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NextGEng Project

WP2

Tailored training process

Deliverable R2.6.c

Training seminar follow up Report

April 2024

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WP2	R2.6.c Training seminar follow up Report
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Short Description	This report presents an analysis of the feedback collected from participants who took part in the virtual training day held online on 22 February via MS Teams. The aim of the activity was to evaluate the effectiveness of the training and its impact on teaching practices.
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1. Introduction

WP2 activities help teachers to reflect on different teaching and learning methods and to strengthen their competence in student-centered teaching, taking advantage of international co-teaching opportunities.

The second virtual training day started with a pre-assignment followed by a virtual seminar and workshop. The aim of the pre-assignment was to get those participants who had already implemented upgraded courses in collaboration between different universities, using experts from industry, to reflect on their successes in their courses and the methods they had used to overcome difficulties.

The seminar started with a summary of the feedback collected from teachers and students, to get a broader picture of how the course updates had affected the courses. Next, two different perspectives from the courses outside of the NextGEng project on student-centeredness were discussed, followed by workshops in which teachers of each course reflected on how to further improve their own implementations.

To monitor the impact of the training day, feedback was collected from participating teachers after the training day held online on 22nd of February.

The survey addresses the following qualitative indicators associated with the WP2 activities:

Table 1. Indicators associated with the WP2 activities.

No.	Qualitative indicator	Activity	Target group	Indicator Code
1	- positive feedback from 70% participants related to training activities	A2.6	Teachers	Q1
2	- 70% of courses from the first round autumn semester have improved teaching process	A2.6	Teachers	Q2

2. Results of the feedback questionnaire on the virtual training day

Feedback on the training days was requested and collected from all participants of the Training seminar on 23rd February- 3rd April 2024. Invitations to answer were sent as a personal answer link via e-mail. The questionnaire included the respondent's background information and two questions to be evaluated.

In the first question of the questionnaire, seven items describing the success of the whole were evaluated on a scale of Disagree – Partially disagree – Partially agree – Completely agree. The second question asked for free-form feedback on success. The third question asked for free-form feedback on how the event can be developed.

Altogether 22 responses were received. The number of respondents with background information is shown in Table 2 and 3. All the respondents did not answered for all the questions.

Table 2. Respondents background information.

Background of the feedback contributors of the virtual training day 22 nd of February	
Course and HEI	Number of respondents
C1 - Strength of materials	4
C2 - Industrial automation	3
C3 - Design projects	2
C4 - Quality assurance and Applied Methods	1
C5 - Computer aided design	2
C6 - Manufacturing Technology	4
TUCN	10
Jamk	3
UJA	9
Sum of respondents	22

Table 3. Respondents background information.

Participants of the virtual training day 22 nd of February	
Was your course implemented in the first round	
Yes it was	No, it was not
8	12

First question: Evaluate the improvement of the course.

The results of the question are presented next.

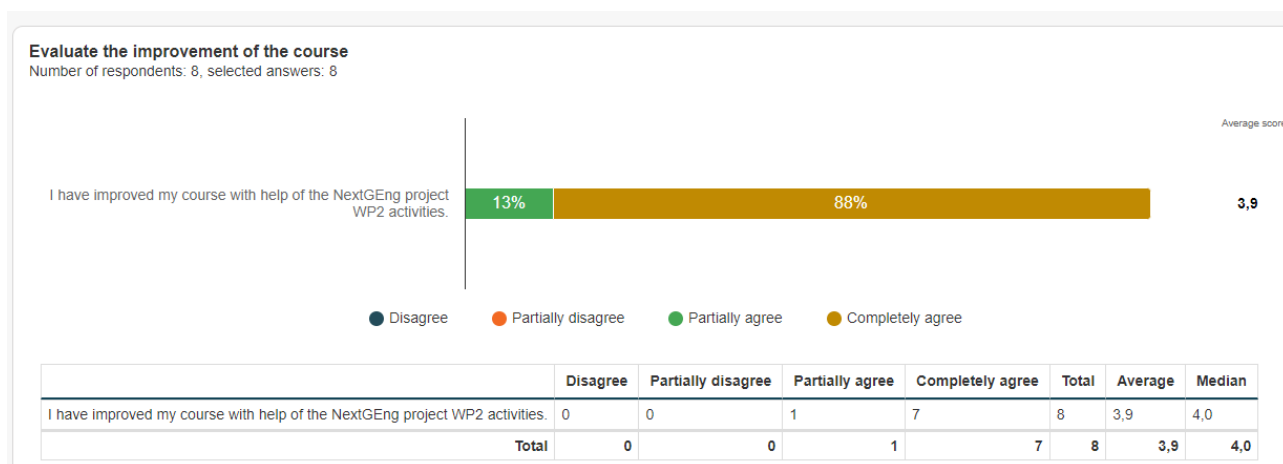


Figure 1. The results to the Question 1. Number of respondents 8.

Second question of the questionnaire: Evaluate the success of the Training Day?

The results of the question are presented next.

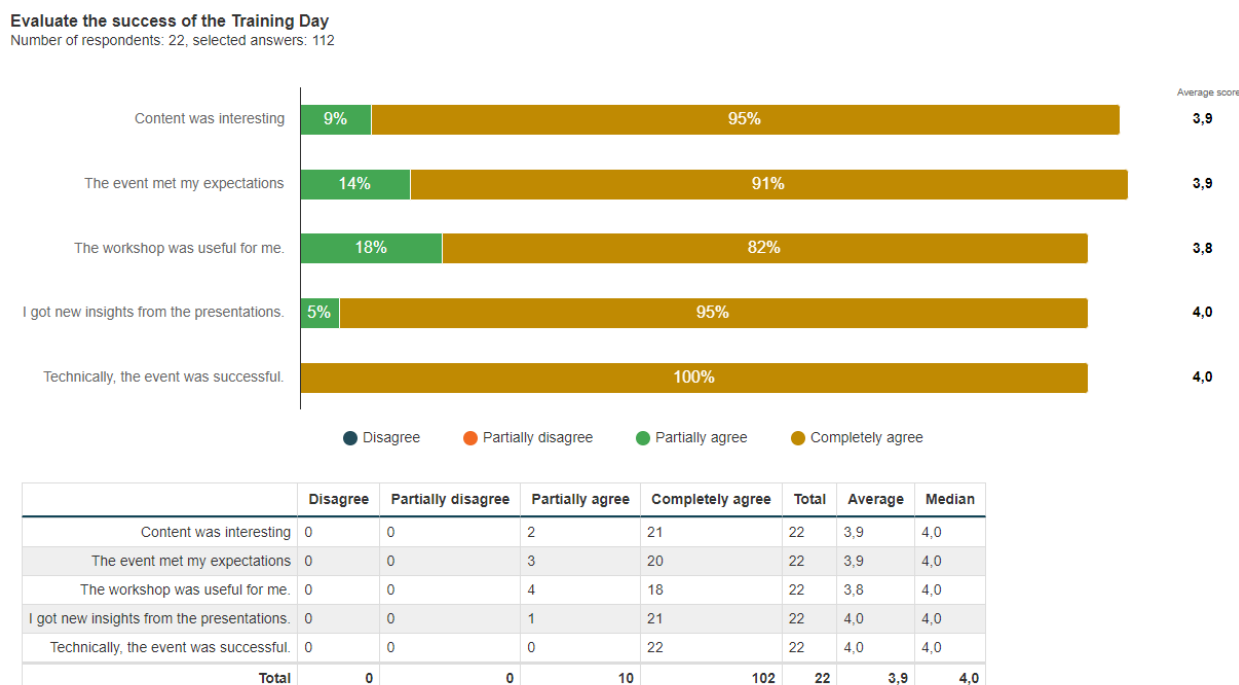


Figure 2. The results to the Question 2. Number of respondents 22.

The goals of the qualitative indicators Q2 (see Table 1.) set for the Training seminar were achieved.

Table 4. Indicators and results associated with the WP2 activities.

Indicator code	Qualitative indicator	Subject to be evaluated	Result
Q1	- positive feedback from 70% participants related to training activities	Content was interesting.	100 % Completely or partially agree
		The event met my expectations.	100 % Completely or partially agree
		The workshop was useful for me.	100 % Completely or partially agree
		I got new insights from the presentations.	100 % Completely or partially agree
		Technically, the event was successful.	100 % Completely or partially agree
Q2	- 70 % of courses from the first-round autumn semester have improved teaching process	I have improved my course with help of the NextGEng project WP2 activities	100 % Completely or partially agree

3. Conclusions

The second training day brought together participants from the consortium and associate partners institutions and provided a focused opportunity to strengthen skills in student-centered pedagogies, digital tools, and international co-teaching. Quantitatively, the activity exceeded expectations, with 39 participants compared to the target of 26. Qualitatively, the results were also very strong: 100% of participants gave positive feedback on the training, and 100% of teachers reported that WP2 support helped them improve their courses, meeting and surpassing both qualitative indicators.

Although the number of responses to the course-improvement question was limited due to only a subset of courses being implemented during the first TTPP round in autumn semester of 2023, the feedback collected demonstrates clear progress in refining course design and applying the Tailored Student-Centered Co-Teaching model in practice. Teachers reported meaningful improvements in teaching methods, co-teaching coordination, and the integration of digital and student-centered approaches. After the spring semester of 2024, the first phase will be completed and a more accurate assessment of the success of the training days will be possible.



Overall, the second virtual training day clearly supported teachers in developing their pedagogical skills and improving the upgraded courses. The discussion and analysis also provided useful insights for refining the second round of the TTPP.

Annexes

Annex 1 – R2.6.a – Agenda of the 2nd training seminar

Annex 2 – R2.6.b – Participant list [Level of dissemination – confidential]



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NextGEng WP2 - Training Day

22.2.2024 | Jamk University of Applied Sciences | Jyväskylä | Finland

Thursday 22.2.2024

Webinar starts at 9:30 (UTC+2)

Zoom: <https://jamk.zoom.us/j/63645809763>

Organizer: P1 - Jamk University of Applied Sciences

Goals of the days

- Understanding student-centeredness and international co-teaching and teaching methods and digital tools.
- Benchmarking each other's methods and tools.
- Combine understanding of student-centeredness and international co-teaching into a common way to implement the courses.

** Please note that minor changes to the agenda are possible.*

AGENDA

Session 1 – Participants: NextGEng consortium partners

9:30 - 9:45 Opening the Training Day

Welcome words by the Jamk Project Manager Anneli Kakko and the NextGEng Project Manager Ciprian Lapusan

Second WP2 Tailored Training Seminar by Petri Luosma

Program and goals of the day.

9:45 - 10:45 Summary of the surveys

This session Petri Luosma and Tarja Moilanen will present the results of a survey for teachers on teaching and a survey for students on learning.

Session 2 – Participants: NextGEng consortium partners, Associate Partners & Guests

10:45 - 11:30 NextGEng Team-Teaching Pilot Program

Fostering excellence in engineering education - NextGEng Team-Teaching Pilot Program, C. Lapusan (Concepts, Planned Activities and Estimated results)

Discussion about the NextGEng pilot programme with Associate Partners and Guests

11:30 - 12:15 Lunch break

Session 3 – Participants: NextGEng consortium partners. Optional for Associate Partners & Guests

12:15 - 13:00 Students-centeredness concepts and implementation

Case studies of students-centeredness by Senior Lecturer Marjo Turunen and Senior Lecturer Ville Kotimäki.

13:00 - 13:50 First round of Team-Teaching Pilot Program [/good practices]

Groups C1, C3 and C4 will present their preliminary task outputs. 5 min./group.

Workshops in the small groups

Groups C1, C3 and C4: What was learned from the first implementation? How will future implementations be developed?

Groups C2, C5 and C6: What was learned from the presentations of C1, C3 and C4 first implementation? How will future implementations be developed?

13:50 - 14:25 Second round of Team-Teaching Pilot Program

The groups (C1-C6) will share the insights they gained during the workshop, which they will consider in the future implementation of their courses. Maximum 5 minutes per group.

14:25 - 14:30 Conclusions and closing the day

Closing words from Jamk Project Manager Anneli Kakko and WP2 Leader Petri Luosma