

Introducing SmartBuilt4EU and the SBIC

The European project [SmartBuilt4EU](#), funded under the H2020 programme, has been launched in October 2020. Its main objective is to consolidate and support the Smart Building Innovation Community, so as to release the full power of smart building technologies and to remove the last barriers slowing down the improvement of the energy performance of buildings, with the Smart Readiness Indicator as key instrument.

This newsletter focuses on the recent progress of the project and the most remarkable activities carried out and gives an overview of upcoming Smart Building related events.

PROJECT NEWS

Mapping and consolidation of the Smart Buildings Innovation Community

Smart Buildings EU-funded Innovations



SmartBuilt4EU has released a [brochure](#) which provides a portfolio of synthetic factsheets concerning 46 EU-funded projects, which have been identified and selected for their particular relevance with the Smart Building topic. These factsheets include an executive summary, a description of the consortium, general information about the duration and budget as well as a link to the projects' websites. In addition, each factsheet indicates which of the seven SRI impact criteria are addressed by the project. This brochure will be updated in 2022 and 2023, so as to include a wider set of newly identified projects.

Are you interested in being featured in the next edition of this brochure? Then contact [Johan Martinez at R2M Solution](#).

Smart Building Community

Whether you are interested in:

- promoting your project via SmartBuilt4EU's activities (workshops, webinars, brochures, success stories);
- receiving the semestrial SmartBuilt4EU newsletter and "save the dates" regarding our project's events;
- benefiting from / contribute to SmartBuilt4EU's activities on the Smart Readiness Indicator;

then the Smart Building Innovation Community is designed for you! Join by entering your contact details using the form below: <https://smartbuilt4eu.eu/join-our-community/>



White paper. A digital revolution for the built environment? Flexibility, comfort, and new business models for heat pumps.

The European project [Heat4Cool](#) has recently published the [white paper](#) "A digital revolution in the built environment? Flexibility, comfort and new business models for heat pumps". The paper presents Heat4Cool as a case study of the exploration of digitalization, flexibility and comfort in the built environment, with the objective of providing an overview of the effects of digitalization on the heating and cooling sector.

Knowledge sharing and supporting activities for the SBIC

Get ready to give your views on the first Green Papers of the four SmartBuilt4EU task forces!

The four [SmartBuilt4EU task forces](#) were launched last March 2021 during an online workshop. After four months of collaborative work, the first Green Papers resulting from this co-construction process will be released publicly in the coming days. They focus respectively on:

- *Acceptance & attractiveness of smart building solutions;*
- *Interoperability of smart building solutions;*
- *Smart buildings as flexibility providers to the electricity grid;*
- *Financing and business models to facilitate smart buildings deployment.*

The papers identify a series of Research and Innovation gaps towards the further deployment of smart buildings, gaps that will feed the future Strategic Research and Innovation Agenda to be elaborated by SmartBuilt4EU.

You are invited to provide feedback on these drafts through a consultation process that will occur along July and August. After consolidation of stakeholders' feedback, the final versions (White Papers) will be presented at the Sustainable Places 2021 conference. A notification will be sent to the community to announce the consultation process.

Promotion, experimentation and roll-out of the Smart Readiness Indicator (SRI) in the EU

This activity aims to define an approach for setting up the business case of Smart Buildings for different stakeholders, increasing the awareness on the co-benefits of Smart Buildings and introducing technology solution packages. The main steps are:

- Identification of smart building co-benefits based on the SRI impact categories.
- Definition of Key Performance Indicators (KPIs) related to the co-benefits: <https://smartbuilt4eu.eu/kpis-and-co-benefits-of-smart-buildings/>
- Consultation process among project partners, expert board members and experts involved in the project dealing with similar topics.
- Analysis of representative buildings combined with a set of possible smart solution packages based on selected KPIs. Expected results of this modelling activity are recommendations on how the SRI evaluation can be tailored according to the specificities of the local context.

EVENTS



Events attended & organized by SmartBuilt4EU

SmartBuilt4EU webinars "Smart buildings: Meet EU innovators" - 26/02/21 -17/06/21 - Online

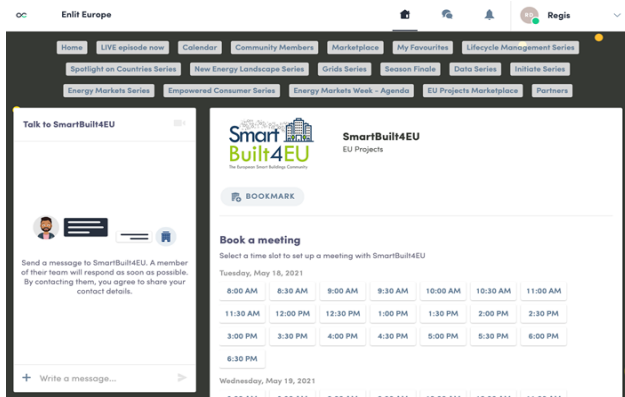
Two webinars were jointly organised by SmartBuilt4EU and the BUILD UP portal in February and June 2021 in order to introduce a series of EU-funded projects developing and testing solutions that will push further the smart readiness of buildings and their interactions with the environment. Their recordings are available on [BUILD UP](#) website.

Flexibility 2.1 - From Demand Response to Renewable Energy Communities - 15/03/2021 - Online



SmartBuilt4EU participated in the webinar "[Flexibility 2.1: From Demand Response to Renewable Energy Communities](#)", organized by R2M Solution, together with 14 European-funded projects focused on the energy transition at buildings and community levels. More than 140 people attended the webinar.

Enlit Europe 365 - Your inclusive guide to the energy transition - 30/11/2021 - 2/12/2021 - Online



Did you know that [Enlit](#) has its EU projects [marketplace](#)? SmartBuilt4EU will be virtually exhibiting here, to support promoting your smart buildings innovations, but you can also directly reference your own project on the EU project zone. The first registration package is free of charge, and there are some more comprehensive offers, including if you want to physically exhibit at the Live event in. Should you require any assistance with this, please get in touch with [Régis Decorme at R2M Solution](#).



Smart Building related events

BePOSITIVE - 29/06/2021 – 01/07/2021, Lyon (France)

The key themes of 2021 such as smart buildings, the digitization of energy, bio-based materials, the reuse and second life of materials, low-carbon buildings, 4.0 buildings or even employment and training will always be at the heart of [BePOSITIVE](#)'s content.

Sustainable Places - 29/09/2021 - 01/10/2021, hybrid event (Roma, Italy and online)



Renowned for showcasing results coming out of the EU Horizon 2020 Framework Programme via the participation of cutting-edge research and innovation projects, the scope of [Sustainable Places](#) is captured directly in its name. It involves designing, building and retrofitting the places where we live and work, in a more sustainable way.

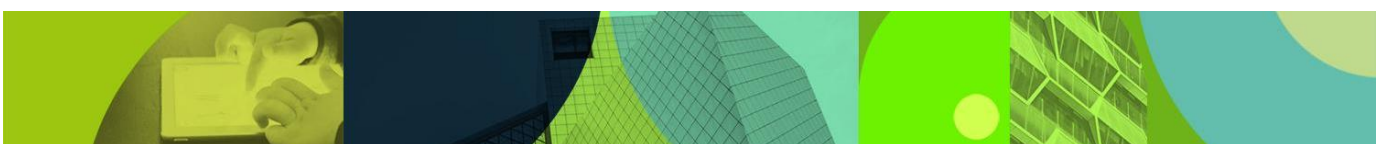
During Sustainable Places, SmartBuilt4EU will hold a workshop to present the first White Papers produced by the four task forces, launch the topics of the next White Papers, and allow some knowledge-sharing between EC-funded projects addressing smart building topics.

European BIM Summit - 22/10/2021, Barcelona (Spain)

After 6 editions encouraging the implementation of Building Information Modelling, the [European BIM Summit](#) takes a new leap. The summit that will take place on October 22 at the World Trade Center in Barcelona will be a benchmark in the AECO sector in terms of the application of digital technologies for construction, industrialization and sustainability.

SmartBuildingExpo - 22/11/2021 - 24/11/2021, Milan (Italy)

Integration and innovation. These are the keywords of the [SmartBuildingExpo](#), two fundamental concepts to grasp the present and the future of increasingly automated, connected, multitasking homes and new work environments and cities where the fourth industrial revolution, that of artificial intelligence combined with energy efficiency, is extending its pervasive effects.



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