
November 2018



BUILD UP

Newsletter



follow us :



In this issue

- Overview articles
- News
- Practices
- Explore
- Learn
- Events
- Social media

Overview articles

Financing schemes: the key for successful energy efficiency projects

To accelerate the success of energy efficiency projects, cooperation between public and private sectors needs to increase. Access to innovative financial schemes also needs to improve. These include public-private partnerships, energy performance contracting, crowdfunding and green loans.

[More](#)



Environmental footprint and circularity in the construction sector

The EU-funded project Buildings as Material Banks (BAMB), gathers 16 partners from 7 countries to foster a paradigm shift in which materials, components and buildings are evaluated and developed, taking into consideration the EU's goal of achieving a circular economy.

[More](#)



Recycled construction waste: building a more sustainable future

The European construction industry is working towards producing high-quality materials from recycled waste, enhancing the sector's sustainability and reducing its environmental impact. In the southern



Belgian province of Namur, concrete and bricks from demolished buildings are being turned into eco-friendly road surfaces.

[More](#)

IPCC climate change report: a global and urgent call to action

One of the key messages of a new IPCC report includes the warning that we are already seeing the consequences of 1°C of global warming through more extreme weather, rising sea levels and diminishing Arctic sea ice, among other changes.



[More](#)

News

Topic Of The Month 'Financing for energy-efficient buildings'

Our portal is open for contributions and BUILD UP's Editorial Board is ready to receive your discussion papers, news and articles.

[More](#)



addressing the stagnant renovation rate in Europe.

[More](#)

Practices

A database for benchmarking actual life-cycle costs

The revised EPBD established that all new buildings have by the end of 2020 to reach the nZEB target set by the Member States. A report by the EU-funded CRAVEzero project outlines an approach and methodology for evaluating life-cycle costs, with a particular focus on nearly zero-energy buildings.

[More](#)

Balancing preservation and energy efficiency in building retrofits

The desire to improve the energy efficiency of an existing building must be balanced with the need to preserve its structure and architectural features. Changes to the thermal and moisture properties of the building enclosure can have serious negative impacts, says a new report by the Building Research Information Knowledgebase (BRIC).

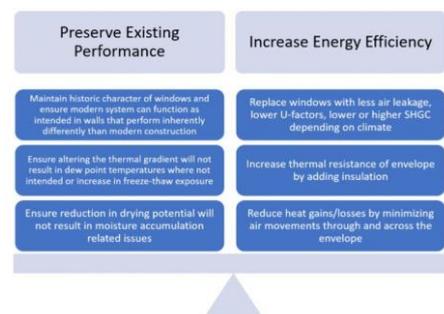
[More](#)

CRAVEzero

D2.2: Spreadsheet with LCCs



COST REDUCTION AND MARKET ACCELERATION FOR VIABLE NEARLY ZERO-ENERGY BUILDINGS



Jessica II Fund for multi-apartment building modernisation in Lithuania

Lithuania has significantly improved the energy efficiency of housing over the previous decade to 2010, in part as a result of the JESSICA I funding programme. Case studies by the EU Energy Poverty Observatory highlight best practices that serve as models for the second edition of this programme.



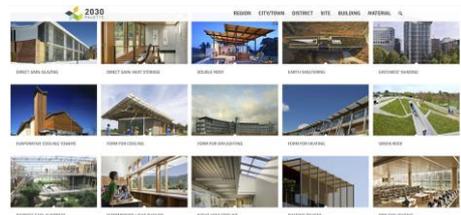
Photos from: Housing Energy Efficiency Agency (www.beta.lt)

[More](#)

Explore

2030 Palette: a free online database for sustainable buildings and cities

The 2030 Palette is a free online platform that puts the principles and actions behind Zero Net Carbon and resilient built environments at the fingertips of designers, planners, and builders worldwide. It was developed by Architecture 2030, a non-profit organisation.



[More](#)

Cementing the future: Euronews reports on ECO-Binder project

An Euronews video report about the EU-funded ECO-Binder project shows the process of manufacturing and installing prefabricated concrete products using traditional cement.



[More](#)

SEI Metrics – addressing challenges for investment in energy efficiency

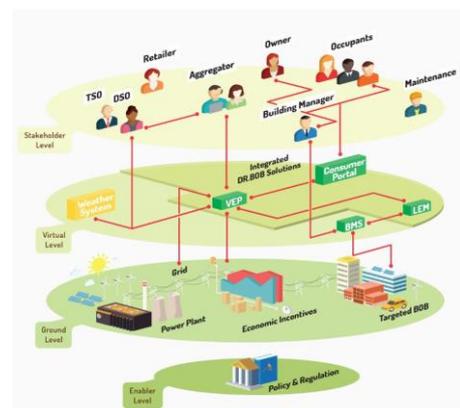
An EU-funded project seeks to measure the alignment of investment portfolios with climate related energy transition goals and address the general challenge of shifting capital towards sustainable energy and energy efficiency investments.



[More](#)

Energy management solutions for blocks of buildings

The EU-funded DR-BOB project aims to demonstrate the economic and environmental benefits of demand response in blocks of buildings for the different key actors required to bring it to market.



[More](#)

Learn

Evaluation tool aims to support investment in greener public buildings

The EU-funded SISMA project has developed a tool to calculate the internal rate of return of investing in renovating hospitals, schools and other large public buildings. The aim is to provide confidence for private investors on a project's performance and trigger long-term energy efficiency investments. The tool is available for download.

[More](#)

Financing Energy Efficiency, The Investors' Perspective

On Friday 28 September, the European Commission, in partnership with the UN Environment Finance Initiative, organised a webinar to illustrate the Investor's Perspective in Financing Energy Efficiency 2018.

[More](#)

Energy Trilemma Index – a sustainable energy ranking

The World Energy Council's Energy Trilemma Index tool, produced in partnership with Oliver Wyman, ranks



countries on their ability to provide sustainable energy through energy security, energy equity and environmental sustainability.

[More](#)

Events

SBE19 NL - International Sustainable Built Environment Conferences

SBE19 NL is the first conference of the 2019-2020 cycle of international conferences on Sustainable Built Environment, where innovation meets market.

[More](#)

Training courses on energy efficiency and RES in buildings carried out for more than 900 construction workers and specialists

Conference at the University of Architecture in Sofia where the results of the Horizon 2020 project Train-to-NZEB will be presented.

[More](#)



Retrofitting 250 million homes to 0-energy performance housing in Europe
— What does it mean to be fit for the future?

- How to get 250 million homes adopt retrofits?
- Concepts / packages for large scale retrofitting
- Prefab retrofit panel production units and upscaling
- Materials, circular / biobased and CO₂ impacts of retrofitting
- Europe wide application versus local limits
- Learning and best practices from the 1st generation H2020 projects, in particular on deep renovation and how to implement a diverse range of innovations

SBE19 NL conference 5-6 & 7 November 2018 Eindhoven, The Netherlands
www.retrofit-europe-2018.nl

RETROFIT EUROPE!
INTERNATIONAL H2020 TARGETED SYNERGY CONFERENCE
5-6 & 7 NOVEMBER 2018 EINDHOVEN (NL)

SBE19 NL ORGANISING PARTNERS
MORE CONNECT **TU/e**

International co-promoters of SBE19 series



Adaptive Re-Use and Transition of the Built Heritage

The Architects' Council of Europe (ACE) is organising on Friday 23 November in Leeuwarden a public conference on Adaptive Re-Use and Transition of the Built Heritage.



More

Conference Sustainable Building: Level(s) – Bringing Buildings into the Circular Economy

This conference will explore the growing support across Europe for Level(s), the European Commission's new sustainable building reporting framework.



More

Social media



Build Up on Twitter

Save the date! 8 November, 12:00. @EuroACE brings us our first joint webinar on Long-term #Renovation. Learn about changes and opportunities on the translation of



Build Up on LinkedIn

'Financing schemes: the key for successful #EnergyEfficiency projects'. This will be our topic of the

EU #EnergyEfficiency legislation on buildings to national law.

[More](#)

month for November. We have prepared a summary of the evolution of this topic in the last years. Take a look and feel inspired to send your article, event or news item on the topic to be featured in November.

[More](#)

About this e-mail

The BUILD UP newsletter is issued by the European Commission's Executive Agency for SMEs (EASME). The content of the newsletter does not necessarily reflect the opinions of the institutions of the European Union.

Visit the BUILD UP portal at: <http://buildup.eu/>

To subscribe and unsubscribe to the newsletter, please go to [your profile](#).

© European Union, 2018. Reproduction is authorised provided the source is acknowledged.