

EvaS Frankfurt University of Applied Sciences

Dear Ms Daniela Wenzl (as private and confidential)

## Report course evaluation

Dear Wenzl,

this report contains the results of the course evaluation for TRAINING 1 22.04. - 26.04. to questionnaire type "INTEC\_training\_trainees":

In the first part of the analysis report the values of all individual questions are listed. Then you can find the individual average values of the scales specified in a line.

In the last part are the answers to the open-ended questions.

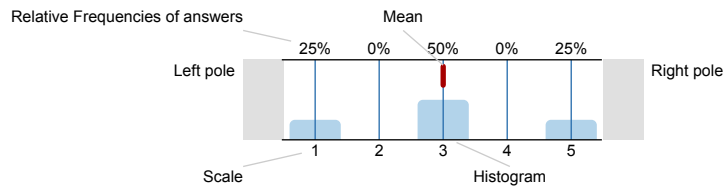
Please let us know if you have questions or suggestions for improvement for the evaluation (evas@fra-uas.de)

Yours EvaS Team  
Frankfurt UAS

## Survey Results

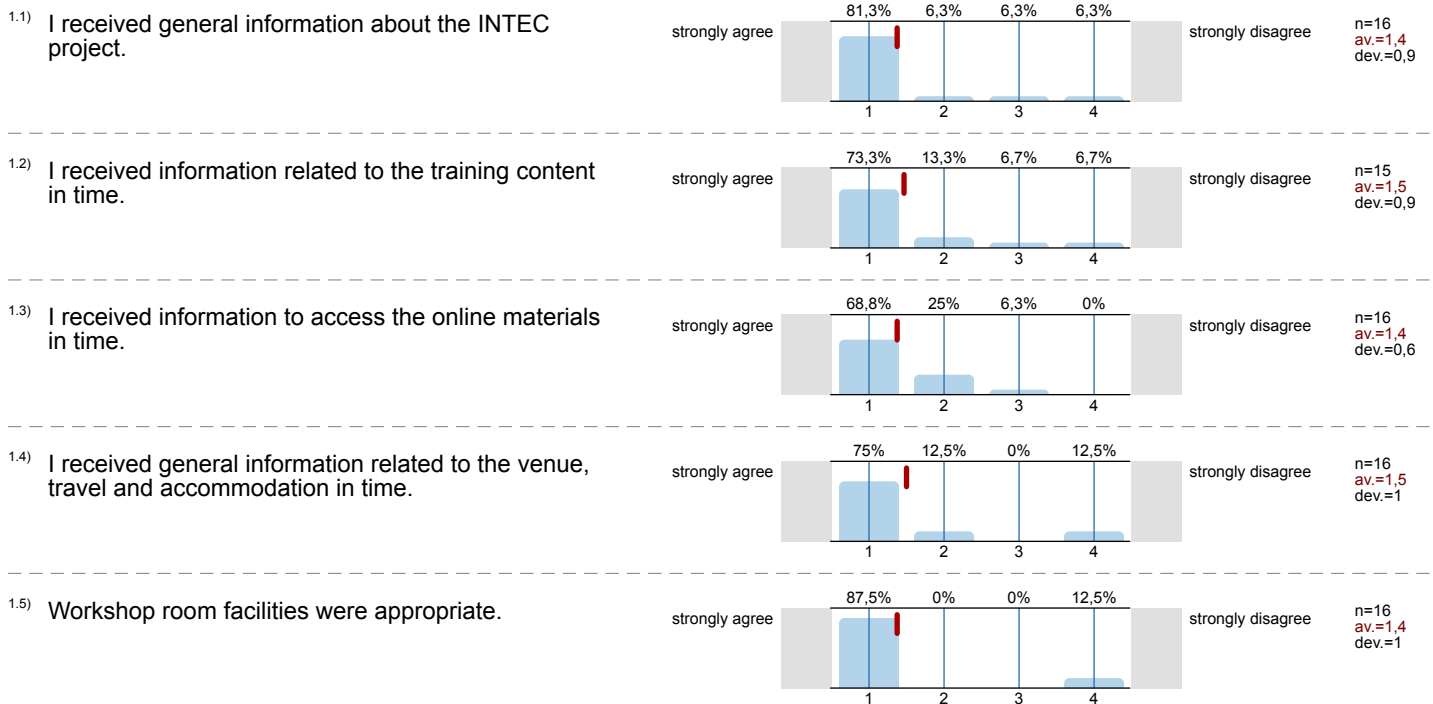
### Legend

Question text

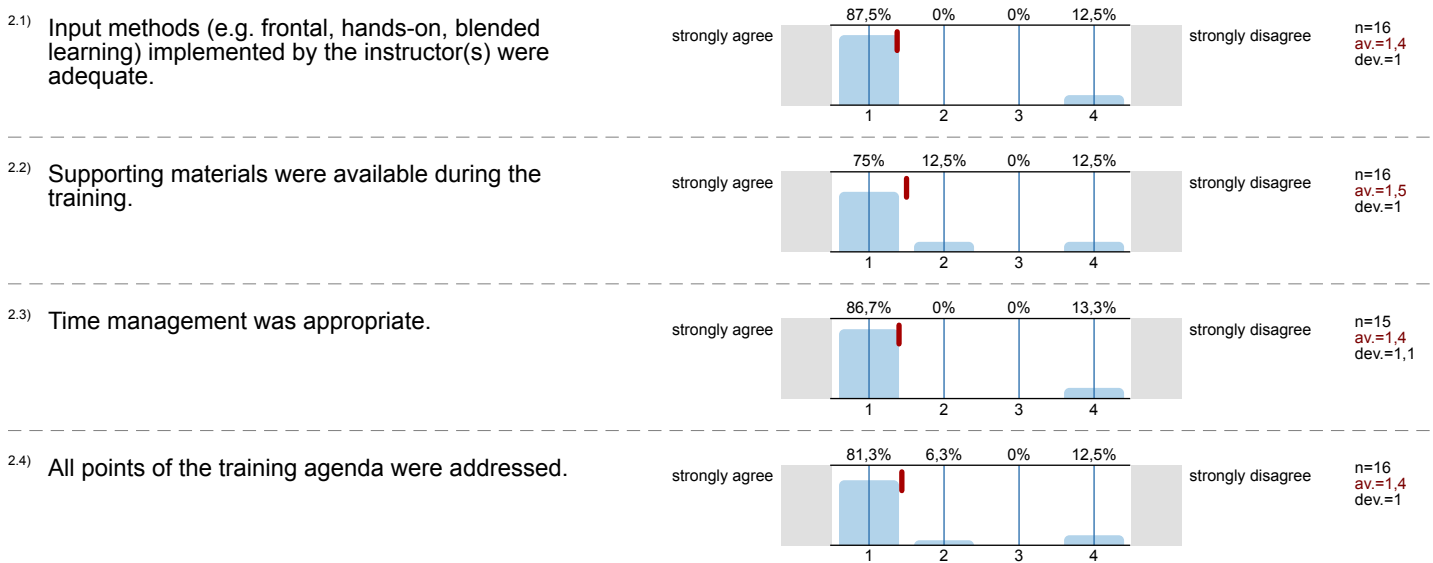


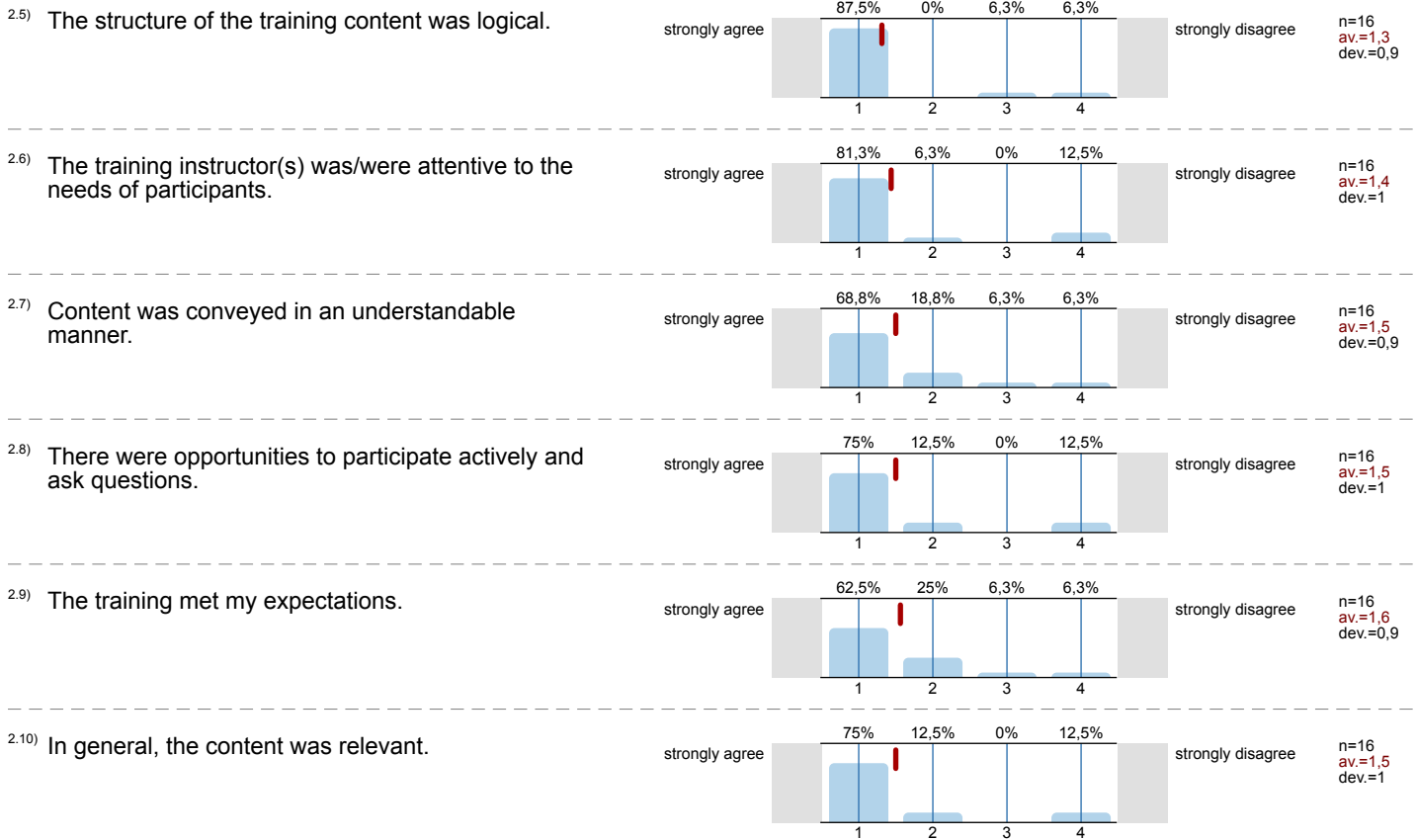
n=No. of responses  
 av.=Mean  
 dev.=Std. Dev.  
 ab.=Abstention

### 1. Logistics aspects



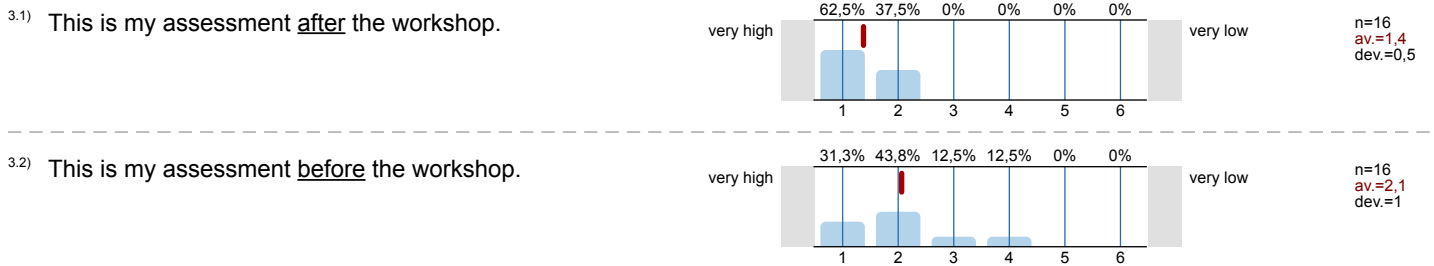
### 2. General aspects of the training



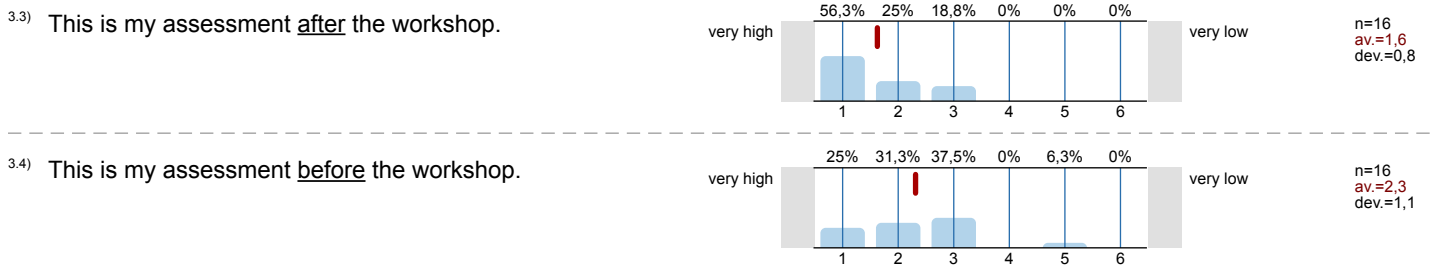


### 3. Learning growth

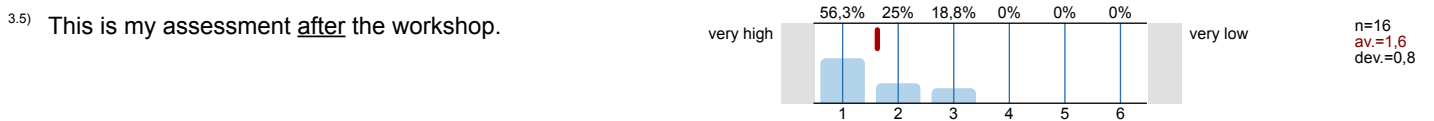
#### The topic of the training is interesting to me.



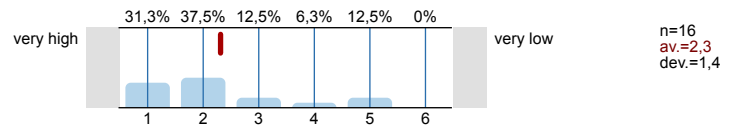
#### I know a lot about the topic of the training.



#### I can apply the content of the training.



3.6) This is my assessment before the workshop.



# Profile

Subunit: INTEC FH Joanneum Graz  
 Name of the instructor: Daniela Wenzl  
 Name of the course: TRAINING 1 22.04. - 26.04.  
 (Name of the survey)

Values used in the profile line: Mean

## 1. Logistics aspects

1.1) I received general information about the INTEC project.	strongly agree		strongly disagree	n=16	av.=1,4	md=1	dev.=0,9
1.2) I received information related to the training content in time.	strongly agree		strongly disagree	n=15	av.=1,5	md=1	dev.=0,9
1.3) I received information to access the online materials in time.	strongly agree		strongly disagree	n=16	av.=1,4	md=1	dev.=0,6
1.4) I received general information related to the venue, travel and accommodation in time.	strongly agree		strongly disagree	n=16	av.=1,5	md=1	dev.=1
1.5) Workshop room facilities were appropriate.	strongly agree		strongly disagree	n=16	av.=1,4	md=1	dev.=1

## 2. General aspects of the training

2.1) Input methods (e.g. frontal, hands-on, blended learning) implemented by the instructor(s) were adequate.	strongly agree		strongly disagree	n=16	av.=1,4	md=1	dev.=1
2.2) Supporting materials were available during the training.	strongly agree		strongly disagree	n=16	av.=1,5	md=1	dev.=1
2.3) Time management was appropriate.	strongly agree		strongly disagree	n=15	av.=1,4	md=1	dev.=1,1
2.4) All points of the training agenda were addressed.	strongly agree		strongly disagree	n=16	av.=1,4	md=1	dev.=1
2.5) The structure of the training content was logical.	strongly agree		strongly disagree	n=16	av.=1,3	md=1	dev.=0,9
2.6) The training instructor(s) was/were attentive to the needs of participants.	strongly agree		strongly disagree	n=16	av.=1,4	md=1	dev.=1
2.7) Content was conveyed in an understandable manner.	strongly agree		strongly disagree	n=16	av.=1,5	md=1	dev.=0,9
2.8) There were opportunities to participate actively and ask questions.	strongly agree		strongly disagree	n=16	av.=1,5	md=1	dev.=1
2.9) The training met my expectations.	strongly agree		strongly disagree	n=16	av.=1,6	md=1	dev.=0,9
2.10) In general, the content was relevant.	strongly agree		strongly disagree	n=16	av.=1,5	md=1	dev.=1

## 3. Learning growth

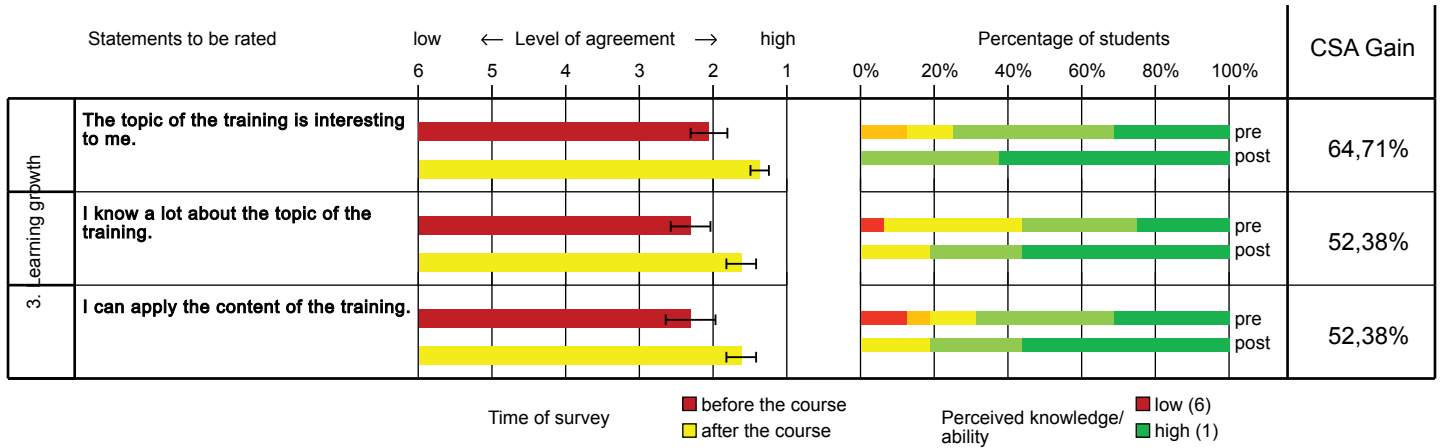
3.1) <b>The topic of the training is interesting to me.</b> - This is my assessment <u>after</u> the workshop.	very high		very low	n=16	av.=1,4	md=1	dev.=0,5
3.2) <b>The topic of the training is interesting to me.</b> - This is my assessment <u>before</u> the workshop.	very high		very low	n=16	av.=2,1	md=2	dev.=1
3.3) <b>I know a lot about the topic of the training.</b> - This is my assessment <u>after</u> the workshop.	very high		very low	n=16	av.=1,6	md=1	dev.=0,8
3.4) <b>I know a lot about the topic of the training.</b> - This is my assessment <u>before</u> the workshop.	very high		very low	n=16	av.=2,3	md=2	dev.=1,1
3.5) <b>I can apply the content of the training.</b> - This is my assessment <u>after</u> the workshop.	very high		very low	n=16	av.=1,6	md=1	dev.=0,8

3.6) **I can apply the content of the training.** - This is my assessment before the workshop.



n=16    av.=2,3    md=2    dev.=1,4

# Outcome-based evaluation



Data presentation adapted from Raupach et al. Med Teach 2011; 33: e446-ee453.  
Error bars indicate standard errors of the mean.

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# Comments Report

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## 3. Learning growth

3.7) Please, indicate the 3 aspects of the training most useful to you.

- 1. practicing theoretical knowledge
- 2. interesting topics
- 3. very dynamic and collaborative environment
  
- 1. Sharing experience
- 2. Communication
- 3. New technic input
  
- 1. Vibration analysis and experiment.
- 2. Fuel cell experiment was something new and very interesting for me.
- 3. I got better knowledge about CO2 emissions for the current technologies.
  
- green transport, decarbonisation of ship transport, green transition of the energy sector
  
- Interesting topics.  
I appreciate the correctness and friendly environment.  
Green energy was in my interest for future studies.
  
- Methodology  
Knowledge  
Collaboration
  
- Principles of hidrogen in thermodinsmics
  
- Sharing experience, practical demonstrations were so interesting and useful
  
- Use of PPT  
USE of experimental models  
Environment and classroom well organised.
  
- Vibration theory  
Thermodynamics  
Hidrogen fuel

3.8) Please, indicate any suggestion to improve this training.

- A little microphone for better hearing
- I don't have any suggestions.
- I do not have any suggestion. Everything was very clear, and the trainers were very handy and helpful when needed.
- I have no specific suggestions.
- It was very interesting and everything was great. I don't think for any suggestions because it was very friendly and everything was good.
- It would be easier for trainers as well as for trainees to have shorter slots by different trainers
- None (2 Counts)
- Nothing
- Too long. Need more concateation

3.9) General comments?

- Everything was great !!!
- Everything was very good.
- I am very satisfied with the training and the topics. I am a Telecommunication Engineering, and my research topic is Air Pollution of NOx with Remote Sensing and Machine Learning Techniques. So I found very useful the training subjects.
- In general everything is ok
- Interesting workshop.



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- It was a valuable time and learned so much from this training. Thank you very much for this opportunity to be part of this training.
  - It was super professional
  - n/a
  - None
  - Welcome of UoM Dean and his staff was excellent.