

# The BUILD UP Newsletter

September  
2023



## BUILD UP

The European portal for energy efficiency  
and renewable energy in buildings

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## Promote your knowledge!

BUILD UP highlights content and publications that cover a specific topic each month, choosing it as the Topic of the Month. During September, we will be focusing on 'Building Performance Assessment'. We are ready and waiting to receive your articles, publications, etc. Please get in touch and become a contributor now!

[more](#)

## Sustainable cooling solutions

In this newsletter you can find, amongst others, the most relevant and recent content on last Topic of the Month 'Sustainable cooling solutions' and be up to date on the topic!

## Articles

### **Overview Article - Space cooling technologies for buildings: Alternative solutions to conventional applications**

With longer and more frequent heatwaves, the demand for space cooling is dramatically increasing globally. How can we make cooling systems more sustainable?

[more](#)



### **Technical article – Next generation of cooling systems: two case studies**

This article provides two practical examples of sustainable space cooling technology, one implementing an active system and the second applying a passive solution using a simulation tool.

[more](#)



## Article series – ‘Digitalisation in the built environment’: BIM basics and digital transformation

Continuing its series of articles about the different stages of digitalisation of the built environment, the ARISE project delves into the qualification framework needed for training and upskilling, and the challenges of digital training.

[more](#)



## News

### New funding opportunities: Increasing the number of skilled building and heat pump professionals under LIFE CET 2023 call for proposals is open!



The BUILDSKILLS topic aims to increase the number of skilled building professionals at all building levels, whilst the HEATPUMPS topic (Scope B) seeks to tackle the gaps in heat pump professionals in specific European markets. Participate!

[more](#)

### Expert Talk – Coen Van de Sande



President of the association of refrigeration, air Conditioning and heat pump contractors (AREA), Van de Sande talks about the most promising solutions for providing sustainable cooling in the context of the energy efficiency first principle.

[more](#)

## Building conversations up with... Simon Pezzutto



“There are many sustainable space cooling solutions, but they represent less than 1% of the solutions available on the market”. We talk with Simon Pezzutto, coordinator of the CoolLIFE project and Senior Researcher at EURAC Research.

[more](#)

## Building conversations up with... Matthias Watzak-Helmer



BUILD UP talks with Matthias Watzak-Helmer, project manager at FEDARENE. His activities focus on supporting the implementation of regional solutions with respect to renewable energy communities, energy data management and climate adaptation.

[more](#)

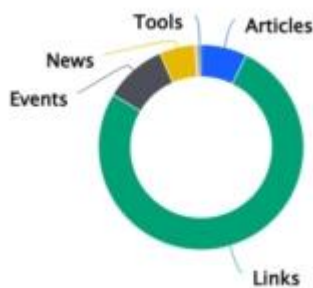
## Building conversations up with... Pär Johansson



Associate Professor at the Division of Building Technology, research team Building Physics Modelling, Johansson works with high-performance thermal insulation materials and status assessment of buildings using artificial intelligence (AI).

[more](#)

## Activate your Build Up account in the new portal



If you had an account on the previous Build Up portal, you need to activate it again in the new one. The process is simple and just needs to be done once. Just one step for being able to promote your work, content and developments!

[more](#)

## Help us improve BUILD UP!



As a valued user of the BUILD UP portal, we kindly ask you to collaborate in answering our web usage survey, which deadline is September 8th. It just takes 10 minutes and it will be very helpful for us.

[more](#)

## Resources & Tools

**Infographic - How we cool indoor spaces and sustainable alternatives we have**

The infographic shows different existing types of technologies in the market, sustainable cooling opportunities in the cooling sector, and some EU-funded projects working on sustainable cooling technologies.

[more](#)



## Publication - Against rising temperatures and heatwaves: sustainable cooling

'Cooling buildings sustainably in Europe: exploring the links between climate change mitigation and adaptation, and their social impacts', is the title of the briefing by the European Environmental Agency (EEA).

[more](#)



## Webinar - The right steps to sustainable cooling

This webinar was recently hosted by Build Up and provides valuable insights into sustainable cooling solutions within the context of the Future of Cooling Programme at the University of Oxford. It is available here.

[more](#)

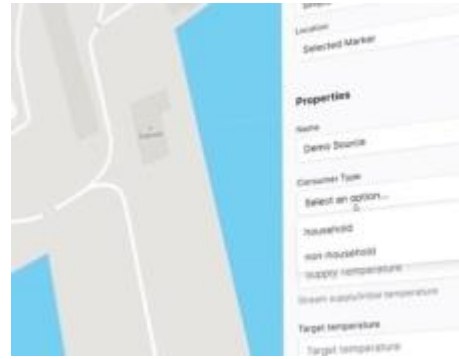


## Tool - EMB3Rs platform to evaluate the reuse and trade of waste heat and cold



The EMB3Rs project has developed a platform that allows users to evaluate the reuse and trade of waste heat and cold, empowering industrial users and stakeholders to find out the economic potential of their investments.

[more](#)



## Case study - The 'Piazza dei Navigatori' building project in Rome

The new building will host residential space, but also retail and office spaces, parking, and planted areas. Its design process has prioritised the environmental aspects, reducing the environmental impact.

[more](#)



## Events

### Webinar - Unlocking Operational Rating Schemes

The joint webinar co-organized by SmartLivingEPC & CHRONICLE and hosted by BUILD UP, aims to shed light on the intricacies of operational rating schemes by bringing together technical experts, policymakers, and stakeholders in the field of building performance.



date

14/09/2023 - 14/09/2023



Organiser

SmartLivingEPC and CHRONICLE projects



Registration

[Registration link](#)

[more](#)

## Tomorrow.Building World Congress

Within the framework of Smart City Expo World Congress, the Tomorrow.Building World Congress will take place in Barcelona (Spain). Check all the details here!



date

05/09/2023



venue

Barcelona



Organiser

Fira de Barcelona



Registration

[Registration link](#)

[more](#)

## REVHA Brussels Summit 2023

REVHA Brussels summit will take place in Brussels, and will discuss along two days about 'IEQ skill in the decarbonisation of buildings'. The first one, in the Standing Committee Meeting and the second, featuring the yearly Policy Conference, which aims to bring together industry experts, policymakers, and professionals to discuss and explore the latest trends, challenges, and opportunities in the realm of sustainable buildings.



date

13/11/2023 - 14/11/2023



venue

Brussels





Organiser

REHVA - Federation of European Heating, Ventilation and Air Conditioning associations



Registration

[Registration link](#)

[more](#)

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