

[If you have trouble reading this e-mail read the online version](#)

October 2019



BUILD UP

Newsletter



follow us : |



In this issue

- Overview articles
- News
- Practices
- Explore
- Learn
- Events
- Social media

Overview articles

Digitalisation in the construction industry

Digital transformation, as described by the European Commission, is characterised by a fusion of advanced technologies and the integration of physical and digital systems



and their effect on buildings and energy efficiency in buildings. As regards buildings, and with the aim of enabling the European construction industry to capture a share of the emerging market for future products and services, the European Commission has established a number of initiatives.

[More](#)

News

Topic of the Month: 'Energy efficiency in historic buildings'

Every month, BUILD UP highlights publications covering a specific topic. October's Topic of the Month is: 'Energy efficiency in historic buildings'. The website is already available for contributions and BUILD UP's editorial board is eager to receive your discussion papers, news and articles.



[More](#)

Introducing DigiPLACE, the digital platform framework for construction in Europe

The first official meeting of DigiPLACE took place in Brussels on 3rd and 4th of September. DigiPLACE is an EU-funded project with a budget of EUR 1 million that aims to create a roadmap for a digital platform for construction in Europe. The digital industrial platform is an operating

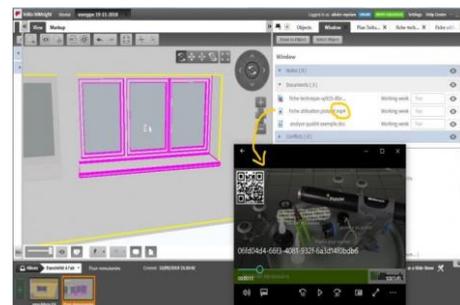


system that integrates different technologies, applications and services. In a modern economy, digitalisation is a major driver of productivity growth across industries and services. To remain competitive in an increasingly globalised market, the EU economy must transform itself into a digital one.

[More](#)

BIMplement project: greater energy efficiency using a 'BIM airtightness model'

One of the main aims of the BIMplement project is to improve building energy efficiency. To that end, BIM (building information modelling) is used as an on-site tool for blue-collar workers to better understand the type of work to be implemented. This project will be tested on two projects at the end of 2019: the rehabilitation of multi-storey residential buildings and building wooden-structure houses. Both projects have been launched in June 2019.



[More](#)

RenOnBill project: deep energy renovation through on-bill schemes

By promoting the development and implementation of on-bill schemes (OBS), RenOnBill aims to scale up investments towards deep energy renovations of residential buildings. Starting from an



analysis of existing OBS to lay the foundation for replication in Europe, RenOnBill is engaging stakeholders at the national level to foster cooperation among the different actors and jointly develop national roadmaps for the replication of OBS in four focus countries.

[More](#)

Practices

Interim Report July 2019 for the 2nd technical support study on the Smart Readiness Indicator for buildings

In the revised Energy Performance of Buildings Directive (EPBD), one of the focal points is to enhance the realisation of the potential of smart ready technologies in the building sector. Therefore, the revised EPBD requires the development of a voluntary European scheme for rating the smart readiness of buildings: the 'Smart Readiness Indicator' (SRI).



[More](#)

BIM: the collaborative work methodology revolutionising the construction sector

The evolution of new technologies is leading the construction sector in a new and revolutionary way of working, especially as regards the collaboration among the agents



involved in the different construction processes. Working with BIM (building information modelling) implies using a single model to generate and manage all the project information throughout its entire life cycle.

[More](#)

Bexel Consulting integrates BIM in large hotel and resort project

This project demonstrates the innovative use of BIM. The project was required to manage the entire BIM coordination, project construction and 6D BIM processes by standardising all data formats. Bexel set out to coordinate a BIM methodology among all stakeholders, from design through to delivery, and including the development of a multi-discipline 3D BIM model based on architectural, structural, mechanical, electrical and plumbing designs.



[More](#)

MFH Wolfurt House A (wood) in Austria

The project (to end in 2019) is part of a study that assesses the practical comparisons of different energy concepts for highly efficient, ecological and economically operated multi-family dwellings. One goal is to achieve the lowest possible energy and heating demand in the operation of the building. The outstandingly low levels of energy demand and consequential CO2 emissions have resulted



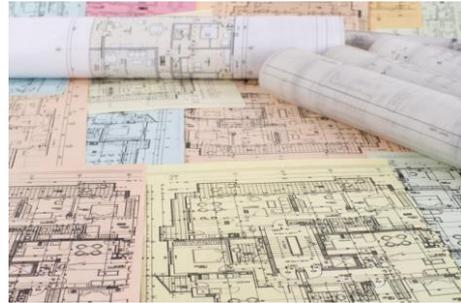
in it gaining 'golden status' in the Austrian klimaaktiv criteria.

[More](#)

Explore

The ENCORE project

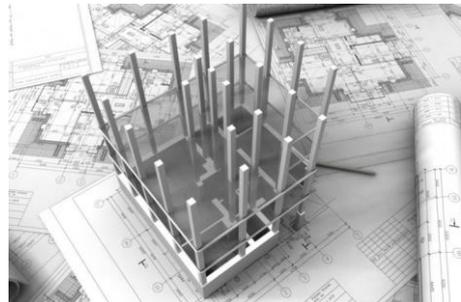
The main objective of ENCORE is to increase the share of renovated stock in Europe and worldwide by providing effective and affordable BIM tools that cover the whole renovation life cycle. It will tackle energy efficiency and comfort parameters, involving all the actors in the process, while facilitating information exchange among all the parties.



[More](#)

The BIM4EEB project

BIM4EEB aims to foster the renovation industry by developing an attractive and powerful BIM-based tool set able to support designers in the design and planning phase. It will also help construction companies to carry out the work efficiently and service companies to provide attractive solutions for building retrofitting. In addition, public and private owners will be able to use a tool that facilitates decision-making and asset management.



[More](#)

The BIMERR project

BIMERR will design and develop a Renovation 4.0 tool kit comprising tools to support renovation stakeholders throughout the renovation process for existing buildings, from project conception to delivery. This tool kit will be validated and demonstrated in four buildings in three EU Member States.

[More](#)



The OPEN DEI project

OPEN DEI aims to leverage synergies, identify gaps, share best practices, reinforce regional/national relationships and put in place the necessary joint measures to implement common dissemination, communication, training and exploitation action plans among the Innovation Actions implementing the EU's digital transformation strategy.

[More](#)



Learn

Webinar on the STUNNING project: conclusions and important results for promoting energy-efficient building renovation



5th International Congress on Energy Efficiency and Energy Related Materials

ENEFM2019 aims to provide a global forum for researchers and engineers to present and discuss recent innovations and new techniques in energy. In addition to scientific seminars, a wide range of social activities, including boat cruises and visits to historical places, will be available.

[More](#)

Helping to Shape a Digital Future - the 23rd buildingSMART Forum

High-ranking speakers and experts from business, science and politics would share experiences, positions and opinions. The audience will also be able to participate in the discussions live via a web-based tool.

[More](#)

REHVA Brussels Summit 2019

The summit will focus on REHVA's latest activities through several committee meetings, and will also organise EU project workshops on the EU-level professional qualification scheme on CEN-EPB standards. This year's conference topic, 'Delivering healthy, zero-carbon buildings by 2050', will present EU policies for a decarbonised economy with high-performing and healthy buildings.



[More](#)

BATIMAT International Trade Show + Green Solutions Awards 2019 ceremony

The Batimat, Interclima and Ideobain trade shows will come together under one roof in a unique opportunity to discover innovations in construction, technical, finishing work and bathrooms. Visitors can meet current and future suppliers, take part in demonstrations, and access information and training on new techniques, technological advances and regulatory changes in the industry.



[More](#)

Social media



Build Up on Twitter

#DistrictHeating systems have been identified as more efficient to deliver heat in urban environments. #RELaTED_Project goes a step further and aims to optimise its results. Find out more!

[More](#)



Build Up on LinkedIn

Have you heard about Renovate Europe Day? Deep Energy #Renovation: Already all around us! 8 October at the European Parliament, Brussels. Learn more about it.

[More](#)

About this e-mail

The BUILD UP newsletter is issued by the European Commission's Executive Agency for SMEs (EASME). The content of the newsletter does not necessarily reflect the opinions of the institutions of the European Union.

Visit the BUILD UP portal at: <http://buildup.eu/>

To subscribe and unsubscribe to the newsletter, please go to [your profile](#).

© European Union, 2018. Reproduction is authorised provided the source is acknowledged.

The European Commission is committed to personal data protection. Any personal data is processed in line with the Regulation (EU) 2018/1725. Please read the [privacy statement](#)