

The BUILD UP Newsletter

November 2023



BUILD UP

The European portal for energy efficiency
and renewable energy in buildings

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New Topic of the Month: Buildings as energy
generators and Plus Energy Buildings. Promote your
knowledge!

Every month, Build Up picks a hot topic concerning energy efficiency and renewable energy in buildings, naming it the 'Topic of the Month' and featuring various types of content associated with it. In November, our focus will be on 'Buildings as Energy Generators and Plus Energy Buildings.' If you have relevant content (including articles, news, case studies, publications, webinars, or similar) share it with us and join our community of contributors!

[more](#)

Indoor Environmental Quality (IEQ)

In this newsletter you can find, amongst other items, the most relevant and recent content on October's Topic of the Month, Indoor Environmental Quality (IEQ), and you can become up to date on this vital topic!

Articles

Overview Article – Ventilation performance analysis for buildings: an overview of methods and applications

Ventilation plays a pivotal role in delivering comfortable and healthy indoor conditions to buildings' occupants since both thermal comfort and Indoor Air Quality (IAQ) are affected by ventilation. The article presents an overview of the metrics and the methods used to predict ventilation performance in buildings and of relevant EU policies and initiatives addressing the topic.



[more](#)

Technical article – An overview of post-occupancy evaluation in educational buildings

If we want to measure and evaluate indoor air quality, and thermal comfort, and assess the energy efficiency of buildings then Post-Occupancy Evaluation (POE) comes into play. How should this be implemented in schools to improve wellbeing and the building's energy performance?



[more](#)

Technical article – Digitalisation in the built environment: implementation

Digitalising within the construction sector improves efficiency and productivity as well as the quality of your work. The ARISE project delves into the benefits of a digitally informed and empowered workforce in this new technical article of their series.

[more](#)



News

Building conversations up with... Gulben Calis



'IAQ standards can vary from country to country due to differences in environmental conditions, building practices, and health concerns': we talk with Gulben Calis, Associate Professor at Ege University, Türkiye.

[more](#)

Expert Talk – Niall Buckley



Senior Project Manager of Research and Development at IES Ltd, Niall Buckley answers our questions about Indoor Environmental Quality (IEQ) for more efficient homes, amongst other topics.

[more](#)

Take an active role in EUSEW 2024



The European Sustainable Energy Week (EUSEW) is coming back from 11-13 June 2024 in Brussels and online. The call for policy session organizers is open to clean energy experts. Attend the info session on November 15 at 11.00 for key details.

[more](#)

What is at stake in the energy efficiency in buildings and related sectors?



With the backdrop of the forthcoming EPBD recast expected for December, BUILD UP hosted a panel discussion where key stakeholders gathered to tackle sector challenges and solutions.

[more](#)

Health effects of a polluted indoor environment



Indoor pollution can have many impacts on the health and wellbeing of people. Combined with outdoor pollution, this problem results in 6.7 million premature deaths annually, according to the WHO.

[more](#)

Plural Project: Pre-monitoring of energy consumption and IAQ



This project has published an article about the pre-monitoring results of energy consumption and indoor air quality of the demonstration building in Kašava (Czechia).

[more](#)

Publication – Tailoring building environments: climate-based thermal comfort

A recent study by the Ca' Foscari University of Venice analyses the Smart Controls and Thermal Comfort (SCATS) database, created from monitoring and surveys across five European countries.

[more](#)



Case study – Passive detached single-family house in Zubieta (País Vasco, Spain)

This new residential building is Passivhaus certified and represents a good example of energy efficiency and renewable integrations.

[more](#)



Tool - Smart Readiness Indicator FAQ guide portal

Within the Smart Square project and in collaboration with REHVA, a new platform has been launched, working as a guide for answering a variety of questions about the Smart Readiness Indicator (SRI).

[more](#)



Webinar – Building Renovation at District Level: Combining Energy Efficiency and Renewable Energy Sources

Hosted by BUILD UP, this webinar presented the main findings and recommendations from the IEA EBC Annex 75 project, showing the potential of district approaches for cost-effectively decarbonising the building sector. Check the video!

[more](#)



Events

Fostering experiences from EU innovation projects to accelerate a sustainable built environment

EU representatives, participants from EU H2020 and LIFE projects, and Brussels based stakeholders from sectors such as policy, construction, architecture or energy, will all reflect on the profound impact of innovative construction and renovation solutions drawing insights from experiences on the ground. The event will explore emerging trends like prefabrication, circularity, off-site construction, modularisation, digitalisation, and industrialisation.



date

15/11/2023



venue

Brussels



Organiser

The H2020 Drive 0 project

[more](#)

Spanish perspectives on the Renewable Heating and Cooling market

Part of the European Technology and Innovation Platform on Renewable Heating and Cooling (RHC-ETIP), this round table represents a series of national panel discussions and presentations involving market actors and other relevant stakeholders.



date

23/11/2023



venue

Online



Organiser

European Technology and Innovation Platform on Renewable Heating and Cooling (RHC-ETIP)

[more](#)

BUS-GoCircular webinar series: How to contribute to the transition to circularity in the construction sector

In order to highlight the importance of a green energy workforce within the construction sector, the BUS-GoCircular project has organised a series of 4 webinars to reskill and upskill the building sector workforce. Hosted by BUILD UP, 'Unlocking the potential of SMEs: A holistic framework to train SME-workforce in Circular Construction' and 'Are architects ready for circular transition? Continuous Professional Development tools for Europe' will be held on the 14th and the 28th of this month.



date

14/11/2023



venue

Online



Organiser

BUS GoCircular project

[more](#)

The BUILD UP newsletter is issued by the [European Climate, Infrastructure and Environment Executive Agency \(CINEA\)](#). The content of the newsletter does not necessarily reflect the opinions of the European Union Institutions.

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