



BIM based fast toolkit for
Efficient rEnovation in Buildings

D10.13 Final Conference



This project has received funding from
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D10.13 Final Conference

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EXECUTIVE SUMMARY

This document registers the work done for the planning and delivering of the final BIM4EEB conference that took place in April 2022 at the BIMWorld Paris Fair. The goal of the final conference is to communicate and disseminate the project results to the target groups of the project. This action is the main dissemination and communication activity before the project closure.

BIM4EEB has gathered 15 partners from 9 european countries (Belgium, Finland, Cyprus, Germany, Spain, Sweden, Ireland, Poland and Italy), and from diferent sectors such as universities, reaserach institutes, public administration, SMEs and large enterprises. As the main result, a set of six BIMtools and a BIM Management System (BIMMS) was delivered and validated in three pilot buildings in Italy, Poland and Finland. These results were designed to speed up and facilitate the building renovation process throughout all stages from the design and construction. The target users of the tools are design and construction professionals, such as engineers, architects, surveyors, energy designers, construction workers, construction managers, but also inhabitants.

This deliverable is related to the D10.7 Interim Conference as it is the closure of the work started in that event and it is also related to D10.11 the Final Dissemination and Communication report as it is part of the Dissemination and Communication activities.

PUBLISHING SUMMARY

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1 Introduction

After 3,5 years, the BIM4EEB project is coming to an end. The project has gathered 15 partners from 9 European countries (Belgium, Finland, Cyprus, Germany, Spain, Sweden, Ireland, Poland and Italy), and from different sectors such as universities, research institutes, public administration, SMEs and large enterprises. As the main result, a set of six BIMtools and a BIM Management System (BIMMS) was delivered and validated in three pilot buildings in Italy, Poland and Finland. These results were designed to speed up and facilitate the building renovation process throughout all stages from the design and construction. The target users of the tools are design and construction professionals, such as engineers, architects, surveyors, energy designers, construction workers, construction managers, but also inhabitants.

This report documents the planning and the delivery of the BIM4EEB Final Conference. The goal of the final conference is to communicate and disseminate the project results to the target groups of the project. For this purpose, all partners were involved in the activity and the majority of the partners directly contributed to it. This action is the main dissemination and communication activity before the project closure. In this context, the BIMWorld Fair in Paris in April 2022 was selected to host BIM4EEB final conference in order to achieve the goals of the task.

This deliverable is related to the D10.7 Interim Conference as it is the closure of the work started in that event and it is also related to D10.11 the Final Dissemination and Communication report as it is part of the Dissemination and Communication activities.

This document describes the event planning and organisation, provides a description of the activities performed and draw the conclusions on the results.

2 Event Organisation

2.1 The BIMWorld Paris fair

The [BIMWorld](#) Fair in Paris gathers BIM professionals, communities and industry since 2015. The fair is attended by small and larger businesses, public and private contractors and showcase the best solutions and practices in the market. The attendees seek for solutions, new models and new skills to transform their organization, their processes, their product or service offerings.

In 2022, the BIMWorld fair in Paris took place at the Pavillon 4 at Porte de Versailles from the 5th to the 6th of April. The fair hosted also two other events the “[Digital Twins Meetings](#)” organised by buildingSMART France and the [Bas-Carbon Solutions](#) in partnership with Low-Carbon World observatory. The fair received 300 exhibitors and had 145 presentation in the 8 stages set at the fair.

2.2 BIM4EEB at BIMWorld

The final BIM4EEB conference was planned to be delivered at the end of the project as part of the European Sustainable Energy Week (EUSEW) in Brussels. The event used to be held every year in June. However, since 2021 the event was moved to September. In this context, it was required another event to host the final conference.

The BIMWorld fair was selected to host the Final Conference of the project for two main reasons. The first was the fair target group and the number of visitors; and the second was the timing of the fair. BIMWorld fair together with the Digital twins event and the Bas-Carbon Solutions aimed the project target group providing a large scale communication platform and in the adequate timing as the project main results were ready to be presented in April 2022.

In order to take the most advantage of the event, BIM4EEB Communication and Dissemination team booked a stand/booth (A38) in the fair and scheduled the final conference presentation to the main stage (Salle 5) in the afternoon of the first day (Figure 1).



Figure 1 BIM4EEB at BIMWorld – Fair plan. BIM4EEB event and main stage is highlighted in red.

The project final conference presentation was featured in the fair programme and it was available in the [website](#) and in printed version at the fair (Figure 2). The fair map with the stand location was also available at the BIMWorld [website](#) and at the fair in a printed format.

Programme du mardi 5 avril 2022							
BIMWORLD	BIMWORLD	BIMWORLD	BIMWORLD Solutions Bas-Carbone	BIMWORLD Solutions Bas-Carbone	les rencontres des JUEUX NUMÉRIQUES	Solutions Bas-Carbone	BIMWORLD Solutions Bas-Carbone
Salle 1	Salle 2	Salle 3	Salle 4	Salle 5	Salle 6	Salle 7	Salle 8
<p>09:30 openBIM basics : les fondamentaux pour des projets collaboratifs efficaces Conférence BIM World En partenariat avec buildingSMART France et MINnD</p> <p>11:00 Comment tirer le meilleur parti des processus collaboratifs et de l'interopérabilité ? Conférence BIM World En partenariat avec buildingSMART France et MINnD</p> <p>12:00 Quelles stratégies pour la continuité numérique des données, vecteur d'une industrie de la construction compétitive et carbone neutre ? Conférence BIM World En partenariat avec buildingSMART France et MINnD</p> <p>13:15 Comment utiliser et partager une donnée de référence dans un modèle ? Conférence BIM World En partenariat avec buildingSMART France et MINnD</p> <p>14:15 Compétences BIM : mythe ou réalité ? Comment recruter, comment se former ? Conférence BIM World En partenariat avec buildingSMART France et MINnD</p> <p>15:30 Comment échanger des données en s'appuyant sur des solutions interopérables et des processus collaboratifs ? Conférence BIM World En partenariat avec buildingSMART France et MINnD</p> <p>16:30 Panorama pratique de l'environnement commun de données normé Conférence BIM World En partenariat avec buildingSMART France et MINnD</p>	<p>09:45 Le géoréférencement dans un projet Open BIM Workshop Allplan</p> <p>10:15 Concours de modélisation d'un bâtiment Pop Culture Workshop Allplan</p> <p>11:00 Faciliter le déploiement du BIM en France via les marchés publics Conférence BIM World En partenariat avec Autodesk</p> <p>12:00 Pourquoi opter maintenant pour une plateforme de gestion de construction ? Retours d'expérience de Ferrovia. Conférence BIM World En partenariat avec Procore</p> <p>13:30 BIM GEM, BIM Exploitation, RDS de la théorie à la pratique Workshop Codra</p> <p>14:00 Notre-Dame de Paris, l'Exposition Augmentée Workshop Histovry</p> <p>14:30 Mieux construire avec Dropbox Workshop Dropbox</p> <p>15:00 Generative design, ... Comment optimiser la production des maquettes numériques, présentation des thèses du Mastère DBD de l'école des Ponts ParisTech Conférence BIM World En partenariat avec l'École des Ponts ParisTech</p> <p>16:00 Présentation des thèses du Mastère BIM de l'école des Ponts ParisTech Conférence BIM World En partenariat avec l'École des Ponts ParisTech</p> <p>17:00 Optimiser la conception et les revues de projet grâce au BIM Conférence BIM World</p>	<p>09:30 Organiser la communication et la collaboration avec le BIM Conférence BIM World</p> <p>10:30 Construire, maintenir et exploiter des Infrastructures connectées et durables Conférence BIM World & Solutions Bas-Carbone</p> <p>11:30 CarbonCure pour un béton bas-carbone Workshop Editco groupe</p> <p>12:00 Projets de construction ou de rénovation de bâtiments : gestion de construction ? Retours d'expérience de BIM ? Conférence BIM World En partenariat avec Opqbi</p> <p>13:30 Solution BIM intégrée, des études à la construction Workshop Allplan</p> <p>14:00 Numérisation de l'existant, réception en BIM et DOE numérique, ... comment optimiser la gestion et l'exploitation future du bâtiment Conférence BIM World En partenariat avec buildingSMART France et MINnD</p> <p>15:00 Dernières évolutions des outils métiers pour la conception et l'architecture Conférence BIM World</p> <p>16:00 Fédérer pour faire : la clé de réussite pour des territoires Durables & Bas Carbone Conférence Solutions Bas-Carbone En partenariat avec l'Union Nationale des Aménageurs</p> <p>17:00 Présentation des thèses du Mastère Immobilier et Bâtiments Durables Ecole des Ponts ParisTech Conférence BIM World & Solutions Bas-Carbone En partenariat avec l'École des Ponts ParisTech</p>	<p>09:30 Les solutions pour massifier la rénovation : financements, systèmes constructifs, organisations et filières Conférence Solutions Bas-Carbone</p> <p>10:15 Quels indicateurs pour la qualité environnementale des matériaux ? Conférence Solutions Bas-Carbone</p> <p>11:00 La Stratégie Nationale Bas-Carbone sous contrainte de ressources : quelles conséquences dans la construction ? Conférence Solutions Bas-Carbone En partenariat avec l'Institut National de l'Economie Circulaire</p> <p>12:00 Comment mettre en œuvre la REP bâtiment, les verrous à lever Conférence Solutions Bas-Carbone</p> <p>14:00 Société du Grand Paris, SNCF Gares & Connexions, Groupe ADP : Retours d'expérience pragmatiques et réels de maîtres d'ouvrage, les avancées, les freins et la vision du futur Conférence BIM World En partenariat avec la Société du Grand Paris</p> <p>15:15 Les processus et la data au service de l'analyse des ouvrages Conférence BIM World En partenariat avec Kairnal</p> <p>16:15 Transformation digitale pour des bâtiments durables et efficaces Conférence BIM World En partenariat avec Schneider Electric</p> <p>17:00 Cas d'usages des jumeaux numériques, modèles économiques : immobilier, infrastructures, ouvrages spéciaux. Conférence BIM World</p>	<p>09:30 Loi AGECE : deux ans après, bilan et perspectives. Keynote : Marta DE GODIAC, Sénatrice des Veilles, Rapporteur de la loi relative à la lutte contre le gaspillage et à l'économie circulaire</p> <p>10:00 Accélération de la transformation digitale, l'industrie de l'AEC en pleine mutation Keynote : Nicolas MANGON, Vice-Président AEC et stratégie AutoCAD, Autodesk</p> <p>10:30 Bâtiment 4.0 : Ou comment sortir 20M de Français de la précarité Workshop Smart Buildings Alliance</p> <p>11:15 Bas-Carbone et patrimoine existant : quelles solutions ? Conférence Solutions Bas-Carbone</p> <p>12:15 Comment allier qualité de l'air intérieur et obligation de résultat dans la RE2020 Conférence Solutions Bas-Carbone En partenariat avec Qualibat</p> <p>15:00 BIM based fast toolkit for Efficient Renovation of residential Buildings : présentation des résultats du programme européen Conférence BIM World & Solutions Bas-Carbone En partenariat avec le Conseil des Architectes d'Europe (ACE)</p> <p>16:30 Optimiser la Gestion/exploitation/maintenance des bâtiments avec le BIM-GEM : contraintes et bénéfices Conférence BIM World</p> <p>17:30 Décabrez votre activité : quelles stratégies bas-carbone pour le secteur tertiaire et les collectivités ? Conférence Solutions Bas-Carbone En partenariat avec Enertis</p>	<p>09:30 De l'intelligence artificielle à l'industrie agile : enjeux et modèles économiques des jumeaux numériques Que recouvre le concept de jumeau numérique ? Qu'en attendent en termes « business » ? Quels acteurs travaillent à définir les jumeaux numériques dans l'industrie de la Construction ? En partenariat avec l'Alliance HQE-GBC</p> <p>11:00 Regards croisés : énergie et digitalisation du secteur, producteurs de jumeaux numériques et big players Point de vue de l'International Renewable Energy Agency, retours d'expériences d'équipes opérationnelles et visions de sociétés numériques</p> <p>13:30 Apprendre des différents secteurs d'activités qui utilisent le jumeau numérique Dénominateur commun, points de vigilance, critères de succès : à la croisée des jumeaux numériques dans différentes filières industrielles</p> <p>15:30 L'art du numérique : construire et habiter dans le Metaverse Keynote Patrick Moya, un artiste et son jumeau numérique !</p> <p>16:00 Genèse et prospective Keynote Henri Gouraud, inventeur de la technique de rendu 3D éponyme : Gouraud Shading</p> <p>16:30 Quelles convergences numériques pour créer les conditions d'un cloud européen des données ? En quoi l'interopérabilité favoriserait-elle l'émergence d'un cloud européen ?</p>	<p>09:30 Présentation des indicateurs HQE pour les quartiers durables. Conférence Solutions Bas-Carbone En partenariat avec l'Alliance HQE-GBC</p> <p>10:15 Le projet bSI International ITC-for-Tunnelling Workshop Vanova</p> <p>10:45 Solutions innovantes pour bétons Bas-Carbone Workshop Ecocem</p> <p>11:15 Le rôle de l'individualisation des Frais de Chauffage dans la décarbonation des immeubles collectifs Conférence Solutions Bas-Carbone En partenariat avec ThermPress</p> <p>12:15 Présentation des travaux et perspectives du Label RE2020 Conférence Solutions Bas-Carbone</p> <p>14:00 Réussir la RE 2020 : quels leviers pour optimiser le bilan carbone ? Conférence Solutions Bas-Carbone</p> <p>14:45 Réussir la RE 2020 : conception bioclimatique et confort d'été Conférence Solutions Bas-Carbone</p> <p>15:30 Economie circulaire et économie de ressources sur les chantiers : rôle du numérique et clés du succès Conférence BIM World & Solutions Bas-Carbone</p> <p>16:30 Le levier de la commande publique dans la transition écologique de la construction Conférence Solutions Bas-Carbone En partenariat avec l'Institut National de l'Economie Circulaire</p> <p>17:30 Enquêtes RE2020 et décarbonation des projets en neuf : comment les professionnels et les industriels s'adaptent En partenariat avec BatiEtude, groupe Axiome Média</p>	<p>09:30 L'IA au service du LiDAR Workshop Geo-Plus</p> <p>10:00 Bien démarrer sa démarche digitale, quels enjeux ? Workshop Altametrus</p> <p>10:30 La continuité numérique de votre bâtiment Workshop Calenda</p> <p>11:00 Spacemaker, l'outil de conception nouvelle génération Workshop Autodesk</p> <p>11:30 Industrialisation de la Construction avec la 3DEXPERIENCE Plateforme Workshop Dassault Systems</p> <p>12:00 Optimisez les plannings de vos projets Workshop Teamoty</p> <p>12:30 Coordination synchrone & asynchrone Workshop Revizto</p> <p>13:00 Learn how to create your digital twin Workshop Navorender</p> <p>13:30 Maîtriser un ouvrage sur l'ensemble de son cycle de vie Workshop IFS</p> <p>14:00 Exploitez vos maquettes numériques dans la GMAO / GEM CARL Source Workshop CARL Berger-Levrault</p> <p>14:30 Gérer la continuité de la donnée Workshop Kairnal</p> <p>15:00 Le jumeau numérique pour exploiter le BIM Workshop Autodesk Tandem</p> <p>15:30 Digitalisez la gestion des déchets Workshop Teamoty</p> <p>16:00 Planification des solutions d'accès dans une démarche BIM Workshop Dormakaba</p> <p>16:30 Smart Zoning, l'IA au service de vos plans Workshop Finalcad</p> <p>17:00 Projet visant la certification Zero Carbon Workshop ARP Astrance</p> <p>17:30 Remise des prix du concours BIM INNOVATION 2022 Workshop CESI</p>

Figure 2 BIM4EEB at BIMWorld Fair programme. BIM4EEB event is highlighted in red.

2.3 BIM4EEB Final Conference agenda

The final conference was scheduled from 15:00 to 16:30 in the main stage on the 5th April 2022.

As the participants of the fair seek solutions for their business, the agenda focused on the 6 BIM tools and the BIM Management system developed by the project to attend this demand.

The agenda was divided into two parts. The first was an introduction to the project by the project coordinator and a presentation from the BIM4EEB project officer. The second part included 7 presentations of the main features and benefits of the BIM Management system and the six tools by all partners involved in the development of the tools.

A [dedicated webpage for the Final Conference](#) was published at BIM4EEB website where the agenda and the registration form was available.

The full agenda with the event description can be found in the appendix.



BIM4EEB
BIM based fast toolkit for
Efficient renovation in Buildings

BIM4EEB
Horizon2020 project
BIM based fast toolkit for Efficient renovation of residential Buildings
www.bim4eeb-project.eu

BIM4EEB Final Conference
Tuesday 5 April 2022: 15:00 – 16:30 (CET)
[BIMworld - Paris](#), Paris Expo, Porte de Versailles, 75015 Paris- France
Pavilion 4
Conference room: Salle 5

Agenda

15:00 | 15:10 [BIM4EEB](#) Introduction
Prof. Bruno Dascalotti – Project Coordinator ([Polim4](#))

15:10 | 15:20 Presentation by European Commission Project Officer
Dimitrios BILIOUBIS

15:20 | 16:20 Toolkit presentation (setting the scene with the [tools' video](#))

[BIMMS](#), BIM Management System
Davide Madeddu ([OneTeam](#))

[Fast Mapping Tool](#), Mapping and Augmented Reality
Eva-Lotta Kurkinen ([BSE-CGI](#))

[BIMeasur](#), Decision support tool for Energy Savings
Markku Kiviniemi - [VTI](#)

[BIMcpd](#), HVAC Design and Performance Evaluation
Brian O'Regan, [UCC](#)

[BIMplanner](#), Renovation works' management
Markku Kiviniemi, [VTI](#)

[BIM4Occupants](#), Occupants' Profiling Mechanism
Andrea Giovanni Mainini, [Polim4](#)

[AUTERAS](#), Tool for room automation
[TUD](#)

16:20 | 16:30 Question and Answers and final remarks

Visit us at **Booth A38** for more information!

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2.4 Social Media Campaign and Invitations

The social media campaign and event invitation action started one month before the event and lasted until the event day. Attendees who registered for BIM4EEB event were provided with free entrances for the fair.

The invitation and the registration link were also published in the [BUILDUP portal](#), at [ECTP website](#), at [ACE website](#) and the [Woman in BIM website](#).

An email template was also developed and sent to partners to facilitated the process of inviting their own network. The email template can be found in the appendix.

There were 12 free entrances issued for the invitees register in the BIM4EEB event.



3 Overview of the event

3.1 Final Conference Presentations

The main stage at the BIMWorld fair could accommodate almost 100 people seated and also a floating audience of people that would passby the event and watch it while standing. At the BIM4EEB final conference, the seated attendance was around 70 people and there was a good flow of passerbys during the one hour and a half (Figure 3).



Figure 3 BIM4EEB presentation – Final Conference

The event was moderated by Professor Bruno Daniotti, the project coordinator who presented an overview of the project. He was followed by the project officer Dimitrios Biliouris presentation on the role of HaDEA in the European projects and upcoming funding opportunities, closing the first part of the event. In the second part, Davide Madeddu from One Team presented the BIM Management System, followed by the presentations about the fast mapping toolkit delivered by Eva-Lotta Kurkinen from Ri.se, the BIMeaser and BIMPlanner tools delivered by Markku Kiviniemi, the BIMcpd delivered by Brian O'Regan from IERC and finally finishing with BIM4Occupants presentation delivered by Andrea Mainini from Politecnico di Milano on behalf of Suite5. The AUTERAS tool was presented through a video (<https://youtu.be/JhQihL4E4vk>).

In addition to the planned presentations, Prof Daniotti gave the opportunity to other project partners who attended to the event to briefly explain their role in the project. Professor Alberto Pavan from Politecnico di Milano addressed the collaboration with other sister projects (BIMSpeed, BIM4REN, BIMERR, ENCORE and SPHERE) in the CEN 442. Giuseppina Rita Tola from Regione Lombardia talked about the Italian mandate in BIM and the work Regione Lombardia developed in BIM4EEB to implement BIM in their framework, this included the report on the guidelines for BIM implementation for the public sector and validation of the BIM tools in the Italian Demonstration Building owned by Regione Lombardia. Aleksander Bartoszewski from Prochem briefly explained about the validation of the tools in the Polish Demonstration Building. Andrea Perego from OneTeam emphasized the importance of the funding from the European Commission to open possibilities to different companies from different sizes to develop and build up knowledge in new tools. And finally, Andrea Mainini from PoliMi highlighted the importance of having the

correct data in the right moment as it is provided by the BIM4EEB tools. This provided the attendees with a better understanding not only about the tools but also about the demonstration building activities and the involvement of public administration in the project. During the presentations, several informative leaflets in French and English were distributed to the audience according to the participant's language preferences. The promotional video (<https://youtu.be/JbQeUF3SCFY>) about the activities in the demonstration buildings in Italy, Poland and Finland was shown at the end of the conference.

A detailed description of the presentation can be found in the event [pressrelease](#). The recordings of the conference are available at [BIM4EEB YouTube channel](#).

3.2 BIM4EEB Stand

As a parallel and complementary Communication and Dissemination actions, BIM4EEB partners interacted with the visitors during the two days of fair at BIM4EEB stand (Figure 5 Attendees participation at BIM4EEB stand). At the occasion, Eva-Lotta Kurkinen demonstrated the fast mapping toolkit (Figure 6) to visitors allowing them to test the goggles and the sensor stick. Leaflets in French and English were distributed to the visitors interested in knowing more about the tools and the project. Two roll up posters (Figure 4) one with the information about the project and the other with information about the presentations were displayed. Partners actively interacted with visitors and with other exhibitors in the fair explaining about the project and the tools developed.

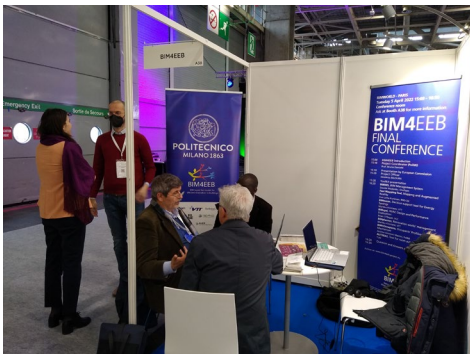


Figure 4 Roll up posters at the BIM4EEB stand



Figure 5 Attendees participation at BIM4EEB stand

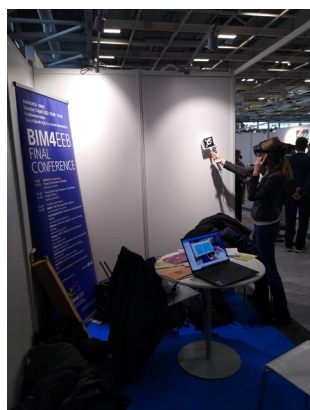


Figure 6 Demonstration of the BIM4EEB fast mapping toolkit

3.3 Fair attendance

The fair was attended by 10.518 unique participants from 49 nationalities. On social media the event was followed by 12.400 people. The fair attendees bussiness sectors were in the majority (54%) architectural practices, research and engineering firms, contractors, subcontractors and builders. The property managers and local authorities were 8% and 7% respectively (Figure 7). The majority of the attendees (45%) expected to develop new skills and find new software tools (Figure 8). The three main areas of interest were construction 4.0 and industrialisation, material and enviromental performance and energy and operational performance (Figure 9).

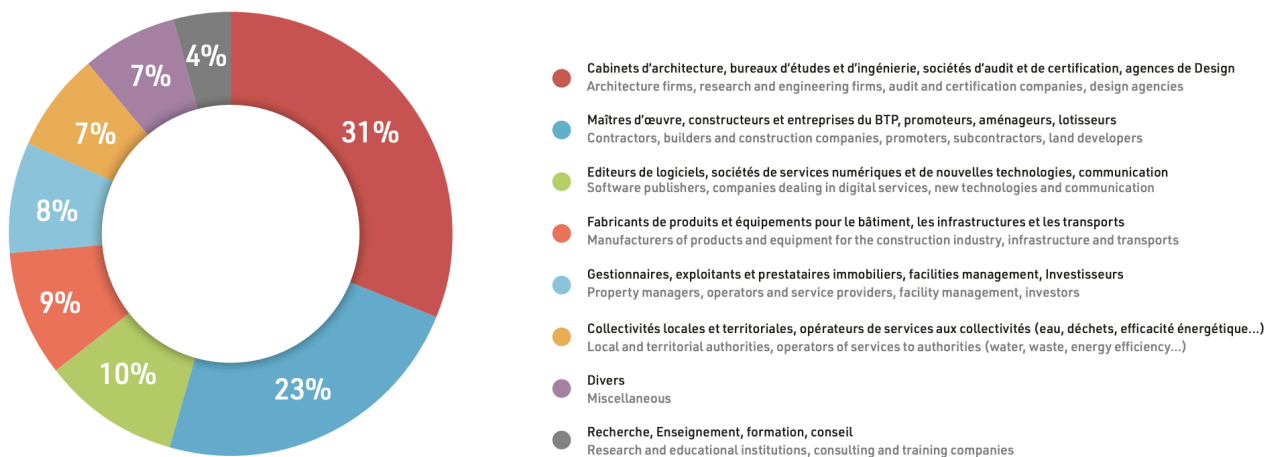


Figure 7 BIMWorld attendees by business sector

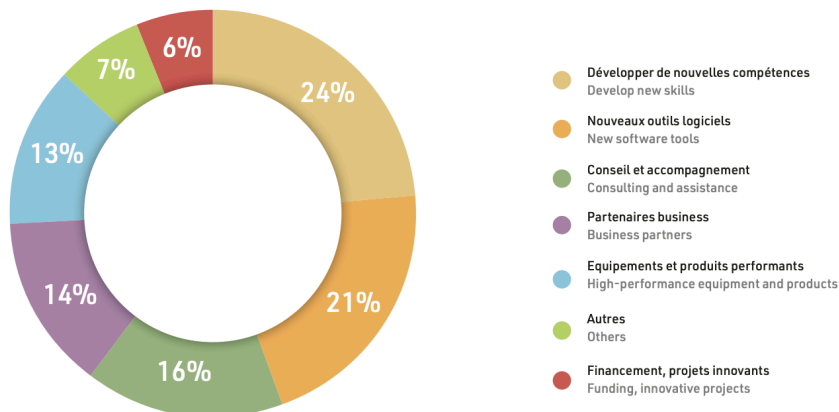


Figure 8 BIMWorld attendees' expectation.

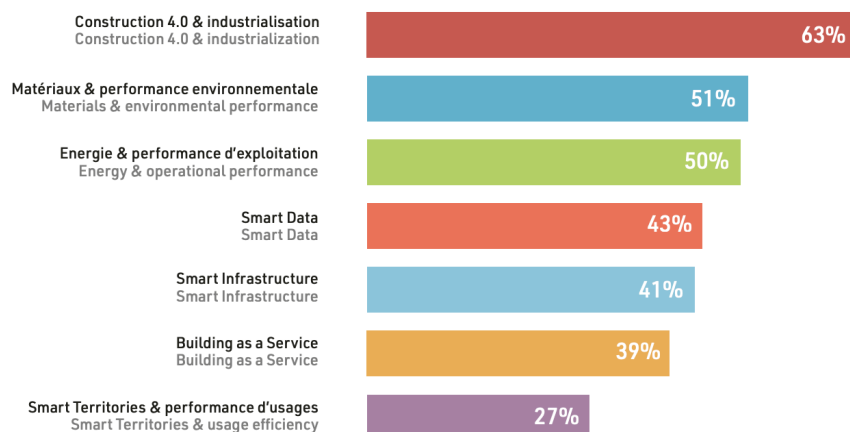


Figure 9 BIMWorld attendees' area of interest

Overall, the BIMWorld attendees area of interest and expectations were in line with BIM4EEB target groups and core messages disseminated during the event.

4 Conclusions

The final conference of BIM4EEB project were delivered at the BIMWorld fair in Paris between the 5th and 6th April 2022. The fair gathered 10.518 unique participants from 49 nationalities. It received 300 exhibitors and had 145 presentations in the 8 stages set at the fair. The event was organised jointly with the Digital twins event and the Bas-Carbon Solutions. It provided a large platform for dissemination and communication of the project results to the target groups such as architectural practices, researchers and engineering firms, contractors, subcontractors and builders (54% of the attendees); property managers (8% of the attendees) and local authorities (7% of the attendees).

The BIM4EEB final conference took place on the 5th of April between 15:00 and 16:30. All partners attending to the event had the opportunity to explain their participation in the project adding to the planned agenda. During the presentation, informative leaflets in English and in French were distributed to the audience. The audience could understand the project, had an overview of the European Commission funding opportunities and learn about the benefits of the six BIM tools and the BIM Management System.

As a parallel and complementary Communication and Dissemination action, BIM4EEB partners interacted with the visitors during the two days of fair at BIM4EEB stand. The fast mapping toolkit was demonstrated, leaflets in French and English were distributed and two roll up posters were displayed. Partners actively interacted with visitors and with other exhibitors in the fair explaining about the project and the tools developed.

The overall result of these actions were positive. BIM4EEB partners have actively participated and engaged with the public and the project results were disseminated to a large and aimed audience. During the conference, it is estimated that an average of 70 people attended to the presentations. In addition, a large floating number of people either followed the event sitting or standing. Around 200 leaflets in French were distributed and other 130 in English. It is estimated that the project partners have received 150 people in the stand. As the fair had a high number of visitors, it is difficult to make a precise estimate of the total number of attendees.

The 14 social media posts about the event had 110 reactions, and 21 shares. The recording were watched by 64 people on YouTube.

5 Appendix

5.1 Event webpage








BIM4EEB FINAL CONFERENCE AT BIM WORD PARIS APRIL 5TH

Tue, 15 March 2022

BIM4EEB will attend the final conference on Tuesday 5 April 2022: 15:00 –16:30 (CET) at BIMWoIrd -Paris, Paris Expo, Porte de Versailles, Paris-France

[View article](#)


BIM4EEB

BIM4EEB FINAL CONFERENCE AT BIM WORD PARIS APRIL 5TH

Tue, 15 March 2022

Register in the form [HERE](#) and get free tickets for BIMWorld in Paris and the BIM4EEB final conference.

BIM4EEB partners are happy to present the BIM toolkit for efficient renovation developed during 4 years of this EU-funded research and innovation project.

At the one hour and a half conference, you will learn about the [BIM Management System](#) (BIMMS), a platform for easy exchange and use of information gathered from different sources throughout the building's life cycle, and the six tools integrated into it as follows.

[Fast mapping toolkit](#) encompasses a mix reality goggles and sensor stick developed to scan to BIM existing buildings and elements such as plasterboard studs.

[BIMeaser](#) stands for a BIM Early Stage Energy Scenario tool. The tool is designed to support the decision-making process in the early design stage of the renovation process. The tool allows the assessment of several energy refurbishment design options to provide solutions that best fit to the client requirements while optimising the energy use and the indoor comfort for the occupants.

[BIMcpd stands](#) for BIM Constraint Checking, Performance Analysis and Data Management. The tool is a user-friendly intuitive software suite designed to reduce processing time for constraint checking, increase building energy performance knowledge, standardise building energy data and help users to make informed and better decisions.

[BIMPlanner](#) provides a digital environment to share up-to-date information about the plans and site progress operations with all participants of a renovation project. Applying the Location-based management system (LBMS), the tool links data from familiar planning and tracking desktop tools with BIM models to allow more effective management of renovation site operations.

[BIM4 Occupants](#) application enables continuous monitoring of ambient and energy conditions in real time as well as access to historical information. The users are able to get a quick overview of current contextual conditions while also receive insights about the overall performance in the past. On the other hand, the users of the tool are triggered to interact with the application and provide feedback about the environmental conditions in premises, information that is further utilised for the extraction of the typical behavioural profiles of the users under different contextual conditions.

[AUTERAS](#) supports building services designers to design Room Automation Systems (as part of Building Automation Control Systems-BACS) with a semi-automated process of a functional requirement survey and the generation of function block-based designs, which use standardised symbols to ensure a high comprehension from professionals in different trades.

Attachments

^

AGENDA

↓

[GO BACK](#)

<https://www.bim4eeb-project.eu/news/bim4eeb-final-conference.html>

5.2 Press release



BIM4EEB FINAL CONFERENCE AT BIMWORLD PARIS PROJECT RESULTS

Thu, 21 April 2022

The BIM4EEB final conference was held at BIMWorld Parison 5 April 2022. The fair received 10.518 participants from the BIM industry in Europe. The BIM4EEBpartners presented the six BIM tools and the BIM Management System (BIMMS) that aims to speed up and facilitate the building renovation process throughout all stages from the design and construction. Three pilot buildings in Italy, Poland and Finland provided the means for testing and validating the developed tools.

[View article](#)

BIM4EEB FINAL CONFERENCE AT BIMWORLD PARIS PROJECT RESULTS

Thu, 21 April 2022

After 3,5 years, BIM4EEB partners share the main results of the project; the BIM ontologies, the [BIM Management System \(BIMMS\)](#) and the six BIM tools, the [fast mapping toolkit](#), the [BIMeaser](#), the [BIMcpd](#), the [BIMPlanner](#), the [BIM4Occupants](#) and [AUTERAS](#) tool.

The consortium was joined by Dimitrios Biliouris, BIM4EEB project Officer at HaDEA at the European Commission. Mr Biliouris explained the role of HaDEA in European funded projects: "We are involved in the full cycle of the project management. We are doing the evaluation of the proposal, the grant agreement preparation and project follow up, and at the end the policy feedback. We take the results of the project and we provide them as a feedback to the European Commission to see if there is a need for further funding in the same sector or different areas. So basically, for each project, depending on the result, there is the possibility of future funding in the same area."

Dimitrios Biliouris, [BIM4EEB](#) project officer presenting [HaDEA](#) and the funding opportunities from European Commission.

Andrea Perego, Innovation Consulting Service director at One Team and BIM4EEB partner reinforced the need of funding to boost the market. "Funding is fundamental to give the possibility for companies of different sizes to have access to this kind of technology."

Professor Bruno Daniotti, professor at the [Department of Architecture, built environment and construction engineering](#) at the Politecnico di Milano, BIM4EEB Project Coordinator, summarised the objectives of the project "Maximize efficiency in time, cost and quality and energy, accelerating the market uptake of BIM" for building renovation. He highlighted the importance of interoperability in the BIM process: "If we don't think about open and interoperable tools we cannot go on. We cannot depend on one software."

Attachments

Press Release



<https://www.bim4eeb-project.eu/news/bim4eeb-final-conference-at-bimworld-parisproject-results-.html>

5.3 Invitation email template

Email template – Invitation to BIM4EEB Final conference at BIMWorld - Paris

BIM4EEB – BIM based fast toolkit for Efficient rEnovation of residential Buildings

Dear xxxxxxxx

On behalf of the [BIM4EEB project](#), we would like to invite you to the final project conference that will take place at [BIMWorld Paris](#) on 05th April from 15:00 to 16:30.

BIM4EEB partners will present the BIM toolkit for efficient renovation developed during this 4 years EU-funded research and innovation project. At the conference, you will learn about the **BIM Management System (BIMMS)**, a platform for easy exchange and use of information gathered from different sources throughout the building's life cycle, and the six tools integrated into it as follows.

- Fast mapping toolkit

- BIMeaser

- BIMcpd

- BIMPlanner

- BIM4Occupants

- AUTERAS

Please, if you are interested in attending BIM4EEB final conference at BIMWorld in Paris, please register in the form [here](#). After registration, we will send you a free tickets code to be use at the [inscription area](#) in the website.

We look forward to seeing you there.

Best regards,

5.4 Agenda and event description



BIM4EEB
BIM based fast toolkit for
Efficient renovation in Buildings

BIM4EEB
Horizon2020 project
BIM based fast toolkit for Efficient renovation of residential Buildings
www.bim4eeb-project.eu

BIM4EEB Final Conference
Tuesday 5 April 2022: 15:00 – 16:30 (CET)
BIMworld - Paris, Paris Expo, Porte de Versailles, 75015 Paris - France
Pavillon 4
Conference room: Salle 5

Agenda

15:00 | 15:10 **BIM4EEB** Introduction
Prof. Bruno Darioiti – Project Coordinator ([Polim](#))

15:10 | 15:20 Presentation by European Commission Project Officer
Dimitrios BILICOURIS

15:20 | 16:20 Toolkit presentation (getting the scene with the [tools' video](#))

BIMMS, BIM Management System
Davide Madeddu ([OneTeam](#))

Fast Mapping Tool, Mapping and Augmented Reality
Eva-Lotta Kurkinen ([BSE-C&E](#))

BIMeasur, Decision support tool for Energy Savings
Markku Kiviniemi, [VTT](#)

BIMcpd, HVAC Design and Performance Evaluation
Brian O'Regan, [UCC](#)

BIMalanner, Renovation works' management
Markku Kiviniemi, [VTT](#)

BIMOccupants, Occupants' Profiling Mechanism
Andrea Giovanni Mohini, [Polim](#)

AUTERAS, Tool for room automation
[TUD](#)

16:20 | 16:30 Question and Answers and final remarks

Visit us at **Booth A38** for more information!

This project has received funding from European Union's Horizon research and innovation programme under grant agreement N. 820660
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BIM4EEB
BIM based fast toolkit for
Efficient renovation in Buildings

Event description

BIM4EEB partners are happy to present the BIM toolkit for efficient renovation developed during 4 years of this EU-funded research and innovation project.

At the one hour and a half conference, you will learn about the **BIM Management System (BIMMS)**, a platform for easy exchange and use of information gathered from different sources throughout the building's life cycle, and the six tools integrated into it as follows.


Fast mapping toolkit encompasses a mix reality goggles and sensor stick developed to scan to BIM existing buildings and elements such as plasterboard studs.

BIMeasur stands for a BIM Early Stage Energy Scenario tool. The tool is designed to support the decision-making process in the early design stage of the renovation process. The tool allows the assessment of several energy refurbishment design options to provide solutions that best fit to the client requirements while optimising the energy use and the indoor comfort for the occupants.

BIMcpd stands for BIM Constraint Checking, Performance Analysis and Data Management. The tool is a user-friendly intuitive software suite designed to reduce processing time for constraint checking, increase building energy performance knowledge, standardise building energy data and help users to make informed and better decisions.

BIMPlanner provides a digital environment to share up-to-date information about the plans and site progress operations with all participants of a renovation project. Applying the Location-based management system (LBMS), the tool links data from familiar planning and tracking desktop tools with BIM models to allow more effective management of renovation site operations.

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BIM4EEB
BIM based fast toolkit for
Efficient renovation in Buildings

BIMOccupants application enables continuous monitoring of ambient and energy conditions in real time as well as access to historical information. The users are able to get a quick overview of current contextual conditions while also receive insights about the overall performance in the past. On the other hand, the users of the tool are triggered to interact with the application and provide feedback about the environmental conditions in premises; information that is further utilised for the extraction of the typical behavioural profiles of the users under different contextual conditions.

AUTERAS supports building services designers to design Room Automation Systems (as part of Building Automation Control Systems-BACS) with a semi-automated process of a functional requirement survey and the generation of function block-based designs, which use standardised symbols to ensure a high comprehension from professionals in different trades.

Join us!

This project has received funding from European Union's Horizon research and innovation programme under grant agreement N. 820660
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5.5 Video recording



PARIS EXPO PORTE DE VERSAILLES

BIM4EEB Final Conference at BIMWorld Paris 2022

50 views • 12 Apr 2022



4



DISLIKE



SHARE



DOWNLOAD



SAVE



BIM4EEB H2020 EU

75 subscribers

SUBSCRIBED



<https://youtu.be/f-RKBc5ggMM>

5.6 Social media campaigns



6 Works Cited

BIMWorld. (2022, 05 11). *BIMWorld*. Retrieved from BIMWorld: <https://bim-w.com/wp-content/uploads/2022/05/Bilan-2022-1.pdf>