



Overview Articles

Right and tight: what's new in ductwork and building airtightness?

In the last decade, building airtightness testing has gradually become mandatory in Denmark, France, Ireland, Portugal and the United Kingdom. Other European countries are considering mandatory airtightness testing because of the increasing appreciation of the impact of air leakage on the energy performance of low-energy buildings. This overview article summarises airtightness requirements in European countries. [Read more](#)



Achieving near zero and positive energy settlements in Europe using advanced energy technology

This overview article presents the scope and up-to-date results of the [ZERO-PLUS](#) Horizon 2020 innovation project "Achieving near Zero and Positive Energy Settlements in Europe using Advanced Energy Technology". It aims to demonstrate new highly energy performing residential buildings via a comprehensive, cost-effective modular system for near Zero and Positive Energy settlements, which will be developed and implemented in a series of case studies across the EU. [Read more](#)



News

Watch & spread our videos !

Numerous sets of videos were recently released

- BUILD UP has released a short presentation video. [Watch it here](#)
- BUILD UP Skills has released 3 videos presenting the initiative, its results so far and the aim for 2020 & beyond. [Watch them here.](#)

Please do not hesitate to share them among your colleagues and network!



Launched in 2009 and funded by the European Commission,
What is BUILD UP?



European Commission launches first EU-wide tool for sustainable building performance reporting

On 28 September 2017, the European Commission launched the pilot phase of [Level\(s\)](#), a new voluntary EU framework for sustainable buildings which will help transform the building sector. It is the first tool of this kind that has been developed for use across the whole of Europe. [Read more](#)



News from our partners

eceee: Understanding energy efficiency in the European Commission's Clean Energy Package

This eceee guide lets the reader understand the approval process related to energy efficiency, explaining its main elements and the issues under review on the two directives which are key to meeting the EU savings target. [Read more](#)



Large scale heat pumps in Europe

This brochure, released by the European Heat Pump Association ([EHPA](#)), includes application examples of 15 projects that show how heat pumps can be efficient and effective in large projects. [Read more](#)



Practices

Evaluation of Intelligent Energy Europe (IEE) II support for buildings

From 2007 onwards, the IEE II programme supported 63 projects (including two Concerted Actions) advancing sustainable energy use in buildings. This evaluation examines their performance and impact, drawing lessons for future programmes and projects. [Read more](#)



Green Building Investments

Combining a decade of green finance experience with technical assistance and policy dialogue, the European Bank for Reconstruction and Development's Green Economy Transition (GET) approach aims to turn green building challenges into solid investment opportunities with clear economic, environmental and social benefits. [Read more](#)



Case of the month

Casa Cesti: energy retrofit of farming complex

Casa Cesti is a complete renovation of an existing traditional farming complex built in 1942. The buildings



are divided into residential use, office space and livestock facilities and are typical of the rural area of the Oleggio municipality (Province of Novara), in the Italian region of Piedmont. [Read more](#)



Learn

BUILD UP Webinar Recordings

Innovative technologies and tools for energy-efficient shopping centres

The CommONEnergy webinar went through the 24 technologies installed and tested by the project in four demo cases across Europe. It presented the related benefits such as improving comfort, reducing costs and energy consumption. [Watch it here](#)



Smart Finance for Smart Building initiative

The Smart Finance for Smart Buildings (SFSB) initiative is analysed based on existing literature and lessons learnt from the design and implementation of energy renovation programmes by Member States. The webinar presented the findings of a discussion paper, [available online](#). [Watch it here](#)



Events

23-25 October 2017,
Brussels

Horizon 2020 Energy
Info Days

The Horizon 2020 Energy Info Days will present the new funding opportunities offered by the Work Programme 2018-2020. This year, the content has been structured in three days. [Read more](#)

10-12 November 2017
Worldwide

International Passive
House Days

Passive House building owners can share their experiences and show what Passive House is all about by participating with their own home, office, or even construction site. [Read more](#)

13- 14 November 2017
Brussels

REHVA Brussels
Summit

The REHVA Brussels Summit will launch a new sequence of REHVA meetings offering an intense 2-days event with a new concept and a revamped visual design. [Read more](#)

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We are in Budapest to discuss smart solutions for better cities w [@SmartCitiesSCIS](#). bit.ly/2tIJqt0

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TECHNICAL
CONDITION
OF SINGLE-FAMILY

Research proves that [energy efficiency](#) measures are among the least cost intensive and the most effective solutions for reducing carbon dioxide emissions. <https://bit.ly/2hw0jji>



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