

## Evaluation report Sustainability

The evaluation committee has evaluated the course Sustainability by sending an online questionnaire to 23 students. 14 students filled in the questionnaire, which gives a response of 61%.

***The overall appreciation for the course Sustainability is marked with a 6.6, which is slightly below the norm of a 7. The relevance of the courses is valued with a 6.6 and the contents of the course are regarded as not very interesting (6.9). The teacher is available for questions (9.0) and the concept of the course is seen as a good addition to the SET-curriculum. Furthermore, the workshop was appreciated by the students and they think it was a good way to end the course 9,3.***

These are the main conclusions of the evaluation. The interpretation is based on the remarks of the respondents. For an overview of the results, see the graph at the end of this report.

### Recommendations by the committee:

Sustainability is a new course in the SET curriculum and there is space for improvements. The respondents did not give enough uniform comments at the questions however, it is therefore hard to write recommendations. Some comments by the students that could be useful for improving the course are mentioned below:

*“The concept of the course is very good and we dealt with interesting topics. Especially in the first semester however we did some quite boring and useless stuff, such as the poster about Desertec. Most cases were interesting, but we didn't have enough time to do them. It would be better to have less cases and more time per case. If the prior described disadvantages are taken away, Sustainability can be a great addition to the SET curriculum.”*

*“Discussions were often too calm and uninspired. Discussion with roleplay already gave more lively discussions. Maybe other options give more speed to the discussion as well. Also when doing case studies, enough time should be available to really make it interesting. A division of half lecture half workshop is better.”*

*“When making a poster, first a few lectures researching technologies and the poster itself should be made in 1 or 2 lectures. The planning of the course only in a half year time (every week) and not on Monday 8/9 hour (Everyone is more motivated when the course is earlier). Make a planning for the presentations at the start of the course (everybody has to make a presentation). Guest lecturers like the ones from the UT are very interesting. A case study of energy use of the University itself is very close by for everyone. Maybe it is an idea to make a little excursion to the installation of the cooling pond.”*

*“The goal of the course sustainability is still not clear to me, it was very fragmented and a lot of topics were already addressed in other courses. Sustainability issues are for example already discussed in TSD. Biomass was already covered by the course energy from biomass. I thought that the final goal was to see the sustainable energy technologies in a broader perspective. If you work for example at a company and you want to make it more sustainable how to start? With such a question all topics come together. Maybe a cooperation with UT-duurzaam, the Batavierenrace or a company can be very interesting.”*

## Remarkable Facts:

- Students do not agree about the question concerning overlap between sustainability and the other courses. It is therefore hard to give an answer to this question. One student complained about the overlap of Sustainability and mentioned that several topics were already covered by the courses TSD and Energy from Biomass (see the comment above).
- 8 students regarded the speed of the lectures as too slow, 5 students thought the speed was good.

## Overview:

- Most marks are given on a scale from 1-5 and converted to a scale from 2-10 by multiplying with a factor 2. For master courses, a mark of 7.0 or higher is sufficient.
- The height of the bars in the graph represents the mark. The thin line at the top of the bars gives the standard deviation.

Orange	General
Yellow	Lectures
Blue	Study material
Purple	Examination / Final Assignment

Marks	
Total appreciation	6.6
Ability to study	Not applicable
Relevancy	6.6
Quality of education	Not applicable
Coordination / planning	7.7
Examination / Assignments	Not applicable

