



IMAILE in a nutshell and our Challenge

The IMAILE project www.imaile.eu is the first PCP (pre commercial procurement) project on EU level within the sector of Technology Enhanced Learning. The project is challenging the industry and market to provide the following user driven innovation:

Common PLE definition in IMAILE

The IMAILE Personal Learning Environment (PLE) for STEM is an adaptive, accessible, and easy to use solution providing smart services for the realisation of personalised learning including individualised learning paths, support of different learning strategies, and intelligent tutoring for primary and secondary schools. The IMAILE PLE for STEM shall offer a single access point to repositories of freely available learning content, learning apps, services and tools for STEM education through the application of open standards. Through the provision of own communication and collaboration functionalities and the integration with widely used social media pages, the IMAILE PLE enables students to learn, share and interact with their friends, teachers, and other stakeholders such as their parents. The IMAILE PLE supports bring your own device (BYOD) through the provision of a device and operating system independent solution, and lifelong learning through the integration of an ePortfolio solution. Overall, the IMAILE PLE for STEM provides a highly motivational environment for formal and informal STEM education.

This publishable summary provides information of achievements during the projects second year

PCP Methodology applied

IMAILE has developed the following PCP methodology and year 2 contains step 2-4

1. Phase of needs assessment (the customer needs - buyers group is always in priority)
2. Market consultation (our information, communication and dialogue with suppliers)
3. Launch PCP call for tenders
4. PCP phase (3 stages) IMAILE PLE solutions assessment strategy and scores
5. Standardization and evaluation of PCP and solutions

Project work and achievements year 2

Market consultation June – September 2015

In order to analyze the market properly the following agreements were made: Challenge Brief, STEM definition and Innovation Gap.



Challenge brief description summary

| Challenges and expected impact | Identified content |
|---|--|
| Pedagogical Challenges <i>Direct impact</i> | Challenge 1 - Full implementation of personalized STEM learning approach for all students including SEN(special education needs) support Challenge 2 - Increase STEM motivation/ students results using technology enhanced learning |
| Technical Challenges <i>Direct impact</i> | Challenge 3 - Technology applicable to all devices , Interoperability and scalability of innovative digital solutions |
| Societal Challenges <i>Indirect impact</i> | Challenge 4 - Labour market and increased demand of STEM professionals 2025 Challenge 5 - Costs and risks of Early school leavers for EU Member States |

STEM

STEM Scope of the IMAILE Project

While STEM stands for Science, Technology, Engineering and Mathematics, the IMAILE project will focus on the aspects of Mathematics and Science and more particular Mathematics, Biology, Chemistry and Physics. This is based on the availability and comparability of these subjects and related topics within the procuring countries as well as on the reduction of complexity. Within the IMAILE Project, STEM should thus be understood as subjects and topics related to Mathematics, Biology, Chemistry and Physics.

IMAILE Innovation gap

With our identified/ agreed challenges and a common project definition of STEM according to our curriculums we initiated a tour to meet the suppliers to confirm and verify our identified Innovation gap. The meetings took place at several industrial stakeholder events in Europe and we also used a tool called Request for Information (RFI) that was launched twice in order to get a complete market picture. After a sound research and analysis we came up with the conclusion that stated that IMAILE is a PCP project where solutions we look for lack on the market 2015

Summarized, the meaningful data, functional and user interface integration of different technologies and features as well as the integration and further development of features related to personalization of learning, integration of STEM content, metacognition, interoperability, and intelligent tutoring system represents the gap between the currently available solutions on the market and the envisioned IMAILE PLE for STEM.



Promoting the call

In order to engage suppliers to our PCP call which is a new instrument for the Technology Enhanced learning market and section the following actions were made:

A specific strategy for the call promotion was developed to support partners in their activities by

- giving a specific approach to promote the call;
- introducing the dissemination instruments available for this period;
- identifying the appropriate dissemination channels;
- presenting a clear time table;
- identifying tasks and responsibilities of all partners in this activity.

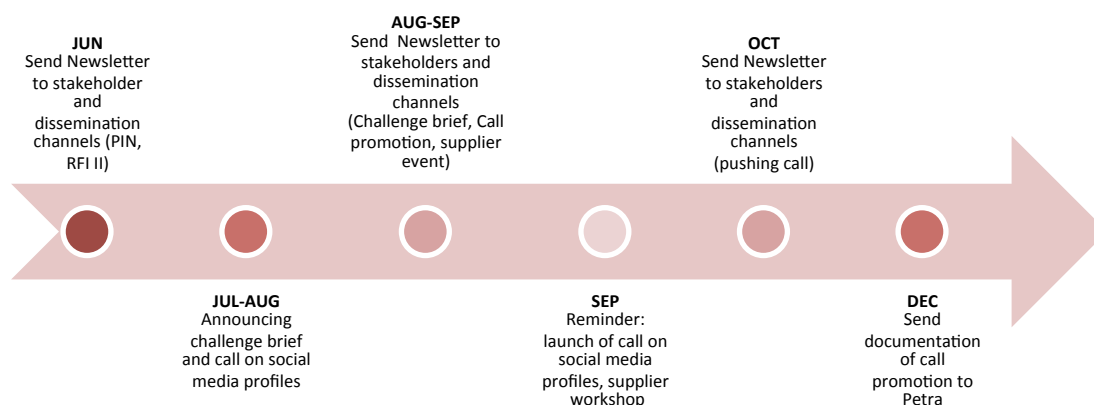
The approach was presented in two different stages:

- Promotion activities before launching the call
- Promotion after launching the call

The focus on the dissemination action was given to suppliers but also the other stakeholder groups have been considered in this promotion phase. Therefore, each partner received a task list with allocated networks and dissemination channels to approach and a clear time table was provided to all partners. All partners named one person as coordinator of the call promotion within their organisation. This person was in charge of allocating tasks among involved staff colleagues and represented the main contact for WP7 leader and coordinator during these activities. This person was also responsible for the documentation of the call promotion activities.

Furthermore, a specific group (FI-University, HU, AT) identified additional networks and suppliers (+1000) to be included in the promotion process. The full list can be found in the annex.

The call promotion schedule for partners followed the overall timetable of launching the call and was adapted according to changes in the overall process.



On the Imaile website under the public tender section a specific registration system was installed to access and document the download of the ITT documents.



In the related period 117 registrations for download were counted.

Dissemination instruments used for call promotion

- Website
- Social media: regular updates, space for supplier exchange and consortia building
- Supplier portal providing continuous updates and announcements on all activities
- FAQs: supplier questions have been collated and then been published each week on the website
- Call documents at public tender section: registration tool to access the ITT documents for download
- News and events: continuous updates, announcements and reports on activities and events
- Newsletters (13 to suppliers): Jun, Jul, Aug, Sep, Oct 2015 and Jan 2016
- Newsletter topics: RFI II, PIN, Announcing call, PCP process, promoting FAQ section and FAQ process, supplier events, challenge brief, LinkedIn as communication platform for suppliers, Launch of call, Download documents, PCP stages
- Supplier Info Pack
- IMAILE Brochure
- Presentations for supplier events: ppt, recorded presentation
- Industrial workshops
 - EC TEL in Toledo (Sep 2015) – industry track workshop
 - Halmstad, SE (Feb, Oct(cancelled) 2015)
 - Viladecans, ES (Oct 2015)
 - Hämeenlinna, FI (Apr 2015)
 - Hannover , DE (Mar 2015)

Photos Industrial workshops and meetings



Industrial workshop for Swedish suppliers Halmstad, Ellinor Wallin Project manager





EC TEL conference main industrial workshop September 2015 Philip Holtkamp Technical manager

Launch IMAILE PCP call for tenders preparation April – October 2015

The legal/ contractual and PCP regulating aspects were prepared in order to launch the PCP call for tenders. The complete documentation is called Invitation to Tender (ITT) with 14 annexes and among them:

1. The Challenge Brief
2. Tender form for applicants
3. Guidance for applicants using the tender form
4. Framework agreement
5. Phase Contracts – work order
6. Assessment criteria and Scoring model
7. Progress interim report template
8. End of phase report and services offer for upcoming phase template form
9. Guidance for the evaluation panel and assessment sheets

IMAILE project got support from several PCP experts and authorities in order to get the PCP aspects of the complete documentation correct.

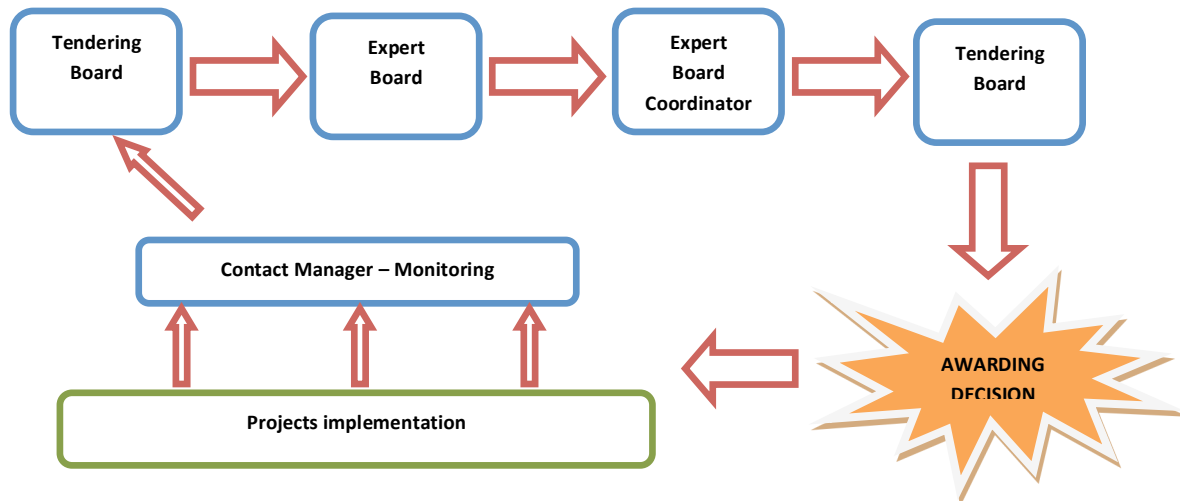
Evaluation methodology

As another preparation before launching the call the consortium developed a methodology in order to evaluate and assess the bids and offers received both during the open call for tenders as well as awarding suppliers between phases. The evaluation process consists of different boards and functions:

- I. Tendering board (procuring entities)



- II. Expert board (external experts and local assessors) who monitor development of pedagogical and technical aspects
- III. Contract manager who follows up the contracts and commercial aspects.
- IV. Test and reference groups (end users - students /teachers who will be involved in phase 3)



IMAILE launch of PCP call and awarding suppliers to Phase 1

1 of October the consortium launched the PCP call on TED leaving the invitation open during 3 months. 12 bids were received composed by both single suppliers or consortium of suppliers.

Out from the first selection the following suppliers / projects were awarded to phase 1:

- Finpeda Oy Consortium with <http://www.iop.org/> and <http://www.adminotech.com/> - Finland / UK
- Almerin Personal learning environment (one supplier) – Finland
- IMC informations multimedia communications AG Germany Consortium with - École Polytechnique Fédérale de Lausanne, Switzerland Universiteit Twente, Netherlands, Ellinogermaniki Agogi Scholi Panagea Savva AE, Greece
- Digiloket (one supplier) – NL
- THR AMIGO 3 partners <http://www.edebe.com/>
https://gust.com/companies/documenta_creaciones_multimedia_avanzadas_sl and <http://www.gradiant.org/> -ES
- Sunstone Technologies (one supplier) – FI
- Linfre Education – (one supplier) SE



Upcoming work during year 3

The project will award the suppliers for phase 2 in April/ May 2016 and invite them to initiate the development of prototypes of innovations and demonstrate them to the procurers. By the end of year 3 the second phase will come to an end and the awarding of phase 3 suppliers will be implemented.

Several actions upon to involve and communicate the accrued IMAILE process knowledge and intermediate results to wider policy and political audience is going to be in focus. If you are a public /regional / national authority with interest to learn about PCP within Education please contact the project with an invitation and we are happy to visit you and share our experiences so far on the PCP instrument.

Project acronym: IMAILE

Project title: Innovative Methods for Award procedures within ICT Learning in Europe

Grant Agreement number: 619231

Project co-funded by the European Commission,
Seventh Framework Programme

Funding Scheme: FP7 – CP –CSA CALL 8.2.A

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Further information

<http://imaile.eu>



Customised
Creative learning

Innovative teaching
Focus on true pedagogical needs

