

Throughout the April Newsletter, [SmartBuilt4EU](#) presents 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

### 2nd Brochure on EU-funded smart Building Innovation

Download the brochure highlighting 69 projects from H2020 programme, which are working towards the smart and sustainable building sector in Europe: [Download brochure](#)

The brochure provides a portfolio of **synthetic fact-sheets on EU-funded projects**, each identified and selected for their particular relevance to the topic of smart buildings in terms of innovation, energy transition and jobs. Profiles 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 fact-sheet indicates which of the seven SRI (Smart Readiness Indicator) impact criteria are concerned by the project.

This brochure will be updated in 2023, to spotlight newly identified projects enriching the Smart Building Innovation Community.

### Only a few days before Meet EU Innovators webinar – Episode 3

We are delighted to invite you to attend episode 3 of our Meet EU Innovators webinar organized with Build Up on the **28/04 from 12.00 to 13.30 Brussels time**. 8 EU funded projects are currently developing and testing solutions that will push further the smart readiness of buildings and their interactions with the environment. This webinar gives you the opportunity to meet the following projects: INSTRUCT; SPHERE; E-DYCE; Ageing@Work; QualdeEPC; BIM-SPEED; BEYOND; ARV and discuss their key innovations.

Registrations are still open!! Find out more information and register [here](#).

### Next SmartBuilt4EU workshop

On May 5 from 13.00 to 15.00 h (CET), the next SmartBuilt4EU workshop will take place to **launch the final topics to be investigated by the four Task Forces**. The Task Forces have been busy in the past months to collectively identify the main barriers, drivers and R&I challenges related to: Occupant-centric building for enhanced quality of life, Optimised building costs, Smart buildings as enabler of new energy practices and communities, and Data governance and cybersecurity. As in the past workshops, we will have interactive sessions to exchange lessons learnt and good practices from EU-funded projects and other initiatives.

Register [here](#) before the 3rd of May.

### The final version of Topic B four White Papers is online!

The **second round of white papers completed by the task forces** (TF) on the following topics on smart buildings that can be downloaded [here](#):

- Task Force 1: Occupant-centric building for enhanced quality of life
- Task Force 2: Optimised building costs
- Task Force 3: Smart building integration into multiple networks
- Task Force 4: Data governance

### Webinar “A new generation of instruments and tools to monitor buildings performance”

Last 29th of March 2022 from 11:00 to 12:30 CET, the webinar “A new generation of instruments and tools to monitor buildings performance” took place, where SmartBuilt4EU project together with 3 other European projects (U-CERT, ePANACEA and iBECOME) participated in this discussion hosted by Leonardo Energy (European Copper Institute).

The webinar and its roundtable focused on **a new generation of instruments and tools to monitor buildings' performance**, and their link with the Smart Readiness Indicator (SRI) for buildings as introduced in the EU's Energy Performance of Buildings Directive (EPBD). Speakers discussed the added value of the SRI and shed a light on how it could evolve.

Watch the recording [here](#) and download the slides.

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



SmartBuilt4EU organised the Information session on the work carried out around the SRI indicator evaluation of the intelligence potential of buildings, which took place on April 1st from 10:00 to 12:30 online.

This session organised by the SmartBuilt4EU project aimed to explain the main operating principles of this new indicator, and to present certain works and tools developed to facilitate its understanding and deployment.

Find more about the session [here](#).

Many thanks to our partners: R2M Solution, CEREMA, DHUP, ECTP, DOWEL Innovation, LIST (Luxembourg Institute of Science and Technology)



## Events attended & organised by SmartBuilt4EU

### MIPIM – 15/03/2022 – 18/03/2022, Cannes (France)



R2M led the organisation of a joint exhibition booth at [MIPIM 2022](#), the largest exhibition for the real estate sector. SmartBuilt4EU shared a 9 sqm stand in the PROPEL innovation area of MIPIM. The following projects applied and were selected to be co-hosted on the SmartBuilt4EU booth: LIGHTNESS; SPHERE; BEYOND; U-CERT.

Over 4 days, our stand welcomed over 100 delegates from a wide range of countries, including high-level professionals such as the President of REHVA and the President of the Smart Buildings Alliance for Smart Cities.

### Solution Bas Carbon/ Low Carbon Solution – 05-06/04/2022, Paris (France)

SmartBuilt4EU booked a booth, together with the EU projects ReMODULEES, WEDISTRICT and INSTRUCT at the [Low Carbon Solution](#). The fair is connected with BIM World, an event for professionals and communities for the uses of BIM and digital technology in the service of construction, real estate and urban development.

SmartBuilt EU took the opportunity to exhibit the EU portfolio of R&I activities and disruptive solutions for the built environment and to promote innovative smart buildings research initiatives from Luxembourg Institute of Science and Technology (LIST) (DigitalTWindow) and ECOxIA (Smart Building envelope).



R2M also brought BrainBox AI, the game-changing HVAC technology leveraging AI to make buildings smarter and greener.



### European Energy Efficiency Conference – 06-08/04/2022 Wels (Austria)

SmartBuilt4EU presented the poster in the presentation area and wrote a 1-page contribution to the conference proceedings. [European Energy Efficiency Conference](#) is one of the 7 conferences that composed the World Sustainable Energy Days. It presented the far-reaching transformation of policies, technologies and markets for achieving climate neutrality.

### CLIMA 2022 – 22-25/05/2022, Rotterdam (The Netherlands)

A paper has been submitted and accepted. SmartBuilt4EU will present "Co-benefits of building automation and control systems: an analysis of smart office buildings" at the [CLIMA 2022](#), the 14<sup>th</sup> REHVA HVAC World Congress, on **May 24, 4:15pm - 5:45pm**. From now to 2030 the world of HVAC will change radically. Fuelled by irreversible influences, the current demands on climate installations will change completely. To meet global climate goals and pursue the EU Green Deal, the regulatory environment on building performance, decarbonisation and the energy transition will change in 2022 within the 'EU Fit for 55 package', while the Renovation wave strategy aims at the deep energy renovation of up to 35 million buildings by 2030.



## Smart Building related events

### Smart Building Conference – 09/05/2022, Barcelona (Spain)

[Smart Building Conference](#) (SBC) is a full-day conference produced by Integrated Systems Events. For more than 10 years, SBC has served as Europe's most important high-level conference on smart buildings. The conference serves as a platform for all building automation and in-building technologies, while ISE exhibitors lead the way in at least 12 categories of smart building technology.

### Integrated Systems Europe – 10-13/05/2022, Barcelona (Spain)

Launched in 2004, [Integrated Systems Europe](#) is the best-attended professional AV and systems integration trade show in the world, bringing together manufacturers, distributors, integrators, specifiers and technology managers from over 140 countries worldwide. ISE 2022 will showcase the world's leading technology innovators and solutions providers, along five days of inspiring conferences, events and experiences.

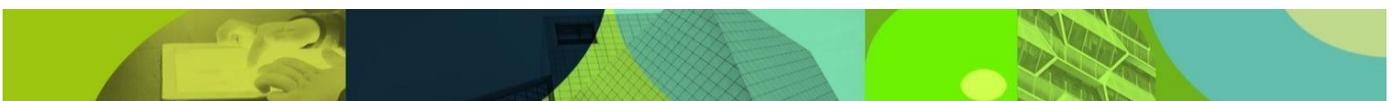
### CIB W78 – 27-29/06/2022, Melbourne (Australia)

[CIB W78](#) Information Technology for Construction 39th Conference (World Building Congress 2022) brings together a community of researchers and industry pros interested in the areas of Construction Informatics, BIM, Digital Twins, Education and Knowledge Management for design, construction and building operations and facilities management.

### Sustainable Places 2022 – 6-9/09/2022, Nice (France)



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 we live and work in a more sustainable way. Sustainable Places prides itself on being an ideal platform for the dissemination of research, the conduct of workshops, EU project clustering and networking between stakeholders of all types.



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