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**KU LEUVEN**

**ERASMUS+ CBHE PROJECT # 585760-EPP-1-2017-1-AM-EPPKA2-CBHE-JP**

**“CHANGE IN CLASSROOM: PROMOTING INNOVATIVE TEACHING &  
LEARNING TO ENHANCE STUDENT LEARNING EXPERIENCE IN  
EASTERN PARTNERSHIP COUNTRIES”, PRINTeL**

# **TRAINING OF TRAINERS (TOT) COURSE EVALUATION ANALYSIS REPORT**

**Results of the Evaluation Feedback Survey on ToT  
Course on “Active Learning with special focus on  
Technology Enhanced Collaborative Learning”  
Conducted in KU Leuven (Belgium)**

*12 to 16 November 2018*

**Leuven 2018**

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## INTRODUCTION

The topic of this course was Active Learning, with a specific focus on Technology Enhanced Collaborative Learning.

The participants have learned about:

- What active learning (and activation of students) actually means and why it should be stimulated
- What collaborative learning comprises and why this improves the quality of the learning experience
- How they can actually implement active and collaborative learning
- How technology could help them in achieving an enhanced learning experience

They could meet with:

- Teachers implementing active and/or collaborative learning
- Students involved in active and/or collaborative learning
- Support staff training on active and/or collaborative learning
- Researchers studying about active learning

The course included:

- theoretical sessions
- hands-on experiences and exercises
- demonstrations and on-site visits
- reflection moments

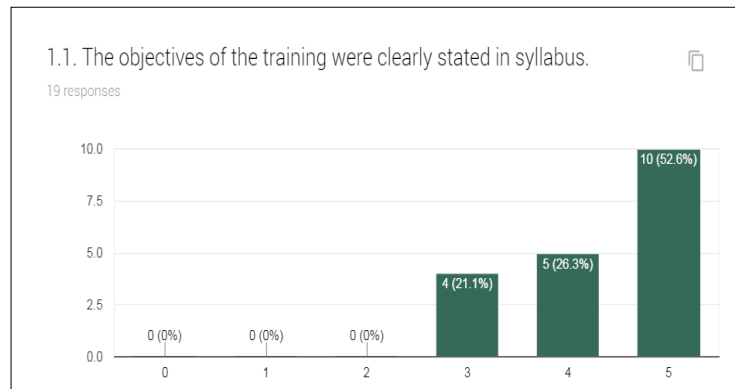
The course took place from Monday 12 until Friday 16 November 2018, in Leuven. There were 20 participants.

An elaborated syllabus, all course materials, etc. are provided through a dedicated website for this training: <https://sites.google.com/view/printel-kul/home>.

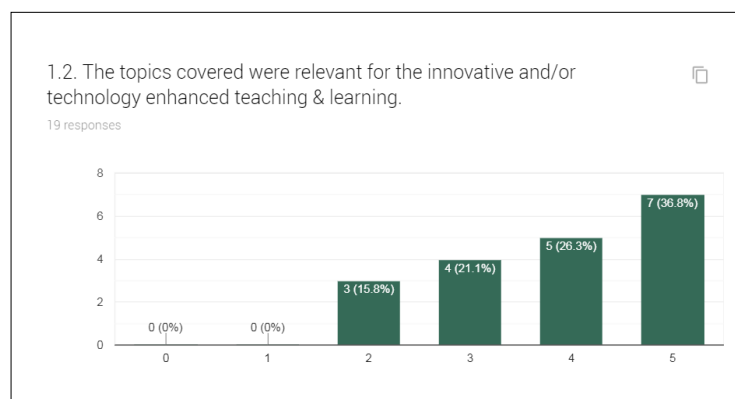
All participants were sent a link to the online survey in the week after the training (see: <https://sites.google.com/view/printel-kul/survey>). 19 participants participated in the survey, and submitted their feedback by the end of November 2018. We collected quantitative and qualitative feedback.

## SECTION-1. OBJECTIVES OF THE TRAINING COURSE

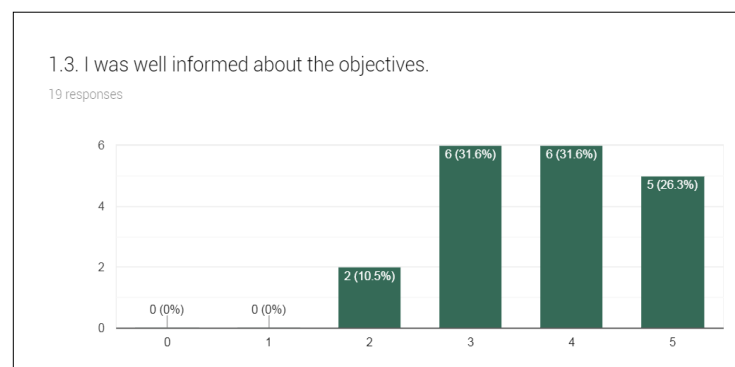
1.1. The objectives of the training were clearly stated in syllabus.



1.2. The topics covered were relevant for the innovative and/or technology enhanced teaching & learning.



1.3. The participants were well informed about the objectives.



#### 1.4. The participants' comments relating to this section.

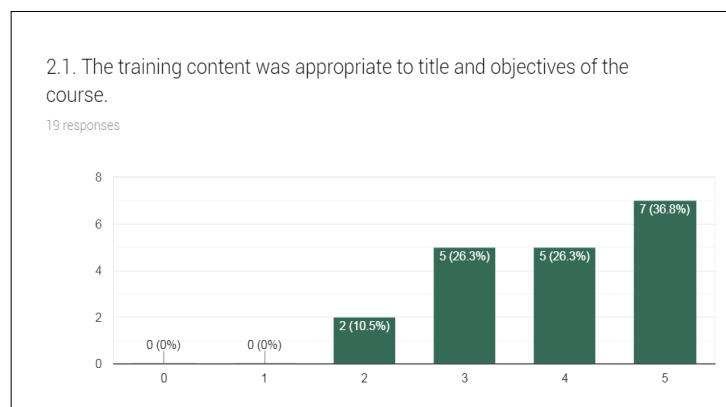
- My personal impression before the training was that it would be more sophisticated, however I was pleasantly surprised to receive a better, goal-oriented training.
- Active learning

#### **Reflection:**

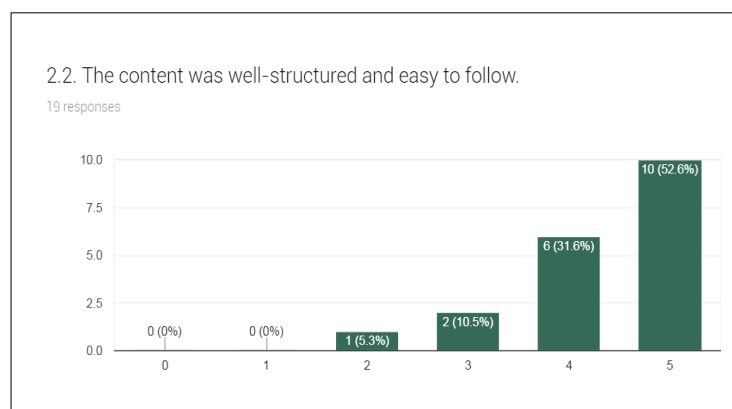
***In general we could see that the objectives of the training were according to participants' expectations. Some participants might have expected a bit more emphasis on technologies (tools), but that was not the main purpose of this training: it was all about Active Learning as an innovative approach for teaching and learning, and where appropriate we explained how technology could help in that respect. One participant mentions explicitly that this was even better than expected.***

## SECTION-2. TRAINING CONTENT

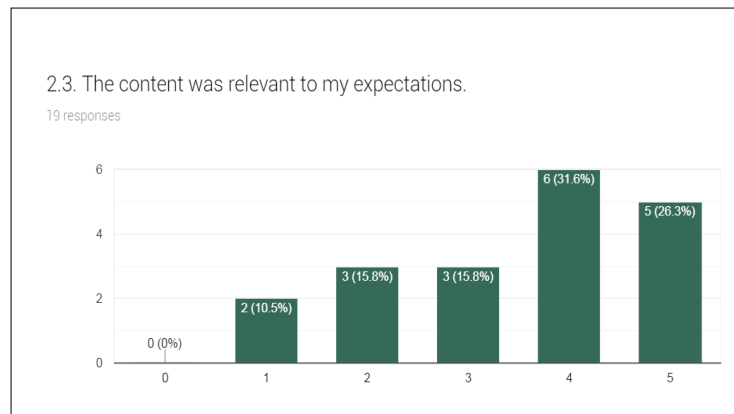
#### 2.1. The training content was appropriate to the title and objectives of the course.



#### 2.2. The content was well-structured and easy to follow.



### 2.3. The content was relevant to the participants' expectations.



### 2.4. The participants' comments relating to this section.

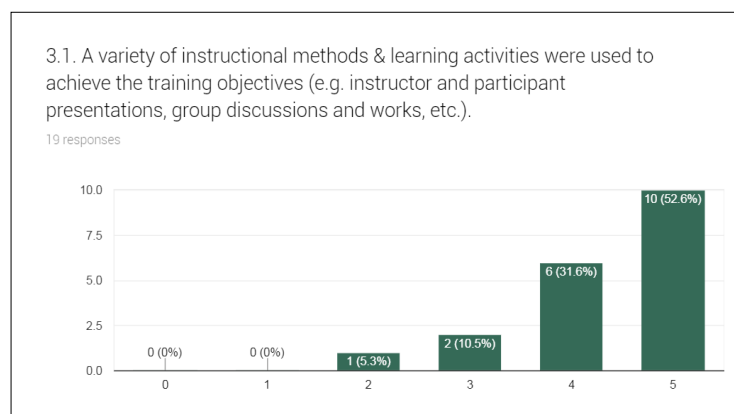
- Some parts of it actually surpassed my expectations.

#### **Reflection:**

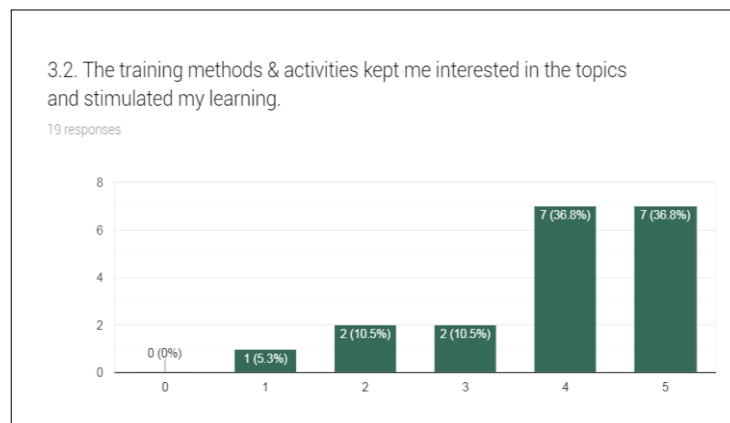
***We could repeat what is already said: the content was in line with the objectives and participants were pleasantly surprised. The participants were timely and extensively informed by communicating the project website to them, reflecting the topics and structure of the training. Every training day built on the knowledge and abilities gathered the day before + skills were trained daily by using an active learning approach.***

## **SECTION-3. QUALITY OF THE INSTRUCTION**

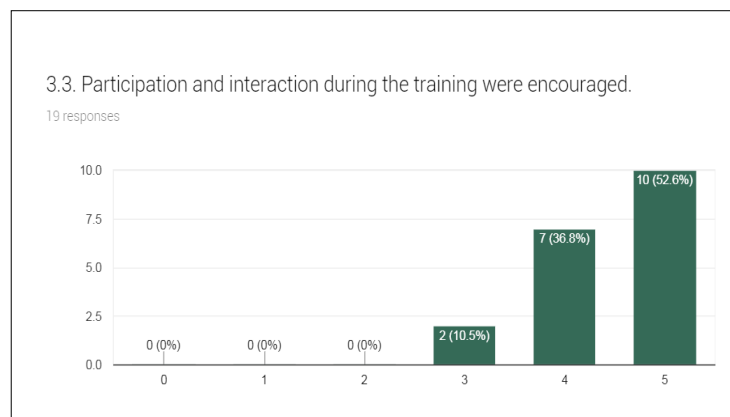
### 3.1. A variety of instructional methods & learning activities were used to achieve the training objectives (e.g. instructor and participant presentations, group discussions and works, etc.).



3.2. The training methods & activities kept the participants interested in the topics and stimulated their learning.



3.3. Participation and interaction during the training were encouraged.



3.4. The participants' comments relating to this section.

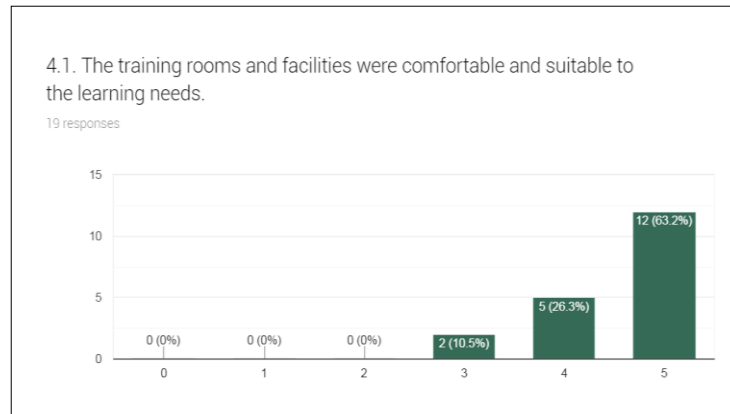
- No comments

**Reflection:**

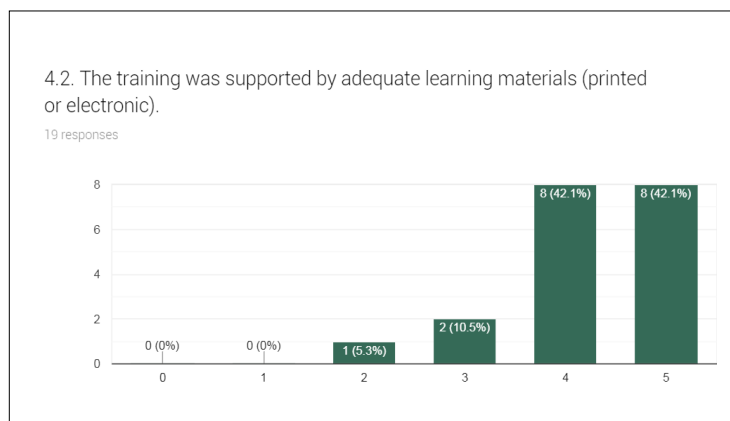
*In general participants were happy with the training activities and the way they were triggered to engage in them. The training focused on applying the knowledge that was gathered on active learning in practice, so active learning methods were applied during the training: discussions, hands-on moments with new technologies and teaching methods, application on personal teaching context, ... . As there are no specific comments, it is difficult to guess what some participants were missing to keep them interested.*

## SECTION-4. TRAINING ENVIRONMENT AND RESOURCES/FACILITIES

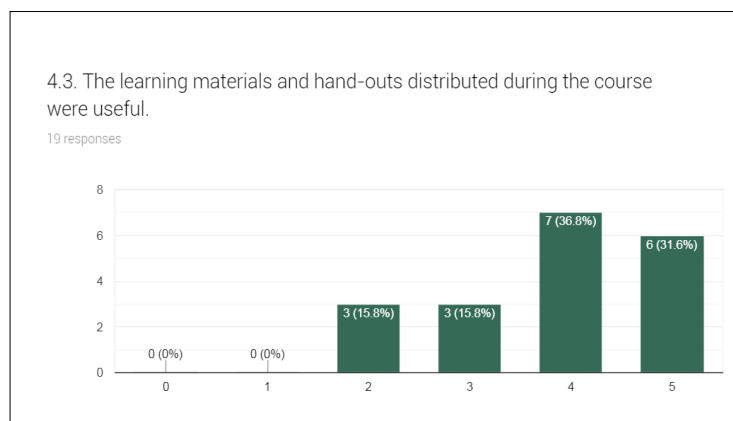
4.1. The training rooms and facilities were comfortable and suitable to the learning needs.



4.2. The training was supported by adequate learning materials (printed or electronic).



4.3. The learning materials and hand-outs distributed during the course were useful.





#### 4.4. The participants' comments relating to this section.

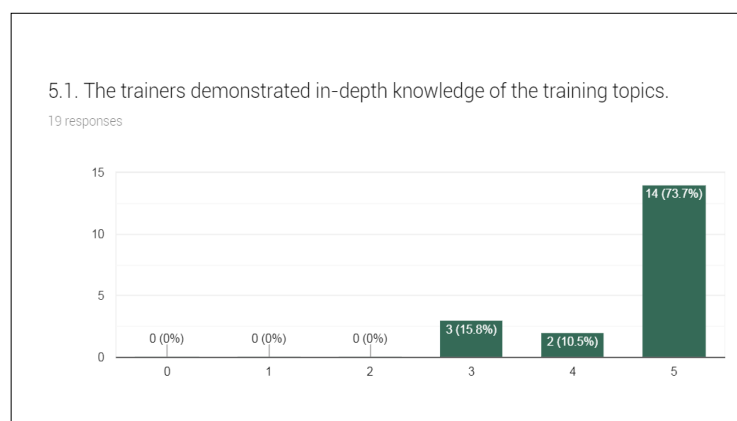
- We were expecting at least a water cooler in the halls or somewhere nearby. Anyway, frequent coffee breaks were helpful.

#### **Reflection:**

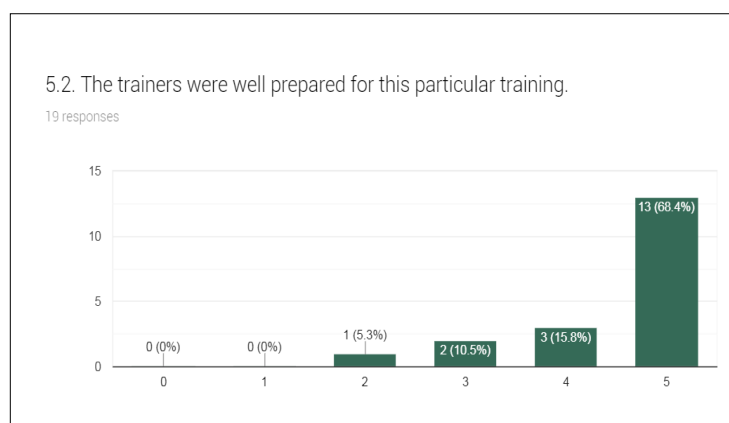
*The participants have appreciated the cutting-edge facilities of our AGORA Learning Center (see: <https://bib.kuleuven.be/english/agora/about/about>) very well. AGORA is the learning centre for students and staff KU Leuven. It is an all-embracing learning space, a social hub where information, technology and services meet together. The remark about the water cooler is somewhat strange, as there was one just around the corner of the training room. Some participants seem to have expected more learning materials and hand-outs distributed (on paper, we guess). A lot of material, including all slides, were provided through the dedicated training website, and remain there for further use (and distribution) in electronic format.*

## SECTION-5. TRAINERS/INSTRUCTORS

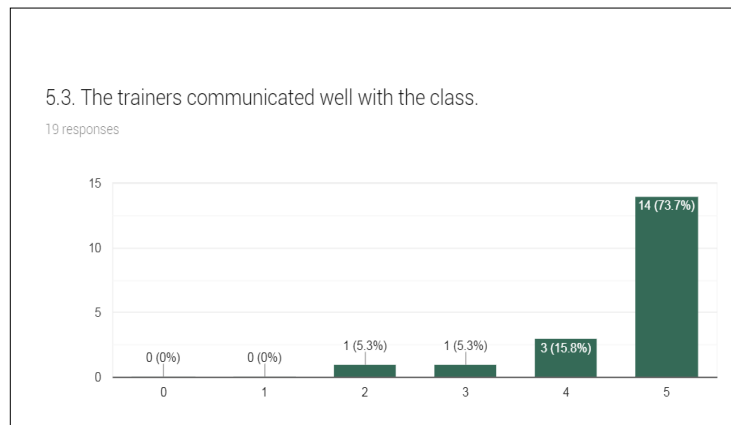
#### 5.1. The trainers demonstrated in-depth knowledge of the training topics.



#### 5.2. The trainers were well prepared for this particular training.



### 5.3. The trainers communicated well with the class.



### 5.4. The participants' comments relating to this section.

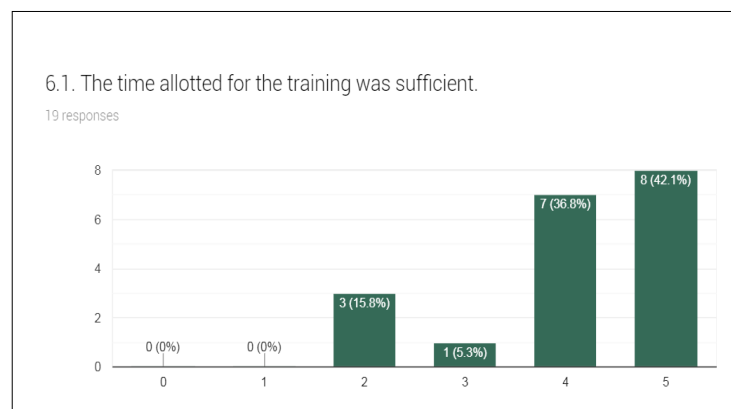
- It was a very enriching and inspiring experience to interact with the high caliber experts.
- Good job has been done
- I greatly appreciated the fact that Wim, our trainer added some additional exercises ( more Mentimeter exercises, for instance) having seen our particular interest in it and he also elaborated on some material already designed before when he acknowledged the high level professionalism of our group. That showed his professionalism and on the whole, he is a very good trainer, a born teacher! I also appreciate Hilde's and Wouter's contribution to the training!

#### **Reflection:**

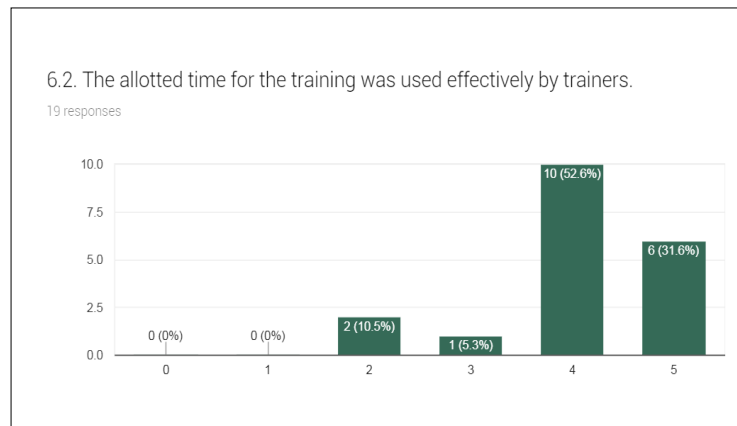
***The positive feedback on the instructor's competence is well accepted.***

## **SECTION-6. TIME MANAGEMENT**

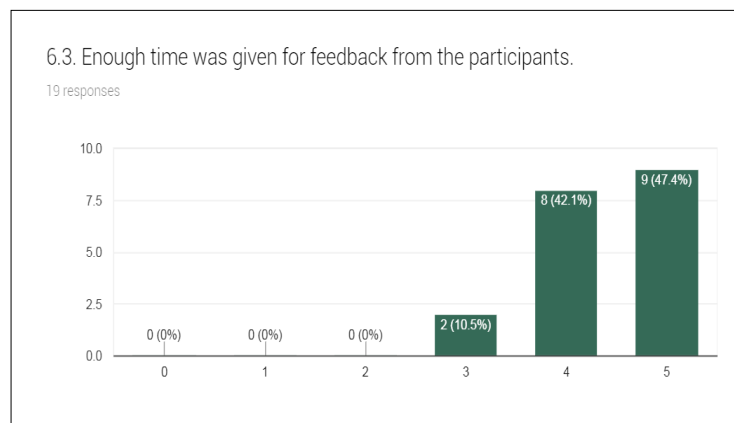
### 1.1. The time allotted for the training was sufficient.



1.2. The allotted time for the training was used effectively by trainers.



1.3. Enough time was given for feedback from the participants.



1.4. The participants' comments relating to this section.

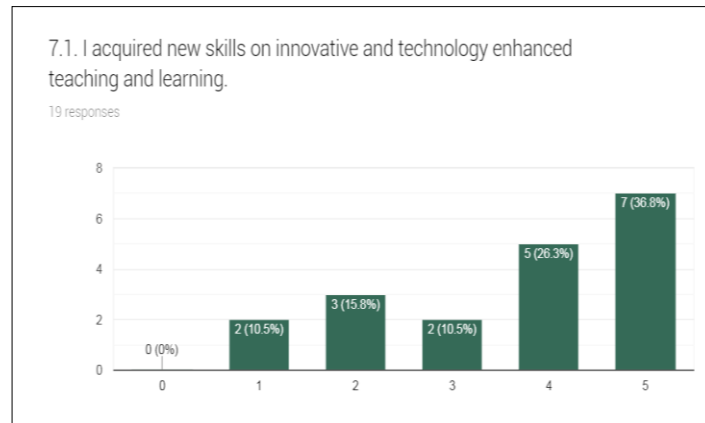
- Definitely when the conversations started, there was too little time for in-depth discussion of the topics. Though, we have covered a lot! And that is the most important thing.

**Reflection:**

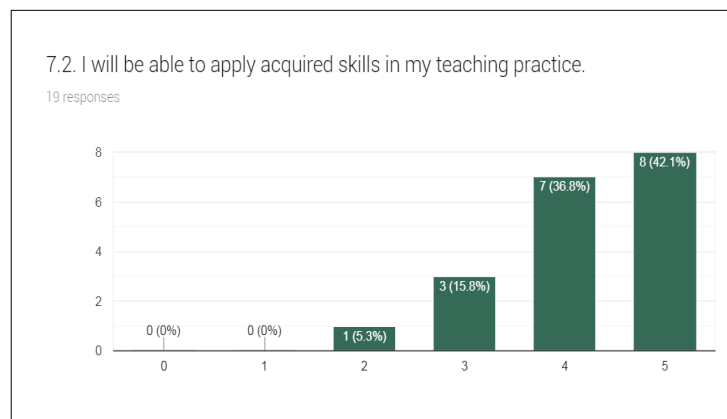
*In general participants were happy with the time schedule of the training. It is indeed true that in a five day training with a predefined and tight schedule not all discussions could go as deep as everyone would love to have. It's hard to imagine which discussions were envisioned by the participants that made this remark; one guess could be the discussions on more scientific, academic foundations of certain aspects of Active Learning (e.g. the psychology of learning): point taken, but that was not the main focus of this training.*

## SECTION-7. BENEFITS/RESULTS

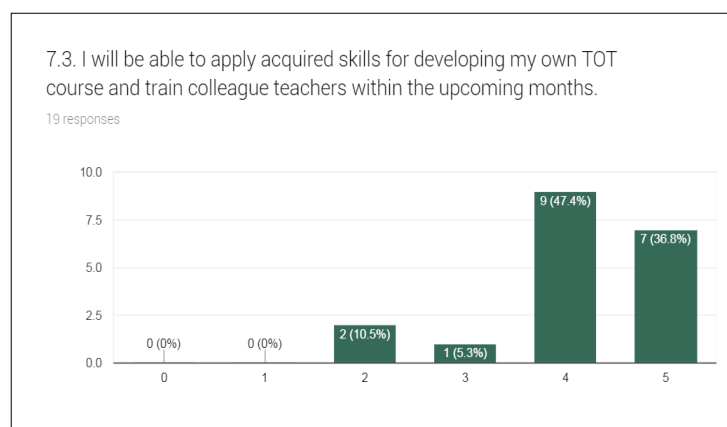
- 7.1. The participants acquired new skills on innovative and technology enhanced teaching and learning.



- 7.2. The participants will be able to apply acquired skills in their teaching practice.



- 7.3. The participants will be able to apply acquired skills for developing their own TOT course and train colleague teachers within the upcoming months.



#### 7.4. The participants' comments relating to this section.

- We have a clear vision now how to present this topic to our colleagues in our home university.
- I would love to mark 5 in question 7.3. Yet, I have to say that the University is not fully equipped with all the modern learning technologies. Furthermore, the success of the course depends on the motivation rate not only of my colleagues but also of students. Active learning principles require far more involvement both from teacher and student.

#### **Reflection:**

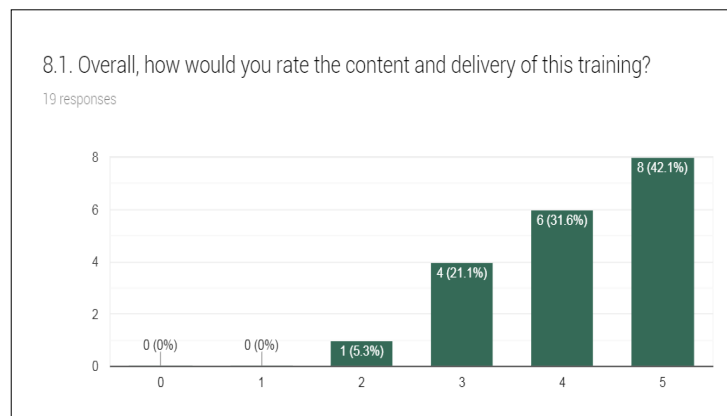
***Some participants seem to indicate they have not acquired new skills. That's a pity. As instructors we were not involved in the selection process of the trainees. Maybe a suggestion could have been to include specific prerequisites (e.g. prior knowledge in the subject) in the selection criteria.***

***The remark about the technological infrastructure in the university is taken care of by the project. So, hopefully, this participant and his/her university can benefit in the future.***

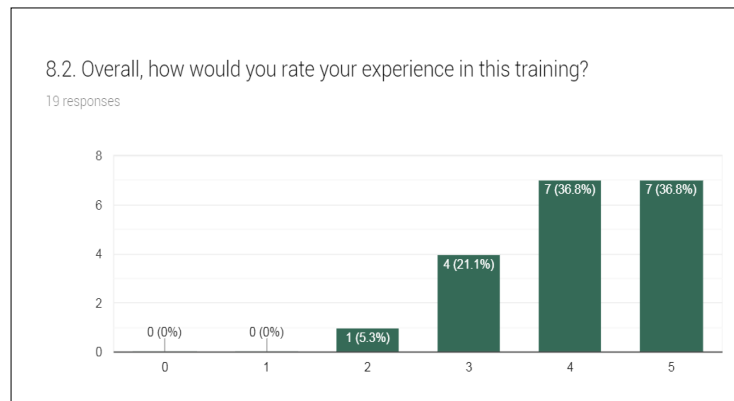
***Finally, it is indeed true that the success of Active Learning also depends on the willingness of the students to engage, but it is the role of the teacher to get (and keep) them motivated.***

## SECTION-8. OVERALL IMPRESSION

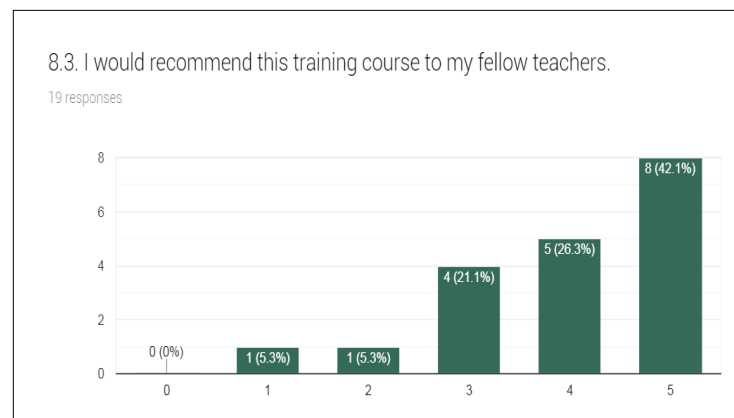
#### 8.1. The participants' overall rating of the content and delivery of the training.



## 8.2. The participants' overall rating of their experience in the training.



## 8.3. The participants would recommend this training course to their fellow teachers.



## 8.4. The participants' comments relating to this section.

- Of course, my colleagues should pass such a training to learn how to make the classes for students more engaging.
- I wish we'd had a chance to have in class practice of the acquired skills under the supervision of the experts. I hope the program will get a continuous character and we will have an advanced training with observations and practice.

### **Reflection:**

***The overall rating is pretty high.***

***It is nice to see that participants would recommend this training to their colleagues.***

***We also appreciate the remark that participants wanted to experience an 'Active Learning' teaching style themselves. In the five day program of this training there was no time for this, unfortunately. We spoke about this at the end of the training in person with some of the participants. And the idea was to organize a sort of 'Master Class' as follow-up to this training, where participants could practice in their own environment what it means to teach for Active Learning. As instructors we are open to this idea and would give full support to implement that in one or more universities involved in the project.***

## SECTION-9. PARTICIPANTS' OPINION ON THE TRAINING

### 9.1. What did the participants like most about this training?

- 1) very engaging tutor 2) open and flexible format of the training 3) wide use of the electronic means
- Active learning paradigms; Rooms and Conditions; Learners friendly teaching.
- The training provided active learning new methodologies and some digital platforms
- The settings, the training experts, teamwork, the observation of the professor's seminar.
- Atmosphere, communication, University
- Innovative methods, collaborative approach, structured lectures
- The new methodology of technology enhanced collaborative learning 2. The training atmosphere 3. The collaborative learning within our wonderful team
- Lecturer, Team, Learning center
- Easy communication with the trainers and the members involved; the discussions related to the material presented; the freedom given to the trainees to come up with creative solutions
- 1) Learning environment; 2) Methods; 3) Motivating and challenging character
- Most of all I liked the large number of active practical tasks and the opportunity to exchange experience between the participants. The high level of the trainers allowed the participants to study a large amount of educational material in a short time
- A lot of communication, new obtained knowledge, impressive working environment
- Effectiveness, creativeness.
- Communication, dynamics, interaction
- ADDIE model, environment, active learning techniques
- Presenter was extremely professional; Instructional design of the course by ADDIE model; AGORA learning center
- University's facilities, activities for self-reflection
- Calm manner of trainer, technical design of training environment.
- Activity, dynamism, competence

### 9.2. What did the participants like least about this training?

- 1) Lack of time for reflection and discussion with colleagues on the topic during the course 2) paid coffee breaks!!!! - nonsense! 3) not everyone gathered for dinner
- Training was not with of a focus on technology enhanced teaching as it was stated; Teaching was rather theoretically oriented; No cloud technology were introduced to support "Going to digital" teaching style.
- The theoretical lectures were too much, better would be to have practical skills
- Lack of practice, absence of water cooler.
- Classes ended too late

- There is no thing
- 1) I would have liked to have more space in the training room. 2. Sometimes I had the feeling that we could have managed with some tasks in less time allotted.
- Coffee break
- The absence of the chance to practice the skills gained and to be evaluated by the trainers so that trainers could better see their weak points
- 1) Lack of focusing on ICT; 2) Lack of practical exercises/case studies on active learning, active learning modeling in real conditions/circumstances
- I can't provide the things I didn't like. Everything was at a high level.
- I hadn't anything special that I didn't like.
- There was anything I did not like.
- Less practice, there wasn't done inquiry to clarify the needs for the audience, the tool suggested was not open and free
- It would be better to learn more concrete techniques, it would be better if we have more time,
- Absence of real examples of good active learning sceneries in different subject fields; The simplicity of the material presented (despite the difficulty of AL performance techniques); missing of discussions on disadvantages of AL methods
- Teaching in large classes was not covered by the training, lack of information about technical equipment for technology-based interactive/active learning
- There was no interesting material about modern active learning skills
- There were no excursions in the university, scientific laboratories were not presented, isolation from the life of the university

### 9.3. How do the participants plan to change their teaching practice as a result of this training?

- I was already acquainted with the principles of active learning before the training, but the training gave me 360-round view on this and stimulated the more intense application of active learning methods and techniques in my courses
- Activate the students by interactive teaching; Charge the students more with individual research and learning; Introduce more team work in classrooms.
- I will use digital platforms for my teaching and will apply ADDIE or other models to make the teaching better
- More flipchart classroom teaching, interdisciplinary teaching.
- consistently implement active learning methods
- Redesign my course plan
- I do intend to make the learning process more active. I do intend to replace some 'traditional' methodology with new ones and use the collaborative learning as much as possible. I look forward to sharing my idea which I was happy to come up with how to make literature learning process more active and was pleased when my team members praised it.



- I will involve active learning methods in my teaching program
- by involving more of Active learning methods in auditorium
- 1)Applying more group works and outdoor activities; 2)Applying the ADDIE model more efficiently; 2)Defining more SMART learning outcomes; 3)Being more student-centered and oriented
- I am going to use the methods of active learning in my practical and lecture classes. I already do it. I am also going to organize seminars on active learning together with my colleagues
- To activate and motivate my students with the utilizing of the presented methods at the courses
- I plan to add some methods and details from this training
- To prepare more activities with active learning components.
- I will use techniques more actively in my class
- Using ADDIE model :-)
- I already use active learning in my classes.
- I already do use those active learning methods ,what was delivered in Leuven TOT
- make learning more active

#### 9.4. The participants' comments relating to this section.

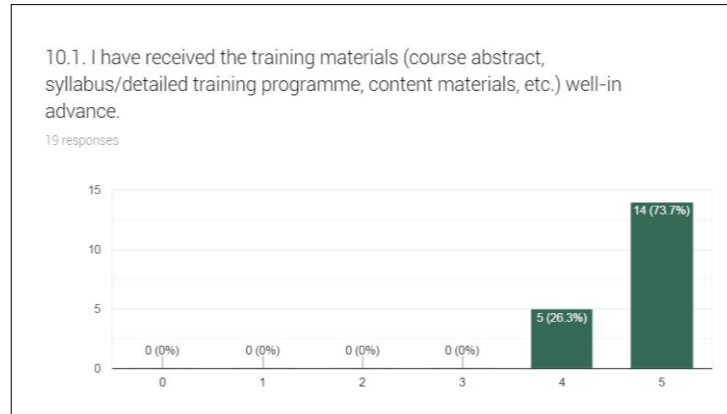
- It was a great week!
- Great lecturer, good atmosphere, very nice participants of the training, new knowledge, amazing University
- I guess the University should embrace the concept of Active Learning with special focus on collaborative learning which is technology enhanced more widely and deeply and should promote it by providing more modern classrooms equipped with modern technologies. It should become one of the main policies of the educational institution.

#### **Reflection:**

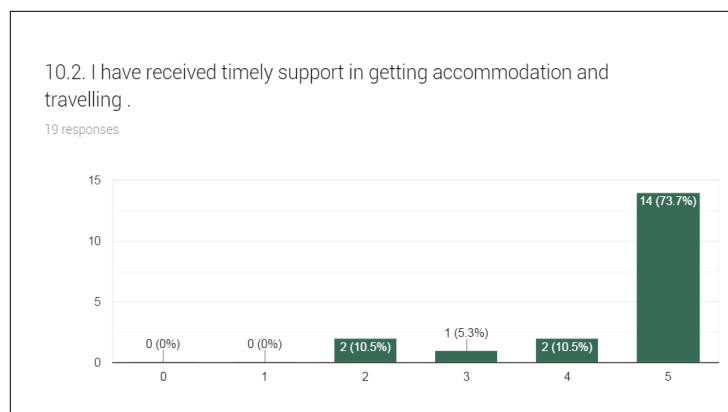
***It is hard to discuss on these comments, as we don't know the background. Most of them are very personal and individual. Some of them are also beyond the capacity of the instructors' team.***

## SECTION-10. OVERALL ORGANISATION OF THE EVENT

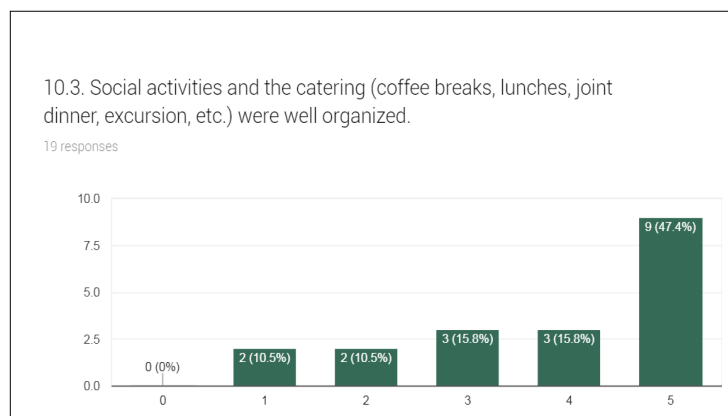
- 10.1. The participants have received the training materials (course abstract, syllabus/detailed training programme, content materials, etc.) well-in advance.



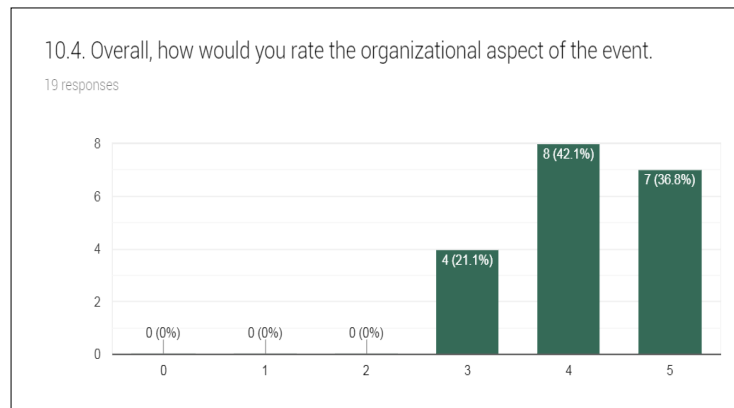
- 10.2. The participants have received timely support in getting accommodation and travelling.



- 10.3. Social activities and the catering (coffee breaks, lunches, joint dinner, excursion, etc.) were well organized.



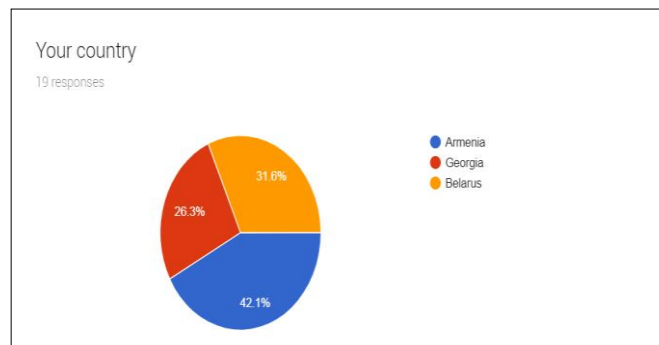
#### 10.4. The participants' overall rating of the organizational aspect of the event.



#### 10.5. The participants' comments relating to this section.

- Paid coffee breaks are nonsense. This definitely separated the audience into two parts. Dinner on Wednesday should be mandatory for all the participants.
- Would be nice to have: 1) Individual badges; 2) Stationery (pens, blank books, etc).
- I would like more excursions, may be even just one would be enough to see sightseeing's of the Leuven. It has a great architectural environment. You do really need to show it and demonstrate to people.

#### 10.6. The participants' country.



#### Reflection:

*The participants seem to be happy with the organization of the training. We're glad the choice of location, suggested accommodation list and all practical info were appreciated. We aimed at a timely and 'always and everywhere available' approach for the course content + practical info with the website, which gathered positive feedback.*

*We recognize that it is a bit strange to pay for coffee breaks, but 'there is no such thing as a free lunch', and this was the rule.*

*We appreciate that participants would love to have seen more from Leuven. We are also proud of our city and university, but the instructions were to teach about 6hrs a day, leaving almost no time for extra-curricular activities.*

## CONCLUSION

### *Reflection:*

*In the above reflections we already indicated our lessons learnt from this training.*

*We have the impression that the participants appreciated the training, enjoyed their stay in our university environment, learnt new skills, and were happy with the way the training was set up.*

*We aimed at a timely and 'always and everywhere available' approach for the course content + practical info with the website, which gathered positive feedback.*

*There might have been some mismatch in expectations: some participants would have liked to have a bit more emphasis on the technology, while the focus of the training was on Active Learning (with the help of technology).*

*In order to have the right mix of participants it would be beneficial to have better described prerequisite skills of the participants, and as instructors to be involved in the selection process of the participants.*

*A wish of the participants and of the instructors is to continue the journey together. One way could be to organize a 'Master Class', in which the participants could practice what they have learnt by doing it themselves in their own environment (i.e. teaching in an 'Active Learning' style), with support and guidance of the Leuven instructors' team.*