



# FAMT&L FORMATIVE ASSESSMENT IN MATHEMATICS FOR TEACHING AND LEARNING

Work Package 7 - Dissemination

**Deliverable D7.5– Dissemination Prize** 

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Target languages	English				
Description					
This document outlines the event organized within the actions of WP7, which consists in a Dissemination Prize.					

# **Executive summary**

This document will outline the event organized within the actions of WP7 (and realized during the Final Conference WP8). This event consists in a Dissemination Prize that will be awarded to digital material, tool, practice or video among those collected in the WP5.

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# About the document

Among the different ways of communications used to better address target groups, a particular event will be organized during the WP7 (and realized during the Final Conference WP8), and consisting in a Dissemination Prize that will be awarded to digital material, tool, practice or video among those collected in the WP5. This activity will also allow to contact schools to promote project's results.

# 1.The Competition

The competition is another action for the projects' dissemination, because through the competition the schools had the opportunity to learn about the FAMT&L project and its actions. Teachers of the local schools in each country became aware about Formative Assessment techniques and they express interest to participate in the competition. In order to submit their participation in the competition, the teachers had the opportunity to visit the website of FAMT&L and find information about the project and the competition.

As regards the process to define the regulations of the competition, UCY as the leader of the WP7, prepared some regulations and then the rest of the partners provided feedback to UCY. In this way, the final regulations of the competition were defined. The regulations of the competition are described below.

The product for the competition should be a short video (max 5 minutes) of a teacher (and students) either providing a definition of formative assessment, presenting a formative assessment technique or presenting a specific situation of formative assessment in the classroom.

The participants could be secondary education math teachers from public and private schools (not only the participants in the training). Each participant would be representing his/her school.

The regulations of the competition were the following:

- Each video will have to be uploaded on the competition website (to be developed).
- Each country will select the best 2 without ranking.
- All the selected participants' videos from each country will be judged in the semifinal stage from the Jury.
- The Jury will announce the best 3 without ranking.
- The 3 finalists will be invited in the final seminar in Bologna for presenting their product video. There will be stage performances for the 3 finalists in the final conference in Bologna, against the jury.
- When all videos are presented, the Jury will announce the First, Second and Third Prize.

- Prizes for the three finalists will be:
  - o First Prize: 500€ (Lab-top computer (or tablet) and Video projector and certificate of success )
  - Second Prize: 300€ (Video projector and certificate of success)
  - o Third Prize: 200€ (Lap-top computer (or tablet) and certificate of success).
- All the 3 finalists will receive a number of non-monetary prizes: i.e. mathematics books, and magazines, t-shirts, pens, etc.

The Jury consisted of formative assessment experts, Mathematicians and Educators from Secondary Education System. There was one member from each partner country. Each member did not have the chance to vote for a participant of his/her country in the finalist selection.

The FAMT&L Competition was realized during the final conference held in Bologna, Italy on the 25<sup>th</sup> of November 2016.

# 2. For promoting the FAMT&L Competition

All partners took necessary actions in order to ensure that schools and students from each country were aware of the possibility to participate in Competition.

There promotion and dissemination activities included:

- Creation of the competition website (a separate page in our website/ www.famt-l.eu)
- Web announcements on various websites: i.e. Universities, organizations etc.
- Direct emailing and mailing to the databases of Secondary schools in the 5 countries.
- Announcements (leaflets / flyers) sent to the Secondary Education
   Departments of the Ministry of Education and Culture of the 5 countries.
- Social networks: i.e. Facebook, Twitter,
- o Printed material: i.e. leaflets, posters etc.
- Distinguished scientists were invited in the awards ceremony to interact with the finalists and provide useful insight and advice.

### 2.1. The flyer of the competition

A flyer was prepared for promoting the FAMT&L Competition (Figure 1). The flyer was prepared at first in English and was then translated to each partners' language. It includes a description of the aims of the competition and the regulations about the participants, the product, the prizes and the important dates. In the flyer there is a

citation to the projects' website and in particular to the page created for the competition (<a href="http://www.famt-l.eu/competition/">http://www.famt-l.eu/competition/</a>), in order to access more information about the regulations and important dates.

The flyer was send by all the partners (be e-mail or hard-copies) to all the secondary schools, in order to reach the secondary mathematics teachers.

#### FAMT&L COMPETITION

The FAMT&L competition aims to enhance the creativity of math teachers by encouraging them to use mathematics in an innovative way of expression and communication through Formative Assessment. By creating small situations of Formative Assessment in mathematics classrooms, the objective of the FAMT&L competition is to raise math teachers' aspiration and stimulate their interest towards the implementation of Formative Assessment techniques and practices.

The **participants** could be secondary education math teachers from public and private schools. Each participant will be representing his/her school.

The product should be a short video (max 12 minutes) of a teacher (and students), presenting one of the following situations:

- providing a definition/ a description of Formative Assessment with any means (i.e verbally, using pictures, diagrams or other representations, with movements e.t.c)
- proposing and describing a specific Formative Assessment technique to be used in mathematics teaching
- presenting a short episode of the implementing Formative Assessment in classroom, in which a particular technique is used.

#### Prizes

- First Prize: 500€ and certificate of success.
- Second Prize: 300€ and certificate of success.
- Third Prize: 200€ and certificate of success.

The prizes will be given as equipment and material to be used in the winners' schools (such as computers, tablets, interactive white boards e.t.c).

IMPORTANT DATES		
First call of the competition	25 <sup>th</sup> April, 2016	
Second call of the competition	16 <sup>th</sup> May, 2016	
Submission deadline	2 <sup>na</sup> October, 2016	
Notification to 2 selected participants from	15 <sup>th</sup> October, 2016	
each country		
Notification to finalists	30 <sup>th</sup> October, 2016	
Launch of the competition (in Bologna, Italy)	25 <sup>th</sup> November, 2016	

More information about the regulations and important dates can be found at our projects' website: <a href="http://www.famt-l.eu/competition/">http://www.famt-l.eu/competition/</a>



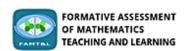




Figure 1. The flyer of the competition

## 2.2. The Website

In addition, in the website of the project a page about the Competition (<a href="http://www.famt-l.eu/competition/">http://www.famt-l.eu/competition/</a>) which is included in the Dissemination actions of the project is available. Each project partner has its own page with regulations and submission form, in the corresponding language (Figure 2).

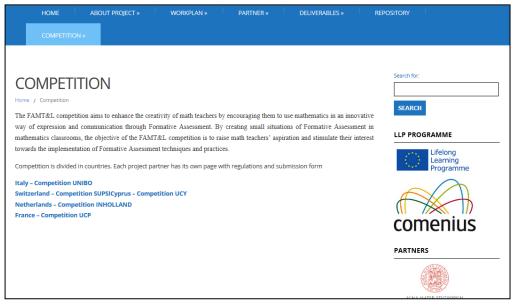


Figure 2. Website of the project about the Competition

# 3. Procedure towards the WINNER of the competition

# 3.1 Participations in the FAMT&L Competition

In the competition seven participants participated in total. These participants came from Cyprus, Swiss, Netherlands and Italy. French partners didn't participate in the competition, because nobody of the French teachers prepared the needed video for the participation in the competition. As regards the rest partners, there were four participants from Cyprus and the other three participants came from Swiss, Netherlands and Italy each one. At the final stage, the research team of the Cyprus selected only one video of the four participants, in order all the partners to have only one participant from their country.

#### 3.2 Prizes

There were four prizes for the competition, so each participant could gain a prize. Italy didn't want to the procedure of selection the finalists, because as the Italian team argued their video didn't show the concept of formative assessment clearly. Thus, Italian participant got the fourth prize, which was a tablet. For the rest three participants, a voting procedure was conducted.

As regards the prizes for the three finalists, there were two laptops for the first and the second winner respectively and another tablet for the third winner.

#### 3.3. Selecting the winner participant-Procedure of the voting

The selection of the winner in the competition and the other finalists was conducted in the final meeting in the 24<sup>th</sup> of November, a day before the final conference. In this

phase of the meeting were participated three people of team of Swiss, three people of the Cypriot team, four of the Italian team and two researchers from Netherlands. French team didn't participate in this procedure because nobody of this team came in the first day of the meeting.

Concerning the procedure of the voting the three finalists, all the people in the meeting referred some criteria for assessing the videos and then four criteria were set:

- 1. Relation to formative assessment
- 2. The role of the teacher
- 3. Effectiveness of the interaction between teacher-students
- 4. Effectiveness of the interaction between students

For each criterion the reviewers could vote from 1 (low grade) to 3 (high grade) points.

After that, each video was shown and the reviewers were voting, writing their grade in a paper such as the following:

	CYPRUS	SWISS	NETHERLANDS
Criterion 1			
Criterion 2			
Criterion 3			
Criterion 4			

The data of the voting were recorded in a word document (in the central computer) and were shown through projector (Figure 3).

#### 3.4. Finalists

After completing the procedure of voting, the finalists were:

First winner: Netherlands

Second winner: Swiss

Third winner: Cyprus

Fourth winner: Italy

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1.relation with FA
UCY 2 2 13 13213112 22
InH 3 32323233333
SUPSI 2 21333223333 30
 2.Role of the teacher
UCY 2 2 1313113113 22
InH 223322122232
                    26
SUPSI 222 332233312 28
 3. Effectiveness of interaction between
   teacher and students
UCY 2 31213213112
InH 222322212323
                    26
SUPSI 221 222333233 28
 4. Effectiveness of interaction between
   students
UCY 1 111111111111
                     12
InH 2232333333323
                     32
SUPSI 122 311113112 19
UCY 78 3°
INH 117 1°
SUPSI 105 2°
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Figure 3. Word document with votes for each participant

# 4. Final Conference

# 4.1. The day of the Final Conference

In the final conference on the 25<sup>th</sup> of November, the winners of each country were coming to Bologna. Only, the Dutch winner didn't come to receive his prize, so a researcher form the team of the Dutch partners got the prize. The other three winners participated in the final conference and they got their prize. The prizes were given to winners from the Italian partners who are the coordinators of the project, at the afternoon session of the conference.

#### 4.2. The role of the participants of the competition in the Final Conference

Three of the participants, mainly, of the teachers schools participated in the discussion which took place during the final conference in the morning session. In specific, a round table discussion was organized from Seerp de Blauw and Rob Velder (From InHolland University), which approached "The quality of FAMT&L Project. Open discussion with teachers' schools". During the discussion, an interaction between the teachers and the community of the conference was observed.