



SEM-SEM



Smart Control Systems for Energy Management

Erasmus + #: 561703-EPP-1-2015-1-UK-EPPKA2-CBHE-JP

Evaluation Report
for the training held on the 23rd to
27th of October 2017 at
Staffordshire University, in
Staffordshire, UK



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a. Introduction – Purpose of this Document

As foreseen in the project proposal and, consequently, in the SEM-SEM QA Plan, the QA of the SEM-SEM project will be continuous; thus, will be implemented throughout the project lifetime. Evaluation is necessary to improve the quality of the project and its products. According to the proposal and the Work Package 12 (Quality Plan), EUROTraining is responsible for monitoring the progress of the activities and gathering the results and going on to compose the relevant reports. For this reason, after each and every session (training/workshop/project meeting), a questionnaire should be filled in by all participants.

In the aforementioned framework, this evaluation report aims at outlining the outcomes of the training that was held in Staffordshire on the 23rd to 27th of October 2017. EUROTraining used Google Forms in order to create the questionnaire and easier distribute it to participants. Google Forms is part of Google's online apps suite of tools, it's user – friendly and provided for free.

b. Results' Analysis

This part of the document contains a summary and statistical analysis of the answers given by the training's participants. Graphs are included so that the analysis is easier understandable.

Question 1: "Name and Surname" (optional)

The first question of the evaluation questionnaire was about the name and surname of the respondents. As participants in evaluations tend to prefer to keep their anonymity during the process, this question was not obligatory. However, twelve out of sixteen respondents chose to answer it, expressing a general feeling of trust.

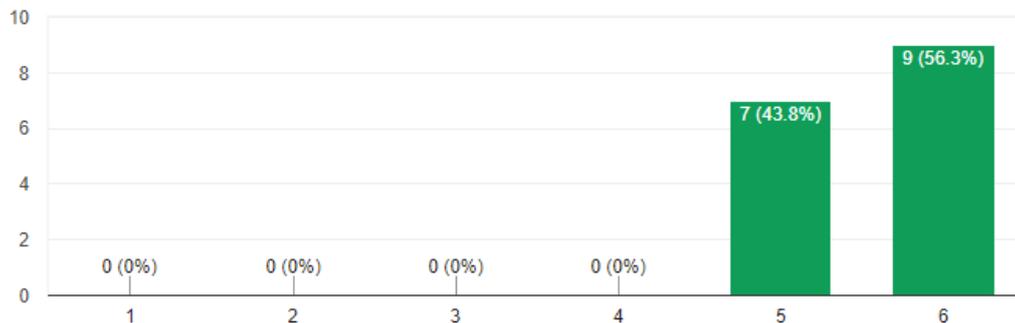


Question 2: “Profession/Status” (optional)

The second question was, also, about some personal information of the respondents, namely their profession or status. That kind of information can be very useful for the evaluation, as it would be good to know how participants are related to the project and its objectives. Even though that this question was not compulsory either, twelve participants chose to answer it as well.

Question 3: “The objectives of the training were clearly defined”

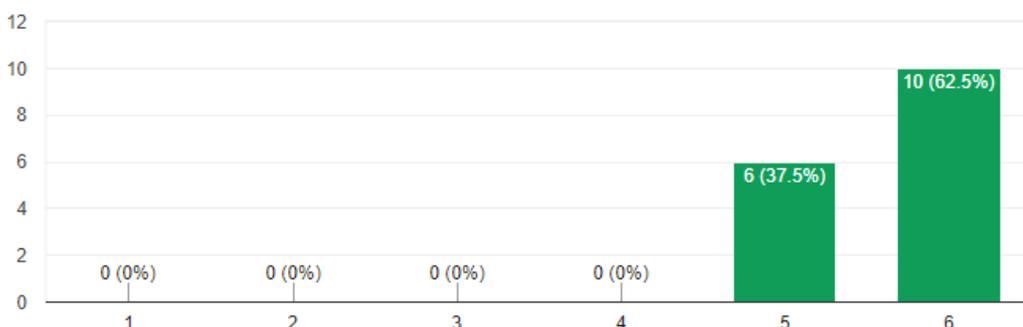
16 responses



In the first question, participants were asked to evaluate the level of clarity of the training’s objectives. More than half of participants (56.3%) “totally agreed” that the objectives were clearly defined, while the remaining 43.8% “agreed”. It can be safely said that participants were very satisfied regarding that aspect of the training.

Question 4: “Selection and topics were appropriate to my role and responsibilities”

16 responses



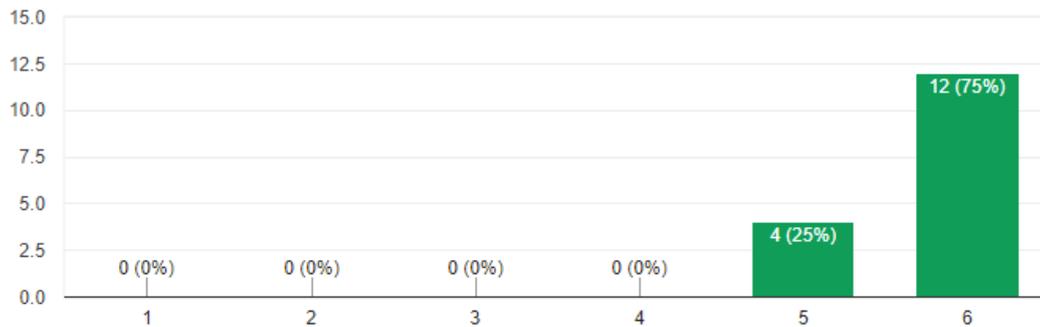
Reviews were, also, positive about the appropriateness of topics compared to participants’ roles and responsibilities. Ten participants (62.5%) “totally agreed” that the topics were appropriate, while the rest six (37.5%) “agreed”. Those



results indicate that the training was well designed enough, in order to provide participants with topics that were sufficiently related to their roles and responsibilities.

Question 5: “The training improved my understanding of the subject”

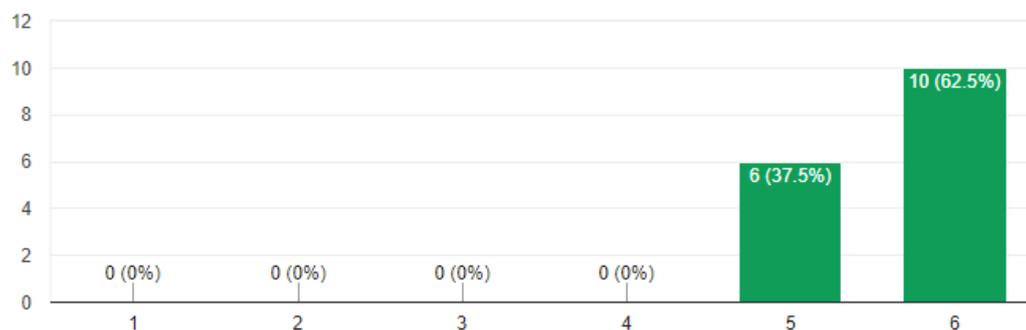
16 responses



In that question, participants were asked to evaluate their personal improvement of understanding of the subject that was covered during the training. Three quarters of participants (75%) replied that they “totally agreed” that the training improved their understanding of the subject, while the remaining 25% “agreed”. Those responses are very encouraging, as they show that most participants gained some actual knowledge of the training.

Question 6: “I will be able to apply the knowledge acquired”

16 responses



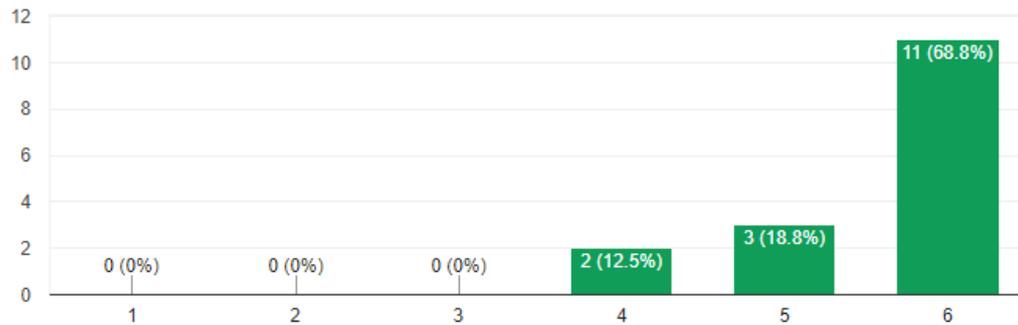
As a follow – up to the previous question, in that question participants had to answer about their ability to apply the acquired knowledge. Results here were very encouraging too, as ten out of sixteen participants (62.5%) “totally agreed” that they will be able to apply the acquired knowledge, while the rest six (37.5%) “agreed”. Those positive reviews can be a sign of a successful training in



general, as being able to use the knowledge gained from the training is one of its main goals.

Question 7: “Visual and supporting material were useful and easy to follow”

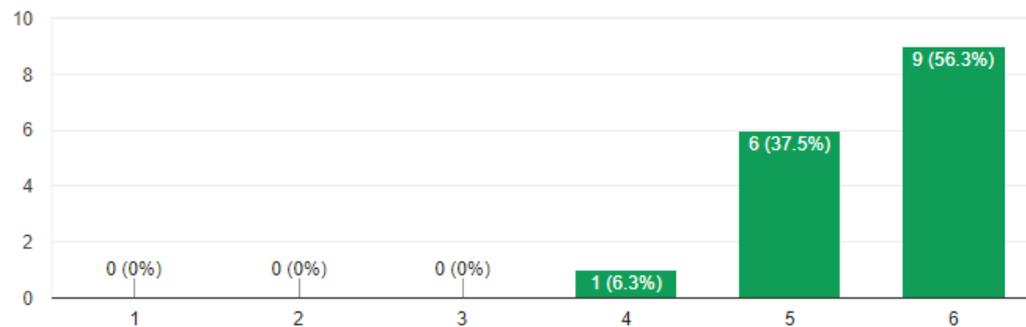
16 responses



As far as the visual and supporting material that was used is concerned, most participants (68.8%) “totally agreed” that it was useful and easy to follow. Three out of sixteen participants (18.8%) “agreed” and another two (12.5%) “rather agreed” with that statement. In general, reviews of that aspect of the meeting can be thought as positive.

Question 8: “Participation and interaction were encouraged”

16 responses

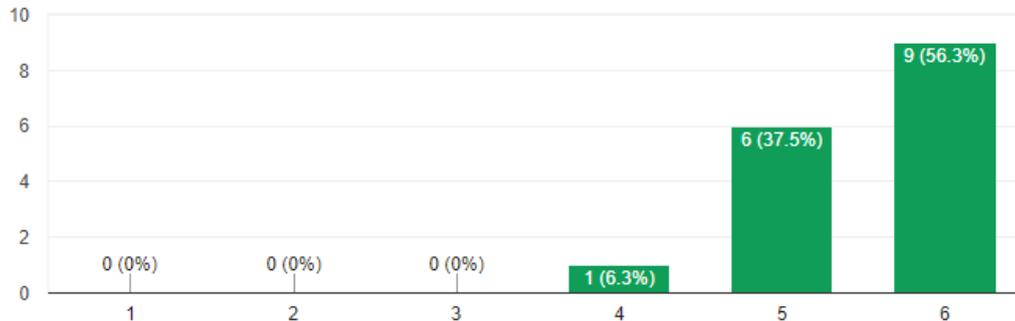


Another important aspect of the training is the level of participation and interaction of all people involved, as a high level of encouragement in participating and interacting can make the training more efficient and help participants better understand the subjects covered. Regarding the training, nine out of sixteen participants (56.3%) “totally agreed” that they were encouraged to participate and interact, six participants (37.5%) “agreed”, and one (6.3%) “rather agreed”.



Question 9: “There was a correct balance between theoretical exercises and discussion”

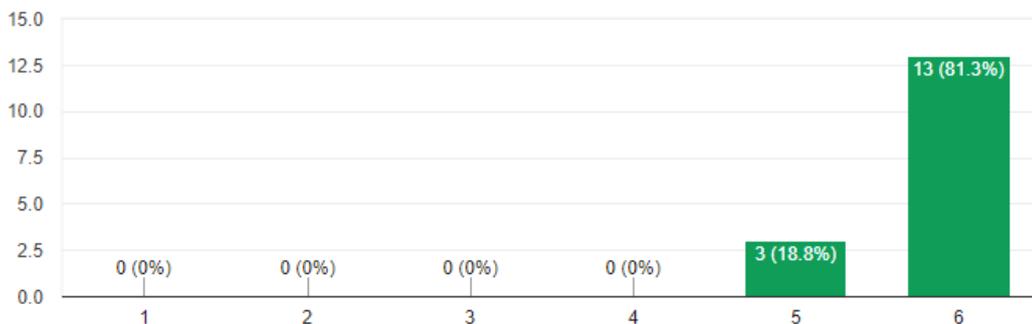
16 responses



Regarding the balance between theoretical exercises and discussion, nine participants (56.3%) “totally agreed” that it was correct, six (37.5%) “agreed”, and one (6.3%) “rather agreed”. It can be said that a balance between theory and discussion was achieved according to participants views, a fact that can surely contribute to the overall success of the training.

Question 10: “The trainer was well prepared”

16 responses

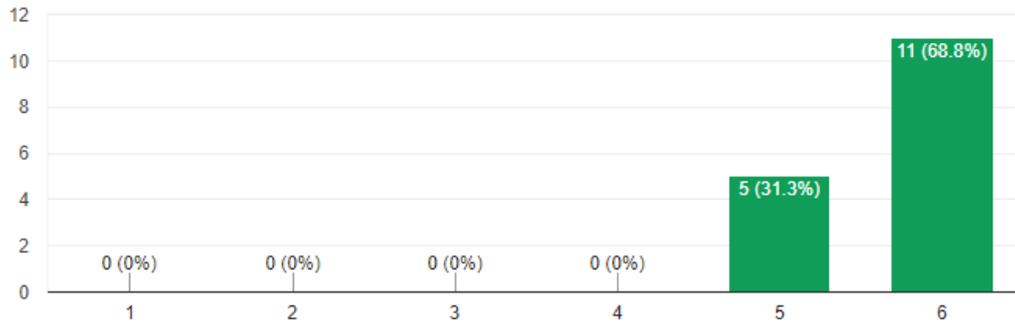


As an effective training greatly depends on its delivery by the trainer, evaluating the trainer’s performance can provide valuable feedback for the organizers of the following trainings. As the graph shows, participants were very satisfied by the trainer, as thirteen out of sixteen (81.3%) “totally agreed” that he was well – prepared, while the remaining three (18.8%) “agreed”. A well – prepared trainers is usually a good sign of a well – prepared training too.



Question 11: “The training objectives were met”

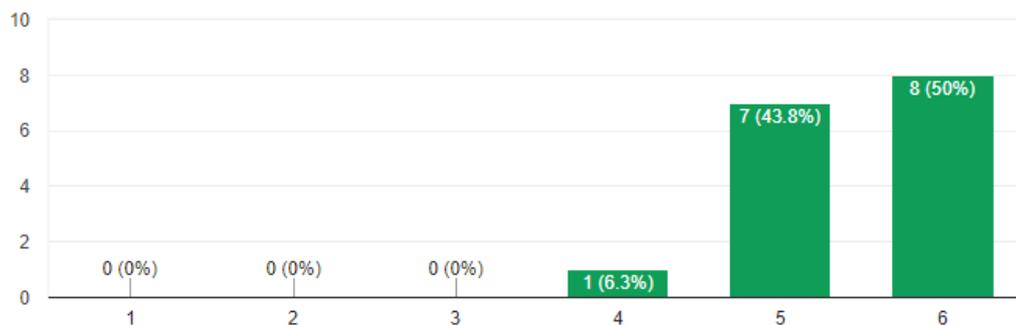
16 responses



In that question, participants had to evaluate the level of achievement of the training’s objectives. The majority of participants (68.8%) “totally agreed” that the objectives were met, while the rest five participants (31.3%) “agreed”. The satisfaction of participants regarding that aspect of the training indicates that the design and implementation of the training were in accordance, and participants’ expectations were highly met.

Question 12: “How do you rate the duration, date and timing of the training?”

16 responses

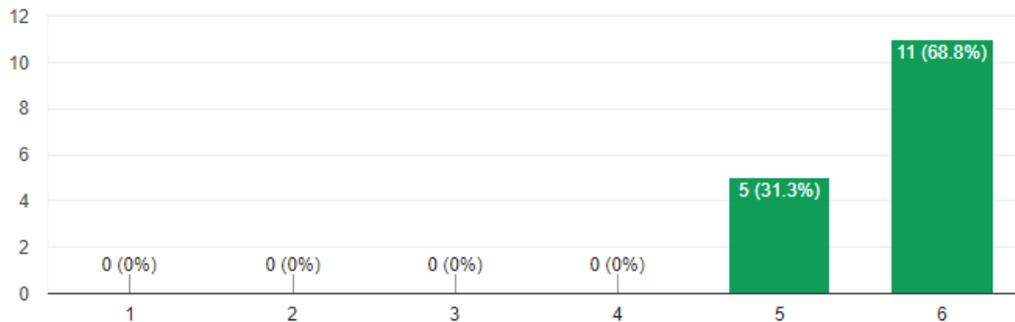


Participants’ opinions about the duration, date and timing of the training were distributed among the three most positive options. Half of participants (50%) evaluated those aspects of the training as “excellent”, seven participants (43.8%) as “very good”, and one (6.3%) as “good”. In overall, reviews were encouraging, although they could have been even better.



Question 13: “Overall evaluation of the training”

16 responses



In the final linear scale question of the evaluation form, participants were asked to evaluate the training in overall. As most of their previous answers indicate, results of that question were very satisfying too. Eleven out of sixteen participants (68.8%) argued that the training was “excellent”, while another five (31.3%) that it was “very good”.

Question 14: “Which topics would you suggest for future training sessions?”

This question was an open – ended question where participants were asked to recommend topics to be included to the next trainings. No participant answered that question, a fact that can be interpreted either as a lack of ideas, or as an unwillingness to respond.

Question 15: Which aspects do you think could be improved for the next training sessions? Any additional comments?

The last question of the evaluation was, also, an optional open – ended question, where participants had the opportunity to suggest any possible improvements for the next trainings or make any additional comment. All participants asked this question, providing valuable feedback.



16 responses

more training (2)

One day execution to be added to the program...

Practical systems should be presented in the training such as micro-CHP and taking the readings from it. This will make the training much more interesting than presenting the results on slides. Furthermore, A field visit in the all buildings of the host university is urgently needed especially the science building in order to gain knowledge of such laboratories and makes us motivated to cope the technological developments of the host university.

The content could have been increased to match the time allocated throughout the training days.

Time efficiency, we may allocate more presentations in the same time frame. Thanks I, really very good training.

more training. welldone

It should contain more lecture in energy sector and management

I would like to have the presentations hands out. It is very essential to have them for future reference. I recommend that the material is given immediately after the training session. Some of the trainers were really great, If we can have them in Jordan for more training because the training session was short (yet excellent and very informative)

The field visit. Thanks

Time management

Candidates should be more careful while they are filling the visa applications to avoid the visa refusal.

Frequcy of workshop. As everybody enjoy and learn from the training. Thank you all who was involved in this training

May be more numbers of participants will be good to have more mind storming as it happened in this training

I think , this questionnaire is one of the tools to improve the quality Also, I suggest to make a sustainable group for all partners to discuss and cooperate in all energy issues in the future . Thank you

Practical case studies for Energy Industrial Audit

c. Final Remarks

The evaluation of the training was conducted through an on – line questionnaire that consisted of fifteen questions: two optional regarding some personal information of the respondents, eleven evaluating questions of linear scale (1: I totally disagree // 2: I disagree // 3: I rather disagree // 4: I rather agree // 5: I agree // 6: I totally agree or 1: Very poor // 2: Poor // 3: Balanced // 4: Good // 5: Very good // 6: Excellent, depending on the type of the question), and two optional, open – ended question for recommendations and additional comments.



As the analysis of the evaluation's results indicates, training can be characterized as very successful. Answers were ranged between options 4 to 6, with most of them were gathered mainly at the options from 5 and 6.

Very encouraging results were reported regarding the well – preparedness of the trainer, the improvement of participants' understanding of the subject after the training, and their ability to apply that knowledge. Minor issues came up, mainly, about the duration, date, and timing of the training.