



BIM based fast toolkit for Efficient rEnovation in Buildings

Fact Sheet

Project Information

BIM4EEB

Grant agreement ID: 820660

[Project website](#)



DOI

[10.3030/820660](https://doi.org/10.3030/820660)

Project closed

EC signature date

12 December 2018

Start date

1 January 2019

End date

30 June 2022

Funded under

INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies - Advanced manufacturing and processing

Total cost

€ 6 993 942,63

EU contribution

€ 6 993 940,00

Coordinated by

POLITECNICO DI MILANO



Italy

Project description

Smart BIM based toolkit for building renovations

While information management is crucial in the architecture, engineering and construction sectors, it faces complications in the renovation sector due to complex exchanges of information and data collection. Adapting some of the technologies and methods of team collaboration currently existing in the building sector may serve to effectively increase output in the renovation industry. The EU-funded BIM4EEB project will develop an advanced toolkit based on Building Information Modelling

(BIM) for renovation processes. The goal is to increase interoperability between software and participants involved in the whole chain of renovation processes. It will use smart, attractive solutions like digital logbooks and augmented reality for building retrofitting to match highest market expectations.

Fields of science (EuroSciVoc)

[natural sciences](#) > [computer and information sciences](#) > [software](#) > [software applications](#) > **[simulation software](#)**

[social sciences](#) > [political sciences](#) > **[public administration](#)**



Keywords

[BIM](#)

[toolkit](#)

[efficient renovation](#)

[energy saving](#)

[comfort](#)

[interoperability](#)

[management system](#)

[fast mapping](#)

[HVAC](#)

[BACS](#)

[Common data environment](#)

[inhabitants' behaviour](#)

[foster renovation industry](#)

Programme(s)

[H2020-EU.2.1.5. - INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies - Advanced manufacturing and processing.](#) MAIN PROGRAMME

[H2020-EU.2.1.5.2. - Technologies enabling energy-efficient systems and energy-efficient buildings with a low environmental impact](#)

Topic(s)

[LC-EEB-02-2018 - Building information modelling adapted to efficient renovation \(RIA\)](#)

Call for proposal

[H2020-NMBP-ST-IND-2018-2020](#) 

[See other projects for this call](#)

Sub call

H2020-NMBP-EEB-2018

Funding Scheme

[RIA - Research and Innovation action](#)

Coordinator



POLITECNICO DI MILANO

Net EU contribution

€ 1 007 250,00

Total cost

€ 1 112 500,00

Address

PIAZZA LEONARDO DA VINCI 32

20133 Milano

 Italy 

Region

Nord-Ovest > Lombardia > Milano

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Participants (15)



THIRD-PARTY



FONDAZIONE POLITECNICO DI MILANO

 Italy

Net EU contribution

€ 105 250,00

Address

PIAZZA LEONARDO DA VINCI 32
20133 Milano 

Region

Nord-Ovest > Lombardia > Milano

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost

€ 105 250,00



TEKNOLOGIAN TUTKIMUSKESKUS VTT OY

 Finland

Net EU contribution

€ 699 125,00

Address

TEKNIIKANTIE 21
02150 Espoo 

Region

Manner-Suomi > Helsinki-Uusimaa > Helsinki-Uusimaa

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost

€ 699 125,00



SOLINTEL M & P SL

 Spain

Net EU contribution

€ 568 750,00

Address

AVENIDA DE JEREZ 33

28514 Nuevo Baztan 

SME 

Yes

Region

Comunidad de Madrid > Comunidad de Madrid > Madrid

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 568 750,00



RISE RESEARCH INSTITUTES OF SWEDEN AB

 Sweden

Net EU contribution

€ 380 256,00

Address

BRINELLGATAN 4

501 15 Borås 

Region

Södra Sverige > Västsverige > Västra Götalands län

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 380 256,25



UNIVERSITY COLLEGE CORK - NATIONAL UNIVERSITY OF IRELAND, CORK

 Ireland

Net EU contribution

€ 553 612,00

Address

WESTERN ROAD

T12 YN60 Cork 

Region

Ireland > Southern > South-West

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 553 612,50



SUITE5 DATA INTELLIGENCE SOLUTIONS LIMITED

 Cyprus

Net EU contribution

€ 410 937,00

Address

ALEXANDREIAS 2, BRIDGE TOWER, FLAT/OFFICE 101

3013 Limassol 

SME 

Yes

Region

Κύπρος > Κύπρος > Κύπρος

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

Total cost

€ 410 937,50



ONE TEAM SRL

 Italy

Net EU contribution

€ 757 187,00

Address

VIA GIOACCHINO WINCKELMANN 1
20146 MILANO 

SME 

Yes

Region

Nord-Ovest > Lombardia > Milano

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 757 187,63



TECHNISCHE UNIVERSITAET DRESDEN

 Germany

Net EU contribution

€ 501 937,00

Address

HELMHOLTZSTRASSE 10
01069 Dresden 

Region

Sachsen > Dresden > Dresden, Kreisfreie Stadt

Activity type

Higher or Secondary Education Establishments

Links

- [Contact the organisation](#)
- [Website](#)
- [Participation in EU R&I programmes](#)
- [HORIZON collaboration network](#)

Total cost

€ 501 937,50



CAVERION SUOMI OY

Finland

Net EU contribution

€ 381 875,00

Address

TORPANTIE 2
01650 Vantaa



Region

Manner-Suomi > Helsinki-Uusimaa > Helsinki-Uusimaa

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

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Total cost

€ 381 875,00



VISUALYNK OY

Finland

Net EU contribution

€ 325 625,00

Address

HOLMANPAA 3 B
02240 Espoo



SME



Yes

Region

Manner-Suomi > Helsinki-Uusimaa > Helsinki-Uusimaa

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

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[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Total cost

€ 325 625,00



CONSEIL DES ARCHITECTES D'EUROPE

 Belgium

Net EU contribution

€ 194 581,00

Address

RUE PAUL EMILE JANSON 29

1050 Bruxelles / Brussel 

SME 

Yes

Region

Région de Bruxelles-Capitale/Brussels Hoofdstedelijk Gewest > Région de Bruxelles-Capitale/ Brussels Hoofdstedelijk Gewest > Arr. de Bruxelles-Capitale/Arr. Brussel-Hoofdstad

Activity type

Other

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Total cost

€ 194 581,25



CGI SVERIGE AB

 Sweden

Net EU contribution

€ 488 555,00

Address

164 98 Stockholm 

Region

Östra Sverige > Stockholm > Stockholms län

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 488 555,00



REGIONE LOMBARDIA

 Italy

Net EU contribution

€ 143 000,00

Address

PIAZZA CITTA DI LOMBARDIA 1
20124 Milano 

Region

Nord-Ovest > Lombardia > Milano

Activity type

Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 143 000,00



AZIENDA LOMBARDA PER L'EDILIZIA RESIDENZIALE DI VARESE - COMO - MONZABRIANZA - BUSTO ARSIZIO

 Italy

Net EU contribution

€ 183 750,00

Address

VIA MONTE ROSA 21
21100 Varese Va 

Region

Nord-Ovest > Lombardia > Varese

Activity type

Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 183 750,00



PROCHEM SA

 Poland

Net EU contribution

€ 292 250,00

Address

UL. LOPUSZANSKA 95
02-457 Warszawa 

Region

Makroregion województwo mazowieckie > Warszawski stołeczny > Miasto Warszawa

Activity type

Private for-profit entities (excluding Higher or Secondary Education Establishments)

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

Total cost

€ 292 250,00

Last update: 11 December 2023

Permalink: <https://cordis.europa.eu/project/id/820660>

European Union, 2025