

End of ENERFUND project: Sustainability of the tool

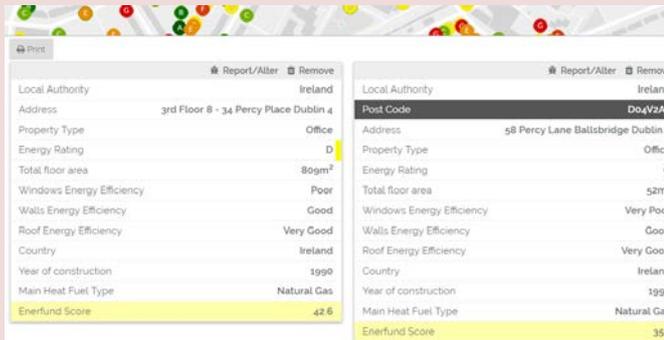
In this issue...

New data and features

Reliable EPC data to fast track energy renovation of buildings in Europe

End of ENERFUND project: Sustainability of the tool

ENERFUND (<https://app.enerfund.eu/>) aims to enhance energy renovation of the building stock across Europe by providing key stakeholders (financing institutions, energy service companies, local authorities, etc.) with sound and up-to-date information. In particular, it uses data from energy performance certificates (EPCs) to map and assess energy renovation opportunities.



Property Details	Enerfund Score
Local Authority: Ireland Address: 3rd Floor 8 - 34 Percy Place Dublin 4 Property Type: Office Energy Rating: D Total floor area: 809m ² Windows Energy Efficiency: Poor Walls Energy Efficiency: Good Roof Energy Efficiency: Very Good Country: Ireland Year of construction: 1990 Main Heat Fuel Type: Natural Gas	42.6
Local Authority: Ireland Post Code: D04V2A Address: 5B Percy Lane Ballsbridge Dublin 4 Property Type: Office Energy Rating: C Total floor area: 52m ² Windows Energy Efficiency: Very Good Walls Energy Efficiency: Good Roof Energy Efficiency: Very Good Country: Ireland Year of construction: 1990 Main Heat Fuel Type: Natural Gas	35

The tool was developed within a project supported by the European Commission under the Horizon 2020 programme. Though the project itself is coming to an end, the tool will stay live and will be regularly upgraded and updated for at least the next five years, or until 2024.

Besides numerous cross-linking activities, displays in key events such as the European Sustainable Energy Week and the International Conference on Climate Change and communications in specific papers, among other dissemination efforts has resulted in a significant uptake of the tool. Feedback collected from targeted stakeholders will continue to be used to ensure that the tool fully answers the needs of markets and policy makers.

New data and features

ENERFUND is constantly being updated and has now mapped millions of unique building data across 13 countries: Bulgaria, Cyprus, Denmark, France, Greece, Ireland, Italy, Netherlands, Romania, Slovakia, Slovenia, Spain and the UK.

Data at building level in Romania: a new addition



Property Details	Enerfund Score
Local Authority: DEVA Address: 9 Aleea Vitorului Property Type: Education Energy Rating: D Potential Energy Rating: B Total floor area: 1938m ² CO ₂ Current: 70 CO ₂ Potential: 38 Country: Romania Year of construction: 1967	Coming Soon
Local Authority: BACAU Address: 48 1 Mai Property Type: Residential Energy Rating: C Potential Energy Rating: B Total floor area: 57m ² CO ₂ Current: 61.9 CO ₂ Potential: 25.4 Country: Romania Year of construction: 1945	Coming Soon
Local Authority: HUNEDOARA Address: 1A Piata Garii Property Type: Commercial Energy Rating: A Potential Energy Rating: A Total floor area: 1065m ² CO ₂ Current: 27.5 CO ₂ Potential: 23.7 Country: Romania Year of construction: 2007	Coming Soon

It also provides a score for potential deep renovation opportunities, using a formula of weighted parameters such as total floor area, energy saving potential, construction year, average regional building price, occupancy level, etc.

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=VloZg890MI8>

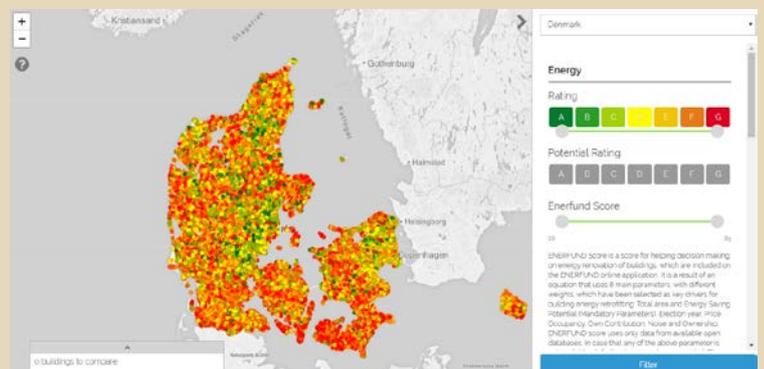
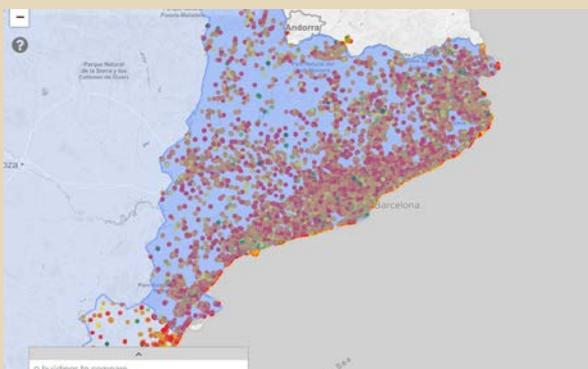


This project has received funding from the European Union's Horizon 2020 programme under Grant Agreement No 695873

EPC implementation in the real estate market.

Reliable EPC data to fast track energy renovation of buildings in Europe

When developing the tool, three main problems emerged regarding the collection, analysis and utilization of data from EPC registries: lack of publicly available data that could be used by relevant stakeholders; lack of EPC harmonisation between European countries; and lack of geocoded information, which makes the extraction of valuable input more difficult.



In order to tackle these issues, the ENERFUND team therefore recommends the following:

- Energy related databases and registries should be constantly updated and completed by the competent authorities.
- All energy related databases/registries/etc. emerging either from European funded projects or initiatives should be properly geocoded and openly available.
- All energy related data should be harmonised, in line with the INSPIRE directive of the European Commission (<https://inspire.ec.europa.eu/inspire-directive/2>).
- Individuals within national authorities managing EPC registries are often unaware whether or not they are allowed to share EPC data with other parties. The European Commission should therefore issue a set of guidelines on how the Environmental Information, INSPIRE, Public Sector Information (PSI) Directives and General Data Protection Regulation (GDPR) affect sharing of energy data for the common good.
- The availability of transparent, harmonized and up-to-date open-data is urgently needed if we want to achieve the climate policy targets set by the European Union.

Finally, and as Mr. Dimitrios Athanasiou, from the European Commission's Directorate-General for Energy, put it: *The lack of reliable and consistent data on the building sector is a major challenge. More transparent information on buildings across EU Member States and regions will better inform policy makers, support the decisions of market players, in particular financial institutions to steer an improvement in the depth and rate of buildings' renovation. The ENERFUND project is an excellent tool which provides sound and up-to-date energy related data for buildings allowing benchmarking deep-renovation opportunities.*

The ENERFUND TEAM



Cyprus University of Technology (CUT)
Sustainable Energy Laboratory
www.cut.ac.cy



Danish Building Research Institute (SBI)
Aalborg University
Copenhagen
Department of energy and Building
<http://sbi.aau.dk>



Severn Wye Energy Agency Ltd
www.severnwyenergy.org.uk



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.incdr.ro



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



Ministerul Dezvoltării Regionale și Administrației 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)
www.seea.government.bg



Energy Center of Bratislava, Slovak Republic
<http://www.ecb2.sk/>



ENERMAP
www.enermap.eu



Jozef Stefan Institute Energy Efficiency Center
www.rcp.ijs.si/ceu

Stay in touch:

info@enerfund.eu
www.enerfund.eu

www.facebook.com/enerfund/
www.twitter.com/enerfund



This project has received funding from the European Union's Horizon 2020 programme under Grant Agreement No 695873