Newsletter #5

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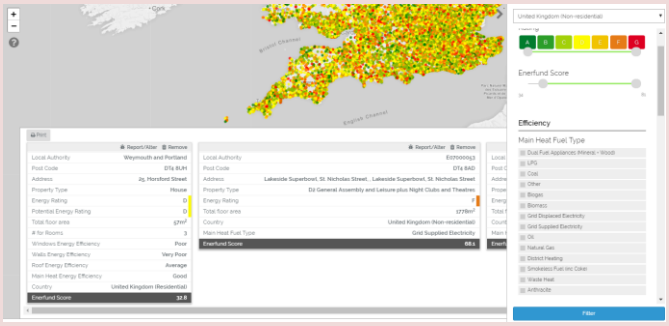
Assess deep renovation opportunities online with the ENERFUND score

The tool ENERFUND aims to scale up investments in deep renovation of buildings across Europe. It provides key stakeholders such as financing institutions, energy service companies and local authorities, with sound and up-to-date information regarding energy efficiency of the European's building stock. The tool now offers the opportunity to compare deep-renovation opportunities of singular buildings through the ENERFUND score.

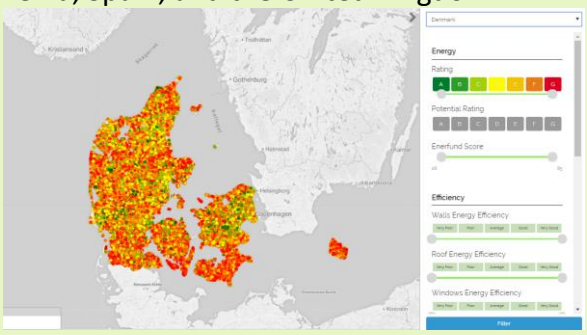


The ratings provided go from 0 (no potential for deep renovation) to 100 (highest potential) and are the result of an equation that uses several parameters selected as key drivers for building energy retrofitting, including total floor area, Energy Saving Potential of the building, construction year, average regional building price, occupancy level, own financial contribution to renovation costs, noise levels and ownership status.

The formulae used was developed so that it could be common and applicable to all countries where

New data and features in the ENERFUND tool

ENERFUND is constantly upgraded with extended data and functionalities. It provides buildings' information for 13 European countries so far: Bulgaria, Cyprus, Denmark, France, Greece, Ireland, Italy, Netherlands, Romania, Slovakia, Slovenia, Spain, and the United Kingdom.



In total, more than 73 million unique building data coming from 8 million energy performance certificates are now embedded and geocoded into the tool, and more are coming soon! If you want to explore these energy retrofit opportunities, go to http://app.enerfund.eu/ and watch our explanatory videos to know more:

Why you should use ENERFUND Tool

https://www.youtube.com/watch?v=_XViB-k6mtg

How to use ENERFUND Tool

https://www.youtube.com/watch?v=VloZg890Ml8

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EPC implementation in the real estate market.

ENERFUND final event: New technologies and open data levers to achieve climate and energy goals

The final conference of the ENERFUND project took place on Monday 21st of January 2019 at the House of the European Institute of Innovation & Technology (EIT) in Brussels, Belgium. The conference was very successful, gathering over 50 participants and highlighting some of the needs for future developments in using big data and new technologies as instruments to achieve energy and climate targets.

Following an opening statement from ENERFUND's coordinator *Alexandros Charalambides* (Cyprus University of Technology), the Financing Schemes for Energy Efficiency for Smart Buildings were highlighted by *Dimitrios Athanasiou* and *Amandine De Coster–Lacourt*, from DG Energy and EASME respectively. A series of talks on energy data related projects followed, and in particular:

- *Horia Petran* (National Institute for Research and Development URBAN-INCERC) focused on the development of skills and competences of key stakeholders towards nZEB-levels;
- *Daniele Antonucci* (Senior researcher – EURAC research center, Institute of Renewable Energy) presented various projects which use data technologies to display energy performance and consumption;
- *Oriol Pujoldevall* (Head of Business Development at the Energy Web Foundation), presented the work of the Energy Web Foundation on decentralizing solutions and applying blockchain technology to the energy sector;
- *Zeno Winkels* (Building Technologies Accelerator-BTA, Climate KIC) presented the work of Climate KIC related to buildings and their energy efficiency.
- *Lukas Kranzl* (Senior Researcher, Technische Universität Wien) focused on "Hotmaps," an open source mapping and planning tool for heating and cooling experience.

Finally, *Alexandros Charalambides* presented the ENERFUND app and highlighted some recommendations in the field of energy efficiency of buildings, in particular regarding EPC data availability. To learn more and download the presentations, please visit: http://enerfund.eu/2019/01/24/enerfund-final-conference-new-technologies-open-data-levers-achieve-climate-energy-goals/



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Centre for Renewable Energy Sources & Saving (CRES)
www.cres.gr

Valencia Institute of building (IVE)
www.five.es

ENERGIES 2050
www.energies2050.org

National Institute for Research and Development Construction, Urban Planning and Sustainable Spatial Development URBAN-INCERC
www.incd.ro

SERA energy & resources e.U. Consulting Engineers Environmental Engineering
www.sustain.at

Ministeryl Dezvoltarii Regionale si Administratie Publice (Ministry of Regional Development and Public Administration Romania)
www.mdrap.ro

CYPRUS ENERGY AGENCY
www.cea.org.cy

Energy Action Limited
www.energyaction.ie

Sustainable Energy Development Agency (SEDA)
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