

The BUILD UP Newsletter

October 2023



BUILD UP

The European portal for energy efficiency and renewable energy in buildings

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New Topic of the Month: Indoor Environmental Quality (IEQ). Promote your knowledge!

BUILD UP highlights content and publications that cover a specific topic each month, choosing it as the Topic of the Month. In October, we will focus on Indoor Environmental Quality (IEQ), with fascinating subtopics, like the one deepened in the technical article highlighted below. We are ready and waiting to receive your articles, publications, etc. Please get in touch and become a contributor now!

[more](#)



How important is the air we breathe indoors? Logically, it is extremely important, and even more when children are involved. If we want to measure and evaluate the indoor air quality (IAQ) and thermal comfort of buildings, post-occupancy evaluation comes into play. How should it be implemented in schools to improve wellbeing?

[more](#)

Building performance assessment

In this newsletter you can find, amongst other items, the most relevant and recent content on September's Topic of the Month, Building Performance Assessment, and you can become up to date on this vital topic!

Articles

Technical Article – Exploring the role of occupants in buildings' energy performance gap

This article explores the energy performance gap phenomenon in the context of building construction and retrofit projects and focuses on the often overlooked and complex role of occupants.

[more](#)



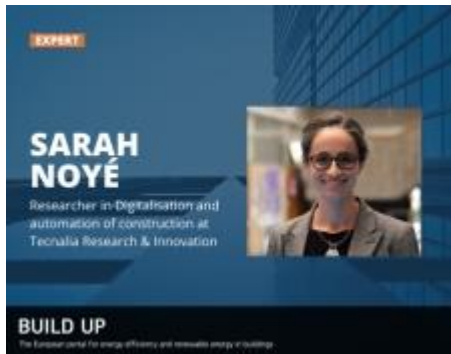
Technical article – Can you heat your house with district heating with a lower temperature supply?

This simulation-based approach assesses the readiness of dwellings to adopt lower-temperature heat from district heating systems as a means of a gas-free heating transition.

[more](#)



Expert Talk – Sarah Noyé



Researcher in Digitalisation and automation of construction at Tecnia Research & Innovation, Noyé talks about how Building Information Modeling (BIM) and Artificial Intelligence (AI) are used for energy performance assessment.

[more](#)

Building conversations up with... Leandro Madrazo Agudín



What are the advantages and disadvantages of implementing the Energy Performance Certification (EPC) in the European building stock? Professor Madrazo Agudín answers and delves into other aspects of EPC.

[more](#)

Building conversations up with... Olivia Guerra-Santin



Guerra-Santin, Assistant Professor of Smart Architectural Technologies, answers our questions related to the main benefits of building performance assessments, amongst other topics.

[more](#)

Building conversations up with... Pascal Torres



“Predictive maintenance is the best option to achieve a high level of building performance”. This is one of the headlines that Pascal Torres, CEO and co-founder of the French branch of R2M Solution, left in this interesting interview.

[more](#)

EU funding: New LIFE-CET projects: check them out and get involved



Six new projects addressing energy performance and the decarbonisation of buildings will kick off this autumn, following the LIFE Clean Energy Transition call in 2022. Will yours be next? Deadline: 16 November.

[more](#)

Help decide on the next generation of building certification



This important survey launched by the TIMEPAC project aims to find solutions for the next generation of building certification tools, methods, and training.

[more](#)

Is your BUILD UP account waiting to be activated?



The process of activating your account in the new portal needs to be done just once, and then you will be able to upload and promote your work and have access to a wealth of new content and topical developments.

[more](#)

Resources & Tools

Publication – European heat pump market soars: paving the way to energy-efficient buildings

Check the latest report "European Heat Pump Market and Statistics Report 2023" released by the European Heat Pump Association (EHPA), with updates and news related to energy-efficient buildings.

[more](#)



Case study – The renovation of convent Cnoc Na Gaoithe into a sustainable cultural centre

As part of BusGoCircular demo cases, this building's renovation resulted in improved comfort and also reduced carbon emissions.

[more](#)



Tool - Toolkit for energy efficiency improvement of revitalisation and urban areas

Developed by the EUKI project EDINA, this toolkit aims at improving energy efficiency in revitalisation areas and is targeted to city and municipal offices supporting the renovation of buildings.

[more](#)



Webinar - Transposing and implementing the EPBD Recast: Next Generation Energy Performance Certificates (EPCs)

If you are interested in how the recast of the EPBD is going to affect the Energy Performance Certificates do not miss this recent webinar, hosted by BUILD UP. Check out the video for more!

[more](#)



Webinar - Unlocking operation rating schemes: the synergetic added value of SmartLivingEPC and CHRONICLE

Hosted by BUILD UP and organised by SmartLivingEPC and CHRONICLE, this recent webinar explored the intricacies of operational rating schemes and the methodologies of both of these brilliant projects.

[more](#)



Events

Covenant of Mayors Investment Forum

Join the 2023 edition of the Covenant of Mayors Investment Forum - Energy Efficiency Finance Market Place, an event that will bring together cities, industry and financial institutions to exchange good practices and successful solutions to common challenges, and will also offer plenty of opportunities for networking. Save the date!



date

25/10/2023



venue

Brussels



Organiser

European Commission's Directorates-Generals for Energy and Climate Action and the European Climate, Infrastructure and Environment Executive Agency (CINEA)



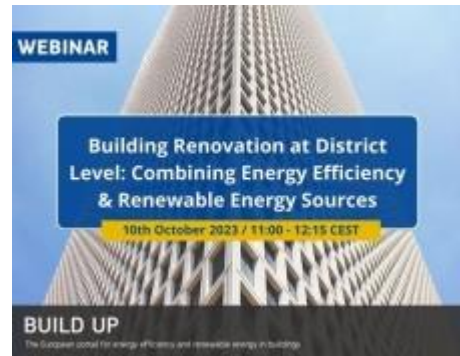
Registration

[Register now](#)

[more](#)

Building Renovation at District Level

International experts will present the main findings and recommendations from the IEA EBC Annex 75 project in this webinar, showing the potential for district approaches for cost-effectively decarbonising the building sector.



date

10/10/2023



Organiser

IEA EBC Annex 75 project



Registration

[Register now](#)

[more](#)

Tomorrow.Building World Congress

Held within the framework of Smart City Expo World Congress, the Tomorrow.Building World Congress aims to catalyse a positive change in the way we plan, construct, renovate, and operate buildings and urban infrastructures. Check all the details here!



date

07/11/2023 - 09/11/2023



venue

Barcelona



Organiser

Fira de Barcelona

[more](#)

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