



Co-funded by the
Erasmus+ Programme
of the European Union



WP6.3 Quality and Monitoring Report (M30)

September 2023

CONTENTS

1. INTRODUCTION	4
2. PROJECT PERFORMANCE	4
2.1 Project Evaluation	4
2.1.1 Analysis of scaled questions	5
2.1.2 Additional comments	10
2.1.3 Overall Conclusions	10
3. POST MEETING EVALUATION	11
3.1 Physical Meeting Evaluation	11
3.1.1 Analysis of scaled questions	12
3.1.2 Additional comments	15
3.1.3 Overall Conclusions	15
3.2 Online Meeting Evaluation	16
3.2.1 Analysis of scaled questions	17
3.2.2 Additional comments	18
3.1.3 Overall Conclusions	19
4. POST- WORKSHOP EVALUATION	19
4.1 Physical Workshop Evaluation	19
4.1.1 Analysis of scaled questions	20
4.1.2 Additional comments	23
4.1.3 Overall Conclusions	24
4.2 Online Workshop Evaluation	24
4.2.1 Analysis of scaled questions	25
4.2.2 Additional comments	27
4.2.3 Overall Conclusions	27
5. POST- TRAINING EVALUATION	27
5.1 Training Evaluation	28
5.1.2 Open ended questions	32
5.1.3 Overall Conclusions	33

Project acronym	Eco-Car
Project full title	Vocational Training Diploma on Electrical and Hybrid Vehicles
WP No & Title	WP6 Quality and Impact Evaluation
Responsible partner	WP6 Leader: UD
Contributing partners	Co-leaders: TTU, ZUJ, BME Quality Committee: UJ, JUST, MU, TTU, BAU, HTU, ASU, ZUJ, TH OWL, RWTH, UD, BME, NTUA, UNIVAQ
Distribution level	Partnership
Total number of pages	33
Version	1
Language	English
Reviewed by	Co-Leaders and QC Members
Status	Approved

Revision History

Version	Date	Description	Action	Page(s)
1		Original document	C	

(*) Action: C= creation, I=Insert, U=Update, R=Replace, D=Delete

Disclaimer

This project has been funded with support from the European Commission. The European Commission's support for the production of this publication does not constitute an endorsement of the contents, which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

1. INTRODUCTION

This report will accumulate, analyse and summarise the results from the quality evaluations done during the 5th semester of the Eco-Car project (01/01/2023 to 30/06/2023).

The elements that were identified and evaluated during this period were:

- Project performance.
- Management Meetings.
- Steering Committee Meeting.
- Workshops.
- Training.

2. PROJECT PERFORMANCE

The project evaluation among partners is performed at each half-year's end, except first year (M12, M18, M24, M30, M36). It aims to measure the efficiency of project management and the adequacy of the communication in the partnership, so as to reflect the views of the consortium on its progress, including any suggestions for changes and improvements.

In order to collect quantitative and qualitative data, each partner's project representative was asked to rate the project in a questionnaire made using an online digital survey tool that allowed respondents to remain anonymous. Finally, the assessment was done by analysing the responses from each partner to these questions.

If, after processing the results, the Quality Manager finds that one or more are below the expected performance, he notifies the Project Coordinator in order to set forth problem-solving procedures.

The delivery of the questionnaires and the collection of results of this internal evaluation was done using Google Forms. Elaboration of results was done using MS Excel.

2.1 Project Evaluation

The "*Project Evaluation*" survey contained 22 items, separated into the following parts

- Part 1: Project Management.
- Part 2: Internal Communication.
- Part 3: External Communication.
- Part 4: Overall Project Progress.
- Personal info.

Parts 1 to 4 contained closed questions (5-point Likert scale), in which respondents had to give a grade between 1 and 5, with 5 being the highest (fully agree) and 1 the lowest (fully disagree). The possibility to provide comments at the end was provided.

At the end of the survey, respondents were asked regarding their personal data, for the purpose of ascertaining partner participation. Some of this information was optional for the participants in order to preserve their anonymity.

Partners were allowed to submit their answers during the period from July 10th, 2023 to July 18th, 2023.

Out of 14 participants in the survey, 12 responses were received, coming from Quality Committee Members (85,71% participation in the survey). This is illustrated in Figure 1. The responses given by the participants are analysed below.

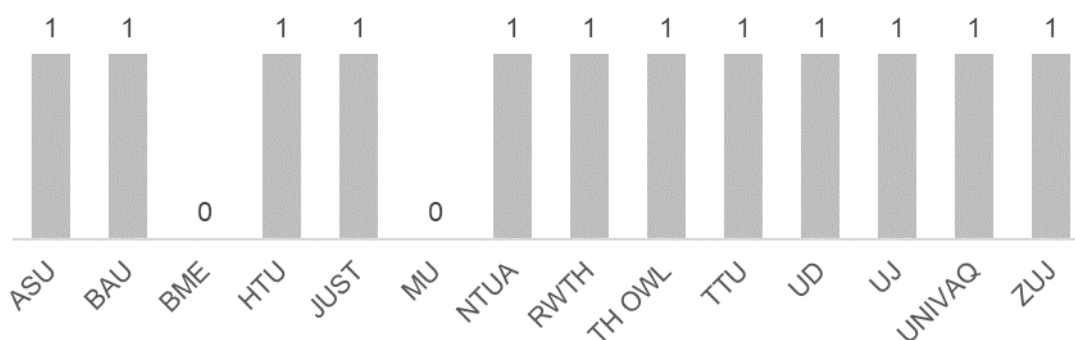


Figure 1. Number of surveys submitted (N=12).

2.1.1 Analysis of scaled questions

In Part 1, Quality Committee Members were asked to rate some questions characterizing the project management.

RESULTS (M30. Project Evaluation)									
		1 Fully Disagree	2 Disagree	3 Neutral	4 Agree	5 Fully Agree	Weighted Average	Combined %	Total
Project Management									
1	I know what the project aims to achieve	0	0	0	2	10	97%	100%	12
		0%	0%	0%	17%	83%			100%
2	The responsibilities for each partner are stated clearly	0	0	0	6	6	90%	100%	12
		0%	0%	0%	50%	50%			100%
3	I am aware what tasks my organisation has to do in the coming months	0	0	0	2	10	97%	100%	12
		0%	0%	0%	17%	83%			100%
4	Feedback from the lead partner is received when a query is raised from a partner	0	0	0	5	7	92%	100%	12
		0%	0%	0%	42%	58%			100%
5	Issues are resolved quickly and effectively	0	0	2	4	6	87%	100%	12
		0%	0%	17%	33%	50%			100%
6	We receive instructions about meetings well in advance	0	0	2	3	7	88%	100%	12
		0%	0%	17%	25%	58%			100%

Table 1. Analysis of responses on 1-5 scale for the Project Evaluation (“Project Management”).

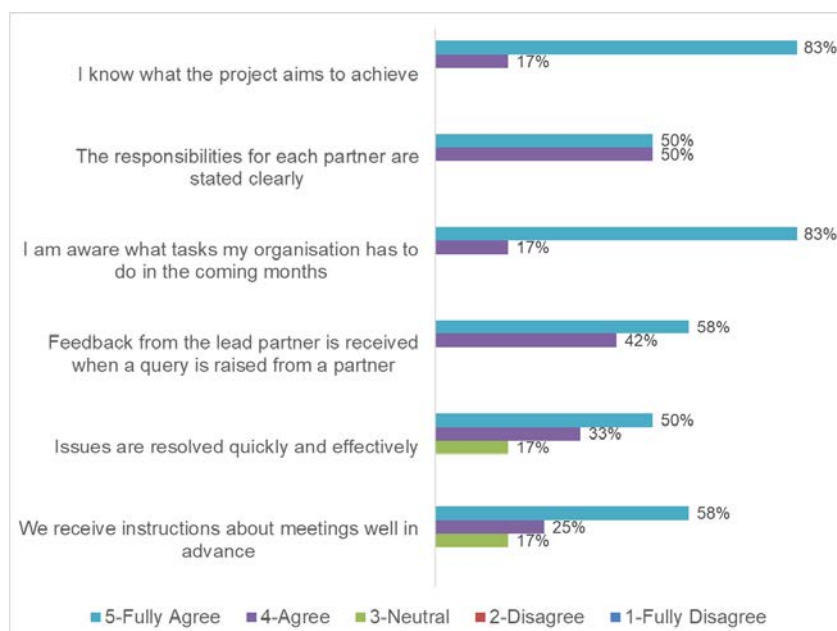


Figure 2. Analysis of responses on 1-5 scale for the Project Evaluation (“Project Management”).

In Part 2, partners were asked to rate some questions characterizing the internal communication.

RESULTS (M30. Project Evaluation)									
		1 Fully Disagree	2 Disagree	3 Neutral	4 Agree	5 Fully Agree	Weighted Average	Combined %	Total
Internal Communication									
7	I'm satisfied with the file-sharing tool used and the method that is used for Project internal communications	0	0	1	5	6	88%	100%	12
		0%	0%	8%	42%	50%			100%
8	Response from partners on raised issues is satisfactory	0	1	1	6	4	82%	92%	12
		0%	8%	8%	50%	33%			100%
9	All partners provide regular updates on their work package activities	0	0	3	5	4	82%	100%	12
		0%	0%	25%	42%	33%			100%
10	There is a good level of communication with the lead partner	0	0	0	6	6	90%	100%	12
		0%	0%	0%	50%	50%			100%
11	There is a good level of communication among all partners	0	0	2	6	4	83%	100%	12
		0%	0%	17%	50%	33%			100%

Table 2. Analysis of responses on 1-5 scale for the Project Evaluation (“Internal Communication”).

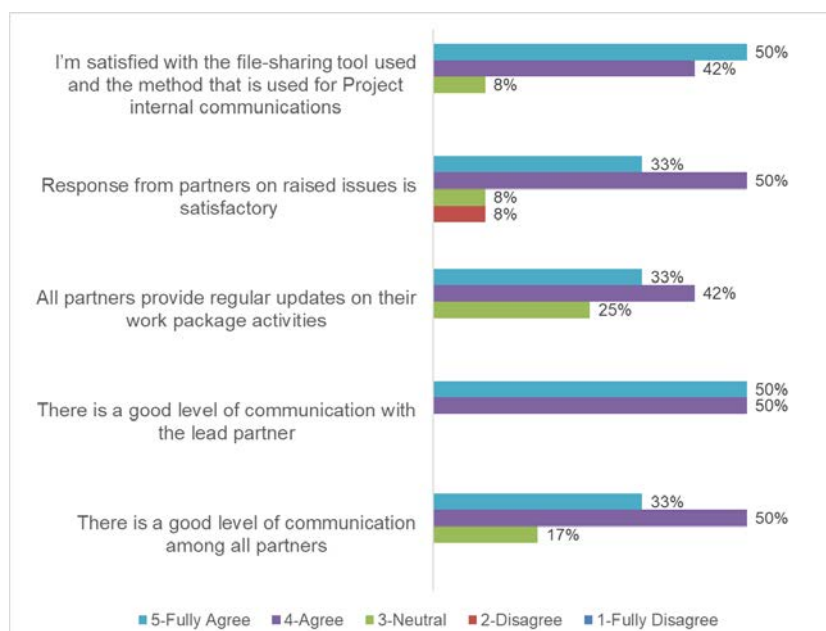


Figure 3. Analysis of responses on 1-5 scale for the Project Evaluation (“Internal Communication”).

In Part 3, partners were asked to rate some questions characterizing the external communication.

RESULTS (M30. Project Evaluation)									
		1 Fully Disagree	2 Disagree	3 Neutral	4 Agree	5 Fully Agree	Weighted Average	Combined %	Total
External Communication									
12	The materials prepared and used (logo, banner, website) have been appropriate and effective for the promotion of the project objectives and results	0	0	1	3	8	92%	100%	12
		0%	0%	8%	25%	67%			100%
13	The project activities so far promote the exploitation of the project findings	0	0	1	2	9	93%	100%	12
		0%	0%	8%	17%	75%			100%
14	The dissemination activities so far are in line with the strategy described in the dissemination plan	0	0	0	5	7	92%	100%	12
		0%	0%	0%	42%	58%			100%
15	The dissemination strategy depicted in the dissemination plan has been feasible and effectively facilitated the promotion of the project results and objectives	0	0	0	6	6	90%	100%	12
		0%	0%	0%	50%	50%			100%
16	The project partners have addressed and effectively engaged the relevant stakeholders (* only for partners that have hosted/participated in activities in contact with stakeholders)	0	0	1	6	3	84%	100%	10
		0%	0%	10%	60%	30%			100%

Table 3. Analysis of responses on 1-5 scale for the Project Evaluation (“External Communication”).

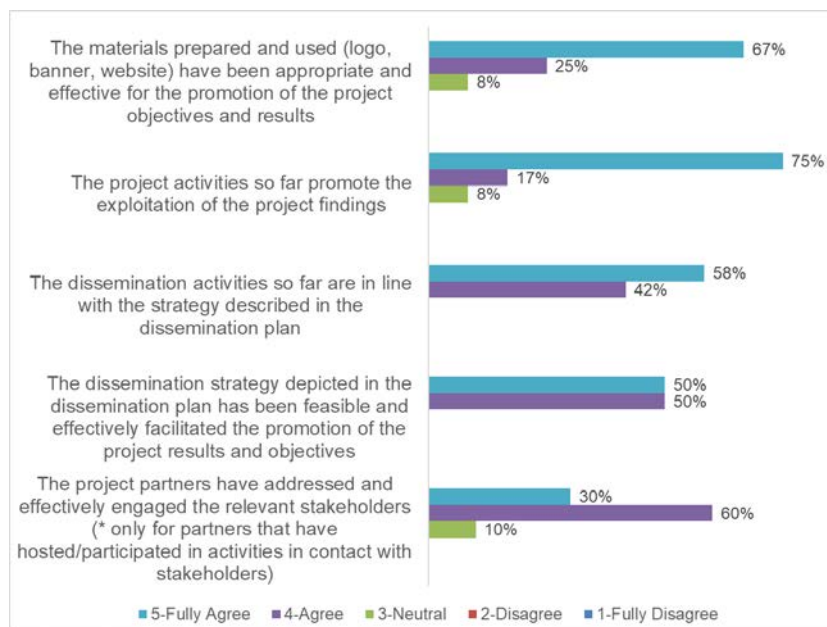


Figure 4. Analysis of responses on 1-5 scale for the Project Evaluation (“External Communication”).

In Part 4, partners were asked to rate some questions characterizing the overall project progress.

RESULTS (M30. Project Evaluation)									
		1 Fully Disagree	2 Disagree	3 Neutral	4 Agree	5 Fully Agree	Weighted Average	Combined %	Total
Overall Project Progress									
17	The project is keeping up with the planned objectives	0	0	0	5	7	92%	100%	12
		0%	0%	0%	42%	58%			100%
18	The workplan of the project is being followed	0	0	2	3	7	88%	100%	12
		0%	0%	17%	25%	58%			100%
19	Any deviations from the workplan have been well considered and agreed by all	0	0	0	5	7	92%	100%	12
		0%	0%	0%	42%	58%			100%
20	Partners have committed the required time and resources to achieve the objectives	0	0	1	8	3	83%	100%	12
		0%	0%	8%	67%	25%			100%
21	I'm satisfied with the deliverables delivered during the first year of the project	0	0	3	5	4	82%	100%	12
		0%	0%	25%	42%	33%			100%
22	My expectations regarding my involvement in the project (effort, time, commitments, etc) were met	0	0	1	5	6	88%	100%	12
		0%	0%	8%	42%	50%			100%

Table 4. Analysis of responses on 1-5 scale for the Project Evaluation (“Overall Project Progress”).

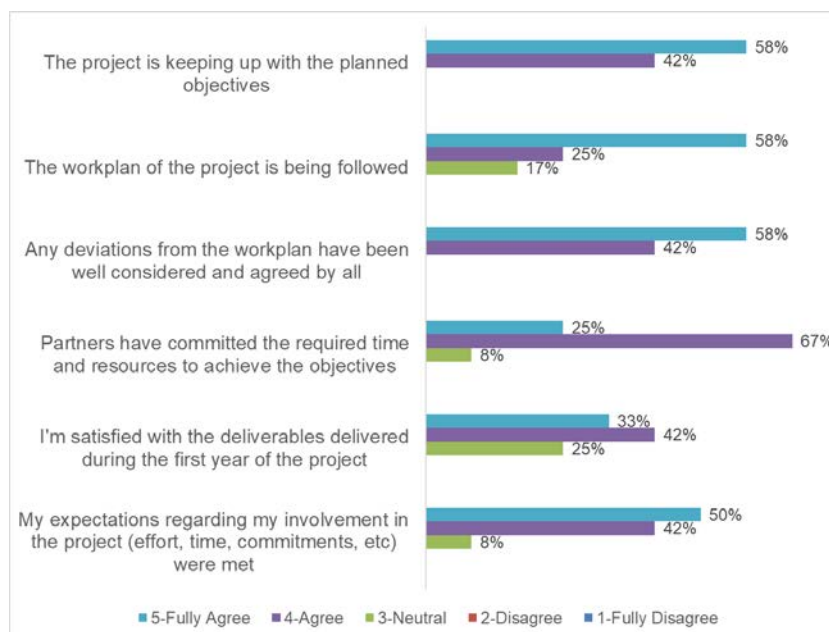


Figure 5. Analysis of responses on 1-5 scale for the Project Evaluation (“Overall Project Progress”).

2.1.2 Additional comments

The comments and suggestions collected in the surveys are presented below literally transcribed (without spelling or grammatical corrections) and corresponding to one per person surveyed.

Internal Communication, additional comments:

- Internal Communication is very good particularly the WhatsApp group make things going smoothly.

External Communication, additional comments:

- Jordanian Partners needs to get more communications with the stakeholders.

Overall Project Progress, additional comments:

- Everything is ok.
- Just to shorten the online meeting period.

2.1.3 Overall Conclusions

The value of the weighted average of all items is more than 70% so it is not considered necessary to establish any improvement plan with respect to the results.

All of the items have obtained a weighted average within the range 82% - 97%.

With weighted average 97%, the highest result came for the items: "I know what the project aims to achieve" and "I am aware what tasks my organisation has to do in the coming months".

The lowest rated questions were: "Response from partners on raised issues is satisfactory", "All partners provide regular updates on their work package activities" and "I'm satisfied with the deliverables delivered during the first year of the project" (weighted average: 82%).

Although the weighted average of the lowest rated items is in line with expectations, it should be noted that the score for "Partners have committed the required time and resources to achieve the objectives" (weighted average: 83%), "I'm satisfied with the deliverables delivered during the first year of the project" (weighted average: 82%) has decreased compared to the previous period (M24), so it is recommended to pay attention to the overall project progress.

However, the result of the rest of the items has improved compared to the last period (M24).

3. POST MEETING EVALUATION

Post-meetings evaluations among project partners aim to ensure the quality of the Eco-Car project key project processes (such as the management meetings' effectiveness), as well as to assess the organisational issues of the meeting and the value of the received information to the project progress.

After each meeting, an evaluation survey was conducted, asking each partner's project representative to rate the meeting in a questionnaire made using an online digital survey tool that allowed respondents to remain anonymous.

The Quality Manager collected all the answers from the partners, which reflected the views of the consortium on its progress, and the assessment was done by analysing the responses from each partner to these questions.

It is worth mentioning that the meeting is considered approved if the average percentage of weighted answers is more than 70%. Scores less than this require corrective actions by the partnership, led by the Project Coordinator.

The delivery of the questionnaires and the collection of results of this internal evaluation were done using Google Forms. Elaboration of results was done using MS Excel.

3.1 Physical Meeting Evaluation

"Physical Meeting Evaluation" survey contained 15 items that covered all activities included during the meeting, separated into the following parts:

- Part 1: Organisation of the meeting.
- Part 2: The meeting.
- Part 3: After the meeting.
- Personal info.

Parts 1 to 3 of the survey contained closed questions (5-point Likert scale), in which respondents had to give a grade between 1 and 5, with 5 being the highest (fully agree) and 1 the lowest (fully disagree). The possibility to provide comments at the end was provided.

At the end of the survey, respondents were asked regarding their personal data, for the purpose of ascertaining partner participation. Some of this information was optional for the participants in order to preserve their anonymity.

The results in this report summarize the information collected in the survey that was delivered after the 4th Steering Committee Meeting (Deusto).

Out of a total of 27 participants in the meeting (according to the Attendance List), 19 responses were received, coming from all partners (70,37% participation in the surveys). This is illustrated in Figure 6. The responses given by the participants are analysed below.

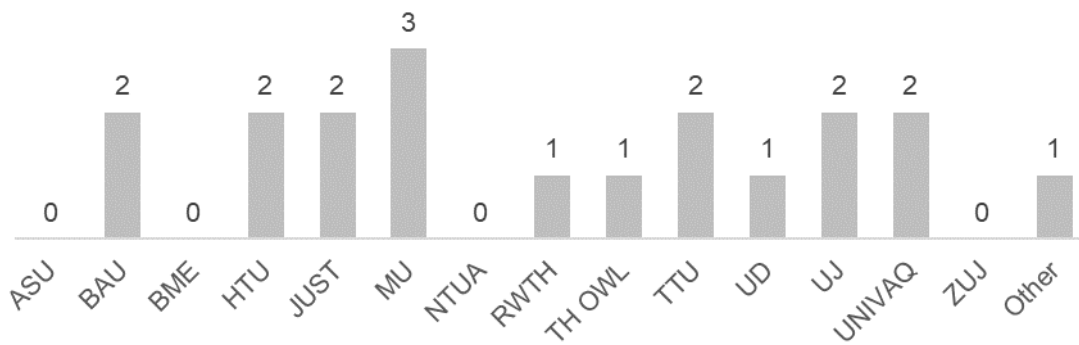


Figure 6. Number of surveys submitted (N=19).

3.1.1 Analysis of scaled questions

RESULTS (M30. Physical Meeting Evaluation)									
		1 Fully Disagree	2 Disagree	3 Neutral	4 Agree	5 Fully Agree	Weighted Average	Combined %	Total
A. Organisation of the meeting									
1	The venue of the meeting was selected considering accessibility criteria (airport with international connections, direct access from the airport to the venue of the meeting)	0	0	1	3	14	94%	100%	18
		0%	0%	6%	17%	78%			100%
2	The length of the trip is reasonable (number of connections, extra days of stay due to flight availability)	0	0	2	1	15	94%	100%	18
		0%	0%	11%	6%	83%			100%
3	There are suitable accommodation options.	0	1	0	3	14	93%	94%	18
		0%	6%	0%	17%	78%			100%
4	There is the option of online connection for those partners not able to travel	0	0	1	3	14	94%	100%	18
		0%	0%	6%	17%	78%			100%

Table 5. Analysis of responses on 1-5 scale for the M30 Physical Meeting.

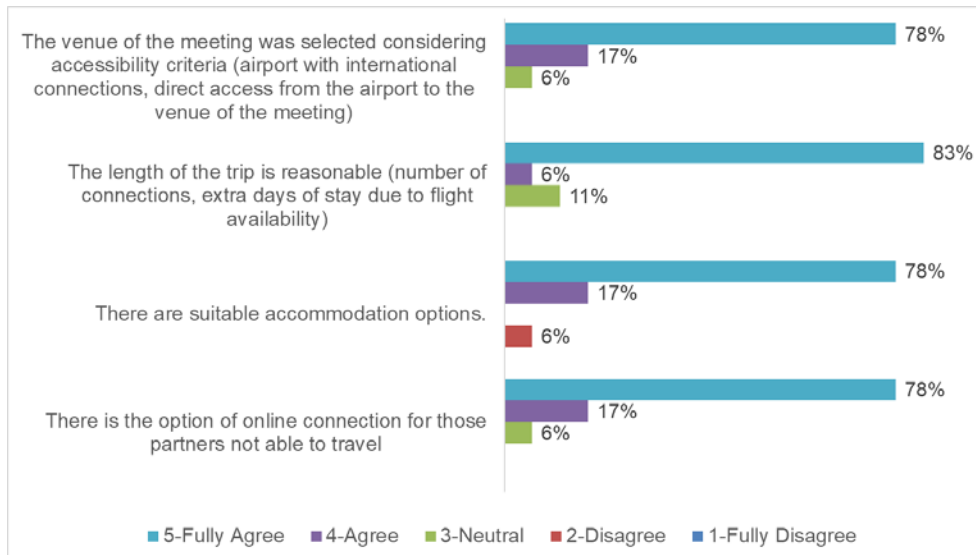


Figure 7. Analysis of responses on 1-5 scale for the M30 Physical Meeting.

RESULTS (M30. Physical Meeting Evaluation)									
		1 Fully Disagree	2 Disagree	3 Neutral	4 Agree	5 Fully Agree	Weighted Average	Combined %	Total
B. The meeting									
5	The meeting was well planned and organised.	0	0	0	7	12	93%	100%	19
		0%	0%	0%	37%	63%			100%
6	The agenda was balanced, focusing on all key aspects of the project.	0	0	0	6	13	94%	100%	19
		0%	0%	0%	32%	68%			100%
7	The participants received all information about the meeting on time.	0	1	0	2	16	95%	95%	19
		0%	5%	0%	11%	84%			100%
8	The presentations by the partners were clear and understandable.	0	0	1	4	14	94%	100%	19
		0%	0%	5%	21%	74%			100%
9	Partners were able to interact with the other project's partners.	0	0	0	3	15	97%	100%	18
		0%	0%	0%	17%	83%			100%
10	The timetable was respected.	1	0	2	5	11	86%	95%	19
		5%	0%	11%	26%	58%			100%
11	The conference room and its facilities facilitated the work during the meeting.	0	0	2	5	11	90%	100%	18
		0%	0%	11%	28%	61%			100%

Table 6. Analysis of responses on 1-5 scale for the M30 Physical Meeting.

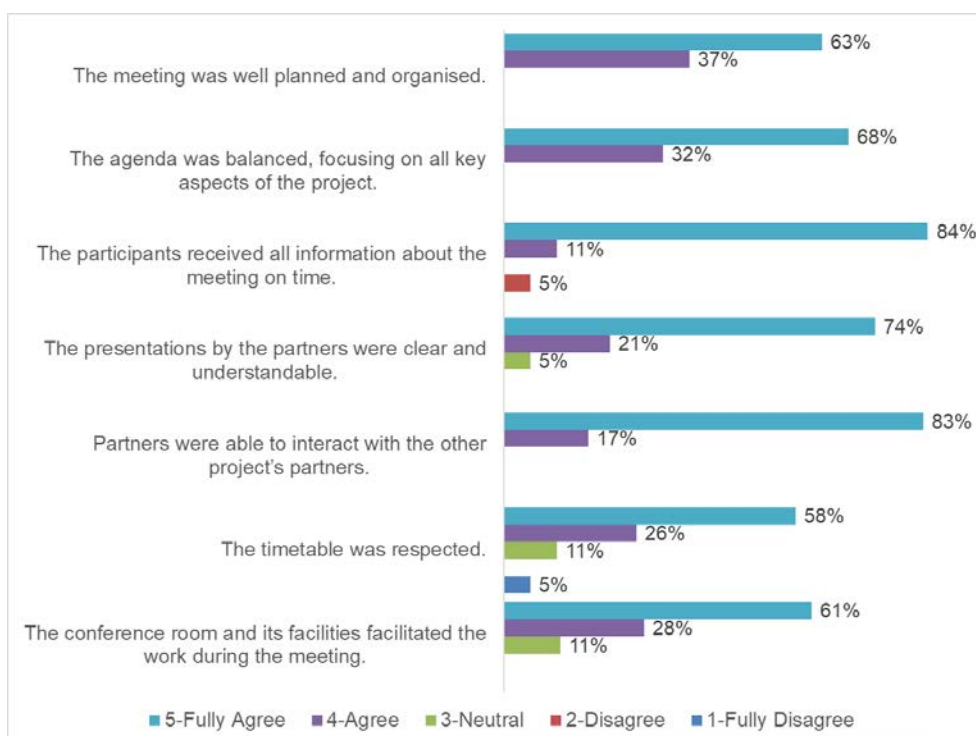


Figure 8. Analysis of responses on 1-5 scale for the M30 Physical Meeting.

RESULTS (M30. Physical Meeting Evaluation)									
		1 Fully Disagree	2 Disagree	3 Neutral	4 Agree	5 Fully Agree	Weighted Average	Combined %	Total
C. The Project - After the meeting...									
12	The timescales proposed are realistic and feasible.	0	0	1	4	14	94%	100%	19
		0%	0%	5%	21%	74%			100%
13	The meeting contributed positively to the progress of the project and the scheduling of the next steps.	0	0	1	5	13	93%	100%	19
		0%	0%	5%	26%	68%			100%
14	The communication between the partners was effective and clear.	0	0	0	6	13	94%	100%	19
		0%	0%	0%	32%	68%			100%
15	The meeting helped with the development of trust and positive attitudes among partners.	0	0	0	6	13	94%	100%	19
		0%	0%	0%	32%	68%			100%

Table 7. Analysis of responses on 1-5 scale for the M30 Physical Meeting.

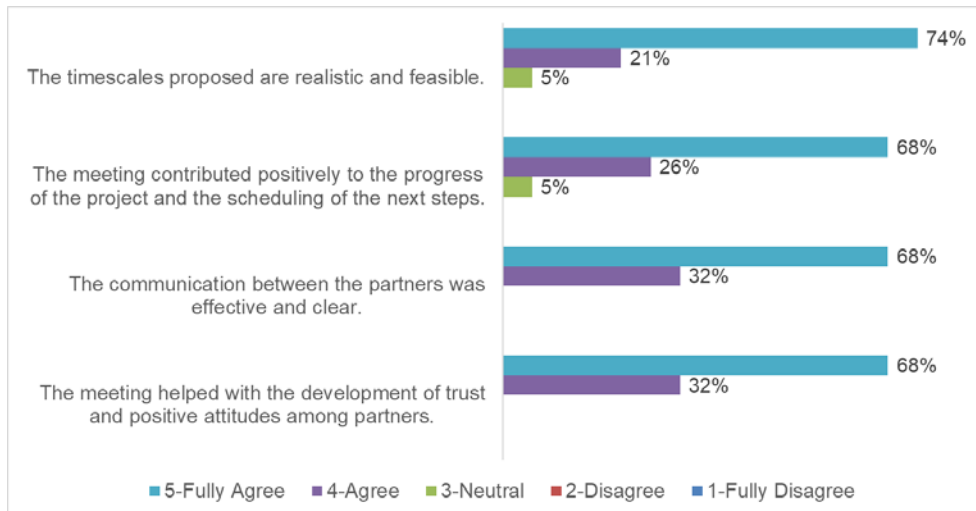


Figure 9. Analysis of responses on 1-5 scale for the M30 Physical Meeting.

3.1.2 Additional comments

The comments and suggestions collected in the surveys are presented below literally transcribed (without spelling or grammatical corrections) and corresponding to one per person surveyed.

- Thanks nothing to be added.
- Face to face meeting is always important.
- Give more efforts on the ev cars.
- Thanks.
- No.

3.1.3 Overall Conclusions

The value of the weighted average of all items is more than 70% so it is not considered necessary to establish any improvement plan with respect to the results.

All of the items have obtained a weighted average within the range 86% - 97%.

With weighted average 97%, the highest result in Steering Committee Meeting Evaluations came for the questions “Partners were able to interact with the other project’s partners”.

The lowest rated question was “The timetable was respected” (weighted average 86%).

It should be noted that the result of the rest of the items has improved compared to the M18 period (in period M24 there were no Physical Meetings).

3.2 Online Meeting Evaluation

“Management Meeting Evaluation” surveys contained 11 items that covered all activities included during the meeting, separated into the following parts:

- Part 1: The Meeting.
- Part 2: The Project.
- Personal info.

Parts 1 and 2 of the survey contained closed questions (5-point Likert scale), in which respondents had to give a grade between 1 and 5, with 5 being the highest (fully agree) and 1 the lowest (fully disagree). The possibility to provide comments at the end was provided.

At the end of the survey, respondents were asked regarding their personal data, for the purpose of ascertaining partner participation. Some of this information was optional for the participants in order to preserve their anonymity.

The results in this report summarize the information collected in the surveys that were delivered after the meetings listed in Table 5.

Meeting	Date	No of participants	No of answers	Participation (%)
14 th Management Meeting		22	9	40,91%
15 th Management Meeting		18	12	66,67%
16 th Management Meeting		20	10	50,00%
Total		60	31	51,67%

Table 8. Online Meetings that were evaluated during the M30 period.

Out of a total of 60 participants in the meetings (according to the Attendance List), 31 responses were received (51,67% participation in the surveys). This is illustrated in Figure 10. The responses given by the participants are analysed below.

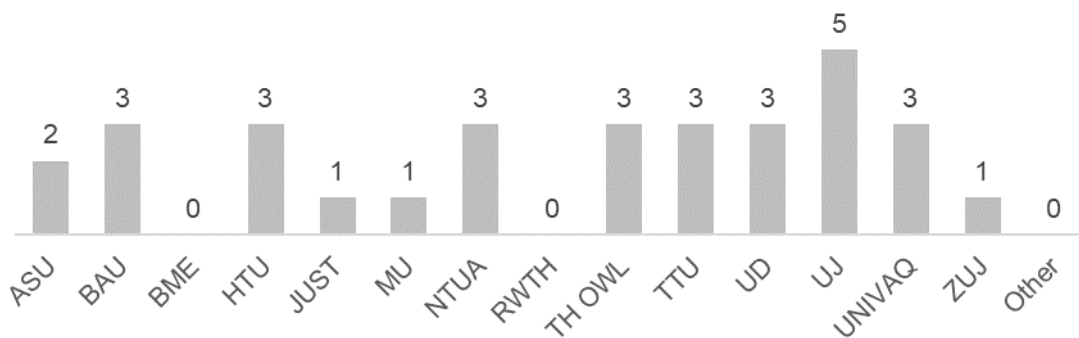


Figure 10. Number of surveys submitted per organization (N=31).

3.2.1 Analysis of scaled questions

RESULTS (M30. Online Meeting Evaluation)									
		1 Fully Disagree	2 Disagree	3 Neutral	4 Agree	5 Fully Agree	Weighted Average	Combined %	Total
A- The meeting									
1	The meeting was well planned and organised.	0	0	1	9	21	93%	100%	31
		0%	0%	3%	29%	68%			100%
2	The agenda was balanced, focusing on all key aspects of the project.	0	0	1	9	21	93%	100%	31
		0%	0%	3%	29%	68%			100%
3	The participants received all information about the meeting on time.	0	0	1	9	21	93%	100%	31
		0%	0%	3%	29%	68%			100%
4	The presentations by the partners were clear and understandable.	0	0	0	14	16	91%	100%	30
		0%	0%	0%	47%	53%			100%
5	Partners were able to interact with the other project's partners.	0	0	0	12	19	92%	100%	31
		0%	0%	0%	39%	61%			100%
6	The timetable was respected.	0	0	0	9	22	94%	100%	31
		0%	0%	0%	29%	71%			100%
7	The conference room and its facilities facilitated the work during the meeting.	0	0	4	11	14	87%	100%	29
		0%	0%	14%	38%	48%			100%

Table 9. Analysis of responses on 1-5 scale for the M30 Online Meeting Evaluations.

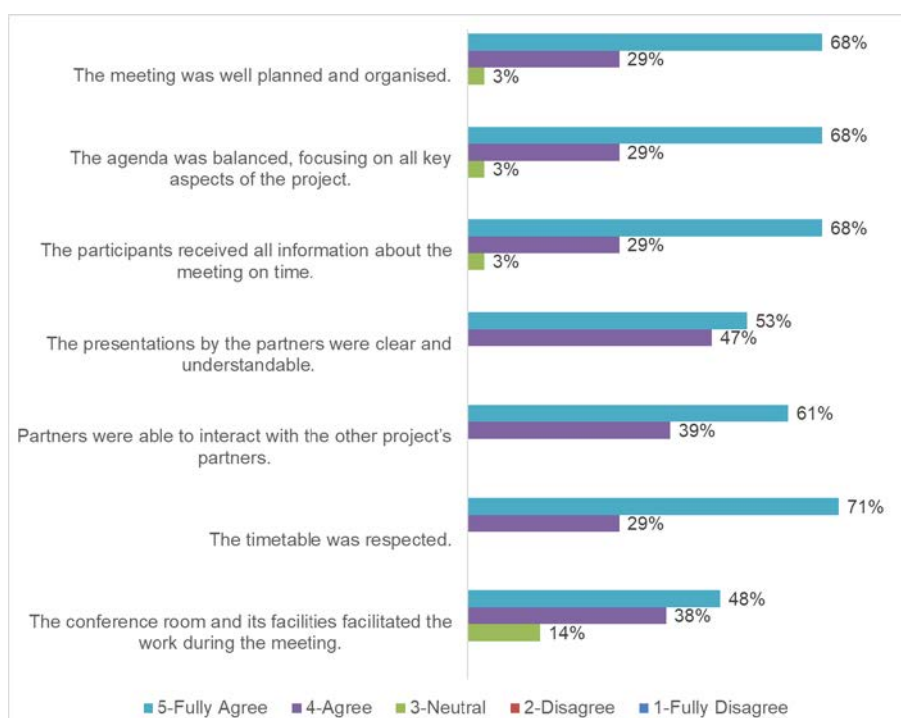


Figure 11. Analysis of responses on 1-5 scale for the M30 Online Meeting Evaluations.

RESULTS (M30. Online Meeting Evaluation)									
		1 Fully Disagree	2 Disagree	3 Neutral	4 Agree	5 Fully Agree	Weighted Average	Combined %	Total
B. The Project - After the meeting...									
8	The timescales proposed are realistic and feasible.	0	0	1	13	17	90%	100%	31
		0%	0%	3%	42%	55%			100%
9	The meeting contributed positively to the progress of the project and the scheduling of the next steps.	0	0	1	11	19	92%	100%	31
		0%	0%	3%	35%	61%			100%
10	The communication between the partners was effective and clear.	0	0	2	11	17	90%	100%	30
		0%	0%	7%	37%	57%			100%
11	The meeting helped with the development of trust and positive attitudes among partners.	0	0	1	11	19	92%	100%	31
		0%	0%	3%	35%	61%			100%

Table 10. Analysis of responses on 1-5 scale for the M30 Online Meeting Evaluations.

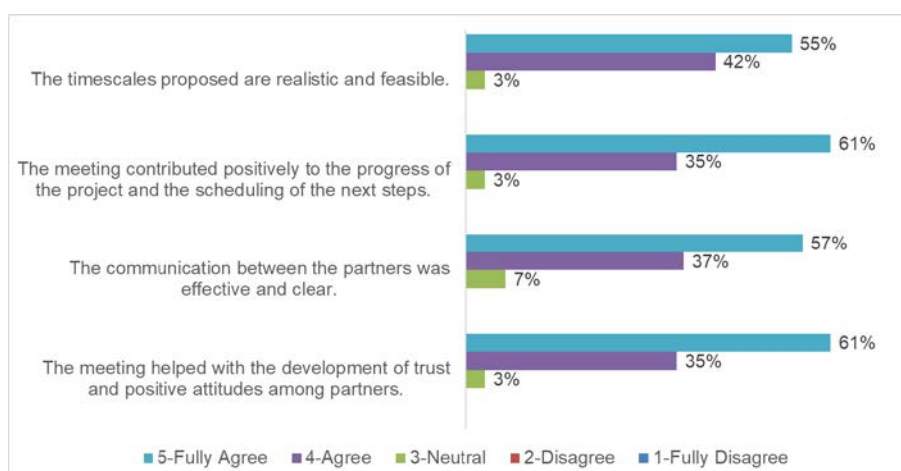


Figure 12. Analysis of responses on 1-5 scale for the M30 Online Meeting Evaluations.

3.2.2 Additional comments

The comments and suggestions collected in the surveys are presented below literally transcribed (without spelling or grammatical corrections) and corresponding to one per person surveyed.

14th Management meeting, additional comments:

- Many thanks.
- NA.

15th Management meeting, additional comments:

- No.
- N/A.

16th Management meeting, additional comments:

No comments or suggestions have been collected.

3.1.3 Overall Conclusions

The value of the weighted average of all items is more than 70% so it is not considered necessary to establish any improvement plan with respect to the results.

All of the items have obtained a weighted average within the range 87% - 94%.

With weighted average 94%, the highest result came for the questions “The timetable was respected”.

The lowest rated question was “The conference room and its facilities facilitated the work during the meeting” (weighted average 87%).

It should be noted that the result of the rest of the items has improved compared to the M18 period (in period M24 there were no Online Meetings).

4. POST- WORKSHOP EVALUATION

Post-Workshop evaluations among participants aim to assess the organisational issues of the workshops and their effectiveness.

After each Workshop an evaluation survey was conducted, asking those who attended the Workshops to rate the event in a questionnaire made using an online digital survey tool that allowed respondents to remain anonymous.

The Quality Manager collected all the answers from the participants and the assessment was done by analysing the responses from each participant to these questions.

It is worth mentioning that the workshop is considered approved if the average percentage of weighted answers is more than 70%. Scores less than this require corrective actions by the partnership, led by the Project Coordinator.

The delivery of the questionnaires and the collection of results of this internal evaluation were done using Google Forms. Elaboration of results was done using MS Excel.

4.1 Physical Workshop Evaluation

“*Physical Workshop Evaluation*” surveys contained the following parts:

- Part 1: Organisation of the meeting.
- Part 2: The Meeting.

- Part 3: The Project.
- Personal info.

Parts 1 and 2 of the survey contained closed questions (5-point Likert scale), in which respondents had to give a grade between 1 and 5, with 5 being the highest (fully agree) and 1 the lowest (fully disagree). The possibility to provide comments at the end was provided.

At the end of the survey, respondents were asked regarding their personal data, for the purpose of ascertaining partner participation. Some of this information was optional for the participants in order to preserve their anonymity.

The results in this report summarize the information collected in the surveys that were delivered after the workshops listed in Table 11.

Workshop	Date	No of participants	No of answers	Participation %
ToT Workshop - Deusto	13/01/2023	13	12	92,31%

Table 11. Physical Workshops that were evaluated during the M30 period of the project.

Out of a total of 13 participants in the workshops (according to the Attendance List), 12 responses were received, coming from all partners (92,31% participation in the survey). This is illustrated in Figure 13. The responses given by the participants are analysed below.

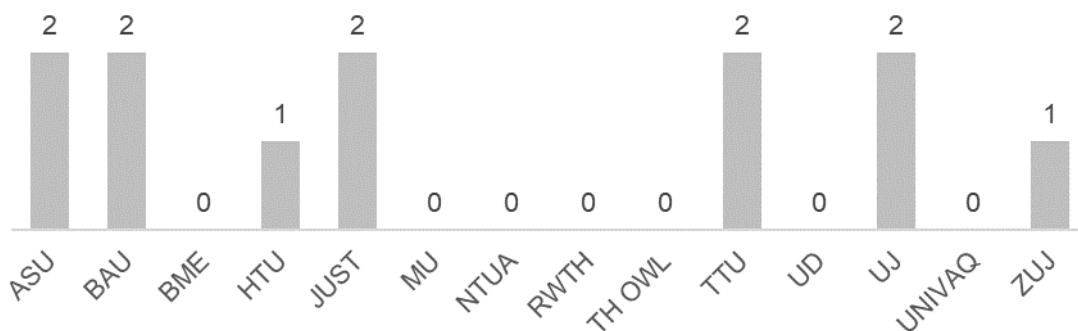


Figure 13. Number of surveys submitted (N=12).

4.1.1 Analysis of scaled questions

In Part 1, partners were asked to rate some questions characterizing the organisation of the meeting.

RESULTS (M30. Physical Workshop Evaluation)									
		1 Fully Disagree	2 Disagree	3 Neutral	4 Agree	5 Fully Agree	Weighted Average	Combined %	Total
A. Organisation of the meeting									
1	The venue of the meeting was selected considering accessibility criteria (airport with international connections, direct access from the airport to the venue of the meeting)	1	1	1	5	4	77%	83%	12
		8%	8%	8%	42%	33%			100%
2	The length of the trip is reasonable (number of connections, extra days of stay due to flight availability)	1	2	0	6	3	73%	75%	12
		8%	17%	0%	50%	25%			100%
3	There are suitable accommodation options.	2	0	1	6	3	73%	83%	12
		17%	0%	8%	50%	25%			100%
4	There is the option of online connection for those partners not able to travel	1	2	3	4	2	67%	75%	12
		8%	17%	25%	33%	17%			100%

Table 12. Analysis of responses on 1-5 scale for the M30 Physical Workshop Evaluation.

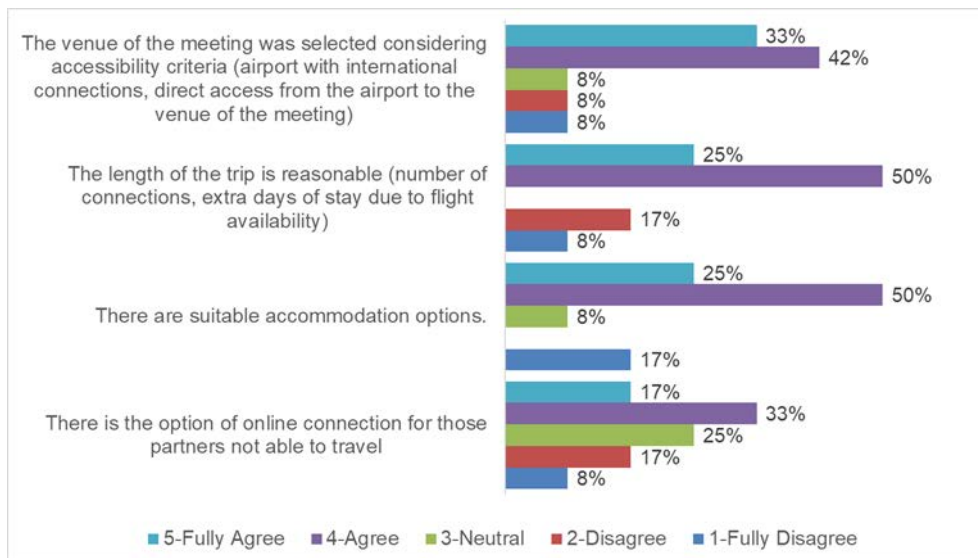


Figure 14. Analysis of responses on 1-5 scale for the M30 Physical Workshop Evaluation.

In Part 2, partners were asked to rate some questions characterizing the overall meeting.

ToT Workshop - Deusto									
		1 Fully Disagree	2 Disagree	3 Neutral	4 Agree	5 Fully Agree	Weighted Average	Combined %	Total
B. The meeting									
5	The meeting was well planned and organised.	1	0	1	5	5	82%	92%	12
		8%	0%	8%	42%	42%			100%
6	The agenda was balanced, focusing on all key aspects of the project.	1	0	0	4	7	87%	92%	12
		8%	0%	0%	33%	58%			100%
7	The participants received all information about the meeting on time.	1	0	0	5	6	85%	92%	12
		8%	0%	0%	42%	50%			100%
8	The presentations by the partners were clear and understandable.	1	0	0	4	7	87%	92%	12
		8%	0%	0%	33%	58%			100%
9	Partners were able to interact with the other project's partners.	1	0	0	6	5	83%	92%	12
		8%	0%	0%	50%	42%			100%
10	The timetable was respected.	1	0	2	4	5	80%	92%	12
		8%	0%	17%	33%	42%			100%
11	The conference room and its facilities facilitated the work during the meeting.	1	0	0	4	7	87%	92%	12
		8%	0%	0%	33%	58%			100%

Table 13. Analysis of responses on 1-5 scale for the M30 Physical Workshop Evaluation.

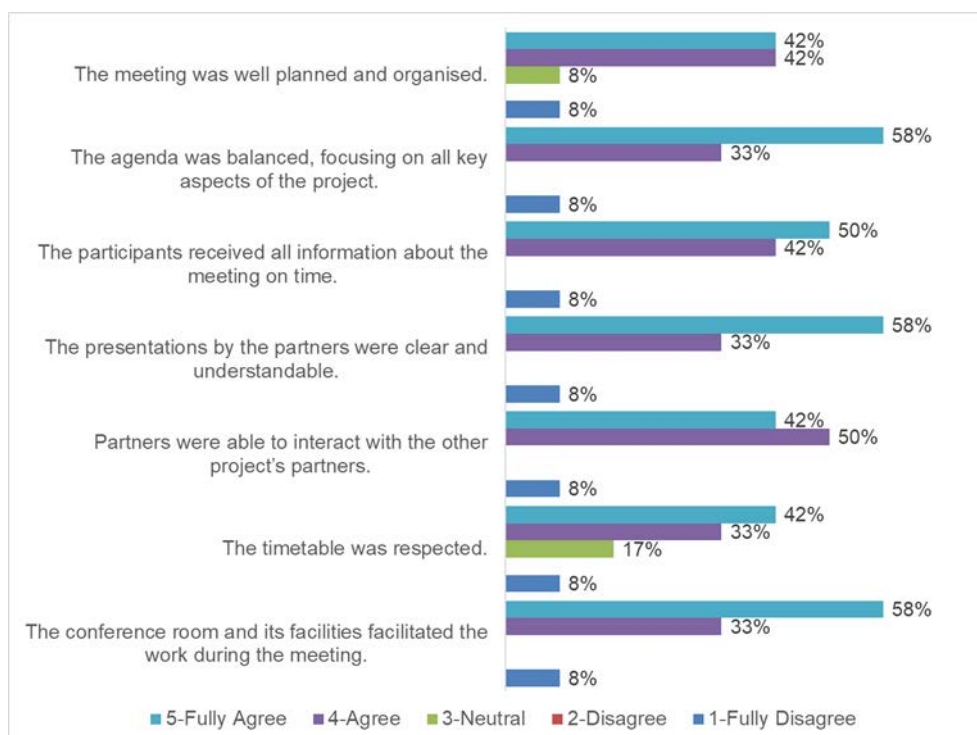


Figure 15. Analysis of responses on 1-5 scale for the M30 Physical Workshop Evaluation.

In part 3, partners were asked to rate some questions characterizing the project.

ToT Workshop - Deusto									
		1 Fully Disagree	2 Disagree	3 Neutral	4 Agree	5 Fully Agree	Weighted Average	Combined %	Total
C. The Project - After the meeting...									
12	The timescales proposed are realistic and feasible.	1	0	0	7	3	80%	91%	11
		9%	0%	0%	64%	27%			100%
13	The meeting contributed positively to the progress of the project and the scheduling of the next steps.	1	0	0	6	4	82%	91%	11
		9%	0%	0%	55%	36%			100%
14	The communication between the partners was effective and clear.	0	1	0	3	7	89%	91%	11
		0%	9%	0%	27%	64%			100%
15	The meeting helped with the development of trust and positive attitudes among partners.	2	0	0	4	5	78%	82%	11
		18%	0%	0%	36%	45%			100%

Table 14. Analysis of responses on 1-5 scale for the M30 Physical Workshop Evaluation.

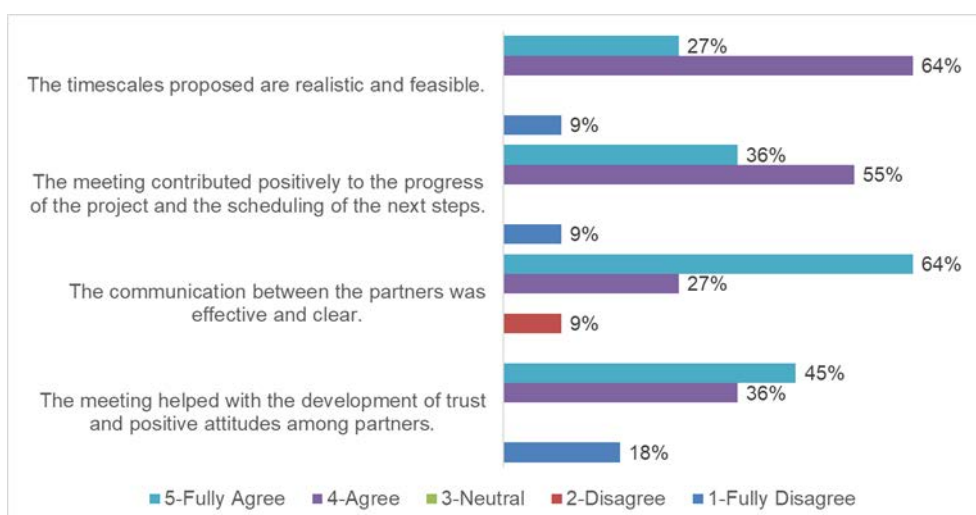


Figure 16. Analysis of responses on 1-5 scale for the M30 Physical Workshop Evaluation.

4.1.2 Additional comments

The comments and suggestions collected in the surveys are presented below literally transcribed (without spelling or grammatical corrections) and corresponding to one per person surveyed.

- Thank you.
- Prepare and send us video recordings of the CarMaker software sessions.

4.1.3 Overall Conclusions

In general, the value of the weighted average of all items is more than 70% so it is not considered necessary to establish any improvement plan with respect to the results. However, it's worth mentioning that, in ToT Workshop (Deusto) survey, the value of the weighted average of the 4th item ("There is the option of online connection for those partners not able to travel") was less than 70%. So, as it was indicated in the short report, it was considered necessary to establish an improvement plan with respect to the results of that workshop.

The rest of the items have obtained a weighted average within the range 73% - 89%.

With weighted average 89%, the highest result came for the question "The communication between the partners was effective and clear".

The lowest rated questions were "The length of the trip is reasonable (number of connections, extra days of stay due to flight availability)" and "There are suitable accommodation options" (weighted average: 73%).

The results cannot be compared with previous periods, since there were no physical workshops.

4.2 Online Workshop Evaluation

"Online Workshop Evaluation" surveys contained the following parts:

- Part 1: The Meeting.
- Part 2: The Project.
- Personal info.

Parts 1 and 2 of the survey contained closed questions (5-point Likert scale), in which respondents had to give a grade between 1 and 5, with 5 being the highest (fully agree) and 1 the lowest (fully disagree). The possibility to provide comments at the end was provided.

At the end of the survey, respondents were asked regarding their personal data, for the purpose of ascertaining partner participation. Some of this information was optional for the participants in order to preserve their anonymity.

The results in this report summarize the information collected in the surveys that were delivered after the workshops listed in Table 15.

Workshop	Date	No of participants	No of answers	Participation %
ECO-CAR Sustainability Workshop	14/06/2023	10	3	30,00%

Table 15. Online Workshops that were evaluated during the M30 period of the project.

Out of a total of 10 participants in the workshops (according to the Attendance List), 3 responses were received, coming from all partners (30,00% participation in the survey). This is illustrated in Figure 17. The responses given by the participants are analysed below.

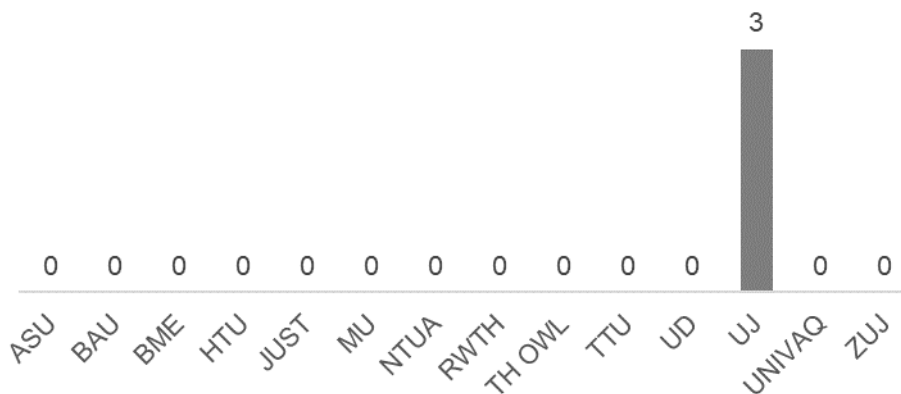


Figure 17. Number of surveys submitted (N=3).

4.2.1 Analysis of scaled questions

In Part 1, partners were asked to rate some questions characterizing the overall meeting.

RESULTS (M30. Online Workshop Evaluation)									
		1 Fully Disagree	2 Disagree	3 Neutral	4 Agree	5 Fully Agree	Weighted Average	Combined %	Total
A. The workshop									
1	The meeting was well planned and organised.	0	0	0	2	1	87%	100%	3
		0%	0%	0%	67%	33%			100%
2	The agenda was balanced, focusing on all key aspects of the project.	0	0	0	2	1	87%	100%	3
		0%	0%	0%	67%	33%			100%
3	The participants received all information about the meeting on time.	0	0	0	0	3	100%	100%	3
		0%	0%	0%	0%	100%			100%
4	The presentations by the partners were clear and understandable.	0	0	0	1	2	93%	100%	3
		0%	0%	0%	33%	67%			100%
5	Partners were able to interact with the other project's partners.	0	0	0	0	3	100%	100%	3
		0%	0%	0%	0%	100%			100%
6	The timetable was respected.	0	0	0	0	3	100%	100%	3
		0%	0%	0%	0%	100%			100%
7	The conference room and its facilities facilitated the work during the meeting.	0	0	0	0	3	100%	100%	3
		0%	0%	0%	0%	100%			100%

Table 16. Analysis of responses on 1-5 scale for the M30 Online Workshop Evaluation.

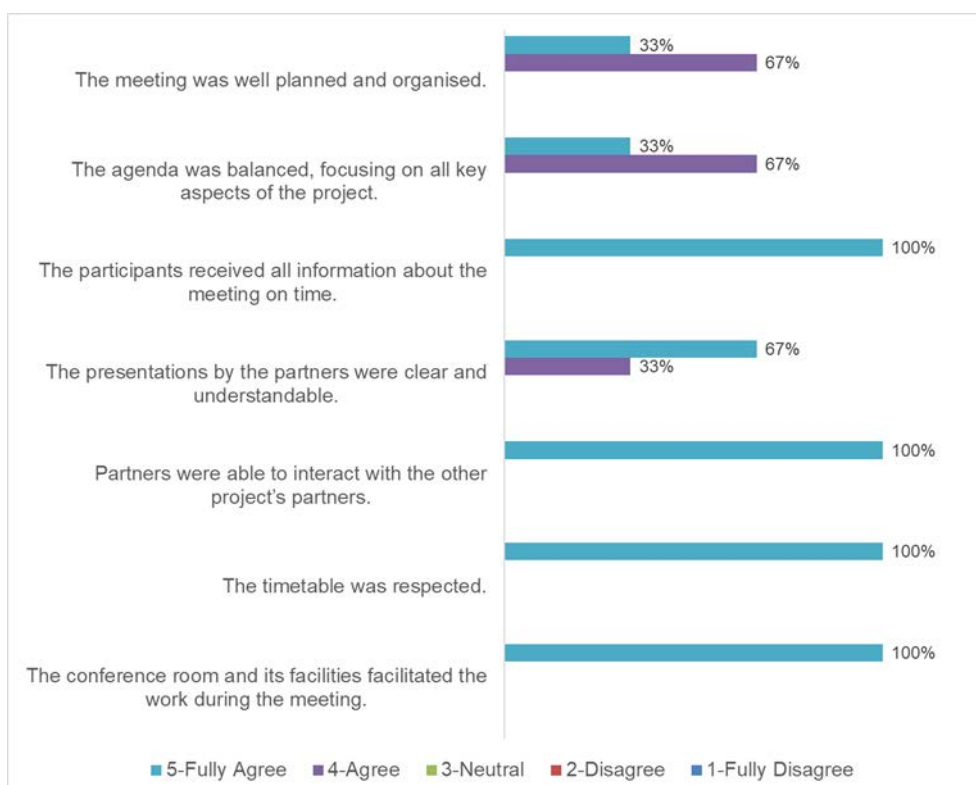


Figure 18. Analysis of responses on 1-5 scale for the M30 Online Workshop Evaluation.

In Part 2, partners were asked to rate some questions characterizing the project.

RESULTS (M30. Online Workshop Evaluation)									
		1 Fully Disagree	2 Disagree	3 Neutral	4 Agree	5 Fully Agree	Weighted Average	Combined %	Total
B. The Project - After the workshop...									
8	The timescales proposed are realistic and feasible.	0	0	0	1	2	93%	100%	3
		0%	0%	0%	33%	67%			100%
9	The meeting contributed positively to the progress of the project and the scheduling of the next steps.	0	0	0	0	3	100%	100%	3
		0%	0%	0%	0%	100%			100%
10	The communication between the partners was effective and clear.	0	0	0	1	2	93%	100%	3
		0%	0%	0%	33%	67%			100%
11	The meeting helped with the development of trust and positive attitudes among partners.	0	0	0	1	2	93%	100%	3
		0%	0%	0%	33%	67%			100%

Table 17. Analysis of responses on 1-5 scale for the M30 Online Workshop Evaluation.



Figure 19. Analysis of responses on 1-5 scale for the M30 Online Workshop Evaluation.

4.2.2 Additional comments

No comments or suggestions were collected.

4.2.3 Overall Conclusions

The value of the weighted average of all items is more than 70% so it is not considered necessary to establish any improvement plan with respect to the results.

The items have obtained a weighted average within the range 87% - 100%.

The lowest rated questions were “The meeting was well planned and organised”, and “The agenda was balanced, focusing on all key aspects of the project” (weighted average: 87%).

It should be noted that the result of all the items has improved compared to the last period (M24).

5. POST- TRAINING EVALUATION

Post-Training evaluations among participants aim to assess the organisational issues of the trainings and their effectiveness.

After Hoxter-Training an evaluation survey was conducted, asking the attendants to rate the event in a questionnaire made using an online digital survey tool that allowed respondents to remain anonymous.

The Quality Manager collected all the answers from the participants and the assessment was done by analysing the responses from each participant to these questions.

It is worth mentioning that the workshop is considered approved if the average percentage of weighted answers is more than 70%. Scores less than this require corrective actions by the partnership, led by the Project Coordinator.

The delivery of the questionnaires and the collection of results of this internal evaluation were done using Google Forms. Elaboration of results was done using MS Excel.

5.1 Training Evaluation

“Training Evaluation” survey contained the following parts:

- Part 1: Overall Training Experience.
- Part 2: Participants’ opinion of the Trainers.
- Personal remarks.
- Personal info.

The first section of the questionnaire included Parts 1 and 2 of the survey contained closed questions (5-point Likert scale), in which respondents had to give a grade between 1 and 5, with 5 being the highest (fully agree) and 1 the lowest (fully disagree).

The second section of the questionnaire contained one closed question (Yes/No scale) and four open questions. Project partners were asked in this section to provide their opinions and concerns on some training aspects. The possibility to provide comments at the end was provided.

At the end of the survey, respondents were asked regarding their personal data, for the purpose of ascertaining partner participation. Some of this information was optional for the participants in order to preserve their anonymity.

People who attended the Hoxter-Training were allowed to submit their answers during the period from May 8th, 2022 to May 21th, 2022.

Out of 14 attendants 13 responses were received (92,86% participation in the survey). The responses given are analysed below.

5.1.1 Analysis of scaled questions

In Part 1, partners were asked to rate some questions characterizing the overall Training Experience.

RESULTS (M30. Training Evaluation)									
		1 Fully Disagree	2 Disagree	3 Neutral	4 Agree	5 Fully Agree	Weighted Average	Combined %	Total
1- Overall Training Experience									
1	The meeting was well planned and organised.	1	1	1	4	6	80%	85%	13
		8%	8%	8%	31%	46%			100%
2	The training facilities were adequate and comfortable.	1	1	1	3	7	82%	85%	13
		8%	8%	8%	23%	54%			100%
3	The technical resources used were satisfactory.	1	1	1	6	4	77%	85%	13
		8%	8%	8%	46%	31%			100%
4	The materials provided were helpful.	1	1	3	4	4	74%	85%	13
		8%	8%	23%	31%	31%			100%
5	The objectives of the training were clearly defined and met.	0	2	1	6	4	78%	85%	13
		0%	15%	8%	46%	31%			100%
6	The study tours were useful and had an added value in the whole training.	1	1	1	5	5	78%	85%	13
		8%	8%	8%	38%	38%			100%
7	The training content was well organised.	0	2	2	3	6	80%	85%	13
		0%	15%	15%	23%	46%			100%
8	The topics of the training were clear and easy to follow.	1	1	1	5	5	78%	85%	13
		8%	8%	8%	38%	38%			100%
9	The length of training was sufficient.	2	0	1	4	6	78%	85%	13
		15%	0%	8%	31%	46%			100%
10	The training enhanced my understanding on the subject.	1	1	2	5	4	75%	85%	13
		8%	8%	15%	38%	31%			100%
11	The training was relevant to my needs.	1	1	2	4	5	77%	85%	13
		8%	8%	15%	31%	38%			100%
12	The training will be useful to me and my professional growth.	1	1	4	2	5	74%	85%	13
		8%	8%	31%	15%	38%			100%
13	The training met my expectations.	0	2	2	4	5	78%	85%	13
		0%	15%	15%	31%	38%			100%

Table 18. Analysis of responses on 1-5 scale for the M30 Training Evaluation.

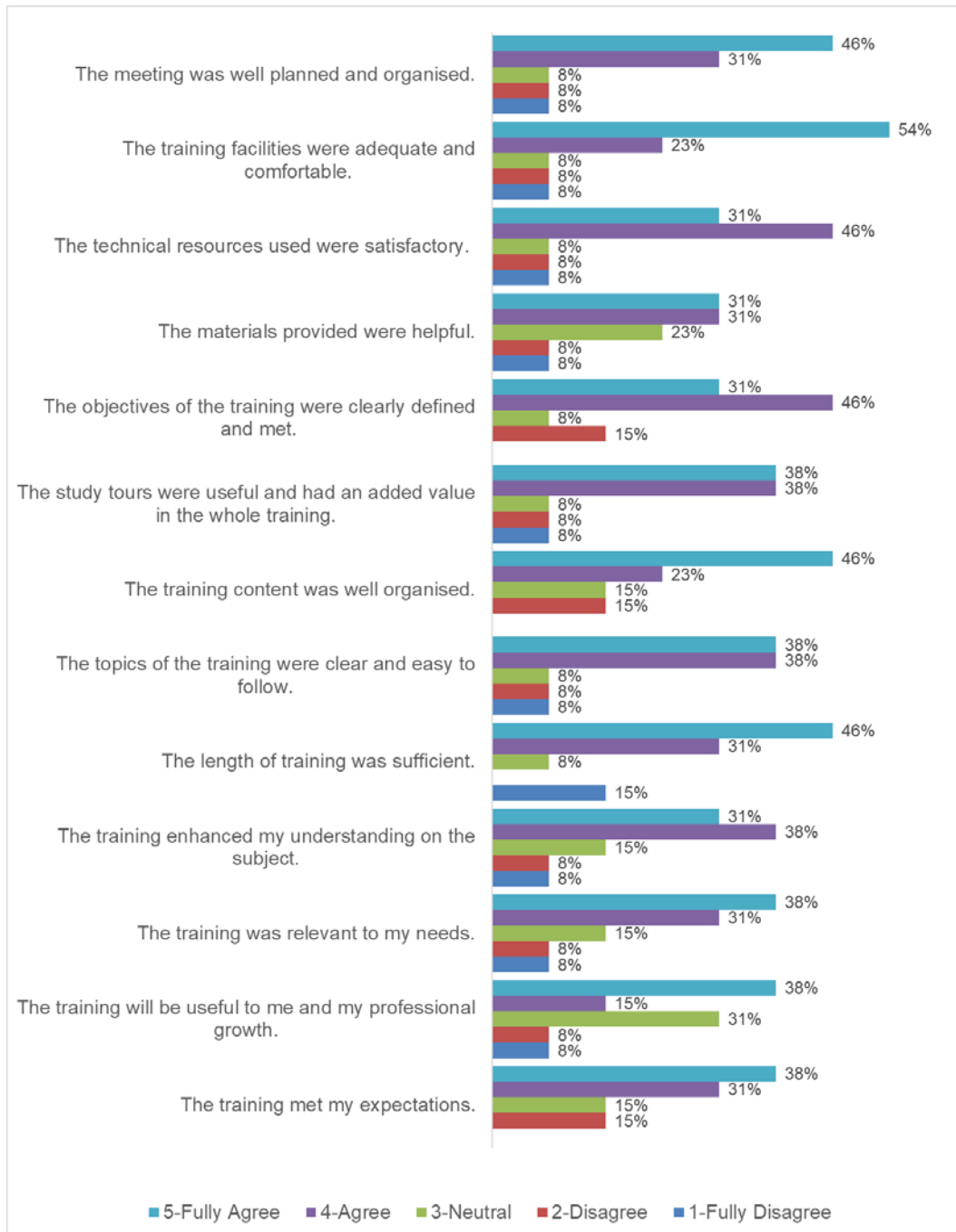


Figure 20. Analysis of responses on 1-5 scale for the M30 Training Evaluation.

In Part 2, partners were asked to rate some questions characterizing their opinion of the Trainers.

RESULTS (M30. Training Evaluation)									
		1 Fully Disagree	2 Disagree	3 Neutral	4 Agree	5 Fully Agree	Weighted Average	Combined %	Total
2- Your opinion of the Trainers:									
14	The trainer was knowledgeable about the training topic.	0	2	1	3	7	83%	85%	13
		0%	15%	8%	23%	54%			100%
15	The trainer succeeded to explain and illustrate concepts.	2	0	1	4	6	78%	85%	13
		15%	0%	8%	31%	46%			100%
16	The topics were presented in a clear and understandable manner.	0	2	1	4	6	82%	85%	13
		0%	15%	8%	31%	46%			100%
17	The trainer encouraged participation, interaction and answered questions clearly.	1	1	2	3	6	78%	85%	13
		8%	8%	15%	23%	46%			100%
18	The trainer's communication style kept me focused and interested.	0	2	2	3	6	80%	85%	13
		0%	15%	15%	23%	46%			100%

Table 19. Analysis of responses on 1-5 scale for the M30 Training Evaluation.

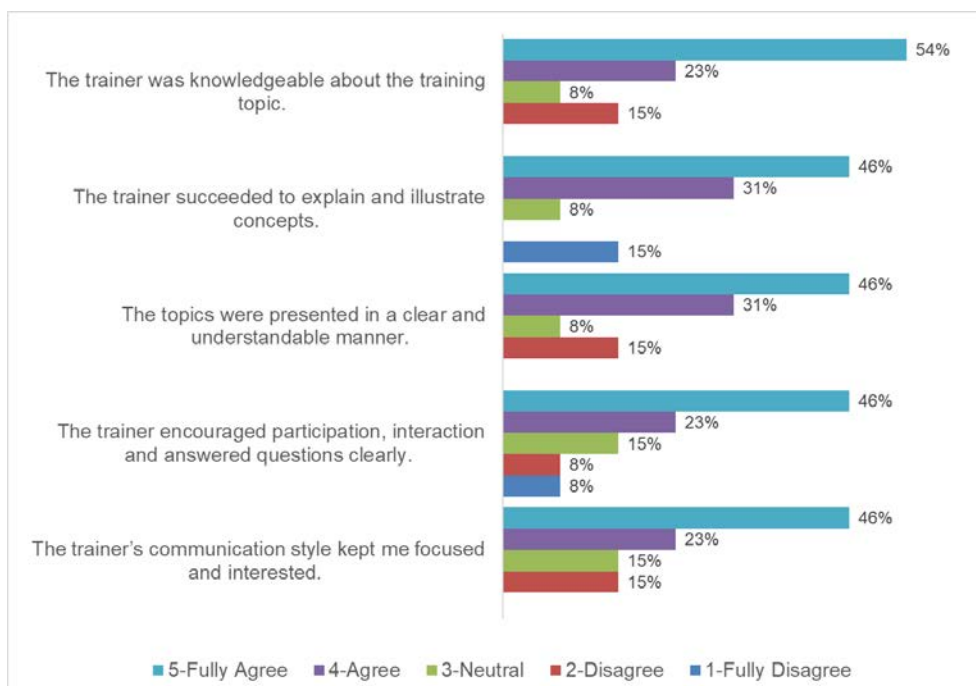


Figure 21. Analysis of responses on 1-5 scale for the Training Evaluation.

5.1.2 Open ended questions

Was this training appropriate for your level of experience?

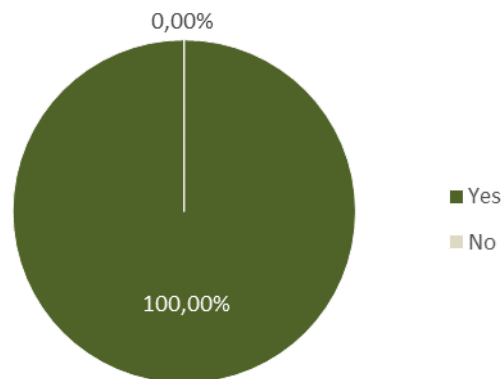


Figure 22. Percentage of responses Yes / No scale.

Which topics were not covered or insufficiently covered, in your opinion?

- Electric Machine used inside the Electrical and hybrid vehicles.
- All topics were sufficiently covered.
- Topics related to EVs.
- It's nothing.
- Nothing.
- Nothing.
- Nil.

Which topics were not relevant in your opinion?

- Future Food Factory.
- All topics were relevant.
- It's nothing.
- Nothing.
- Nothing.
- Nothing.

What did you like best about the training?

- Fuel Cell subject.
- The tours we had to the laboratories in Lemgo.
- Organization.
- The Facilities.
- Factory visit.
- Changing system.
- Labs.
- Practical visits.
- Everything.

What suggestions or comments do you have for making the program more effective?

- More preparation.
- Nothing.
- Nothing.
- Every thing was excellent.
- Nothing.

Date of Review: 08/05/2023 -14/05/2023

Reviewer's Name	Position
Dr.Wail Adaileh	Professor
Imad Addous.	Lab Supervisor
Mohammad Frehat	Associate Prof.
Hesham Al Salem	Assistant professor
Ayham Abed Alhakim Hasan ALRA'OUSH	Engineering
Muneer Sulieman Tarad	Engineer

Table 20. Name and position of the people who have answered the survey.

Additional comments:

No comments or suggestions have been collected.

5.1.3 Overall Conclusions

The value of the weighted average of all items is more than 70% so it is not considered necessary to establish any improvement plan with respect to the results.

All of the items have obtained a weighted average within the range 74% - 83%.

With weighted average 83%, the highest result came for the questions "The trainer was knowledgeable about the training topic."

The lowest rated questions were "The materials provided were helpful" and "The training will be useful to me and my professional growth" (weighted average 74%).

It is worth mentioning that the result of all the items has decreased compared to the last period (M24).