</li> <li>- meta-cognitive</li> <li>- critical thinking</li> </ul>
FINAL INTEGRATION	<ul style="list-style-type: none"> <li>-Return to main activity with new method and tools</li> <li>-Adapted to new learners situation</li> </ul>	

# Italian experience

## Teachers training

### GENERAL OBJECTIVES

- **Motivate and engage teachers in reAct methodological approach**
- **Familiarize them with tools and their pedagogical uses**
- **Provide strategies to be a good “coach”**



# Italian experience

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## Teachers training

### SPECIFIC OBJECTIVES

- **Methodological knowledge (using the methodological approach abstract)**
- **Training in ICT (using the tool collection).**
- **Detailed programme of the 3 first months of a course where a range of activities will be defined by the teachers.**

# Italian experience

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## Teachers training program Part 1. Understanding

- reAct project presentation
- The role of ICT in the education and training process
- *reAct* methodology (8 principles)
- Listening to the teachers (needs, hopes, fears, views)
- Listening to students interests
- Create digital profiles (if necessary) and contact with other teachers involved (optional, access to Facebook reAct Group)



# Italian experience

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## Teachers training program

### Part 2 . Exploring

- **Create accounts in different web 2.0 tools**
- **Activities with web 2.0 communication tools (Google +, Facebook...)**
- **Using Diigo (The tool collection)**
- **Activities discovering pedagogical uses about different ICT tools:**
  - **Profiling: (facebook, youtube, 43things.com,... )**
  - **Storytelling: (toondoo, storybird, bubble project..)**
  - **On line Games: (farmville, enercities, mathsgarden,..)**
  - **Creative tool Studio: (flickr, picnik, glogster, toondoo,...)**
  - **Research & Learning: (zooniverse, prezi, slideshare, )**
- **The e-portfolio and PLE.**

# Italian experience

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## Teachers training

### Part 3. Implementing

- **Teachers do work in groups to develop a detailed programme of the first 3 months of a course (including FAMILIARIZATION, INTERNATIONAL PROJECTS, LOCAL PROJECTS and FINAL INTEGRATION) where a range of activities will be defined by the teachers.**
- **Providing evaluation tools to measure the success of this method (log books, checking list based in react questionnaires, etc etc...)**

## Italian experience

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### Pilot 1

-3 classes involved (**ITCG Corinaldesi di Senigallia, Istituto A. Olivetti e Istituto d'Arte A. Apolloni – Polo Scolastico 3 - Fano**)

- 13 teachers

- 87 students

### Pilot 2

-2 classes involved: **Istituto A. Olivetti e Istituto d'arte A. Apolloni – Polo Scolastico 3 - Fano**

-6 teachers

-36 students



## Italian experience – some results

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### Some results – google sites platform:

<https://sites.google.com/site/reactproject/pilot-2/international-project-2>

Manga/Anime

<https://sites.google.com/site/otakubazar/home>

Street Colours

<http://www.glogster.com/alielli/street-art-3-3-/g-6ll3regpuprigd098pd5va0>

The style is the dress of thoughts

<http://www.adrianoolivetti.it/polo3/react-p2/index.html>

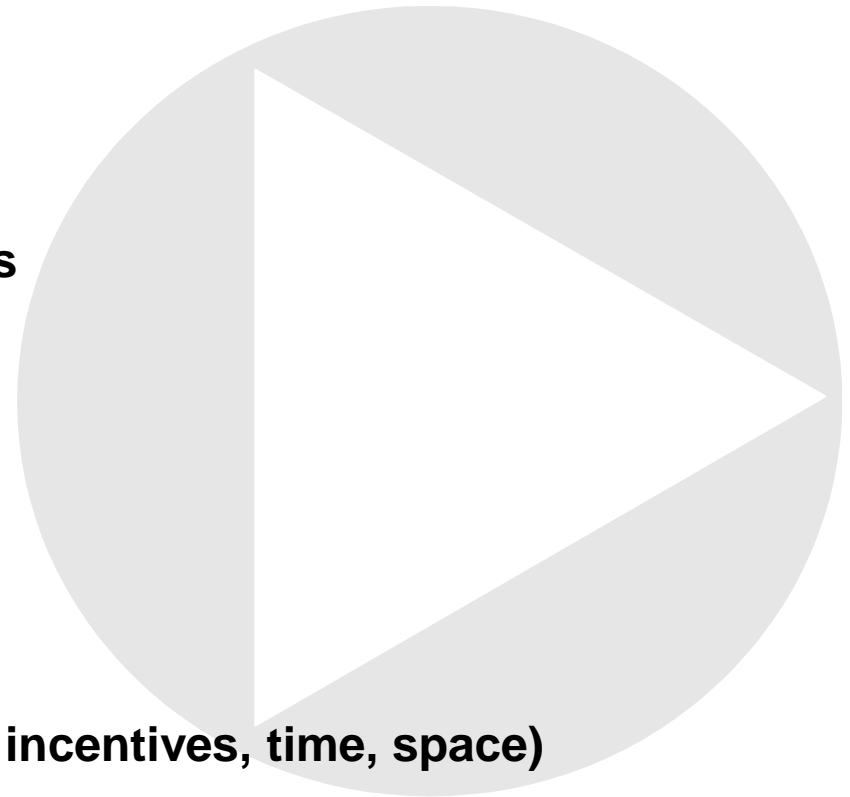
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Positive aspects:

- High motivation of students**
- Development of high communication skills**
- Autonomous learning**
- Creation of a PLE**

How/what to improve:

- Motivate teachers**
- Public education system (more resources, incentives, time, space)**
- Flexibility for national curricula in public schools (too rigid)**
- Digital literacy and communication level**



## Summary

- **Presentation of the reAct project**
- **ReAct overall objectives and principles**
- **The learning concept**
- **Teachers training**
- **The Piloting phases**
- **The Italian experience**



**Thanks for your attention!**

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