



CLEAN kWAT

Integrating Environmental Considerations into Energy Systems Development

FIRST MULTIPLIER EVENT - ENERGIACLUB

DATE:

13/03/2018 16:30

LOCATION:

Budapest University of Technology and Economics, 1111 Budapest, Egyetem rakpart 1-3.

EVENT IN DETAILS:

On 12 March 2018, the first Hungarian multiplier event - organized by Energiaklub - was held in Budapest University of Technology with 13 participants: students, professors, experts and PhD students. Participants were very interested in the project, and in addition to their useful feedback, they also inquired about future participation in the project and utilization of the main learning outputs.

Participants: 3 teachers, 1 expert, 1 PhD student, 8 Bsc or MSc students

13 participants in total

In the first section of the event, participants were getting familiar with CLEAN-kWAT project: the project goals and the target groups. They also got a comprehensive picture about ERASMUS+ projects.

In the second section, the main focus was on the learning outcomes of the project (book, documentaries, e-learning material).



After the introduction of the project, participants added their views, suggestions about the utility of the learning outcomes and they also spoke about their experiences on learning about energy systems, renewable energies and environmental effects of energy production. According to their feedback, it seems, that there is a lack of knowledge on this field of engineering studies.

At the end of the event, participants filled out a questionnaire related to the project.

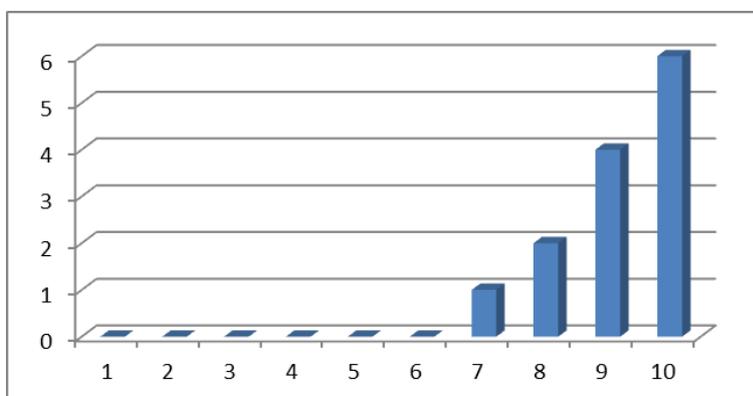
See the results below:



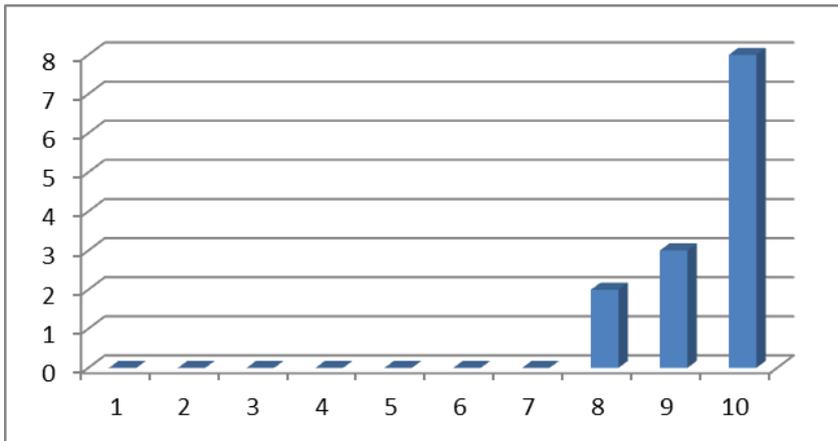
Results of the questionnaire

(1= Not at all; 10 = Completely)

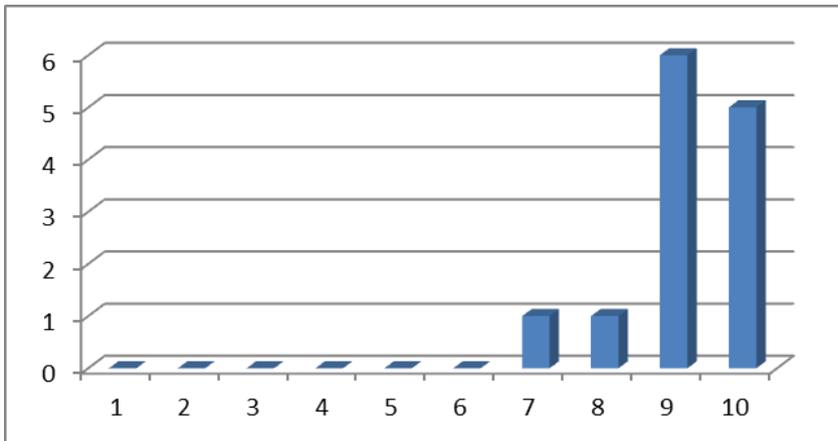
How clear are the objectives of CLEAN-kWAT project for you?



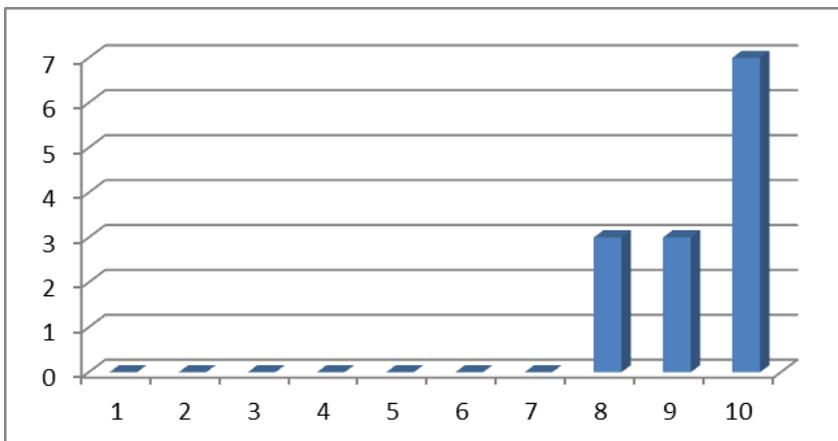
The material was well organized and presented on the event



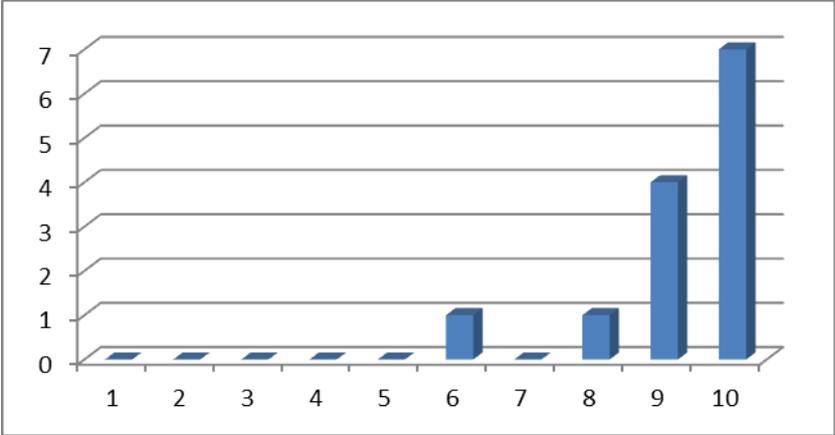
The target group is selected appropriately



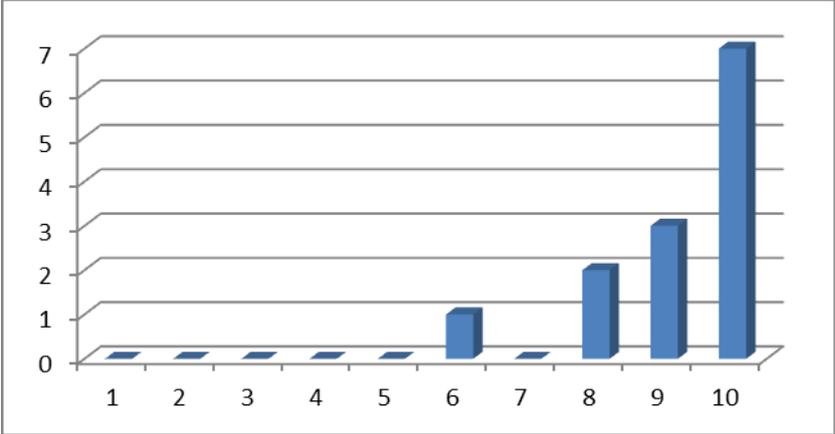
The products are appropriate for the target group



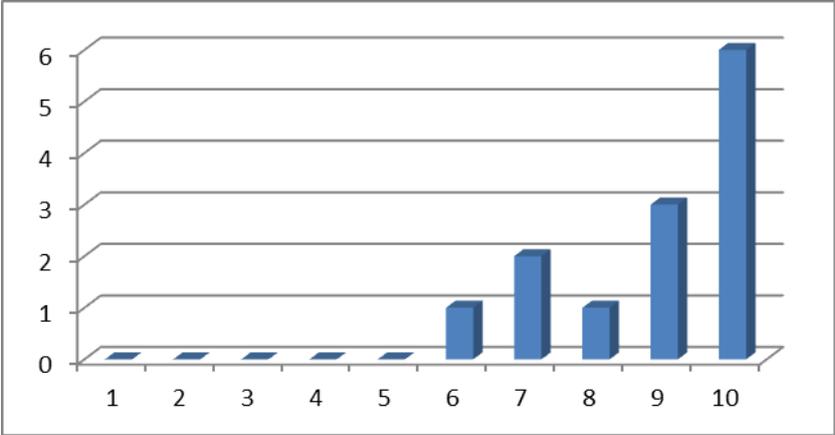
How useful do you find the learning outcomes of CLEAN-kWAT project for your field of expertise and for the target group you represented?



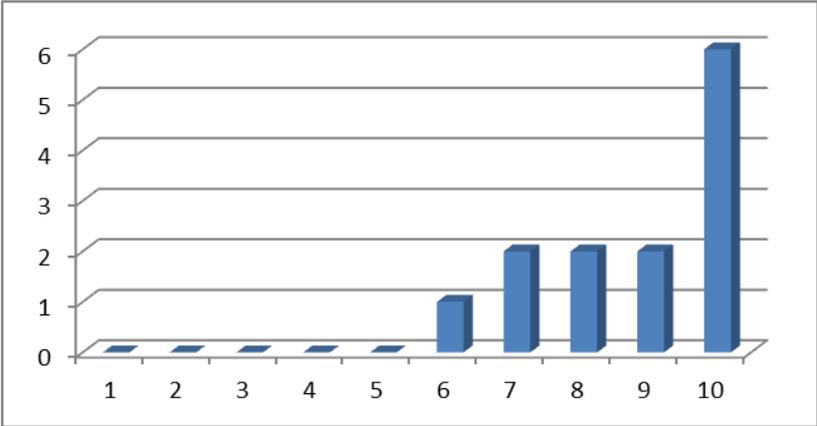
How useful do you find the book for your studies / field of expertise



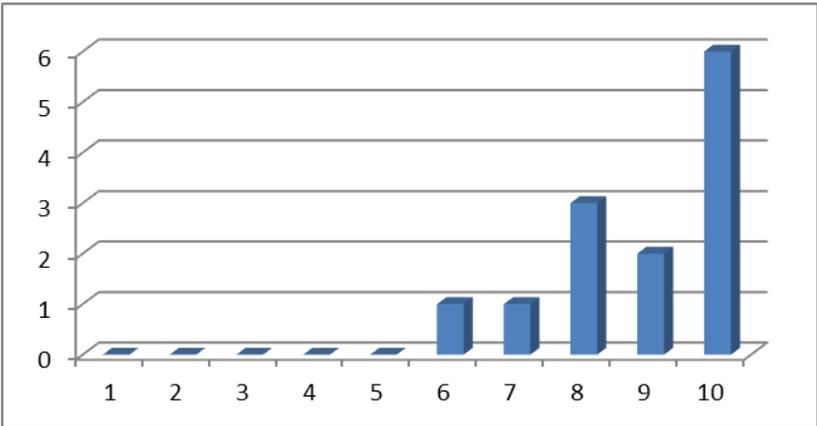
How useful do you find the documentaries for your studies / field of expertise?



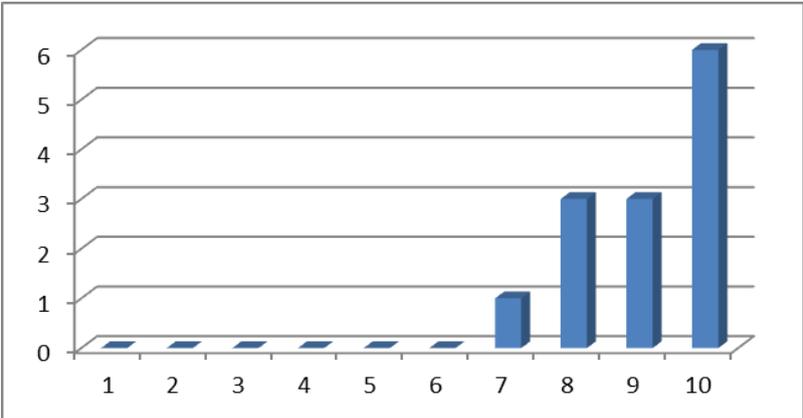
How useful do you find the e-learning materials for your studies / field of expertise?



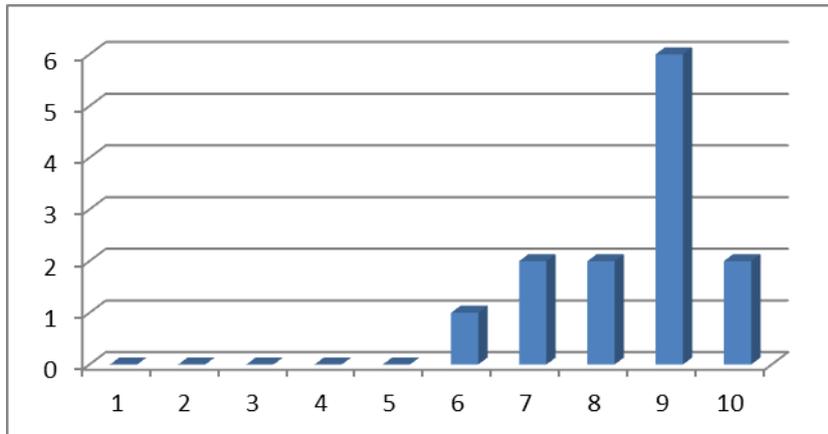
Do you think that CLEAN-kWAT project will be sustainable in terms of its results and outcomes?



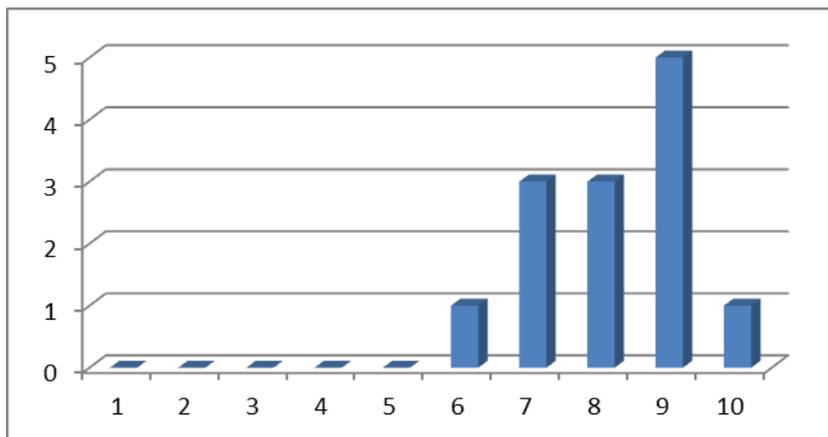
Do you think that the products of the project exhibit a level of flexibility and adjustment to changing conditions and needs with regards to the target groups identified?



To what extent do you believe that the training materials offer professional advice for the target groups reached?



What can you say about the innovative aspect of the materials that are produced in the project?



Additional notes:

What was the most important / most interesting thing for you to learn on this event?

- The importance of environmental effects of energy production
- Renewable energies will drive the energy systems of the future
- How weak is the knowledge of engineer students about renewable energy
- To know about this project
- The existence of a book and e-learning materials from which we can learn about energy systems and environmental aspects in details

Which is the weakest point of learning outcomes of CLEAN-kWAT project?

- Some chapters of the book are weak, not enough content, not the highest level
- Not enough knowledge about climate change
- The number of people involved in the project

What should be improved in the Project in connection with the learning outcomes? What do you miss?

- More chapters to the book and more Q&A
- Let more people know about the project
- Give the learning materials to all technological universities
- Hold trainings for teachers and students based on this project

If you could redesign a part of a product / learning outcome, what would you change?

- The chapters of the book
- Nothing
- The number of chapters and documentaries

What is the most important information, knowledge or attitude the project and its outcomes offer you, that can be used in your studies / daily work?

- The information about renewable energy systems (especially about solar energy)
- The ecological footprint calculation
- The book
- E-learning materials

Please share any other comments, proposals you have, in order to strengthen or improve the products and learning outcomes of the project:

- Let us know if anything new will come out during the project