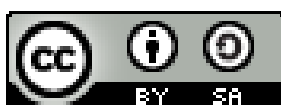
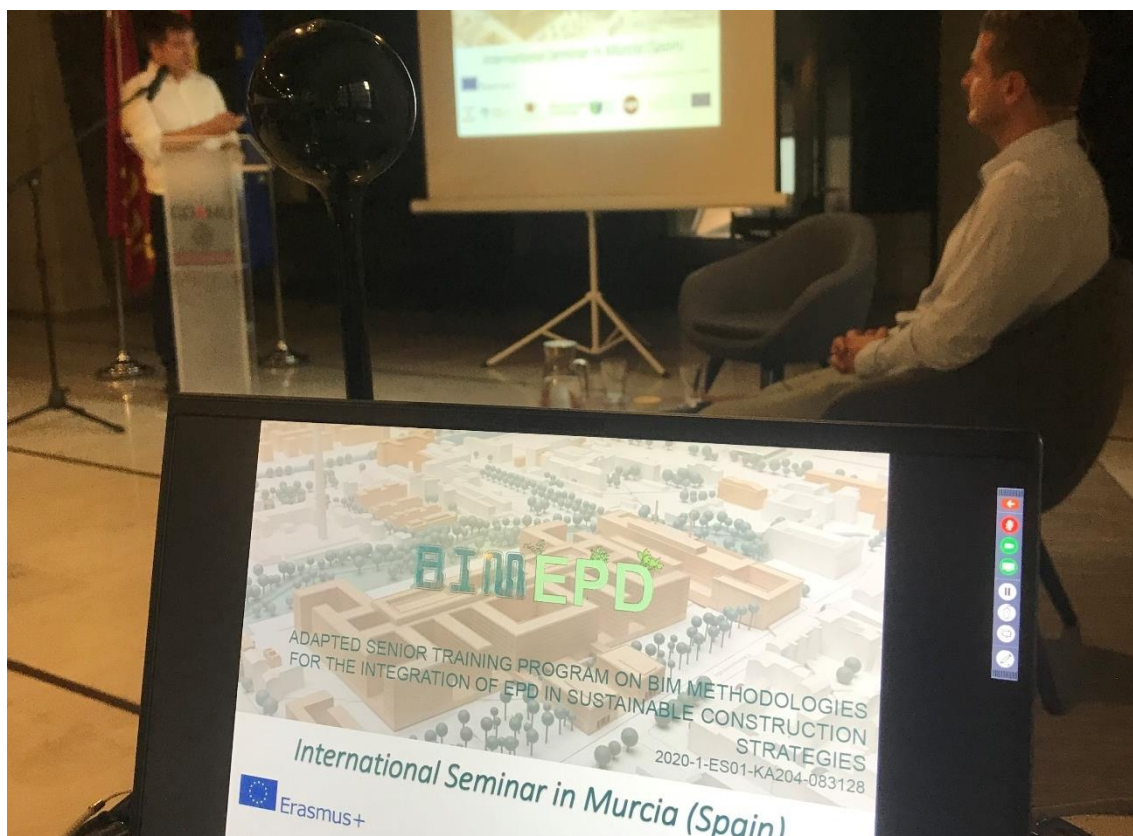


TASK O3/A3. Report on the results of Final International Seminar in Murcia (Spain)



This work is licensed under a [Creative Commons Attribution-ShareAlike 4.0 International License](https://creativecommons.org/licenses/by-sa/4.0/)

"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".



Erasmus+

Contents

1. INTRODUCTION.....	3
2. AGENDA.....	4
3. REGISTRATION OF PARTICIPANTS.	6
4. WELCOME.....	6
5. BIMEPD PROJECT.....	7
6. MAIN OBJECTIVES AND INTELLECTUAL PRODUCTS DEVELOPED. ...	7
7. SOFTWARE APPLIED TO LIFE CYCLE ANALYSIS.	9
8. LIFE CYCLE IN ARCHITECTURE.....	10
9. ROUND TABLE AND CLOSING SESSION.	10
10. SURVEY RESULTS.....	11
11. CONCLUSIONS	17

1. INTRODUCTION

This final international seminar of the BIMEPD project took place in Murcia (Spain) and was organised by COAMU. It served to disseminate all the products and results of the project and to check the validation and final improvements of the developed software products.

As this seminar was attended by experts from the architecture sector and BIM technologies, their comments have been used to improve all the developed products with the main objective of ensuring the required high quality and their adaptation to adult education.

Special attention was paid to the evaluation of the OER.

Finally, attendees were given the option to participate in a round table discussion at the end of the seminar.

This technical report compiles the main conclusions with the aim of implementing corresponding improvements in the project results.

This report with the results of the event as well as the other products of the BIMEPED project are available on the project website: <https://bimepd.eu/>

2. AGENDA



JORNADA

ESTRATEGIAS DE CONSTRUCCIÓN SOSTENIBLE

19 / OCT / 22

17.30 - 19.30 h

Salón de actos del COAMU

Inscripciones en formacion@coamu.es

1

PRESENTACIÓN DEL PROYECTO EUROPEO BIMEPD

Programa de formación basado en metodologías BIM para la integración de EPD en estrategias de construcción sostenible.



2

CHARLA CICLO DE VIDA EN ARQUITECTURA

Pablo Carbonell - ECOPROYECTA

¿Es necesario el Análisis de Ciclo de Vida en la Arquitectura?
¿Qué utilidad tiene? ¿No es suficiente con cumplir el CTE?

A estas y a otras preguntas se intentará dar respuesta en esta ponencia, mostrando ejemplos de arquitecturas que son sensibles a la problemática ambiental y energética más allá de la vida útil del edificio.

COAMU

COLEGIO OFICIAL DE
ARQUITECTOS
DE LA REGIÓN DE MURCIA

Politechnika
Warszawska

institute of
Entrepreneurship
Development
IED

BULGARIAN
GREEN
BUILDING
COUNCIL

CTM

Centro Tecnológico
del Mármol, Piedra y Materiales

cype

Cofinanciado por
la Unión Europea

Agenda

Final International Seminar on BIMEPD project results in Murcia (Spain)

ADAPTED SENIOR TRAINING PROGRAM ON BIM METHODOLOGIES FOR THE INTEGRATION OF EPD IN SUSTAINABLE CONSTRUCTION STRATEGIES

October 19th, 2022

Wednesday, 19th Meeting place: Official Professional Association of Architects of Murcia
Address: Poeta Jara Carrillo, 5, 30004, Murcia.

- 17.15 - 17.30 Registration of participants.
- 17.30 - 17.40 Welcome - COAMU.
- 17.40 - 17.50 Presentation of the BIMEPD project - COAMU.
- 17.50 - 18.15 Presentation of objectives and tasks of BIMEPD project - CTM.
- 18.15 - 18.45 LCA software- CYPE.
- 18.45 - 19.30 Life cycle in architecture - Ecoprojecta.
- 19.30 Round Table and closure of the Final International Seminar on BIMEPD project

3. REGISTRATION OF PARTICIPANTS.

The Colegio Oficial de arquitectos de la Región de Murcia (COAMU) in english The Official Association of Architects of the Region of Murcia, publicised the event through its website and by e-mail.



The screenshot shows the website of the Colegio Oficial de Arquitectos de la Región de Murcia (COAMU). The header includes the COAMU logo and navigation links: INICIO, COLEGIO, SECRETARIA, VENTANILLA ÚNICA, MUCAT, CONCURSOS, FORMACIÓN, VISADO, NOTICIAS, and OARMU. The 'ÚLTIMAS NOTICIAS' section is active, displaying a list of recent news items. A red box highlights the date '19 Oct' next to the article titled 'JORNADA GRATUITA ESTRATEGIAS DE CONSTRUCCIÓN SOSTENIBLE. BIMEPD'. The article text states: 'Adjuntamos programa de la Jornada Estrategias de Construcción Sostenible. BIMEPD tendrá lugar el miércoles 19 de octubre de 2022 a las 17.30h en el salón de actos del Colegio Oficial de Arquitectos de la Región de Murcia con la siguiente programación'. Below the text is a detailed schedule for the 'JORNADA ESTRATEGIAS DE CONSTRUCCIÓN SOSTENIBLE' on October 19th, 2022, from 17.15 to 19.30. The schedule includes: 17.15-17.30 Registro de asistentes; 17.30-17.40 Bienvenida; 17.40-17.50 Proyecto BIMEPD; 17.50-18.15 Objetivos principales y productos intelectuales desarrollados; 18.15-18.45 Software aplicado al análisis del Ciclo de Vida; 18.45-19.30 Ciclo de Vida en Arquitectura; and 19.30 Clausura. The bottom of the screenshot shows a banner for the 'JORNADA ESTRATEGIAS DE CONSTRUCCIÓN SOSTENIBLE' on 19 / OCT / 22.

On arrival at the Colegio Oficial de Arquitectos de la Región de Murcia (COAMU), the registered participants who finally attended the seminar signed the signature sheet that was on a table next to the entrance to the conference room.

The seminar was attended by 17 participants from outside the project. Due to data protection law this document has not been made public.

4. WELCOME.

Mr. Pedro Moreno, as a member representing the host entity (COAMU) welcomed the attendees and made a brief presentation of the participants in the conference and the topics that were going to be discussed in each of the presentations of the conference.

Pedro used this moment to talk about the main objective of this seminar. This objective was to address the challenges and the impact of the application of BIM technologies as well as ecological criteria in the training of architects who finished their university studies many years ago.

5. BIMEPD PROJECT.

After the welcome, Pedro presented the BIMEPD project, told the attendees that it is a project co-funded by the Erasmus+ programme of the European Union, briefly explained what the project was about and introduced the partners belonging to the project consortium.



Figure 1. Slide of the presentation of consortium.

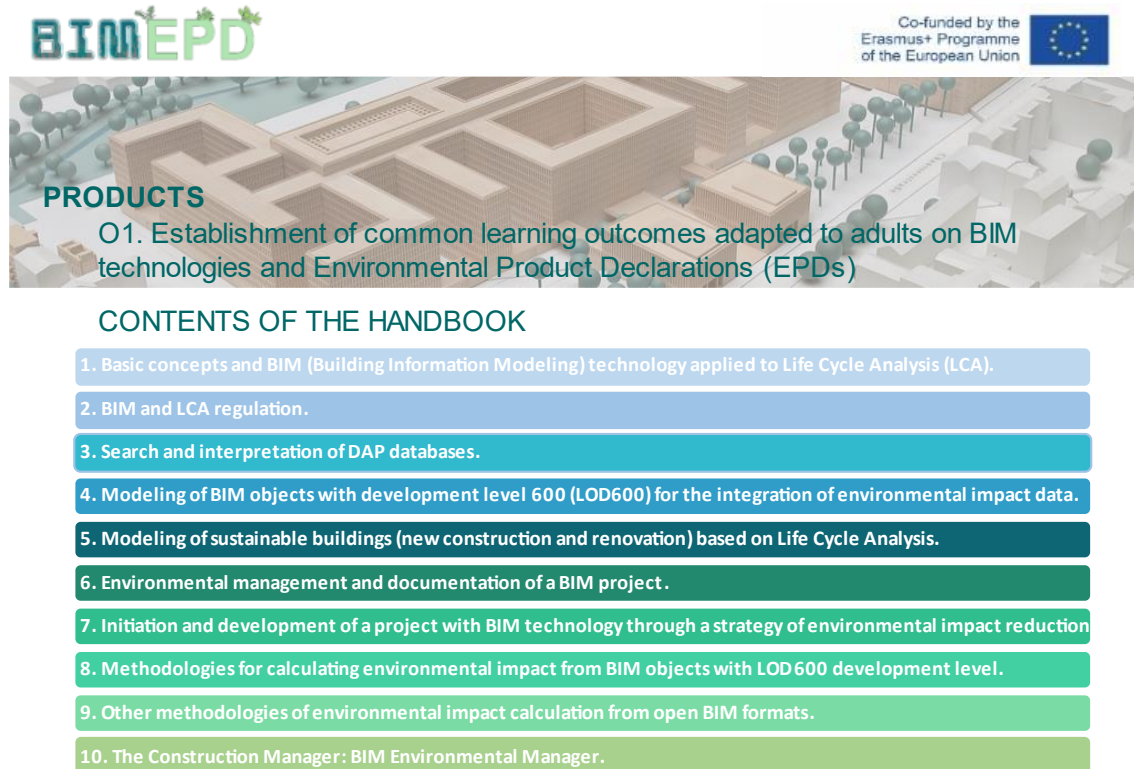
The presentations that were shown at this Final International Seminar in Murcia are available in the website of the project.

6. MAIN OBJECTIVES AND INTELLECTUAL PRODUCTS DEVELOPED.

David Caparrós (CTM) presented the BIMEPD project to the audience. He talked about the main objectives of the project and presented some of the results.

David showed the users the topics developed for the BIMEPD project with contents related to BIM, EPDs, EE, LCA, etc and also showed them how to access the project website and the MOOC created so that they can complement

their training. As communicated to the attendees in the agenda, David focused on the results related to the BIMEPD courses.



11

Figure 2. Slide on the themes developed in the BIMEPD project.

TASK 03/A3. Report on the results of Final International Seminar in Murcia (Spain)

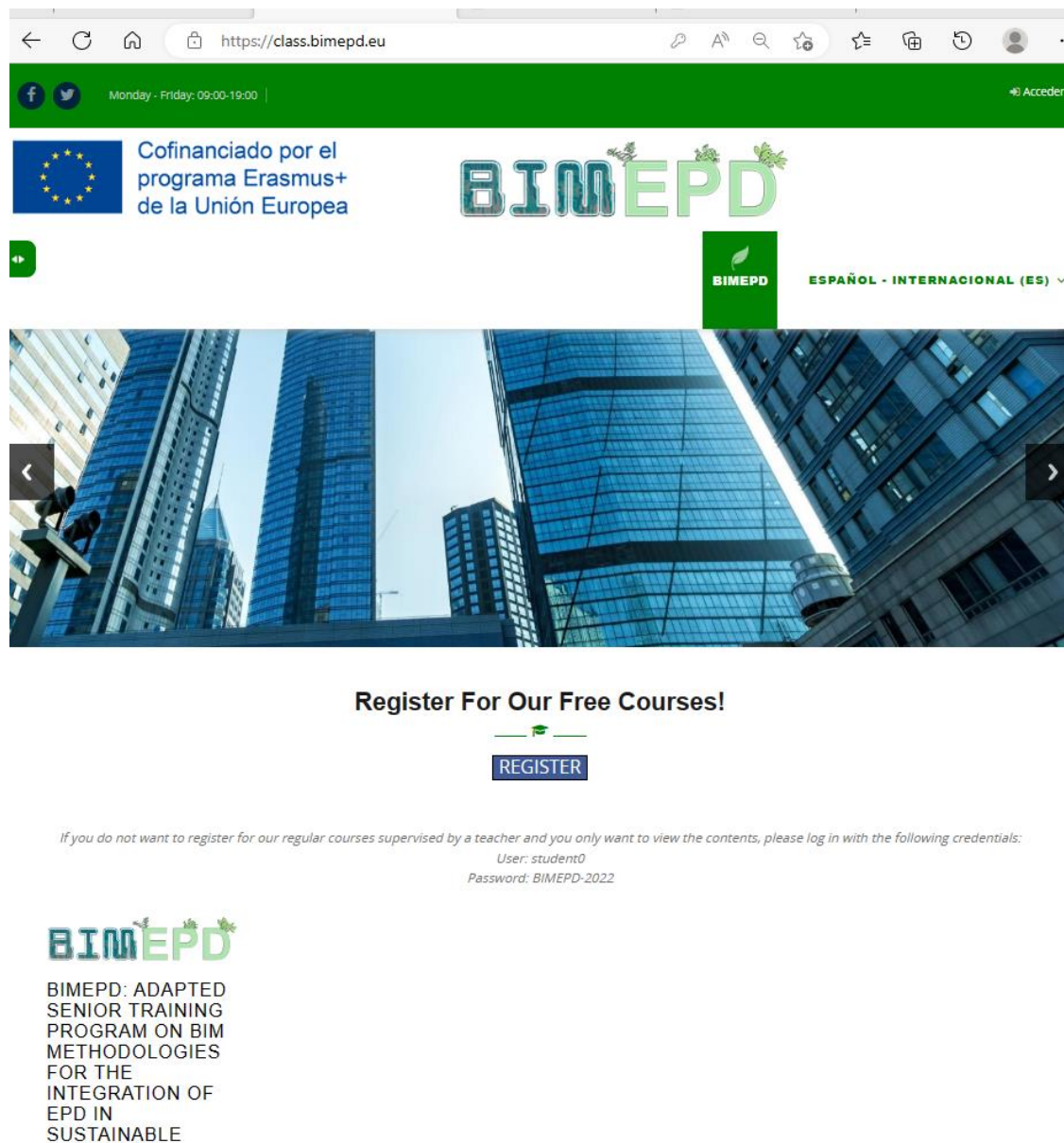


Figure 3. Slide with the access to the BIMEPD MOOC.

7. SOFTWARE APPLIED TO LIFE CYCLE ANALYSIS.

Yves Menez (CYPE) showed the attendees an applied software for life cycle analysis calculations. This software is part of the RE20020 project, which is expected to be freely accessible to all by January 2023.

This tool, together with the knowledge acquired by the participants in the BIMEPD project, favours the insertion of architects over 45 years of age in the

labour market, since these are new tools and methodologies used in the construction sector and which, when used appropriately and with a theoretical basis, improve construction projects.

RE2020, at a glance

RE2020 indicators

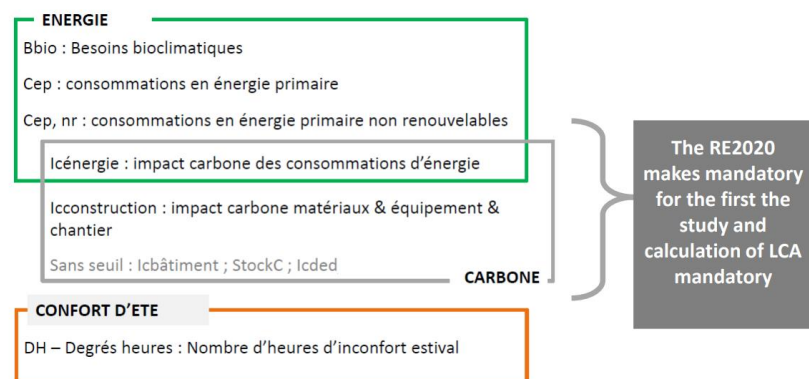


Figure 4. Slide of RE2020 project.

8. LIFE CYCLE IN ARCHITECTURE.

The last intervention was by Pablo Carbonell, from the company Ecoprojecta, who was invited to this conference to talk about the Life Cycle in architecture. Pablo gave the main notions about the life cycle in constructions and construction materials and then showed some of the sustainable projects he had carried out throughout his career.

These examples interested the attendees, as they saw how the theoretical part shown earlier in the seminar could be successfully implemented.

9. ROUND TABLE AND CLOSING SESSION.

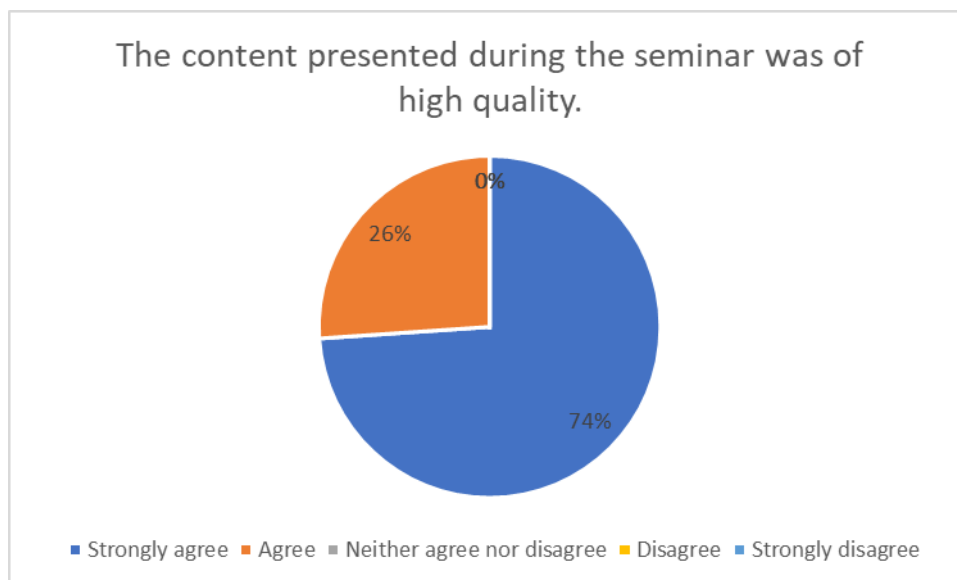
Finally, those attending the seminar (architecture professionals, training teachers, businessmen and professionals from the construction sector) were able to ask the speakers any questions they wished and thus resolve their doubts about the seminar.

At this point of the seminar, the competences covered by the curricula were discussed and it was concluded that they were quite complete, easily accessible and easily understood. In addition, the OER was also discussed, which was valued very positively by the attendees.

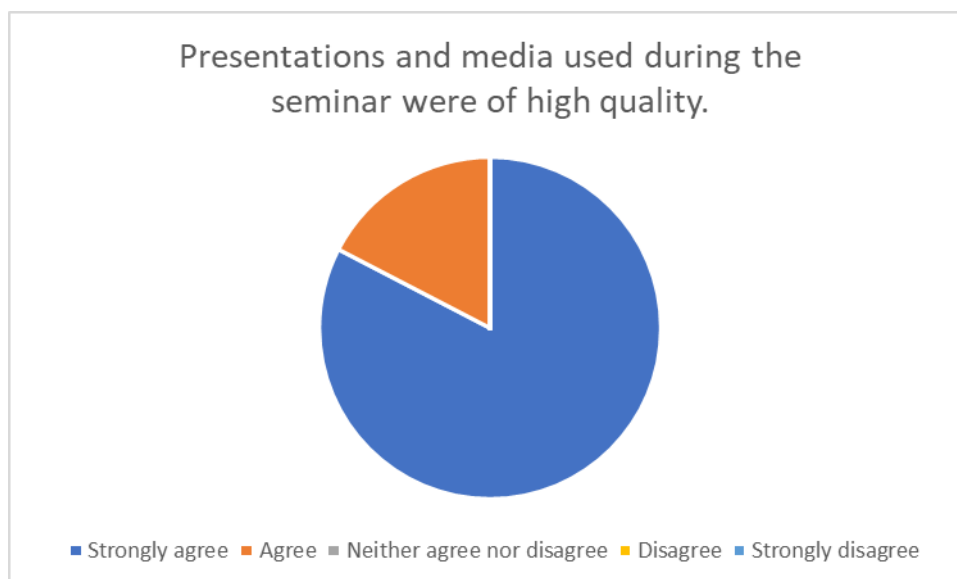
10. SURVEY RESULTS.

Participants in the seminar were asked to respond to the following statements, expressing their level of agreement with the statements provided. These were the results obtained:

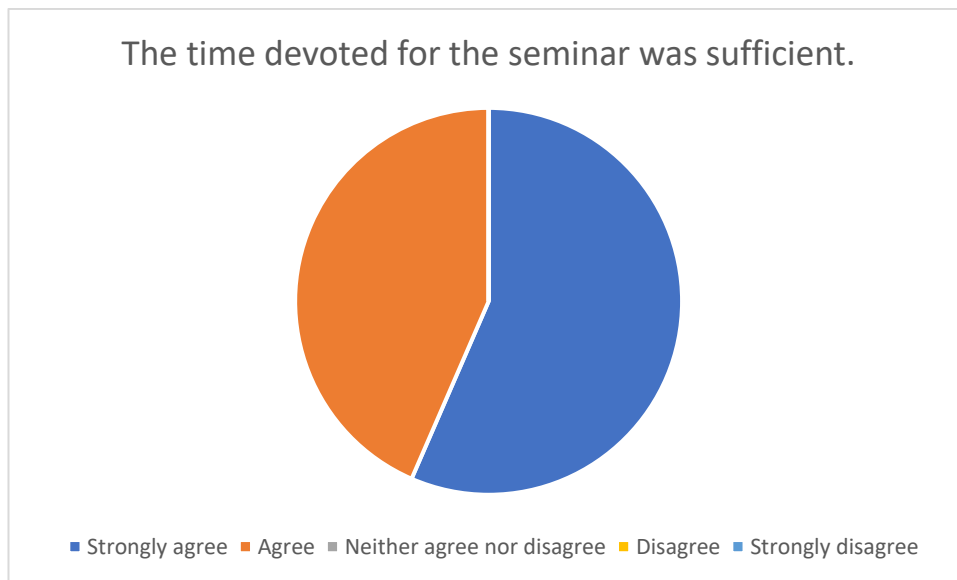
1. The content presented during the seminar was of high quality.



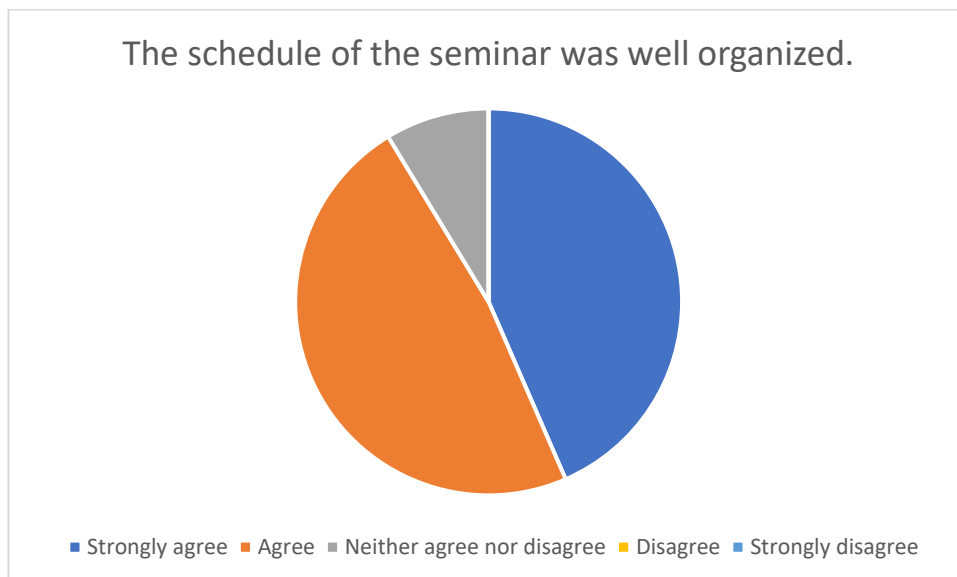
2. Presentations and media used during the seminar were of high quality.



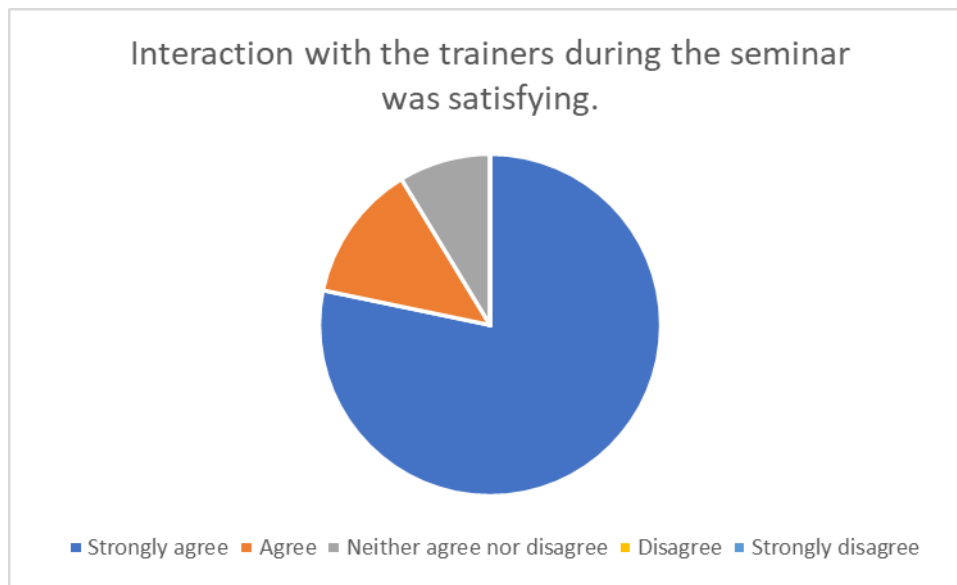
3. The time devoted for the seminar was sufficient.



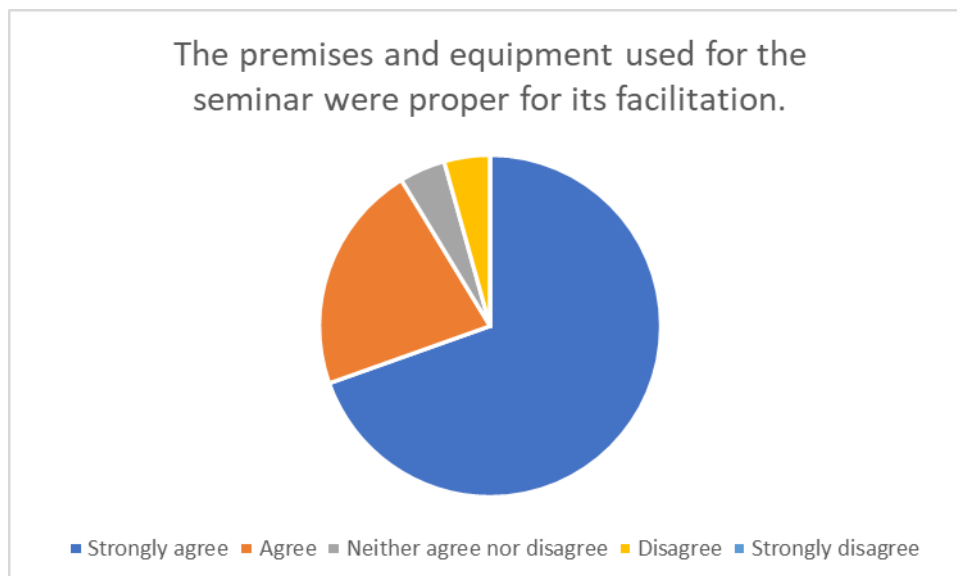
4. The schedule of the seminar was well organized.



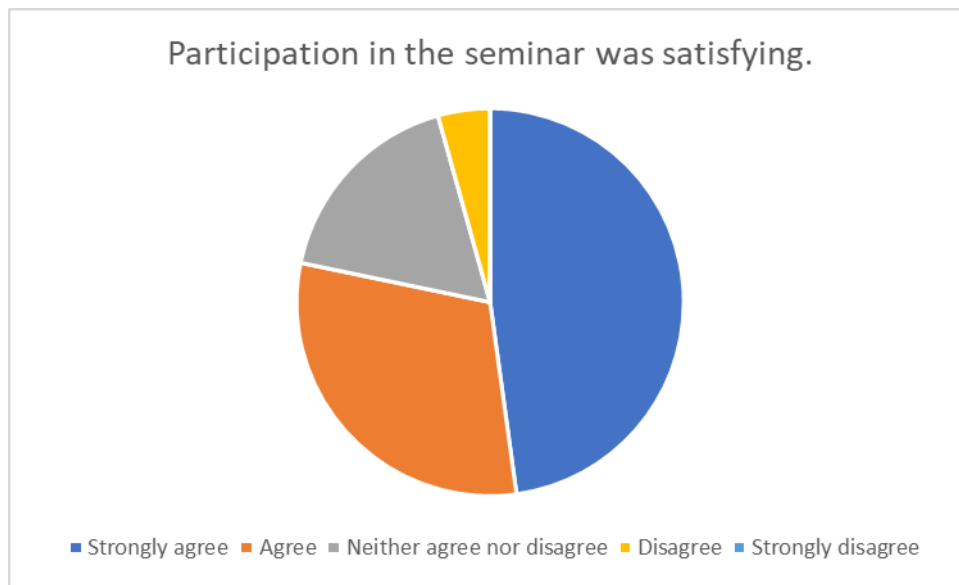
5. Interaction with the trainers during the seminar was satisfying.



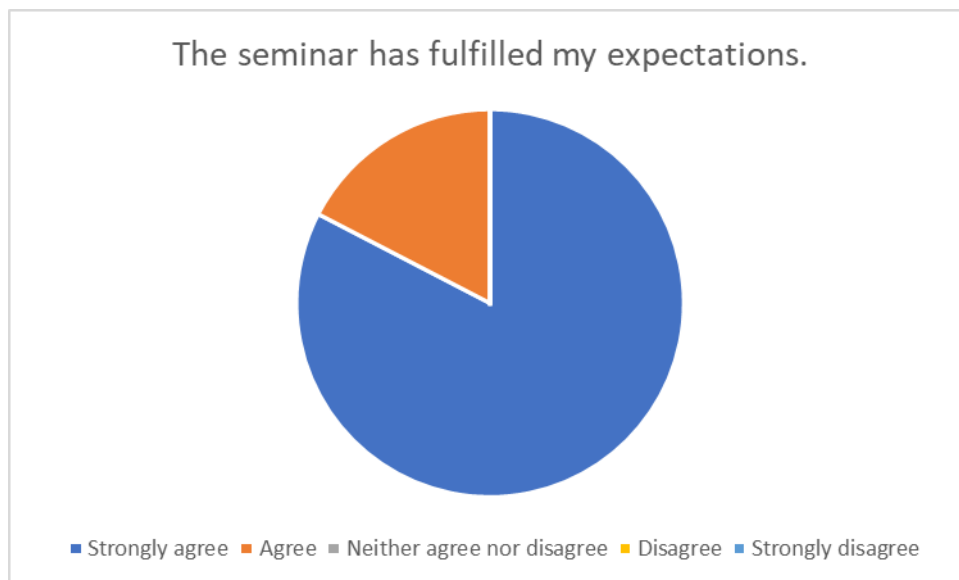
6. The premises and equipment used for the seminar were proper for its facilitation.



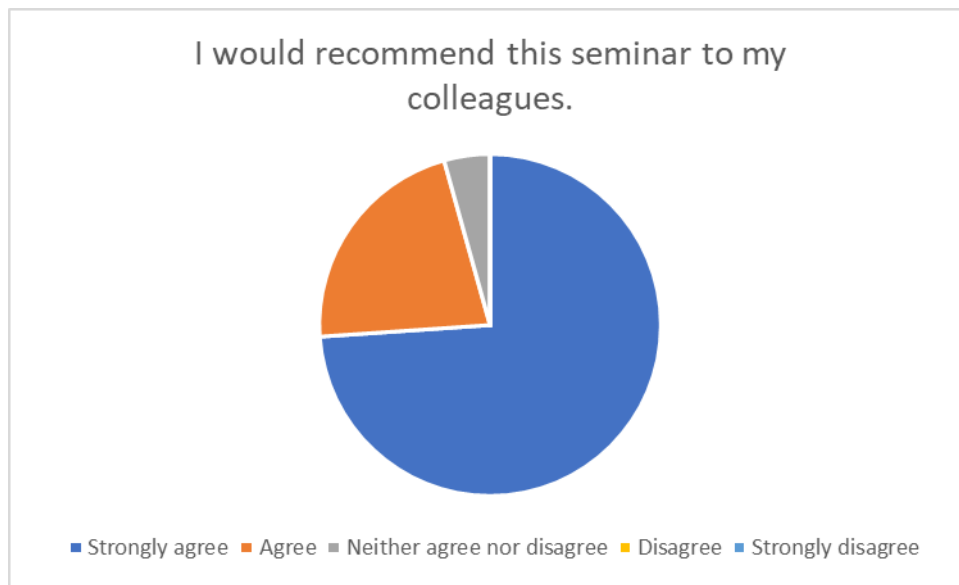
7. Participation in the seminar was satisfying.



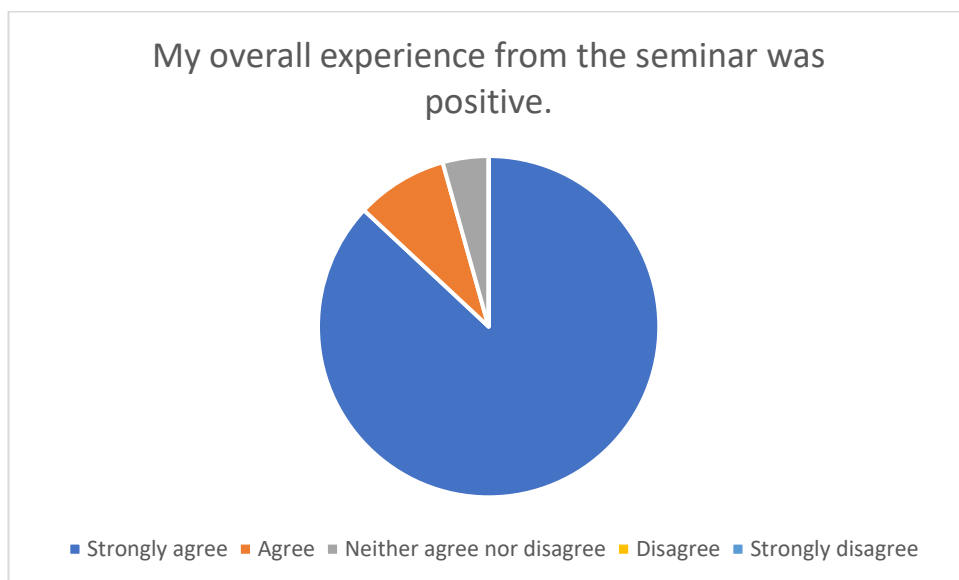
8. The seminar has fulfilled my expectations.



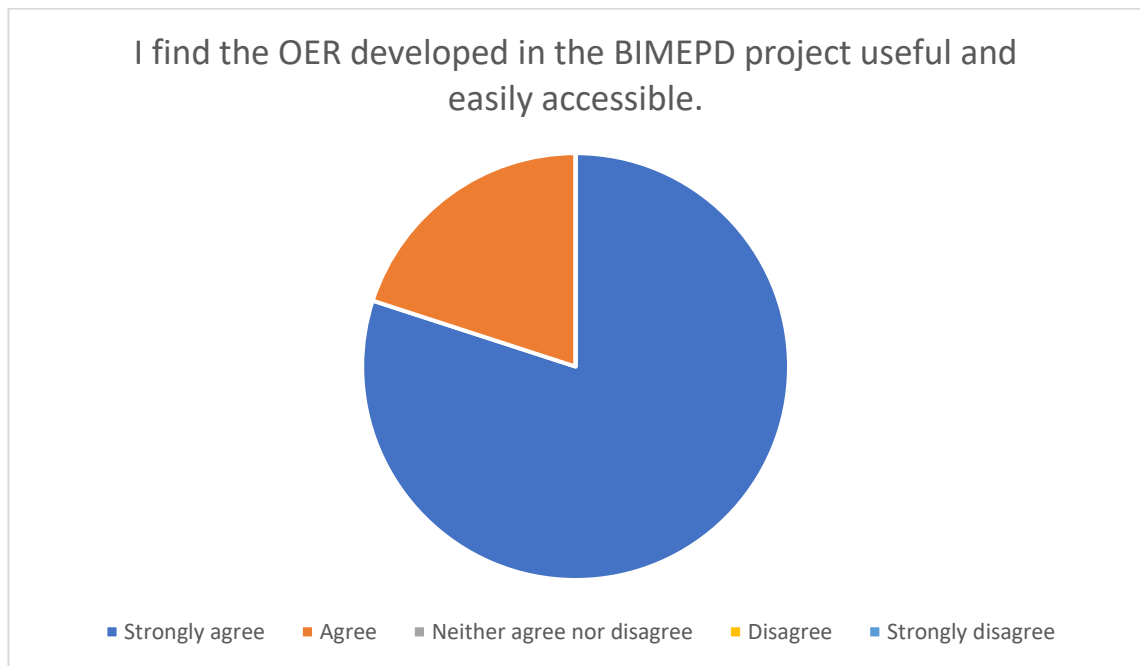
9. I would recommend this seminar to my colleagues.



10. My overall experience from the seminar was positive.

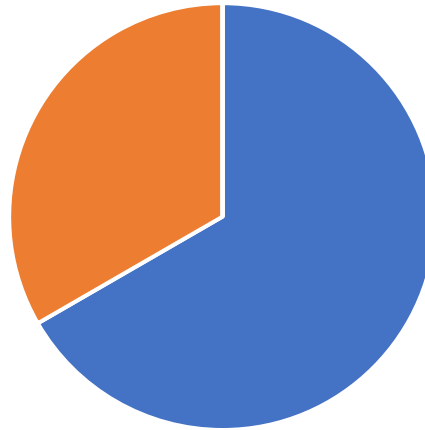


11. I find the OER developed in the BIMEPD project useful and easily accessible.



12. The topics developed are well structured and have content of interest to the sector.

The topics developed are well structured and have content of interest to the sector.



■ Strongly agree ■ Agree ■ Neither agree nor disagree ■ Disagree ■ Strongly disagree

11. CONCLUSIONS

Based on the analysis of the survey responses, participants were in general highly satisfied with the quality of the training, the topic and their interaction during the activity. This is in line with our impressions while attending the seminar, and the excellent working environment within which it took place.