



BIM based fast toolkit for
Efficient rEnovation in Buildings

D10.2 Press Kit



This project has received funding from
European Union's H2020 research and innovation
programme under grant agreement N. 820660

The content of this document reflects only the author's
view only and the Commission is not responsible for any
use that may be made of the information it contains.

Programmes	H2020
Call for Proposal	LC-EEB-02-2018 Building information modelling adapted to efficient renovation
Project Title	BIM based fast toolkit for Efficient rEnovation in Buildings
Acronym	BIM4EEB
Project Grant Agreement	820660

Work Package	WP 10
Lead Partner	ACE
Contributing Partner(s)	PoliMI, OneTeam
Dissemination Level	Public
Type	DEC (Press and media actions)
Due date	31/03/2019
Date	28/03/2019
Version	1.0

DOCUMENT HISTORY

Version	Date	Comments	Main Authors
0.1	12.02.2019	First drafts of press release and PowerPoint send to partners for comments	Dr. Veronika Schröpfer, ACE
0.2	27.03.2019	Comments implemented and deliverable compiled	Dr. Veronika Schröpfer, ACE
1.0 FINAL	28.03.2019	Final version submitted	Dr. Veronika Schröpfer, ACE

Statement of originality:

This deliverable contains original unpublished work except where clearly indicated otherwise. Acknowledgement of previously published material and of the work of others has been made through appropriate citation, quotation or both.

BIM4EEB action has received funding from the European Union under grant agreement number 820660.

The information in this document is provided "as is", and no guarantee or warranty is given that the information is fit for any particular purpose. The above referenced consortium members shall have no liability for damages of any kind including without limitation direct, special, indirect, or consequential damages that may result from the use of these materials subject to any liability which is mandatory due to applicable law.

EXECUTIVE SUMMARY

This deliverable includes three main elements: a press release, a PowerPoint presentation of the project and promotion postcards. The Press Release reports on the kick-off of the project in Milan in January 2019, the project aim and objectives. It has been shared amongst the consortium with the request to translate it into national languages and release it to the press. The PowerPoint presentation is meant to be used by consortium partners to present the project at external events. It presents the consortium, as well as the pilots and provides a good overview of the project's aim, objectives and expected results. The presentation can be found in the project's sharing platform box. It can be assumed that the presentation is a living file and will change over the span of the project life with up-dates on achieved results. The post cards have been designed as promotional material, using images and icons suitable and easily understandable for the audiences of BIM4EEB.

PUBLISHABLE SUMMARY

BIM4EEB has created a press kit comprising a press release, a PowerPoint presentation of the project and promotion postcards.

1. The Press Release reports on the kick-off of the project in Milan in January 2019, the project aim and objectives. At the moment an English and an Italian version exist.
2. The PowerPoint presentation will be used by partners to present the project at external events. It presents the consortium, as well as the demonstration buildings and provides a good overview of the project's aim and expected results, i.e. the common data environment, the BIM toolkit, the various BIM tools.
3. The post/ e-cards have been designed as promotional material, to be used and shared amongst the stakeholders, press and general public.

TABLE OF CONTENTS

1	Introduction	6
1.1	Cooperation among project partners	6
2	Press Release	7
3	The Project Presentation	14
4	The Project Post/ e-cards	18
5	Conclusion	20

LIST OF FIGURES

Figure 1: The Press Release in English

Figure 2: The Press Release in Italian

Figure 3: Example of online press release by WP leader ACE

Figure 4: The complete project presentation

Figure 5: The BIM4EEB post or e-card

Figure 6: Three alternative versions of the BIM4EEB post or e-card

1 Introduction

Dissemination and Communication are vital for the BIM4EEB project. They are the main pillars of the BIM4EEB approach in terms of targeting different interest groups and presenting to them the project results. For every category of identified stakeholders, the communication and dissemination strategy differs. Nevertheless, the baseline message and brand remain transversal to all communication and dissemination activities. Deliverable 10.1 has already set this baseline with a cooperate identity of the project to be used in all dissemination and communication activities.

Various dissemination activities ensure a good visibility of the project towards the identified target groups and general public. These are based on a Dissemination and Communication strategy tailored to the various needs and expectations of the target groups, which will follow in Deliverable D10.3 in M6.

Ways of contacting actors differ in three main respects:

- Type of link established with each actor: from being informed to being involved;
- The number of actors being reached;
- The effectiveness in getting the outcomes of the project understood.

The goal of this deliverable is to present three main elements used for communicating with the *media*.

1. A press release
2. A PowerPoint presentation of the project
3. Promotional post or e-cards.

As a result this document is divided into three main parts, presenting each of the three items.

1.1 Cooperation among project partners

The *BIM4EEB Press Kit* was developed with the approval of the project coordinator PoliMi. It should be noted that *the presentation* is a living file and will change over the span of the project life with up-dates on achieved results. Only if the whole consortium works together on the up-dates it can reflect best the project's progress along the line. *The post or e-cards* have been designed as promotional material, using images and icons suitable and easily understandable for all audiences of BIM4EEB. They can be further developed by coordinator PoliMi for D10.5 to be included in the promotional material package.

2 Press Release

The Press Release reports on the kick-off meeting of the project in Milan in January 2019, the project aim, objectives and its expected results. It has been shared amongst the consortium with the request to translate it into national languages and release it to the press. So far it has been translated into Italian.



PRESS RELEASE

BIM4EEB, a BIM-based toolkit for the renovation of residential buildings: an efficient flow of information, decreasing construction time, while improving building performances, quality and comfort for inhabitants.

A new EU-funded Horizon 2020 project kicked-off with a meeting at the Politecnico di Milano, Italy in January. Its name **BIM4EEB** stands for "**BIM** based fast toolkit for **Efficient Renovation in Buildings**". The project consortium aims to develop an attractive and powerful BIM-based toolset, able to support all stakeholders in building retrofitting during all stages of the project, from designers to construction companies and service companies.

Context

Tackling climate change and cutting greenhouse gas emissions, in order to prevent huge repercussions for the planet's ecosystem, has become one of the most important global challenges and one of EU's top priorities. Decarbonisation of energy use in the European building stock is at the top of the EU agenda for gradually transforming EU's economy into a high-efficiency low carbon economy.

A significant fraction of the current building stock in Europe is over 50 years old, but the overall improvement in energy efficiency requires the significant acceleration and growth of the EU renovation market, at rates of over 3% (over the whole EU building stock) in contrast to the current annual rate of approximately 1%. The EU has set an 80% reduction goal in primary energy consumption by 2050 (European Climate Foundation, 2010), supported by the definition and implementation of the Zero Energy Building (ZEB) and nearly Zero Energy Building (nZEB) targets.

To achieve those ambitious targets, the Architecture, Engineering and Construction (AEC) industry is even undergoing a significant shift away from the use of 2D and 3D CAD models towards more semantically enriched digital models based on the implementation of Building Information Modelling (BIM). The need for managing information in digital environments along the building life-cycle has been recognised also by the European Union Public Procurement Directive (EUPPD), encouraging the 28 European Member States to require the use of BIM for publicly funded construction and building projects in the EU by 2016.

This trend has reached a point, where BIM is being used by several operators of the AEC industry, mainly for new buildings, but several barriers need still to be overcome for enhancing BIM implementation, especially for renovation processes. Due to the complex nature of digital information in BIM, the model creation process for existing buildings is a time consuming and costly process. Moreover, the most significant

challenges in BIM as a domain for interoperability are collaboration and scale, handled by a large and complex Industry Foundation Classes (IFC) language.

Expected results

The general objective of **BIM4EEB** is to propose methods and tools for overcoming current barriers arising in different stages of renovation processes (from field survey, initiation and design to construction and management), developing guidelines for BIM implementation and providing an easy, practical and operational platform as a central repository of information, namely Common Data Environment (CDE), with different connected tools.

Public and private owners will be able to use a tool that eases decision-making and asset management, thanks to the exploitation of augmented reality and the use of updated digital logbooks. This toolkit is the basic instrument for increasing semantic interoperability between software and stakeholders involved along the overall renovation process (design, planning, construction, performance assessment and management).

End-users of the entire renovation process will actively participate in the development phases ensuring the full matching of project deliveries with the market expectations. In particular, two public administrations and two general contractor companies will validate the toolset in a social housing setting and private residential buildings in Italy, Poland and Finland. Inhabitants will benefit by the increase of building performances, quality and comfort.

The project targets low energy performance multi-store residential buildings of the second half of the 1900s that account for about 20% of the existing European building stock. These case studies have significant energy retrofit potential and the applied retrofit strategies (including times and costs for BIM implementation) will be scalable and replicable.

Useful information

The project, running from January 2019 till June 2022, is coordinated by [Politecnico di Milano](#), together with [Fondazione Politecnico di Milano](#), and involves fourteen partners: [Teknologian tutkimuskeskus VTT Oy](#), [Solintel M&P](#), [Research Institutes of Sweden \(RISE\)](#), [University College Cork - National University of Ireland](#), [Suite5 Data Intelligence Solutions Limited](#), [One Team Srl](#), [Technische Universität Dresden](#), [Caverion Suomi Oy](#), [Visualynk Oy](#), [Architects' Council of Europe \(ACE\)](#), [CGI Sverige AB](#), [Regione Lombardia](#), [Azienda Lombardia per l'Edilizia Residenziale di Varese - Como - Monza Brianza - Busto Arsizio \(ALER\)](#) and [Prochem](#).

Project reference: Horizon 2020. Grant agreement n.820660
Timeline: January 2019 - June 2022
Website: Coming soon
Twitter: [@Bim4Eeb](#)
Email: infobim4eeb@polimi.it



The BIM4EEB team at the Kick-off meeting, 23 January 2019, Milan



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 820660. The sole responsibility for the content of this website lies with the authors. It does not necessarily reflect the opinion of the European Community.

Figure 1: The Press Release in English



COMUNICATO STAMPA

BIM4EEB, un toolkit che utilizza il BIM per la riqualificazione di edifici residenziali: un flusso efficiente di dati per ridurre i tempi di costruzione, migliorando nel contempo le prestazioni degli edifici, la qualità e il comfort per gli abitanti

A gennaio, durante un incontro al Politecnico di Milano, ha preso il via un nuovo progetto Horizon 2020 finanziato dall'UE. Il suo nome BIM4EEB è l'acronimo inglese di "Strumenti rapidi basati su sistema BIM (Building Information Modeling) per un rinnovamento efficiente degli edifici". Il consorzio del progetto mira a sviluppare un insieme di strumenti BIM smart, in grado di supportare tutti gli stakeholder nello sviluppo di operazioni di ammodernamento degli edifici durante tutte le fasi del processo, dai progettisti alle imprese di costruzione e alle società di servizi

Il contesto attuale

Affrontare il cambiamento climatico e ridurre le emissioni di gas serra, al fine di prevenire enormi ripercussioni sull'ecosistema del pianeta, è diventata una delle più importanti sfide globali oltre che una delle principali priorità dell'UE. La de-carbonizzazione che può seguire il cambio di fonti energetiche negli edifici europei è in cima all'agenda dell'UE; l'obiettivo è trasformare gradualmente l'economia europea in un'economia a basse emissioni di carbonio ed ad alta efficienza.

Una parte significativa dell'attuale patrimonio edilizio in Europa ha più di 50 anni, ma il miglioramento complessivo dell'efficienza energetica richiede l'accelerazione e la crescita significative del mercato della riqualificazione, con tassi superiori al 3% (sull'intero stock di edifici dell'UE) in contrasto con il tasso annuale corrente di circa l'1%. L'UE ha fissato un obiettivo di riduzione dell'80% nel consumo di energia primaria entro il 2050 (European Climate Foundation, 2010), supportato dalla definizione e attuazione degli obiettivi Zero Energy Building (ZEB) e Zero Energy Building (nZEB).

Per raggiungere questi obiettivi ambiziosi, l'industria dell'architettura, dell'ingegneria e delle costruzioni (AEC) si sta orientando verso un significativo spostamento dall'uso dei modelli CAD 2D e 3D verso modelli digitali semanticamente più arricchiti, in un'ottica di implementazione del Building Information Modelling (BIM) o modello digitale di un edificio. La necessità di gestire le informazioni in ambienti digitali lungo il ciclo di vita degli edifici è stata riconosciuta anche dalla direttiva sugli appalti pubblici dell'Unione europea (EUPPD), incoraggiando i 28 Stati membri a richiedere l'uso del BIM per progetti di costruzione finanziati con fondi pubblici nel UE entro il 2016.

Questa tendenza ha raggiunto un punto in cui il BIM viene utilizzato da diversi operatori del settore AEC, principalmente nelle nuove costruzioni, ma occorre ancora superare alcuni ostacoli per migliorare la sua attuazione nei processi di riqualificazione. A causa della natura complessa delle informazioni digitali dei database informativi nel BIM, il processo di creazione del modello per gli edifici esistenti appare ancora lungo e costoso. Inoltre, le sfide più significative del BIM come luogo dell'interoperabilità deve fronteggiare sono gli ambienti collaborative che deve fronteggiare e le differenti scale di intervento gestite da un ampio e complesso linguaggio della Industry Foundation Classes.

Risultati attesi

L'obiettivo generale del progetto **BIM4EEB** è quello di proporre metodi e strumenti per superare gli attuali ostacoli derivanti dalle diverse fasi del processo di rinnovamento (dalle indagini sul campo all'inizio della progettazione alla costruzione e gestione dell'edificio), sviluppare linee guida per l'implementazione del BIM e fornire una piattaforma facile, pratica e operativa come hub di informazioni, nominato Common Data Environment (CDE), a cui afferiscono diverse applicazioni.

I proprietari pubblici e privati saranno in grado di utilizzare uno strumento che facilita il processo decisionale e la gestione patrimoniale, grazie allo sfruttamento della realtà aumentata e all'uso del fascicolo del fabbricato digitale aggiornato. Questo strumento è la base essenziale per aumentare l'interoperabilità semantica tra i software e le parti interessate coinvolte nel processo di riqualificazione generale (progettazione, pianificazione, costruzione, valutazione delle prestazioni e gestione).

Gli utenti finali dell'intero processo di riqualificazione parteciperanno attivamente alle fasi di sviluppo assicurando la piena corrispondenza tra le consegne dei progetti e le aspettative del mercato. In particolare, due amministrazioni pubbliche e due aziende general contractor convalideranno il set di strumenti sia in un contesto di housing sociale che in edifici residenziali privati in Italia, Polonia e Finlandia. Gli abitanti beneficeranno dell'aumento delle prestazioni degli edifici, della qualità e del comfort. In particolare per l'Italia sono coinvolte Regione Lombardia, Azienda Lombarda per l'Edilizia Residenziale di Varese - Como - Monza Brianza - Busto Arsizio (ALER) e Politecnico di Milano.

Il progetto si rivolge a edifici residenziali multi piano a basso consumo energetico della seconda metà del 1900 che rappresentano circa il 20% del patrimonio edilizio europeo esistente. Questi case study hanno un significativo potenziale di retrofit energetico e le strategie di retrofit applicate (inclusi tempi e costi per l'implementazione del BIM) saranno modulabili e replicabili.

Informazioni utili

Il progetto è stato iniziato nel gennaio 2019 e durerà fino a giugno 2022; è coordinato dal Politecnico di Milano, insieme alla Fondazione Politecnico di Milano, e coinvolge 14 partners: Teknologian tutkimuskeskus VTT Oy, Solintel M&P, Research Institutes of Sweden (RISE), University College Cork - National University of Ireland, Suite5 Data Intelligence Solutions Limited, One Team Srl, Technische Universität Dresden,

Caverion Suomi Oy, Visualynk Oy, Architects' Council of Europe (ACE), CGI Sverige AB, Regione Lombardia, Azienda Lombardia per l'Edilizia Residenziale di Varese - Como - Monza Brianza - Busto Arsizio (ALER) and Prochem.

Project reference: Horizon 2020. Grant agreement n.820660
Timeline: January 2019 - June 2022
Website: Coming soon
Twitter: @Bim4Eeb
Email: infobim4eeb@polimi.it



Il team BIM4EEB a the Kick-off meeting, 23 gennaio 2019, Milano



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 820660. The sole responsibility for the content of this website lies with the authors. It does not necessarily reflect the opinion of the European Community.

Figure 2: The Press Release in Italian

ARCHITECTS' COUNCIL OF EUROPE
CONSEIL DES ARCHITECTES D'EUROPE

11 March 2019

PRESS RELEASE

BIM4EEB, a BIM-based toolkit for the renovation of residential buildings: an efficient flow of information, decreasing construction time, while improving building performances, quality and comfort for inhabitants.

A new EU-funded Horizon 2020 project kicked-off with a meeting at the Politecnico di Milano, Italy in January. Its name **BIM4EEB** stands for **BIM** based fast toolkit for **E**fficient **R**enovation in **B**uildings". The project consortium aims to develop an attractive and powerful BIM-based toolset, able to support all stakeholders in building retrofitting during all stages of the project, from designers to construction companies and service companies.

Context

Tackling climate change and cutting greenhouse gas emissions, in order to prevent huge repercussions for the planet's ecosystem, has become one of the most important global challenges and one of EU's top priorities. Decarbonisation of energy use in the European building stock is at the top of the EU agenda for gradually transforming EU's economy into a high-efficiency low carbon economy.

A significant fraction of the current building stock in Europe is over 50 years old, but the overall improvement in energy efficiency requires the significant acceleration and growth of the EU renovation market, at rates of over 3% (over the whole EU building stock) in contrast to the current annual rate of approximately 1%. The EU has set an 80% reduction goal in primary energy consumption by 2050 (European Climate Foundation, 2010), supported by the definition and implementation of the Zero Energy Building (ZEB) and nearly Zero Energy Building (nZEB) targets.

To achieve those ambitious targets, the Architecture, Engineering and Construction (AEC) industry is even undergoing a significant shift away from the use of 2D and 3D CAD models towards more semantically enriched digital models based on the implementation of Building Information Modelling (BIM). The need for managing information in digital environments along the building life-cycle has been recognised also by the European Union Public Procurement Directive (EUPPD), encouraging the 28 European Member States to require the use of BIM for publicly funded construction and building projects in the EU by 2016.

This trend has reached a point, where BIM is being used by several operators of the AEC industry, mainly for new buildings, but several barriers need still to be overcome for enhancing BIM implementation, especially for renovation processes. Due to the complex nature of digital information in BIM, the model creation process for existing buildings is a time consuming and costly process. Moreover, the most significant challenges in BIM as a domain for interoperability are collaboration and scale, handled by a large and complex industry Foundation Classes (FC) language.

Expected results

The general objective of **BIM4EEB** is to propose methods and tools for overcoming current barriers arising in different stages of renovation processes (from field survey, initiation and design to construction and management), developing guidelines for BIM implementation and providing an easy, practical and operational platform as a central repository of information, namely Common Data Environment (CDE), with different connected tools.

Public and private owners will be able to use a tool that eases decision-making and asset management, thanks to the exploitation of augmented reality and the use of updated digital logbooks. This toolkit is the basic instrument for increasing semantic interoperability between software and stakeholders involved along the overall renovation process (design, planning, construction, performance assessment and management).

End-users of the entire renovation process will actively participate in the development phases ensuring the full matching of project deliveries with the market expectations. In particular, two public administrations and two general contractor companies will validate the toolset in a social housing setting and private residential buildings in Italy, Poland and Finland. Inhabitants will benefit by the increase of building performances, quality and comfort.

The project targets low energy performance multi-store residential buildings of the second half of the 1900s that account for about 20% of the existing European building stock. These case studies have significant energy retrofit potential and the applied retrofit strategies (including times and costs for BIM implementation) will be scalable and replicable.

Useful information

The project, running from January 2019 till June 2022, is coordinated by Politecnico di Milano, together with Fondazione Politecnico di Milano, and involves fourteen partners: Teknologian tutkimuskeskus VTT Oy, Solintei M&P, Research Institutes of Sweden (RISE), University College Cork - National University of Ireland, Suite5 Data Intelligence Solutions Limited, One Team Srl, Technische Universität Dresden, Caverion Suomi Oy, Visualynk Oy, Architects' Council of Europe (ACE), CGI Sverige AB, Regione Lombardia, Azienda Lombardia per l'Edilizia Residenziale di Varese - Como - Monza Brianza - Busto Arsizio (ALER) and Prochem.

- **Project reference:** Horizon 2020. Grant agreement n.820660
- **Timeline:** January 2019 – June 2022
- **Website:** Coming soon
- **Twitter:** @Bim4Eeb
- **Email:** info@BIM4EEB@polimi.it



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 820660.

The sole responsibility for the content of this website lies with the authors. It does not necessarily reflect the opinion of the European Community.

Contact
Architects' Council of Europe
D'Avon Paul Emilio Janson
B-1050 Brussels
www.ace-eu.org
info@ace-eu.org
T: +32 2 843 11 40
F: +32 2 843 11 41
© ARCHITECTS' COUNCIL OF EUROPE
All rights reserved.

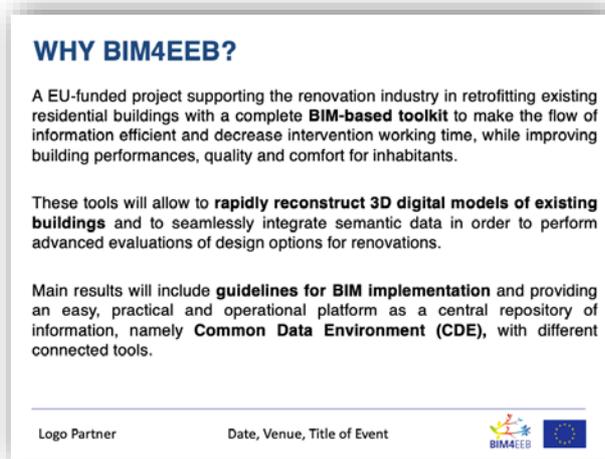
Web | Version | Terms | Privacy | Unsubscribe

Figure 3: Example of online press release by WP leader ACE

3 The Project Presentation

A PowerPoint presentation with a project overview has been created. It presents the consortium, as well as the demonstration buildings and provides a good overview of the project's aim and expected results, i.e. the common data environment, the BIM toolkit, the various BIM tools. The template created in D10.1 Cooperate Identity has been used as a basis.

The presentation will be used by partners to present the project at external events. It should be noted that the presentation is a living file and will change over the span of the project life with up-dates on achieved results. Only if the whole consortium works together on the up-dates it can reflect best the project's progress along the line.



The BIM4EEB objectives

1. **Maximise efficiency in building renovation:**
 - Renovation working time reduction of 20%
 - Renovation costs reduction of 15%
 - Building quality control with less than 10% performance gap
 - Faster energy audits -50% of time
 - Net primary energy use decrease of 10%
2. **Accelerate the market uptake across Europe towards a digital built environment:**
 - Uptake of BIM-based renovation by construction companies by 50%
 - Uptake of BIM-based dynamic energy assessment plus 30%
 - Connection of BIM and GIS environments
 - Implementation of as-built data collection in logbooks

Logo Partner Date, Venue, Title of Event  

The BIM4EEB objectives

3. **Speed-up data gathering and processing**
 - Fast mapping tools for acquiring data of existing buildings and creating BIM models (30% time reduction)
 - Innovative tools for connecting BIM models and BACS
 - Improved performance and environmental data monitoring/ analysis to support decision-making on renovation scenarios (30% time reduction)
 - Occupant behaviour data monitoring to enhance comfort, performance and building operation
 - Enhanced simulation (performance gap of max. 10%)
4. **Interoperability of different stakeholders and tools, harmonising data exchange formats**
 - Improve the utilisation of increasingly heterogeneous building data by making it more accessible and interconnected
 - Central, accessible, reusable platform for storing information
 - Harmonised standardisation for data exchange formats
 - Standardise data exchange between BACS and BIM

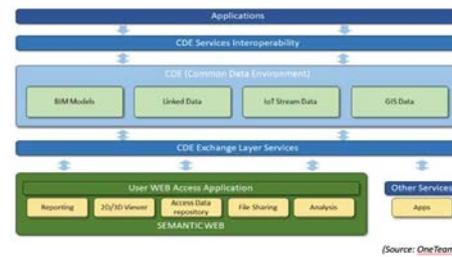
Logo Partner Date, Venue, Title of Event  

A multidisciplinary, user-centric approach

- Identification of needs of different stakeholders (i.e. designers, construction companies, service companies, owners and inhabitants)
- Co-designed innovations through workshops at demo sites
- Key social marketing framework based on:
 - AIDA model (attention interest, desire, action)
 - Defra's 4E model (enable, encourage, engage, exemplify)
- E-cooperation/ engagement through attractive and intuitive user interfaces and services/ web
- Enhanced Data Privacy and Protection

Logo Partner Date, Venue, Title of Event  

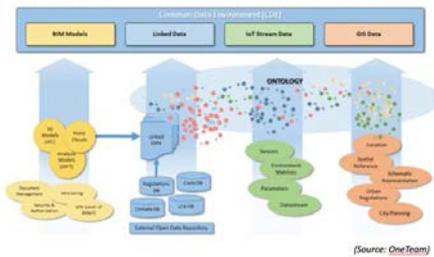
The Common Data environment



Establishment of a common data environment within the BIM management system relying on semantic interoperability

Logo Partner Date, Venue, Title of Event  

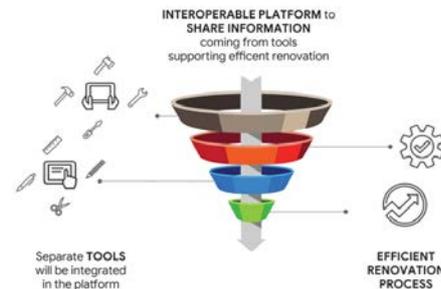
The Common Data environment



The BIM management system will be composed of a common data environment to share BIM and GIS models, linked data and IoT streaming data from sensors.

Logo Partner Date, Venue, Title of Event  

The BIM toolkit



Logo Partner Date, Venue, Title of Event  

The BIM Tools



Digital tools for fast mapping of existing buildings
Augmented reality tools

Logo Partner

Date, Venue, Title of Event



The BIM Tools



Visualization tools for survey

Logo Partner

Date, Venue, Title of Event



The BIM Tools



Tools for connecting BIM and BA
Tools for BEM analysis

Logo Partner

Date, Venue, Title of Event



The BIM Tools



Tools for construction planning and tracking
AR and VR implemented

Logo Partner

Date, Venue, Title of Event



3 demonstration projects in IT, FI, PL



The Italian pilot in Monza



The Polish pilot in Chorzow



The Finnish pilot in Tampere

Logo Partner

Date, Venue, Title of Event



YOUR advantages

1. Methods and tools for overcoming current barriers arising in different stages of renovation processes
2. Guidelines for BIM implementation
3. An easy, practical and operational platform as a central repository of information - Common Data Environment (CDE) - with different connected tools
4. Renovation working time reduction by 20%
5. Renovation costs reduction by 15%
6. Building quality control with less than 10% performance gap
7. Fast energy audit -50% of time
8. Net primary energy use decrease by 10%
9. An increase of residential building quality and inhabitants' comfort.

Logo Partner

Date, Venue, Title of Event



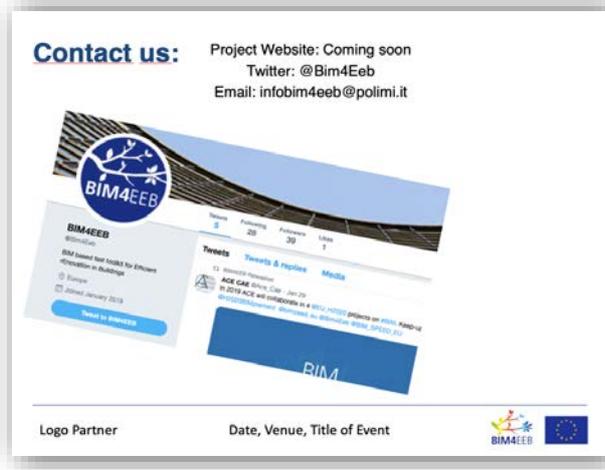


Figure 4: The complete project presentation

4 The Project Post/ e-cards

The post or e-cards have been designed as promotional material, using images and icons suitable and easily understandable for all audiences of BIM4EEB. The consortium partners can make use of them by sharing them with stakeholders, press and general public. They can be further developed by coordinator PoliMi for D10.5 to be included in the promotional material package.



Figure 5: The BIM4EEB post or e-card



Figure 6: Three alternative versions of the BIM4EEB post or e-card

5 Conclusion

This deliverable presents three means to communicate with the media: a press release, a PowerPoint presentation of the project and promotional post or e-cards.

Nevertheless, the PowerPoint presentation can also be used by consortium partners to present the project at any external events. It can be assumed that the presentation is a living file and will change over the span of the project life with up-dates on achieved results.

Similarly, the post cards have been designed also as general promotional material, using images and icons suitable and easily understandable for all audiences of BIM4EEB.

The nature of dissemination and communication of project results depends very much on up-dates of the progress made. Therefore it is vital that all consortium partners and especially the WP leaders up-date the presentation along the life span of BIM4EEB. Moreover, there should be regular press releases on achieved milestones. Thus this deliverable is only the beginning of a hopefully fruitful project dissemination.