

EVENT REPORT FORM

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| Type of event | Training |
| Venue | University of Natural Resources and Life Sciences, BOKU, Muthgasse 107 , Vienna, AUSTRIA |
| Date | 04 February-06 February 2020 |
| Organizer | University of Natural Resources and Life Sciences, BOKU |
| Reporting date | 10 February 2020 |
| Report author(s) | Milan Gocic, Michael Tritthart |

EVENT DESCRIPTION

with special reference to goals and outcomes

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|-------------------------------------|-----------------------|
| Number of participants at the event | 21 |
| Participants (organisations) | All SWARM WB partners |
| Event description: | |

The sixth theme based training of teaching staff for acquiring new teaching and learning methods of the Erasmus+ CBHE project “Strengthening of master curricula in water resources management for the Western Balkans HEIs and stakeholders” (SWARM) was held at the University of Natural Resources and Life Sciences (BOKU) from 04th February to 06th February 2020. All WB project partners took part at this training.

Twenty-one representatives from 8 partner institutions were present at the training (18 out of 21 were from WB partner HEIs – UNI, UNS, UNSA, UNMO, UPKM, TCASU and UoM).

University of Nis



**Strengthening of master curricula in water resources management
for the Western Balkans HEIs and stakeholders**

First day

After the participants' registration, which started at 09:30, Michael Tritthart, contact person at BOKU for the SWARM project and WP1 leader, presented the agenda and welcomed participants.

After that, Dr Elisabeth Weber presented innovative teaching practices and online learning methods. She explained the meaning of learning outcomes as statements about competences, knowledge and attitudes that students are expected to have acquired at the end of a unit, course or module. Defining desired and expected learning outcomes is always the starting point for the development and planning of a course using the didactic concept of constructive alignment. It is recommended practice to formulate five to seven learning outcomes per course. Also, selecting appropriate content and methods significantly influence our students' learning success. Moreover, the questions in an assessment test need to be aligned with the learning outcomes; the course presented methods how to achieve this.

The first training day finished at 17:30.

Second day

The second day started at 09:15 by the meeting at the Wien Mitte – Landstraße metro station and departure to the field trip. The field trip was to the Waste Water Treatment Plant of Vienna (<https://www.ebswien.at/en/wastewater/start/>). The wastewater treatment system is modelled on nature. Microorganisms and bacteria biologically degrade pollutants in the wastewater as they would in natural waters – up to 100,000 kg of carbon, 30,000 kg of nitrogen and 5,000 kg of phosphorus daily. Thanks to the sophisticated plant technology, this process takes place much more quickly and more effectively than in a natural environment. 20 hours later, the purified water leaves the plant to return to the Danube River via the Danube Canal.

Thanks to the excellent purification rates of the treatment plant the company can achieve its goal, which is to see the Danube's waters off the same clean way we welcomed them into the city. This is the company's contribution towards environmental protection and quality of life in Vienna.

At 13:00 started the visit at the hydro power plant Freudenau (<https://www.verbund.com/en-at/about-verbund/power-plants/our-power-plants/vienna-freudenau>). VERBUND's Freudenau plant is a run-of-river power plant on the Danube, within the urban area of the Austrian capital of Vienna. At the Danube power plant Freudenau, a fish bypass was included in the planning from the outset for the very first time. The power plant is equipped with six Kaplan bulb turbines which, with an impeller diameter of 7.5 metres, number amongst Europe's biggest. The power plant generates approx. 1,093 GWh of electricity annually.

The central control room at Vienna-Freudenau has controlled all nine Danube power plants, with the exception of Jochenstein, since 2011.

The second day finished at 15:30.

Third day

The third day started at 09:15. Michael Tritthart presented the e-learning system BOKUlearn. Daniel Wildt presented eLearning exercises and tests.

The second part of the day was oriented to the lab and pilot facilities visit. The participants visited the Laboratory of the Institute of Hydraulic Engineering and River Research as well as the Laboratory of the Institute of Sanitary Engineering. Various different experiments were shown and explained in depth.

The third day finished at 15:00 with the general discussion and closing remarks.

Attachments

| | |
|------------------------|--|
| Agenda (pdf) | SWARM training - Agenda |
| Attendance list (pdf) | SWARM training - Attendance lists |
| Photos (jpg) | Photos on website and project platform |
| Presentations (pdf) | 01 Theme Based Training Agenda - Michael Tritthart 02 e-learning exercises - Daniel Wildt |
| Other personal remarks | |
| | |

Organisation details

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| Date of event material release | 04 February 2020 |
| Date of participants list's finalisation | 04 February 2020 |
| Date of agenda finalisation | 04 February 2020 |
| Number of participants (according to the attendance list) | 21 |
| Comments | |
| | |

Problems encountered during the event preparation phase

Please add your comments, if any:

Strengths and limitations of the event (please include comments received)

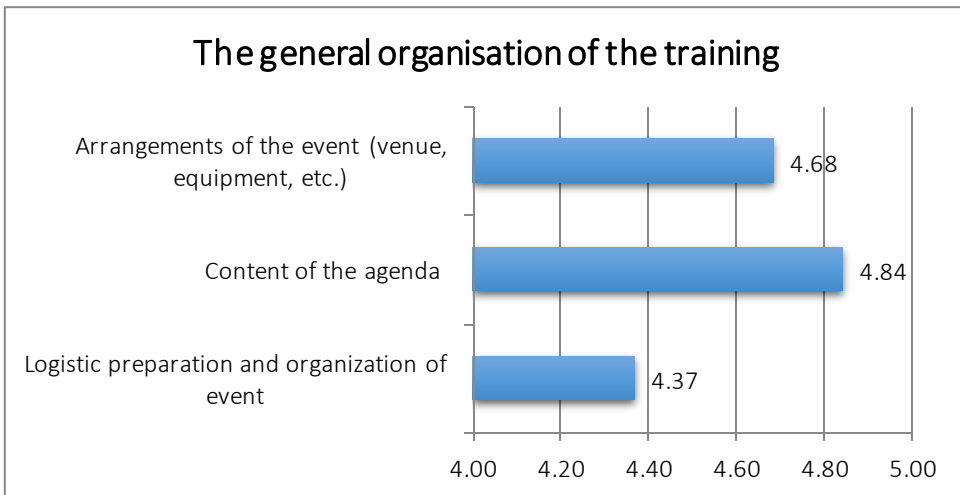
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|--|--|
| Strengths of the event and contributions or activities by participants | |
| Suggestions for the improvement | |
| Any further comments | Training was excellent organised with the participation of all WB representatives. |

Evaluation details

Results of evaluation of the general organisation of the event

| Description | | | | | |
|--|-----------|------|------|-----------|-----------|
| The general organization of the training was evaluated with very high marks. The event was organized totally in line with the previous defined agenda. | | | | | |
| Table/Figure | | | | | |
| The general organisation of the workshop | | | | | |
| Grading | Very poor | Poor | Good | Very Good | Excellent |
| Logistic preparation and organization of event | 0 | 0 | 15.8 | 31.6 | 52.6 |
| Content of the agenda | 0 | 0 | 0 | 15.8 | 84.2 |
| Arrangements of the event (venue, equipment, etc.) | 0 | 0 | 5.3 | 21.1 | 73.6 |

The general organisation of the training



| Category | Average Score |
|--|---------------|
| Arrangements of the event (venue, equipment, etc.) | 4.68 |
| Content of the agenda | 4.84 |
| Logistic preparation and organization of event | 4.37 |

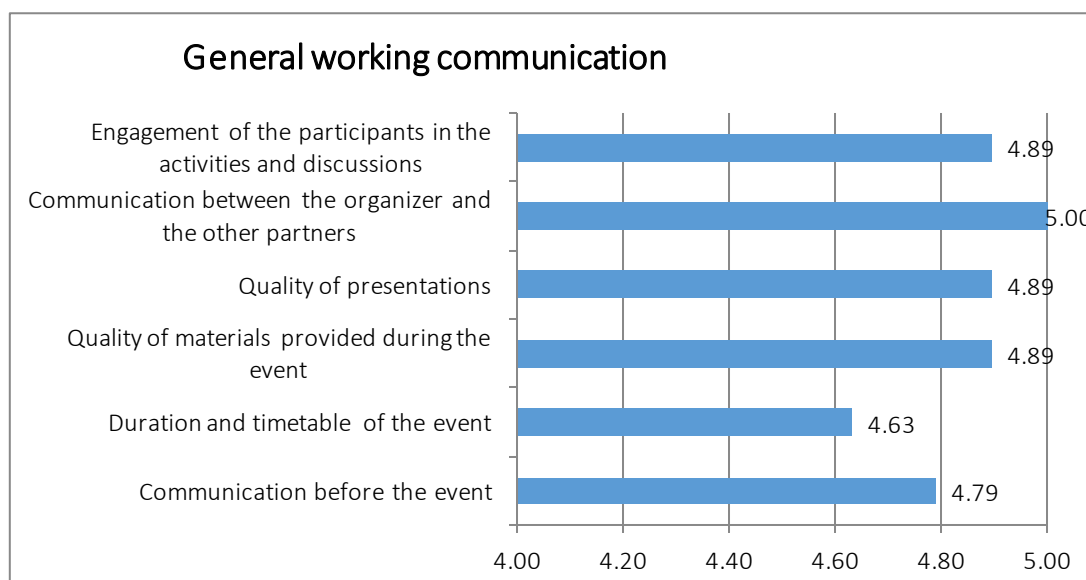
Results of evaluation of general working communication

Description

The general working communication was evaluated with high marks. The host members were up to the task.

Table/Figure

| General working communication | | | | | |
|--|-----------|------|------|-----------|-----------|
| Grading | Very poor | Poor | Good | Very Good | Excellent |
| Communication before the event | 0 | 0 | 0 | 21.1 | 78.9 |
| Duration and timetable of the event | 0 | 0 | 5.3 | 26.3 | 68.4 |
| Quality of materials provided during the event | 0 | 0 | 0 | 10.5 | 89.5 |
| Quality of presentations | 0 | 0 | 0 | 10.5 | 89.5 |
| Communication between the organizer and the other partners | 0 | 0 | 0 | 0 | 100.0 |
| Engagement of the participants in the activities and discussions | 0 | 0 | 0 | 10.5 | 89.5 |



Results of evaluation of overall success of the event

Description

The overall success of the training was evaluated with high marks. All WB partners had an opportunity to express their opinion through discussion. The training was excellent organized, same as field trip.

Table/Figure

Overall success of the event

| Grading | Poor | Very poor | Good | Very Good | Excellent |
|--|------|-----------|------|-----------|-----------|
| Mode of reaching the decisions at the event | 0 | 0 | 0 | 15.8 | 84.2 |
| Opportunities to express your opinion and influence decisions | 0 | 0 | 0 | 5.3 | 94.7 |
| Objectives in the agenda regarding the SWARM project are reached | 0 | 0 | 0 | 10.5 | 89.5 |
| Discussion of tasks for the upcoming activities and events | 0 | 0 | 0 | 5.3 | 94.7 |
| Assignment of follow-up tasks | 0 | 0 | 0 | 5.3 | 94.7 |

Overall success of the training



Please indicate your suggestions for further event's improvement:

This project has been funded with support from the European Commission. This publication reflects the views only of the author, and the Commission cannot be held responsible for any use which may be made of the information contained therein.