

HORIZON 2020 CAPACITY BUILDING/ MEDITERRANEAN ENVIRONMENT PROGRAMME
DRAFT EVALUATION REPORT

1. General data of the training

Training code	SWM_N_May2011
Training title	'Study visit on ISWM with focus on integrated systems including WtE & anaerobic digestion'
Country	Netherlands
Schedule	23 - 25 May 2011
Responsible trainer	Jan Manders - Jean-Jacques Dohogne
Number of trainees	11

2. General findings

The training was considered by the trainees as very interesting, informative and very practical. All trainees, having filled in the evaluation forms, mentioned that the program corresponded to the course information they received beforehand.

This is also reflected in the questions whereby the opinion of the trainees was assessed according to a 4 point scale: 100% of the trainees agree or fully agree that they have now a better insight in the theme of SWM. The same applies for the possibility to speak out during the training, the possibility to participate actively as well as the fact that they have been positively stimulated to take initiative in their work. All of them agreed that the program was properly build up, that the used work forms were sufficiently adapted to the theme of the work program and that the exchange program was coached in an exciting and vibrant way.

The trainees highlighted the following aspects as important topics they would like to pay more attention to in the future: planning, technical aspects, economical aspects, operation & maintenance, limitations,.... The elements of the training they would like to be see adapted if the course was to be given again referred mainly to more focus on the qualitative pros/contras of each alternative, more information on financial aspects (diagrams) and software models of plants. This latter was partly solved by providing them on the memory stick with documents (compiled before and during the training). Finally if the training program was to be given again half of the trainees would like to keep as it is. Even though the hotel infrastructure was excellent and high standard some trainees found the location less adequate (read: too far from the city). This is true. However due to other major events going on in Amsterdam those days it was not possible to find a location closer to the city center (so, out of control of the organizer).

3. Evaluation by trainees

11 evaluation forms were filled in by the trainees at the end of the study visit.

Part A Opinions of trainees based on 5 open questions

1. How have you experienced the training program?

- It was unique, first time we saw something on the ground
- Very fruitful
- Very interesting (5x)
- Very promising
- Very practical (3x)
- Very Informative (3x)

2. Did the program correspond to the course information that you have received before your training program?

Yes (11x)

More or less (0x)

- Especially the AEB Amsterdam and Wijster facilities
- WtE is a priority in our program in Lebanon. The information we received during the visit is sufficient to build up our own perspectives
- The objective was to find a sustainable solution for the SWM in Lebanon. I'm now prepared for this

3. Please note some learning points which you want to pay more attention for in the future?

- Possibility to built a WtE plant in Lebanon
- Quantities treated, percentages, technical specifications,...
- Recycling and sorting of waste before incineration (2x)
- Time needed for planning and construction
- Cost aspects
- Comparative table between the various technologies in terms of efficiency, cost, space requirements, operation & maintenance requirements, limitations,...
- Planning stage is very important in the process of shifting to WtE technology
- Energy output is considerable in WtE plants

4. If two or three elements of this training program were to be adapted, what suggestions would you give?

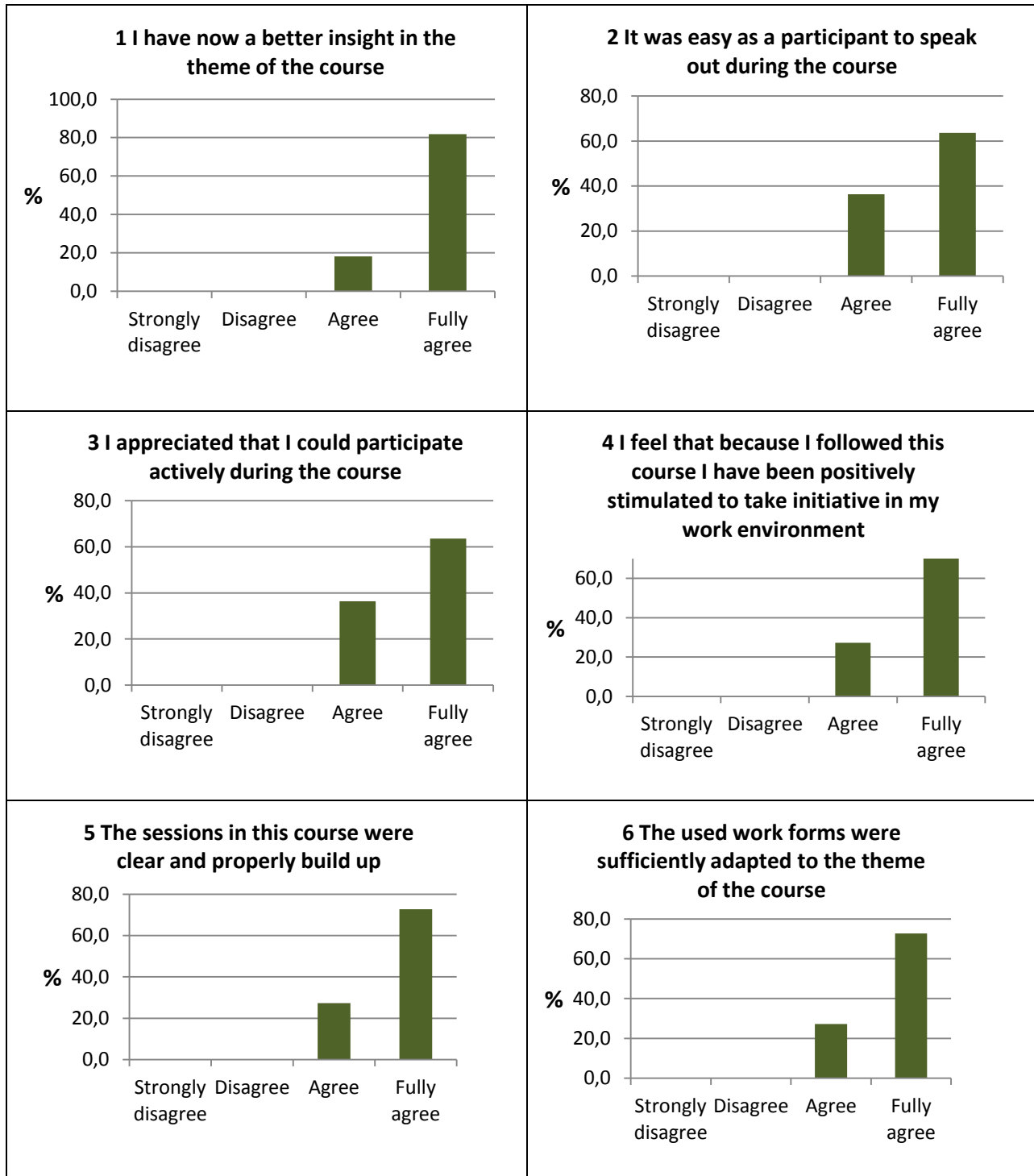
- Integration between literature and visits
- Focus more on the qualitative pros/contras of each alternative
- Keep on mixing between lectures and study tours
- More information on the financial aspects of WtE

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- Heat mass balance & financial diagrams of the various types of plants would be helpful. Also a model of the plant (software) would help
5. If we were to do this course again... What would you really like to keep?
- Visit more than one country
 - I would not change anything (5x)
 - Site visits (2x)

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Part B Opinions trainees according to a 4 point scale for the following 10 questions



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