



**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 26<sup>th</sup> to  
28<sup>th</sup> of September 2017 at Helwan  
University, in Cairo, Egypt**



<b>Project Acronym:</b>	SEM-SEM
<b>Full Project Title:</b>	Smart Control Systems for Energy Management
<b>Project No.:</b>	561703-EPP-1-2015-1-UK-EPPKA2-CBHE-JP
<b>Funding Scheme:</b>	ERASMUS+
<b>Project Coordinator:</b>	STAFFORDSHIRE UNIVERSITY (SU)
<b>Project Quality Coordinator:</b>	Eurotraining

<b>Title of Work Package</b>	Monitoring and Quality Control
<b>Work Package</b>	WP12
<b>Work Package Leader</b>	EUROTraining
<b>Target Group</b>	<ul style="list-style-type: none"><li>✓ All project partners</li><li>✓ Students, teachers, engineers and industry management</li></ul>
<b>Starting Date</b>	15-10-2015
<b>Activity Duration</b>	3 years
<b>Document Compiled by</b>	Eurotraining
<b>Document Version</b>	Final
<b>Dissemination Level</b>	Institution



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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 Cairo on the 17<sup>th</sup> to 19<sup>th</sup> of July 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.

While the training's participants were far more, the questionnaire was answered only by seven people. It should also be noted that not all questionnaires were completely filled, meaning that some questions were answered by less than seven participants. From now on, when referring to "participants" it should be considered that only those seven who took part in the evaluation process are included.

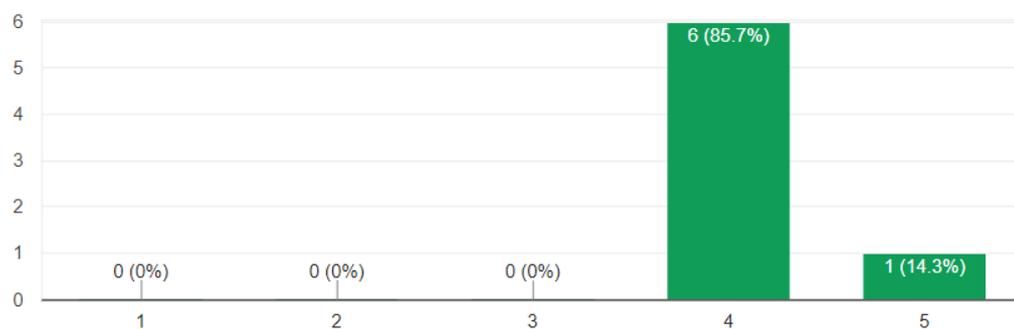
## b. Results' Analysis

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.

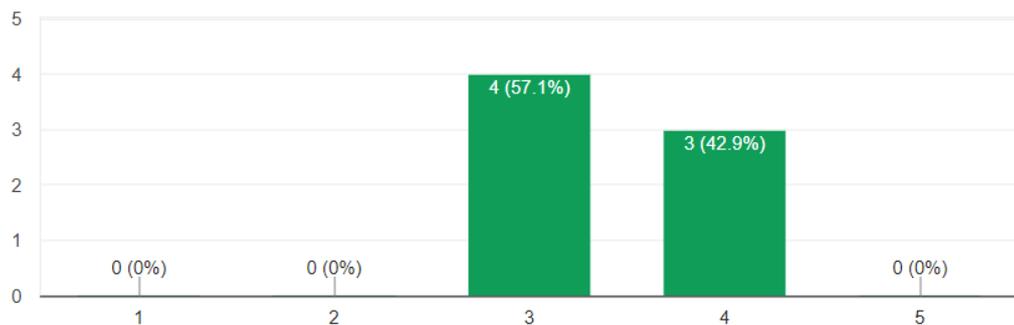


Question 1: “Please complete the following question by choosing the answer that best depicts your views about the issue. Please evaluate the objectives of the course (using a scale from 5 – Very High to 1 – Very Low).

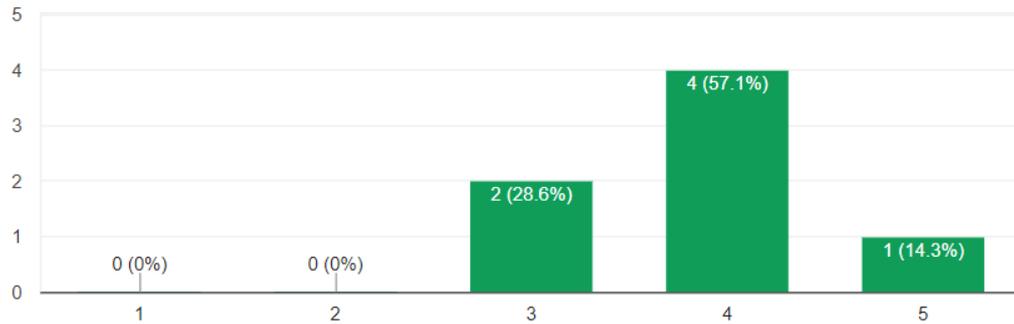
This was a bipolar question. The three sentences-objectives given were: 1) Clarity of the course objectives, 2) Achievement of initial objectives and 3) Meeting personal expectations. The five possible options were: 1) Very Low, 2) Low, 3) Medium / Moderate, 4) High and 5) Very High. This question was used in order to figure out to what degree the objectives of the session were met.



For the first sentence, four out of seven participants (85.7%) chose “High” as their answer, while the rest of them chose “Very High”. This is a quite positive result, although there is indication that things could have gone even better.



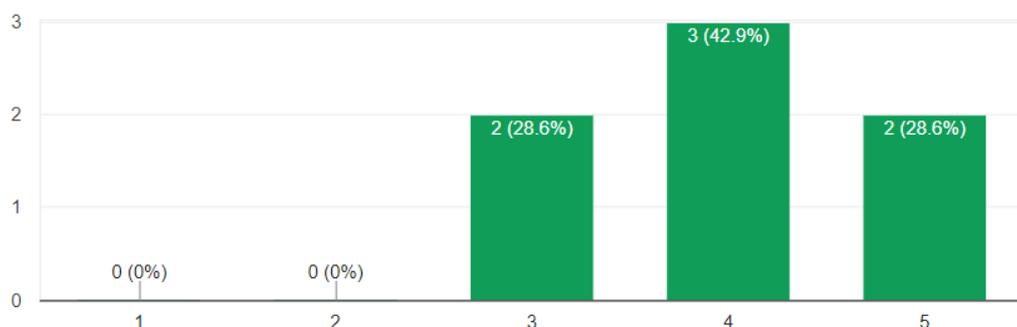
As for the second question, the majority of respondents (57.1%) answered that the initial objectives were met only in a medium/moderate level, a fact that has to be addressed for future trainings, as it seems that participants were not fully satisfied regarding this particular issue.



For the third sentence of this question, four out of seven participants (57.1%) stated that their personal expectations were highly met during the training, two participants that their expectations were met on a medium level, and another one on a very high level. This diversity in participants' answers might be due to different levels of experience in the training field, but it can be said that, in general, participants seemed to be satisfied by the training.

Question 2: "Please complete the following question by choosing the answer that best depicts your views about the issue. Please evaluate the content/methodology of the course (using a scale from 5 – Very High to 1 – Very Low).

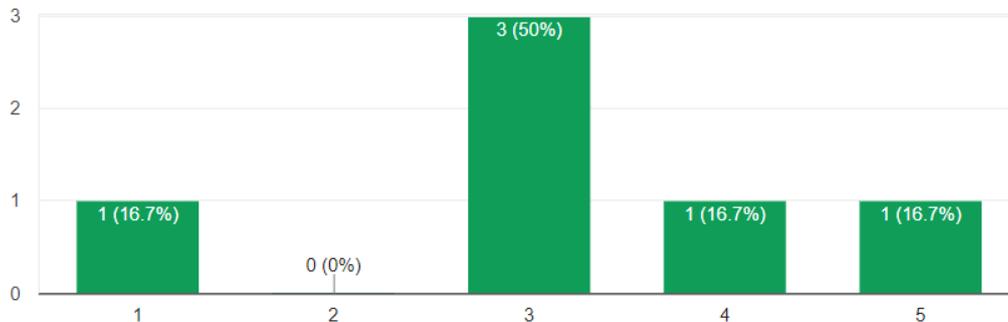
This was a bipolar question, too. The three sentences given were: 1) Selection of contents, 2) The course uses a practical approach and 3) Usefulness of course material. The five possible options are: 1) Very Low, 2) Low, 3) Average, 4) High and 5) Very High. This question was created so that the methodology and the content of the session could be measured.



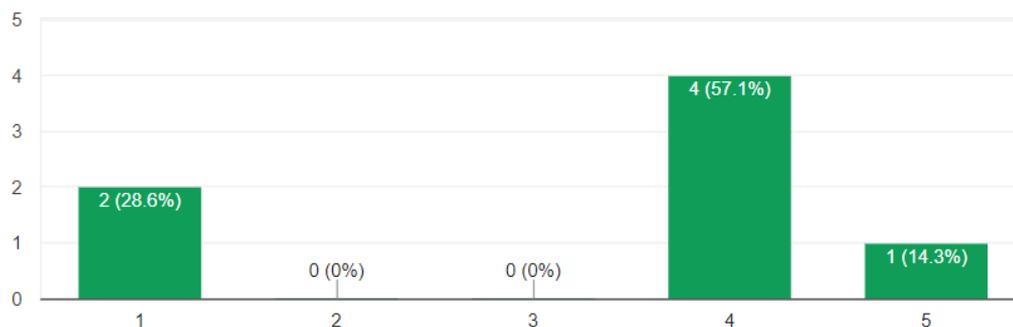
As to the first sentence, answers were almost evenly divided between "Average", "High", and "Very High". More specifically, three out of seven



respondents (42.9%) evaluated the selection of contents as of high level, while two participants chose each one of the other two aforementioned choices. It is clear that even though those results are not discouraging, there might be some room for future improvement.



In respect to the practical approach of the course, participants didn't seem to be as satisfied. Half of the respondents answered that the level of the practical section of the training was "Average", one that it was "High", and one that it was "Very High". In addition, there was also one participant who characterised the practical approach of the course as of "Very Low" level. This variety of answers may be justified due to different level of expectations on behalf of the participants, but it something that surely has to be taken into account for future trainings, in order for them to be sufficient for a wider range of trainees.



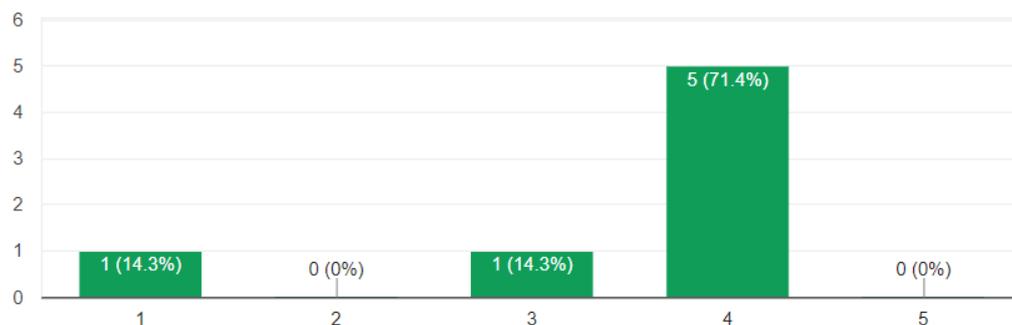
Regarding the usefulness of the course's material, answers seem to be distributed between the two edges. On the positive one, where 57,1% of participants responded that the usefulness of the material was "High" and 14,3% that it was "Very High", but also on the negative one, with two out of seven participants characterizing the material as of "Very Low" usefulness. This wide divergence among responses should be further investigated in order to identify the different level of expectations that resulted in a non-positive



evaluation of the course's material, and make sure that this pattern won't be noticed in the next trainings.

Question 3: "Please complete the following question by choosing the answer that best depicts your views about the issue. Please evaluate the lectures of the course (using a scale from 5 – Very High to 1 – Very Low).

This was also a bipolar question. There was only one sentence given: Quality of the lecture. The five possible options were: 1) Very Low, 2) Low, 3) Average, 4) High and 5) Very High. This question was used so that partners would be able to measure the quality of the session. The results are even more important if one considers the level of professional and academic experience of trainees.



Five out of seven respondents thought that the quality of the lectures was "High", one that it was "Average" and another one that it was "Very Low". In general, the results are encouraging, although further attention should be given to the very negative evaluation, as it might indicate a broader dissatisfaction from the training.

Question 4: "Which lecture did you like most and why?"

PV for designers
PV basics
Legislation

This was an open-ended question. By using this type of question, the questionnaire's creator intended to give the trainees an opportunity to express themselves without any restriction. As it can be seen from the above results,



not every respondent chose to answer this question, expressing a general reluctance in giving more specific feedback about their training experience.

Question 5: “Which lecture did you like less and why?”

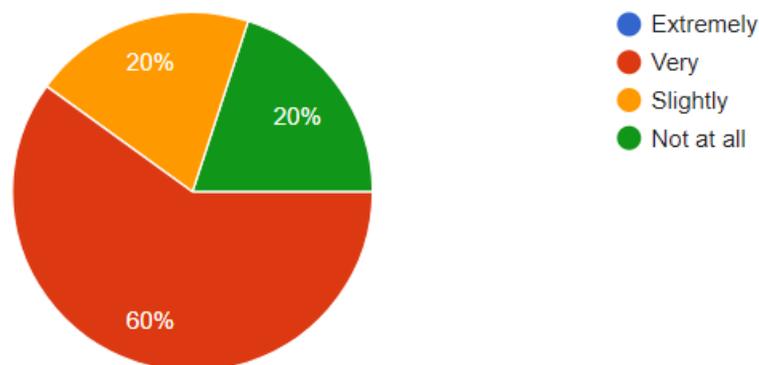
Architectural design and building

PV for designers

This was also an open-ended question. It was used in order to encourage participants to write whatever they thought about the matter. Again, participants didn't seem willing to answer this kind of question, either because they didn't have anything to write or because they thought it was not important. In any case, no safe conclusions can be drawn from those results, which is partly discouraging as it would be very useful to collect feedback about the lecture and use it for future improvement.

Question 6: “How satisfied are you with the laboratory session?”

This was a multiple-choice question, containing four possible options: 1) Extremely, 2) Very, 3) Slightly, 4) Not at all. This kind of question was used so that participants would be able to answer fast and therefore would not avoid giving an answer.



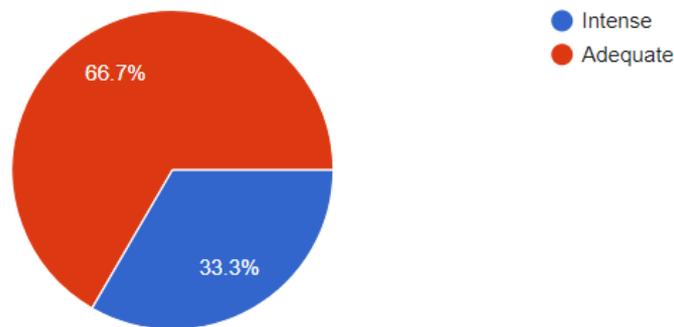
The majority of the group chose “Very” as their answer (three out of five). The other two participants chose “Slightly” and “Not at all”. There is no doubt that



the feedback organizers received is encouraging, but definitely, there is scope for improving, as at least one trainee didn't seem to be satisfied at all.

Question 7: "Organization: Please complete the following question by choosing the answer that best depicts your views about the issue."

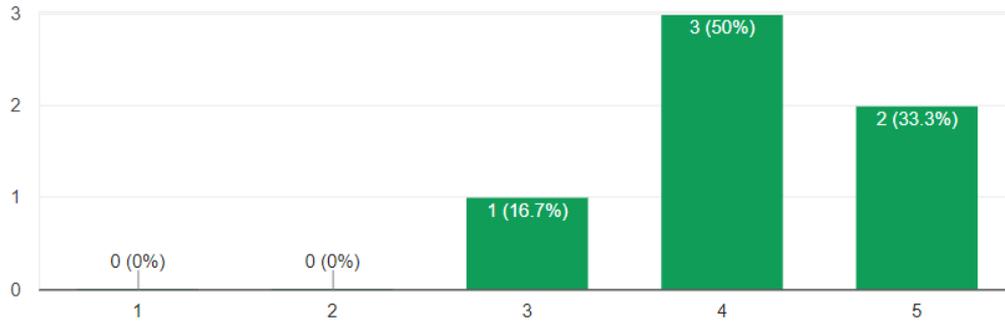
This was a dichotomous question. The sentence given was: "Course schedule has been, while the two possible answers were: 1) Intense and 2) Adequate. This question was used so that the participants would be able to share their opinion fast and easy about this important issue.



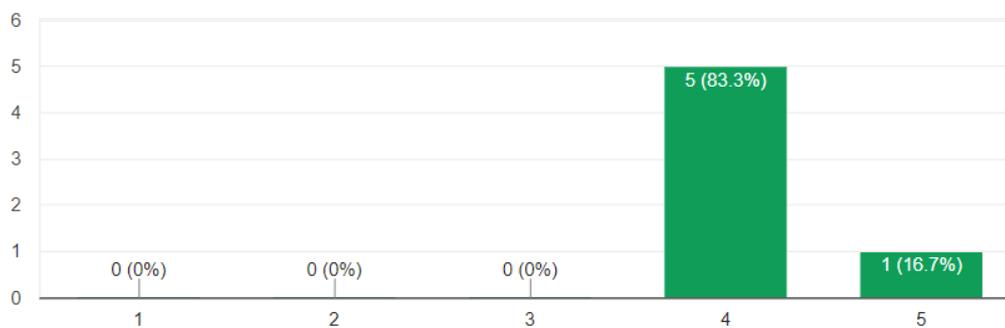
This question received only three answers. Two out of the three respondents thought that the course schedule had been adequate, and the other one that it had been intense. Again, safe conclusions from this question cannot be drawn, although from the answers received there seems to be a general satisfaction for the schedule.

Question 8: "Organization: Please complete the following questions by choosing the answer that best depicts your views about the issues."

This was a scaled question. The sentences given were: 1) Course facilities and 2) Staff support and availability. There were five possible options: 1) Very Low, 2) Low, 3) Average, 4) High and 5) Very High.



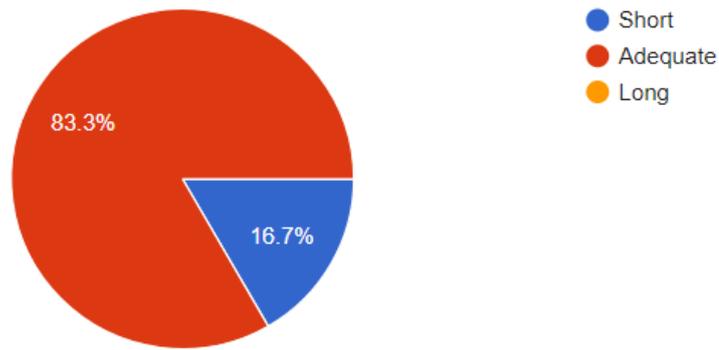
As for the first sentence, 50% of respondents evaluated the course facilities as of “High”, 33.3% as of “Very High”, and 16.7% as of “Average” quality. In general, it can be said that participants were satisfied by the course’s facilities.



As for the second sentence, the results are also very encouraging. There seems to be a general satisfaction about the staff support and availability, as 83.3% of participants chose the answer “High” and the remaining chose the option “Very High”.

Question 9: “Organization: Please complete the following question by choosing the answer that best depicts your views about the issue.”

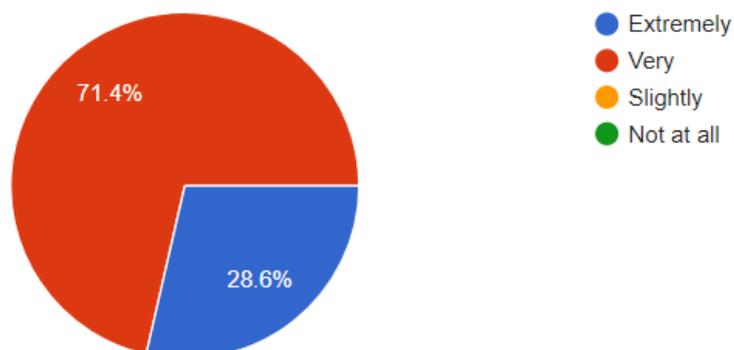
This was a Likert scale question. The sentence given was: Course duration, and the three possible options were: 1) Short, 2) Adequate and 3) Long. This question was used so that the organizers of the forthcoming training sessions (partners) could check out the answers and adjust their course duration in order to meet the expectations of the trainees.



The vast majority of respondents, specifically 83.3%, found the course duration as “Adequate”, while the remaining 16.7% thought it was “Short”. It can be safely said that participants were, generally, satisfied by the duration of the courses, which is a very important issue, as the appropriate duration can surely contribute to the overall quality of the training.

Question 10: “How satisfied are you with the organization and coordination of the workshop?”

This was a multiple-choice question, with four possible options: 1) Extremely, 2) Very, 3) Slightly and 4) Not at all. This question was used so that partners responsible for the coordination of the session would be able to reflect on their effort, compared to the achieved results.



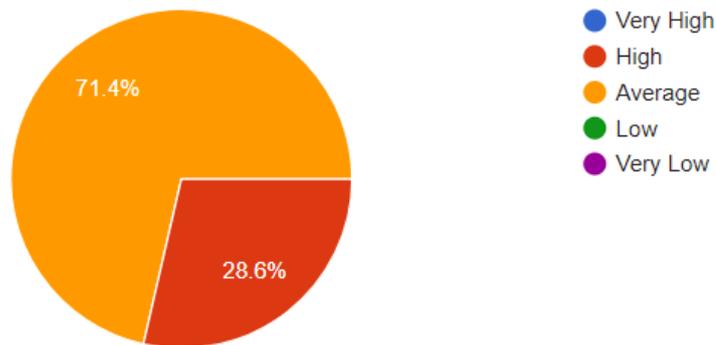
Five out of seven participants chose “Very” as their answer, while the rest of them (two out of seven participants) chose “Extremely”. This is a clear indication



that the organization and coordination of the workshop was very successful, and it may be useful to use that workshop as an example for future ones.

Question 11: “Please complete the following question by choosing the answer that best depicts your views about the issue.”

This was a bipolar question. The sentence given was: “Course evaluation as a whole”, and the five possible options were: 1) Very Low, 2) Low, 3) Average, 4) High and 5) Very High. This question was used so that coordinators would be able to measure the final result of their effort.



In that general question, five out of seven participants evaluated the course as “Average”, while the other two as of “High” level. It is obvious that things could have surely gone better and that there might be some specific aspects of the training that have to be taken into account for the organisation of the next trainings.

This evaluation report can be used as a reference point in order to avoid facing the same issues in the future, as its objective is to provide feedback for future improvement.



### c. Final Remarks

The evaluation of the training was conducted through an on – line questionnaire that consisted of eleven questions of different types: some were bipolar, others multiple – choice, and others open - ended. As already mentioned, not all participants of the training chose to answer the evaluation form, so the results of this report are based only on the gathered answers.

As the analysis of the evaluation's results indicates, the third training can be, in general, characterized as quite successful. Even though there were some not so favorable opinions, the overall evaluation of the training is satisfactory.

Minor problems were detected regarding the practical aspect of the training, as well as the quality of the lectures. On the other hand, the training's facilities and the availability and support of the relevant staff were evaluated in a particularly positive manner, as was the clarity of the training's objectives.