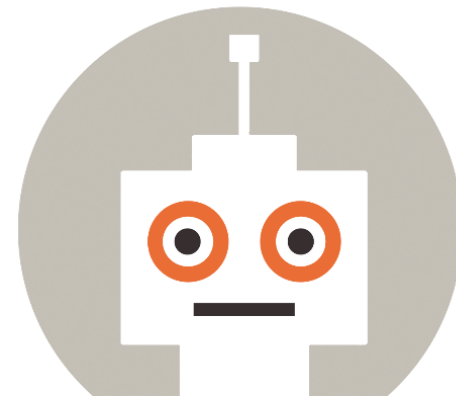




AMIGO



aims at a

holistic ecosystem

providing the next generation of
Personal Learning Environments (PLE) with

multiple functions

to attract **interest**

towards **STEM** fields.



Co-funded
by the European Union

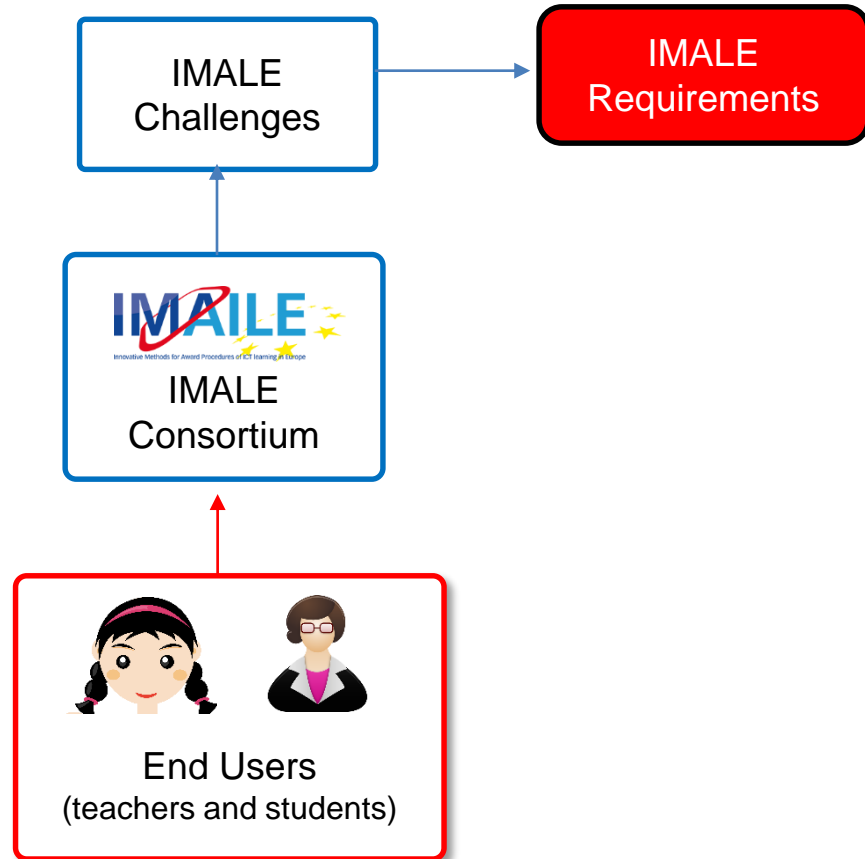
AMIGO CONSORTIUM is formed by

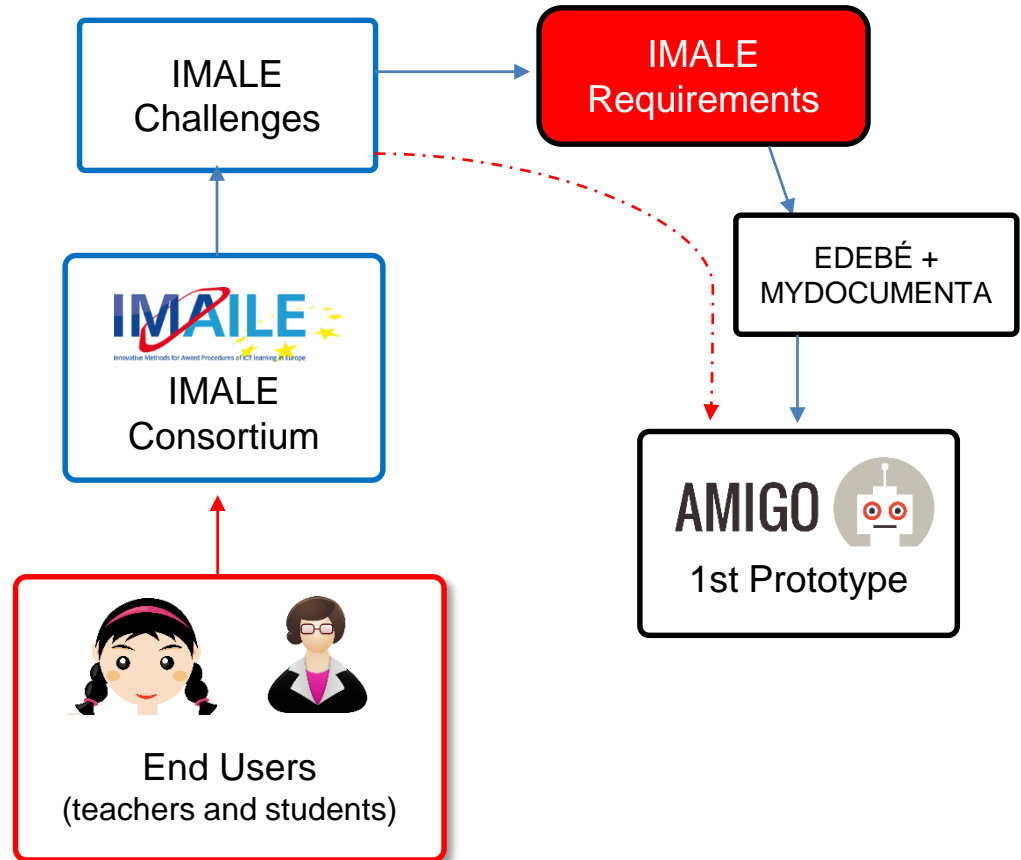


IMAILE – 619231: This project has been funded with support from the European Commission in the context of the Seventh Framework Programme. <http://www.imaile.eu>

THE IMAILE PCP

A dialogue that makes the
difference



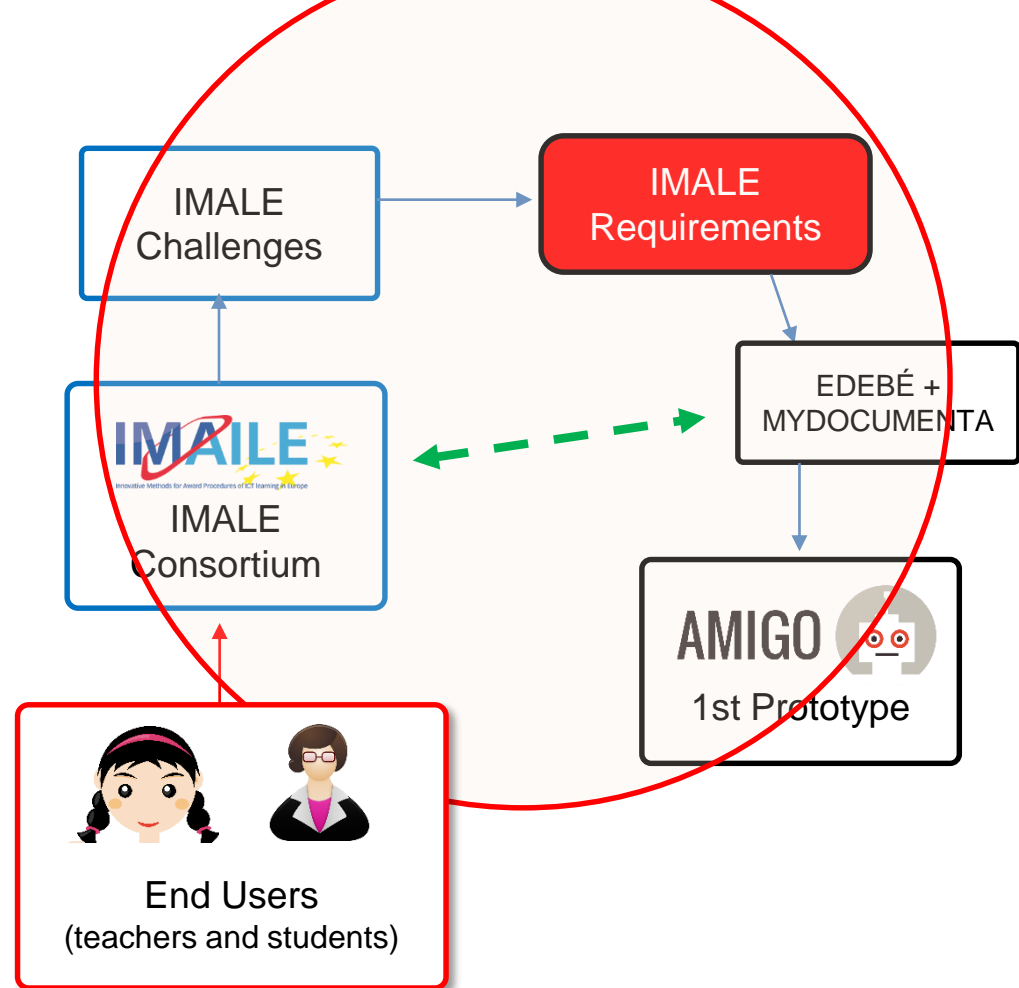


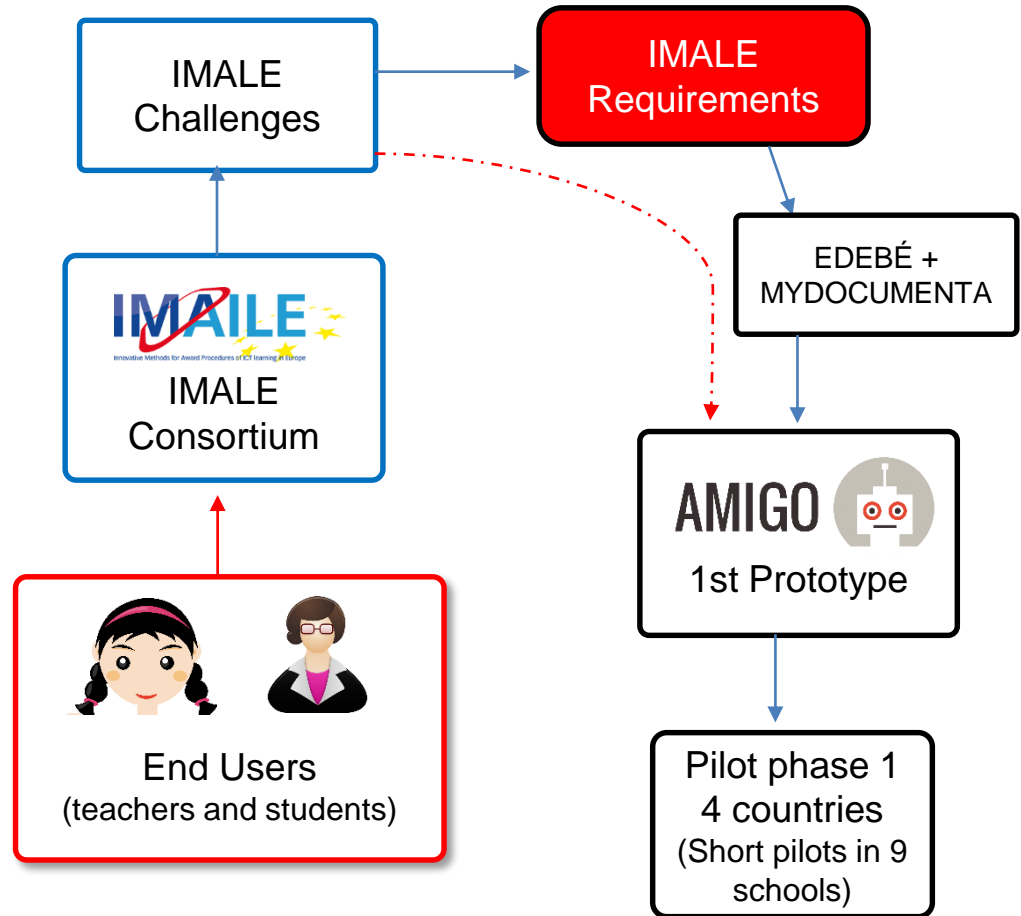
Challenges Vs Requirements

The dialogue between procurers and companies started at the very first moment.

This dialogue helps companies to better fit our proposals to the procurers' expectations.

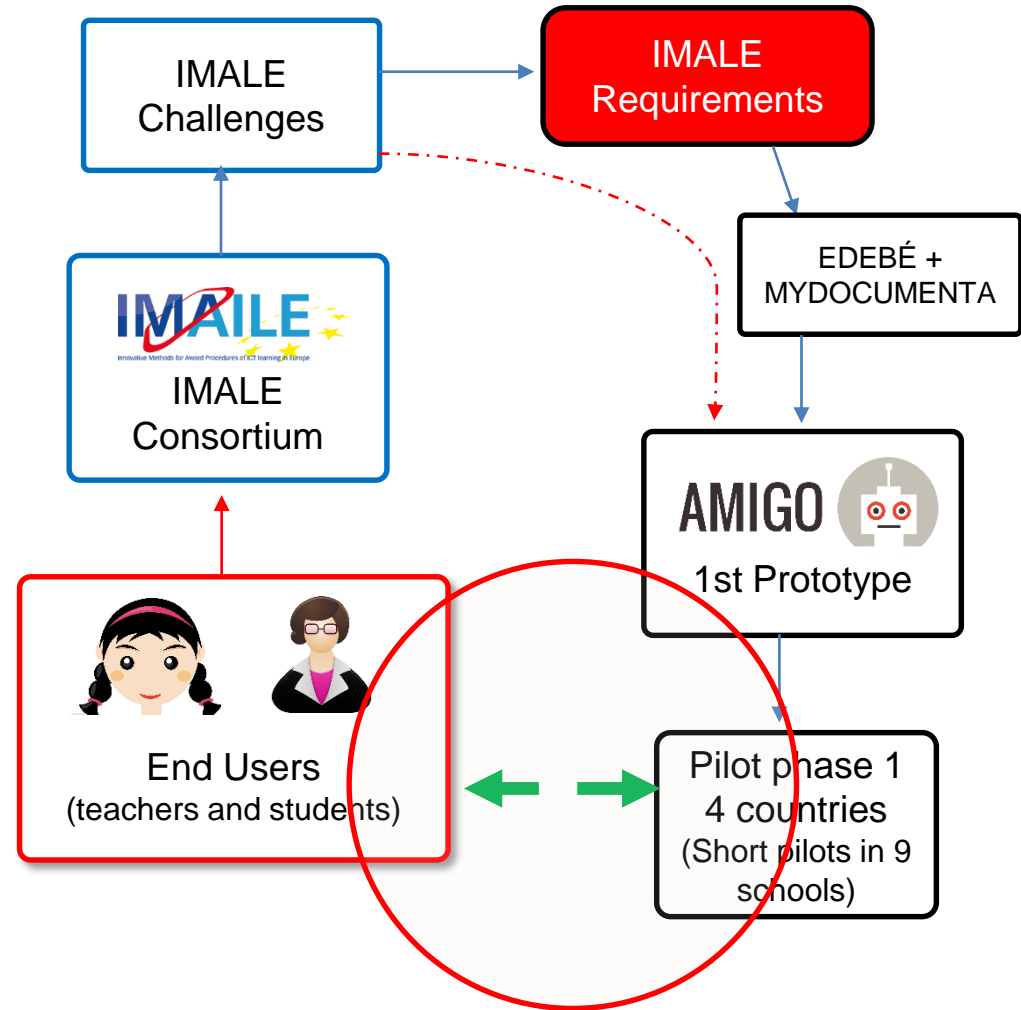
This it was also facilitated by the 3 steps selection procedure.





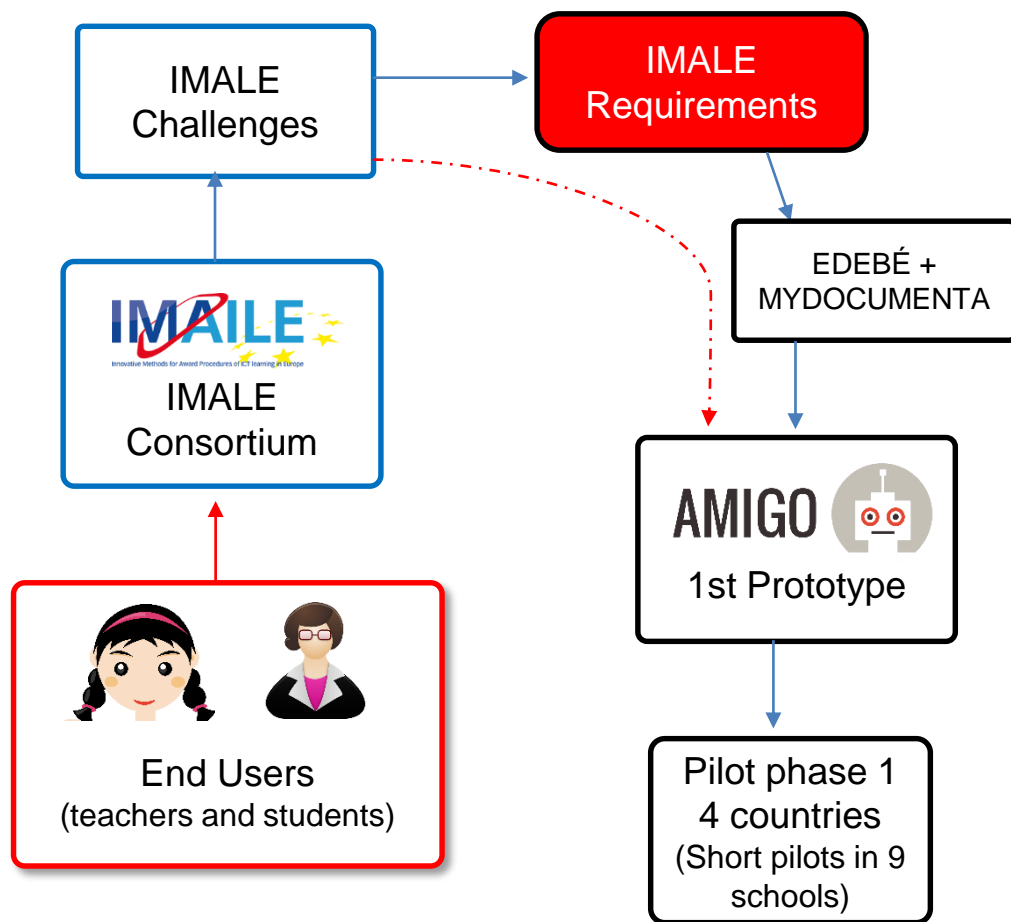
IMAILE consortium promoted several “feedback” situations:

- Pilots with end users
- Review of the prototype by pedagogical experts
- Meetings and demos for procurers and experts
- “Lesson learned” meetings



IMAILE consortium promoted several “feedback” situations:

- Pilots with end users
- Review of the prototype by pedagogical experts
- Meetings and demos for procurers and experts
- “Lesson learned” meetings

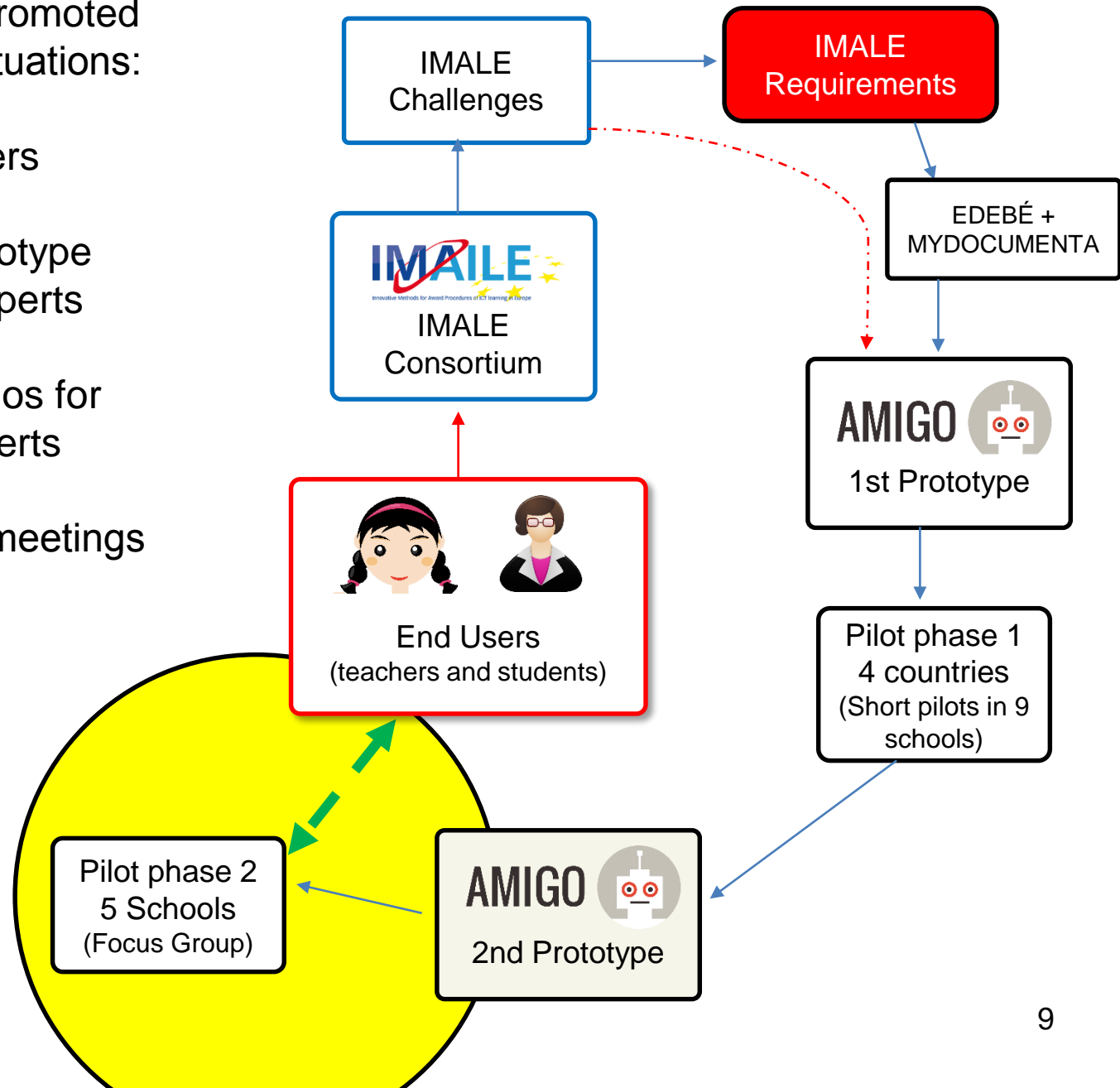


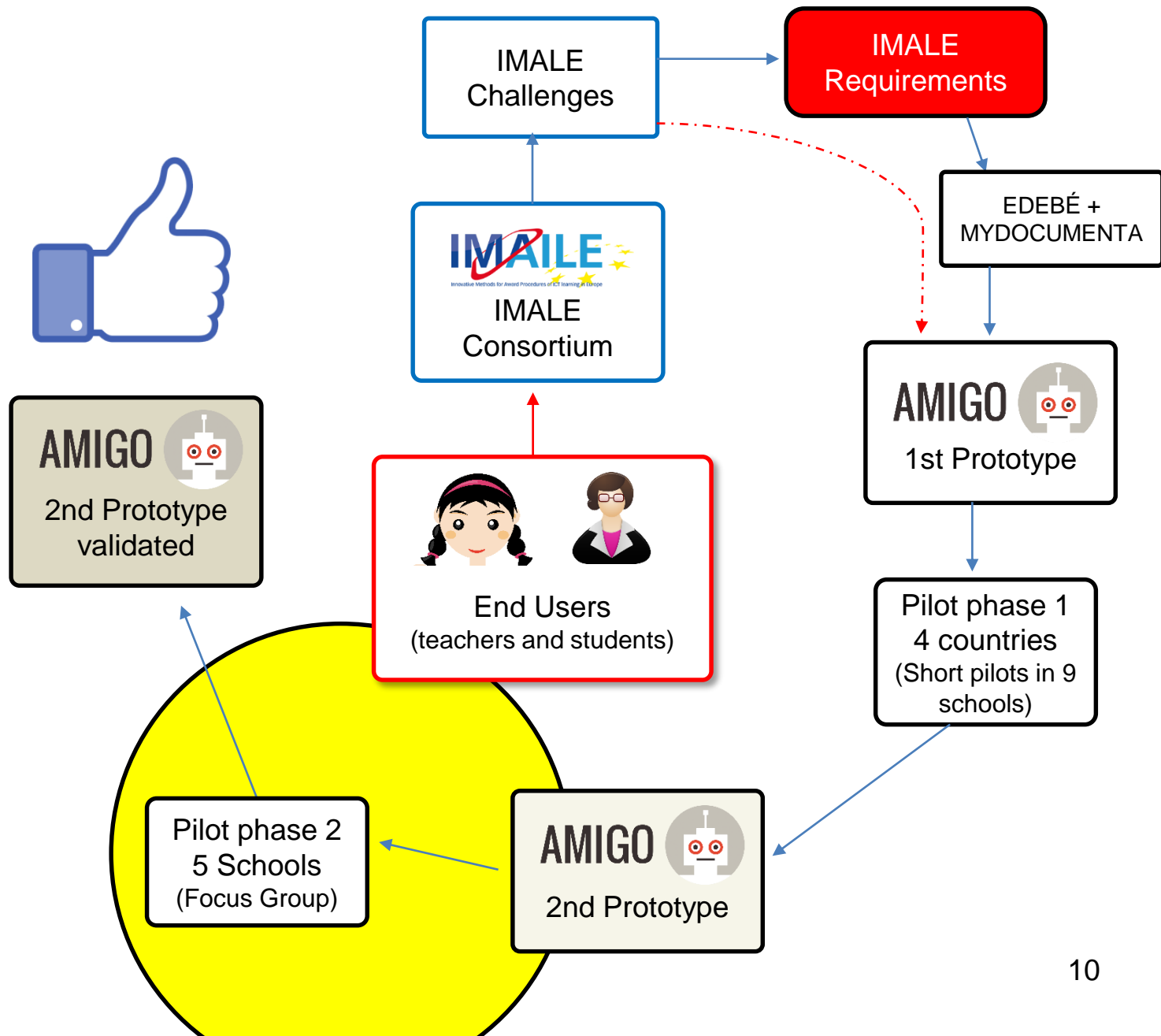
June 2017 - Meeting in Berlin between IMAILE procurers and Companies:

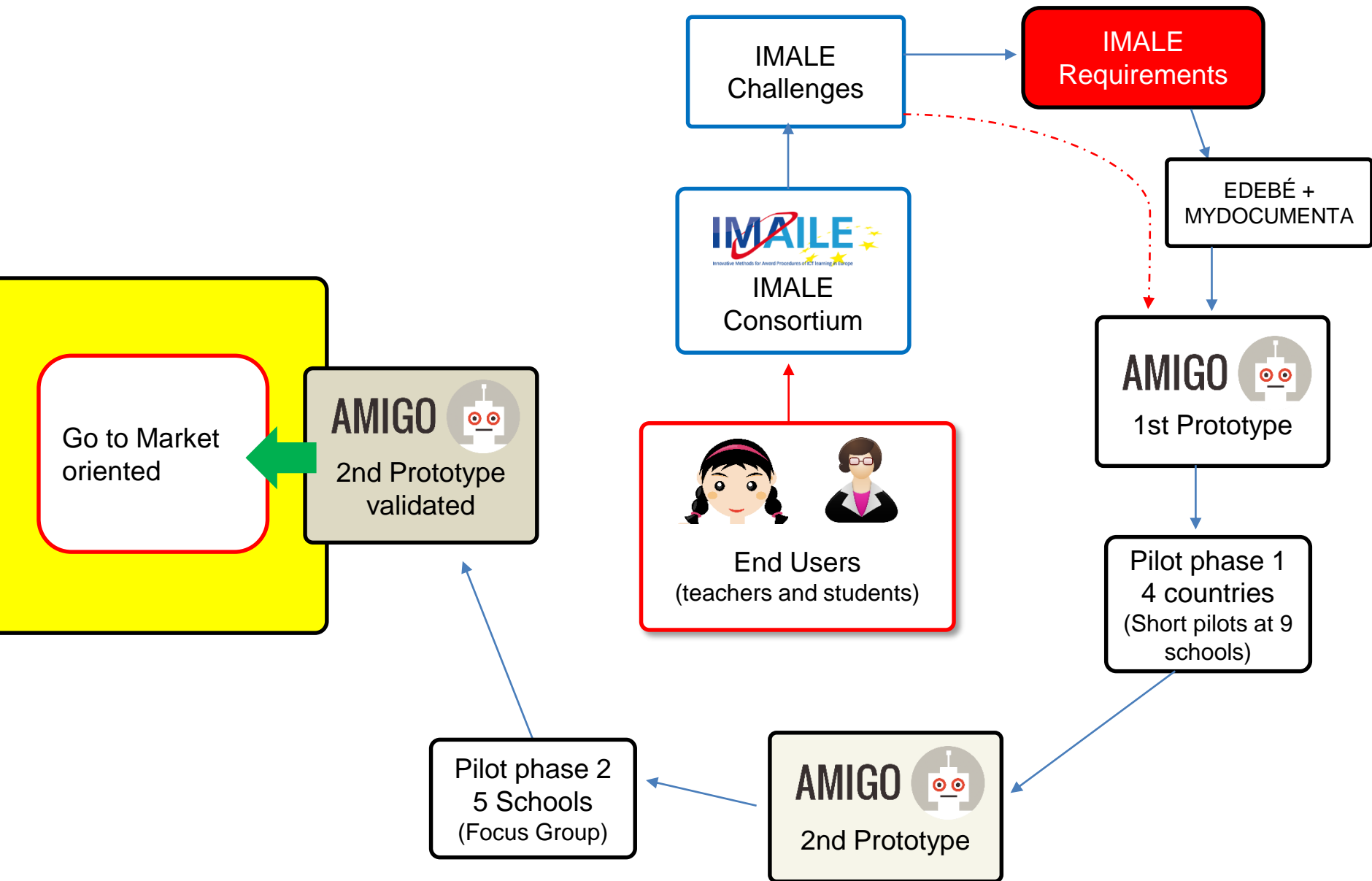
- WHAT WE HAVE LEARNED?
- HOW CAN WE IMPROVE THE RESULTS?
- HOW TO GATHER THE BEST EVIDENCES?

IMAILE consortium promoted several “feedback” situations:

- Pilots with end users
- Review of the prototype by pedagogical experts
- Meetings and demos for procurers and experts
- “Lesson learned” meetings







- Challenges Vs Requirements
- Dialogue with procurers
- User Driven methodology
- Go-to-market oriented

HOW AMIGO RESPONDS TO THE IMAILE CHALLENGES

Challenges



CHALLENGE 1: SAVING TEACHER'S TIME

CHALLENGE 2: INCREASE STUDENTS' STEM MOTIVATION

CHALLENGE 3: SUPPORT PERSONALIZED LEARNING APPROACH



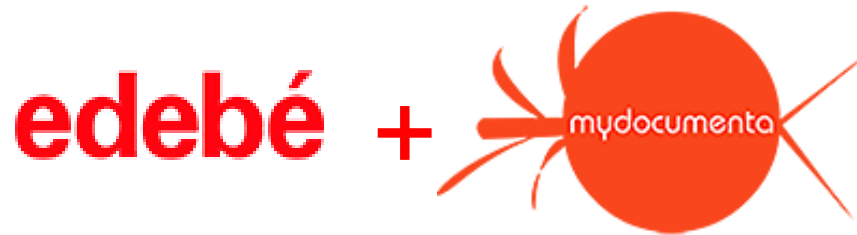
CHALLENGE 4: SUPPORT STUDENTS WITH SPECIAL NEEDS

CHALLENGE 5: SUPPORT THE DEMAND OF STEM PROFESSIONALS

CHALLENGE 6: A SPACE THAT HELP EARLY SCHOOL LEAVERS

Etc.

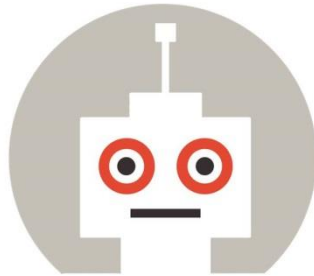
AMIGO is the answer of EDBE and MyDocumenta, two Spanish leading and innovative educational companies to respond to the IMAILE challenges:



AMIGO provides the robustness of consolidated solutions, used by hundreds of thousands of students and teachers, with the R&D and innovative features developed under the IMAILE project through an User Driven Methodology.

AMIGO

smArt steM learning
ecOsystem



Stem Dashboard



Contents



Classroom



Life Long Learning
Eportfolio



Authoring tool



Social Network



Users module



Learning Chart
and Analytic

SOME EXAMPLES OF HOW AMIGO FACES THE IMAILE CHALLENGES

CHALLENGE 1: SAVING TEACHER'S TIME

It saves time for lesson Planning and content creation

- Sandra has available a big resource library and Access to third party resources.
- Sandra can easily create a unique lesson structure and reuse it to for new lessons
- She can share and reuse lessons and contents of other teachers

Lesson Grading

- Automatic evaluation from tests of each lesson. She just has to finalise the correction
- Sandra receives automatic alerts from each student to see their performance and learning progress.
- Based on the ITS, each student receive automatic reinforcement activities to pass grade a lesson.



Sandra Arvidsson, secondary school science teacher, Söndrum School, Halmstad.



CHALLENGE 2 - INCREASE STEM MOTIVATION



Thanks to the STEM dashboard and the Analytics, Sandra can easily identify the interest and preferences of the students in terms of formats, contents, etc., and improve her lessons consequently.

The large variety of tools provided by AMIGO it allows Sandra to diversify her lessons, promoting curiosity and the use of skills and knowledge in different learning context.

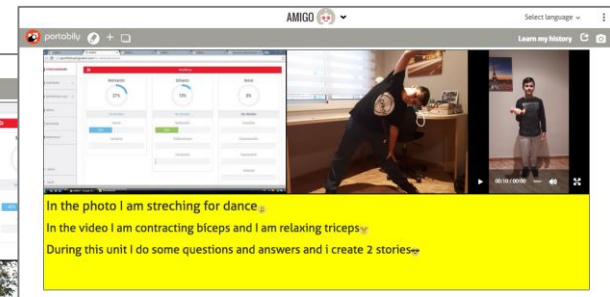
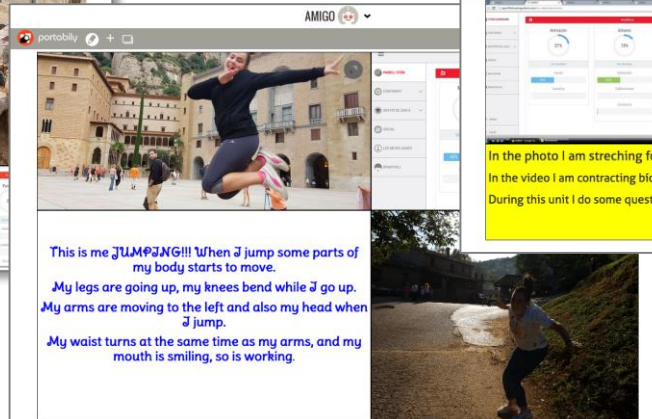
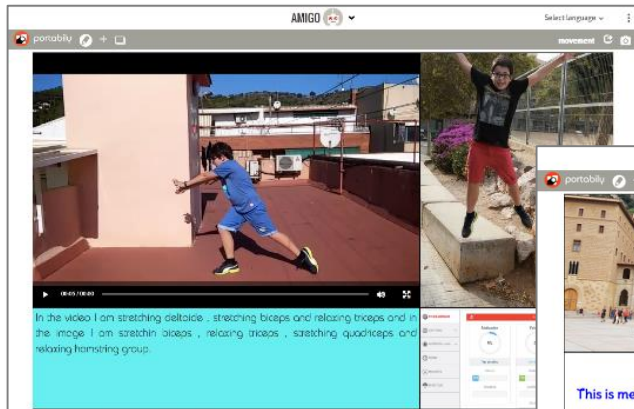
Some first results

- The use of optional multimedia elements has increased a 300% from the first lesson to the second.
- The Social activity has increased a 70% from the first to the second lesson.
- The tools provided by AMIGO are used by the students also in extra scholar context and activities. [Link to the ePortfolio](#)





Promoting students' **creativity** and the use of **multiple languages** to express themselves and their knowledge.



CHALLENGE 3: PERSONALIZED LEARNING APPROACH

Historifying the learning process.

- AMIGO promotes and facilitates a vision of the learning process, where the students have a very active role.
- Integrating the different inputs from the platform in a unique and dynamic view of the student's learning process.
- Promoting self reflection and metacognition.
- The combination of ePortfolio and Learning Analytics is key factor in that process.



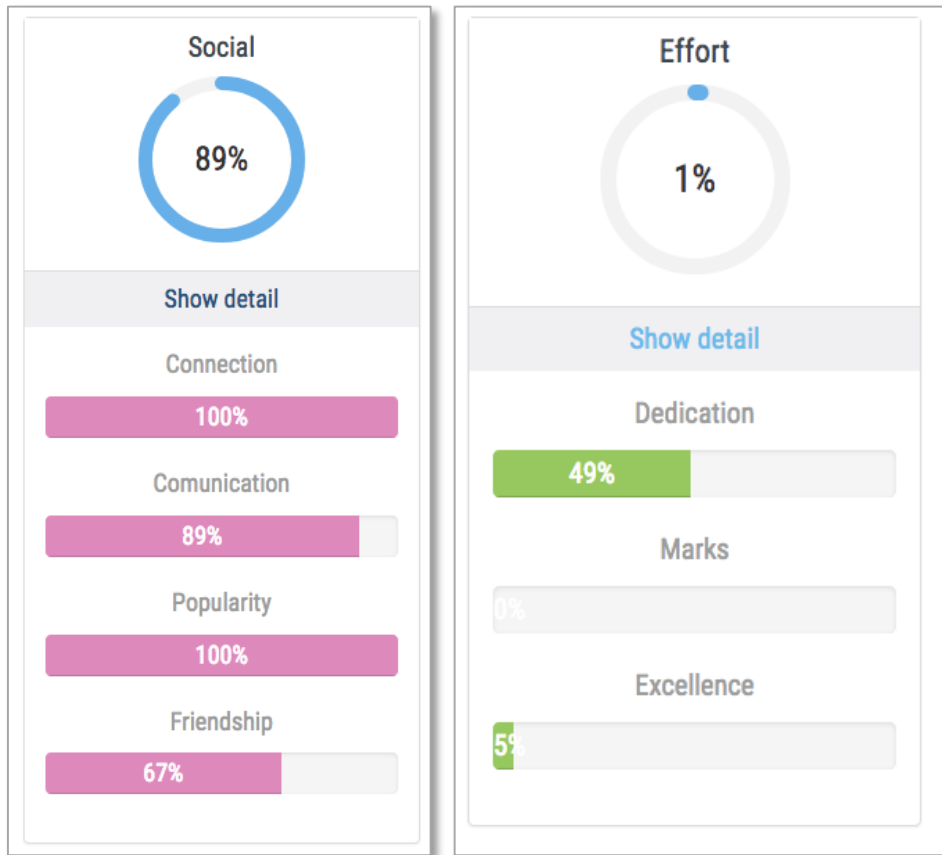
Promoting communication

- Promoting 1 to 1 interaction
- Promoting peer tutoring and assessment (private consults tool, multimedia messenger, etc.)
- The “Peer tutoring alert” provides students with suggestion to which colleague could better help them in a specific topic or task.



CHALLENGE 4: SUPPORT STUDENTS WITH SPECIAL NEEDS

The **indicators** and **Alerts** provided by the AMIGO Learning Analytics Engine allow teachers to **detect** students' weakness and difficult and **take better decisions** to design a personalized learning pathway.



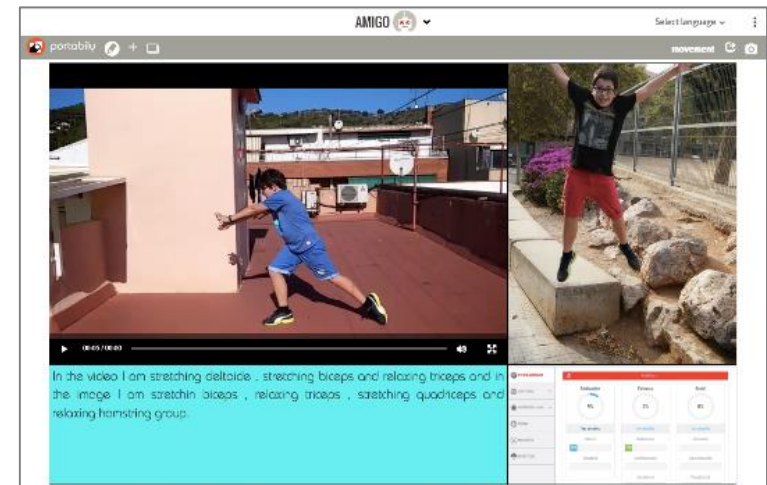
Effort's indicators (time dedicated to lessons, contents and tasks, tasks completed, etc.) allow teachers to detect students' paths and behaviors related to:

- Concentration (time spent on the lesson, tasks, etc.)
- Capability to follow a logical path on the lesson
- Attention

Social activity Indicators help teachers to detect lack in social skills

- Social participation of the students to the learning process
- Ability to generate Dialogue
- Ability to establish relationships

- The **unique structure of the AMIGO Lessons** helps students with Special needs to maintain their concentration, helping them to follow the different steps in the logical order of the lesson.
- **Promoting Creativity and Multimodality.** The use of multiple language is a powerful support to students with language disorders (Dyslexia, etc.):
 - It helps students to express themselves in alternative way than oral or written
 - It support teachers to evaluate students behind oral and written language.



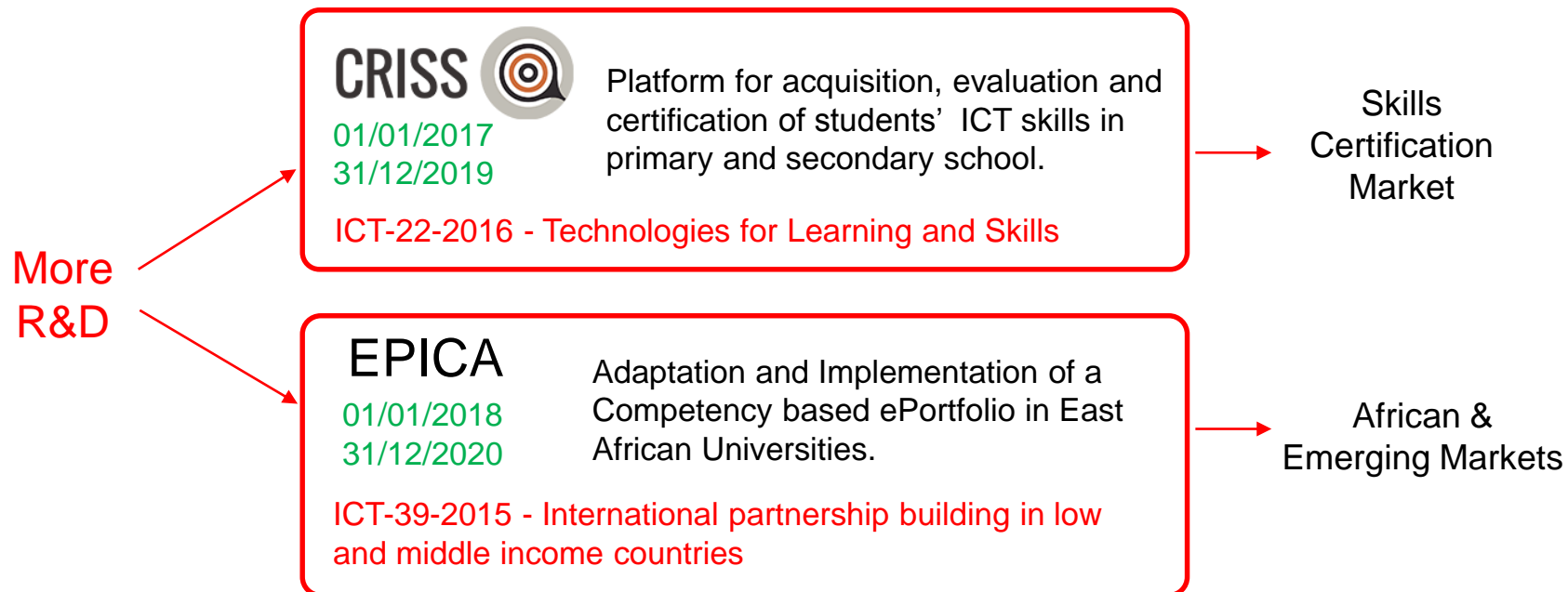
<http://portability.mydocumenta.com/preview10432>

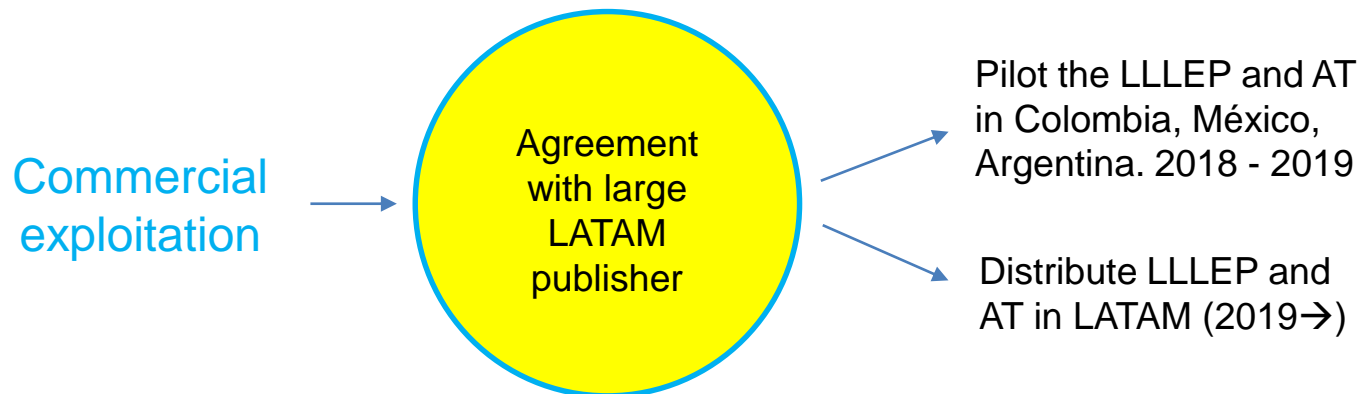
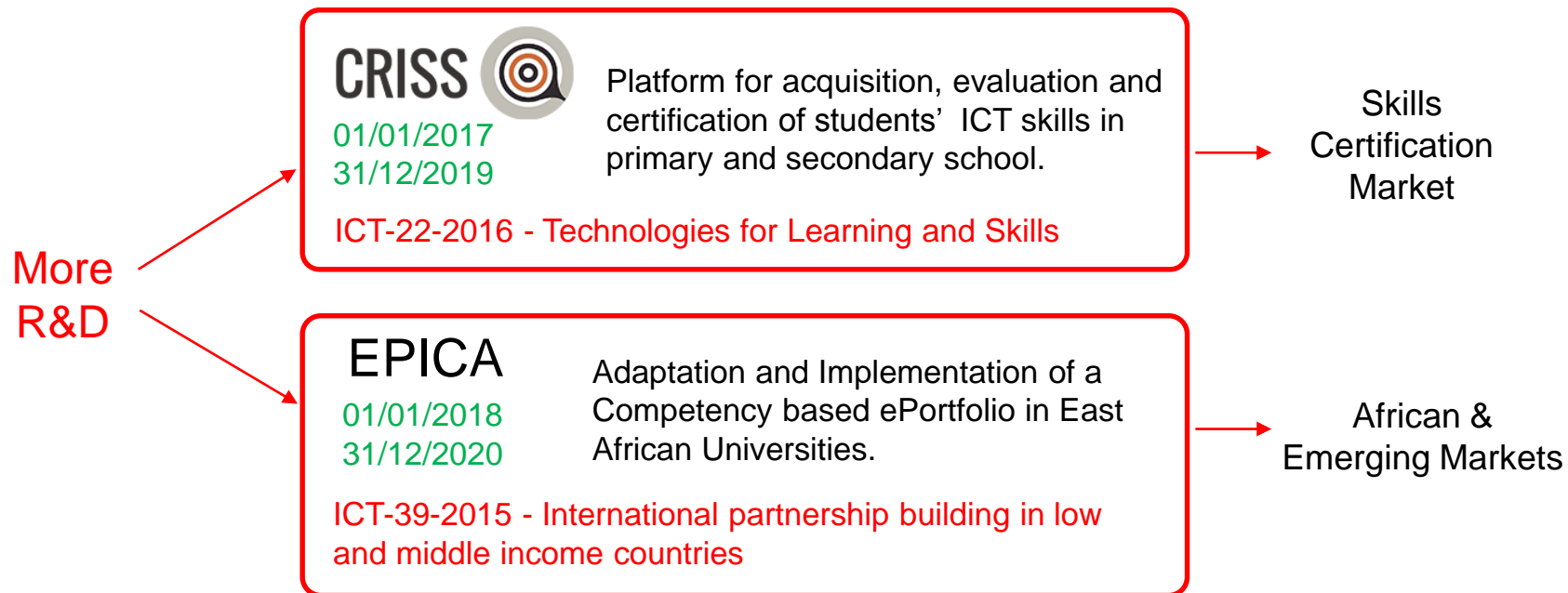
The IMPACT of IMAILE
on companies ' R&D and
market strategy.

The main line of exploitation goes around the following:

1. **New features and a better product for existing users/new customers**
2. **New business incomes**

| Main result | Exploitation foreseen | Impact on the company |
|---------------------------------|---|---|
| PLE | The new PLE design, usability and scalability achieved during AMIGO will be used for the new digital offering of EDEBE. | Increase product reputation. Increase content sales. |
| Social network and Gamification | The social network and gamification modules are being implemented in the new digital offering of EDEBE | Increase product reputation. Increase content sales. |
| ITS & Analytics | The ITS & Analytics module gave a first insight on the possibilities of integrating the PLE with new technologies and capabilities. The exploitation foreseen is the preparation of structured content that can be integrated and adapted to ITS products already in the market or used in schools. | Increase product reputation. Increase R&D activities. Increase pedagogical assistance. Increase content sales. |





Andrea Contino, co-founder of myDocumenta
andrea.contino@mydocumenta.com



Co-funded
by the European Union

IMAILE – 619231: This project has been funded with support from the European Commission in the context of the Seventh Framework Programme.
<http://www.imaile.eu>

Andrea Contino, co-founder of myDocumenta
andrea.contino@mydocumenta.com

Thank you very much

AMIGO CONSORTIUM is formed by the companies

