





# Building renovation can be a challenge









































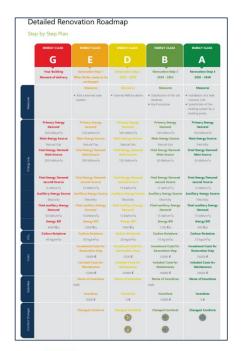
# A plan can help

#### **DEEP AND QUALITATIVE RENOVATION**

#### **HOLISTIC RENOVATION PROCESS**

#### **BUILDING RENOVATION ROADMAP**



































## So can a reference

iBRoad Logbook

#### A - GENERAL AND ADMINISTRATIVE INFORMATION

General and administrative Information related to the building/unit characterization and its user



#### **B** - Building Construction Information



**Technical information** and data related to the **building construction** 

### C - BUILDING ENERGY PERFORMANCE



**Energy Information** based on **EPC information** or other energy assessments

#### D - BUILDING OPERATION AND USE



Data and information on how the **building is** operated



#### E - SMART INFORMATION

Smart information related to the building



 $Source: iBRoad\ project\ report\ "The\ logbook\ data\ quest"\ \underline{https://ibroad-project.eu/news/the-logbook-data-quest/news/the-logbook\ data\ quest''}$ 





















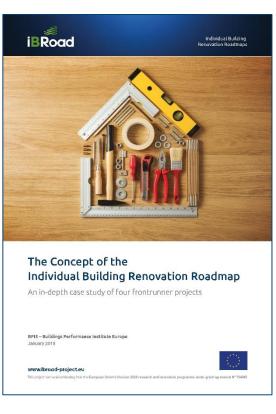








































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grant agreement Nº754045

- 83% of respondents think they can reduce their household's energy consumption through renovation measures
- 92% thinks that energy efficiency will be an important aspect when deciding to purchase a home
- Only 9% would trust the Energy Performance Certificate for advice about potential renovation measures

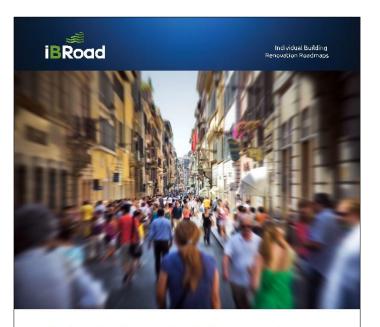




- To finance the renovation, 84% planned to use money that they had saved up
- 44% of respondents in Poland are interested in a building passport or logbook for their home or the home they would buy but would not be willing to pay
- 71% have completed a renovation in the past five years

**POLAND** 





#### Understanding potential user needs

A survey analysis of the markets for Individual Building Renovation Roadmaps in Bulgaria, Poland and Portugal

March 2018

www.lbroad-project.eu

is project has renewed funding from the European Union's Horizon 2000 research and innovation programme under grant acreement Nº754-0

 51% are more concerned about having a warm and comfortable home than saving energy

- 47% would go to the Energy Performance Certificate for advice about renovation measures
- 49% think that potential buyers should be allowed to access the logbook with all relevant information about the building



























































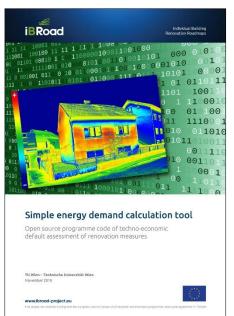


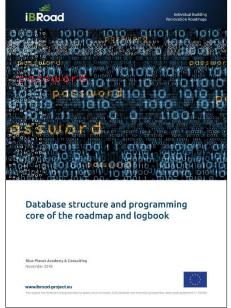












































#### iBRoad Stakeholders Meetings

Key Notes and Findings of 1st physical events round

INZEB September 2018

www.ibroad-project.eu





















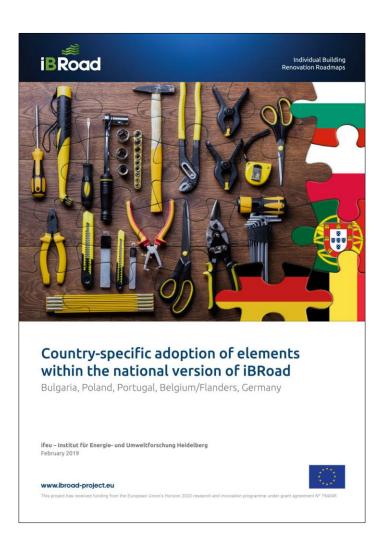






























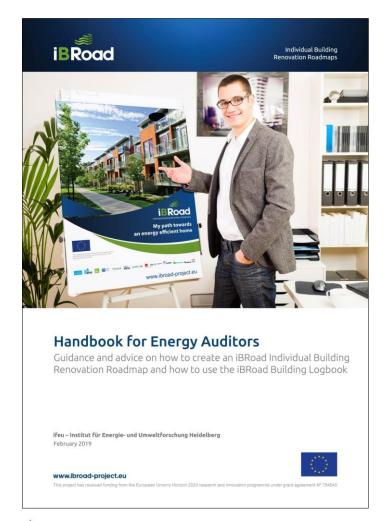
































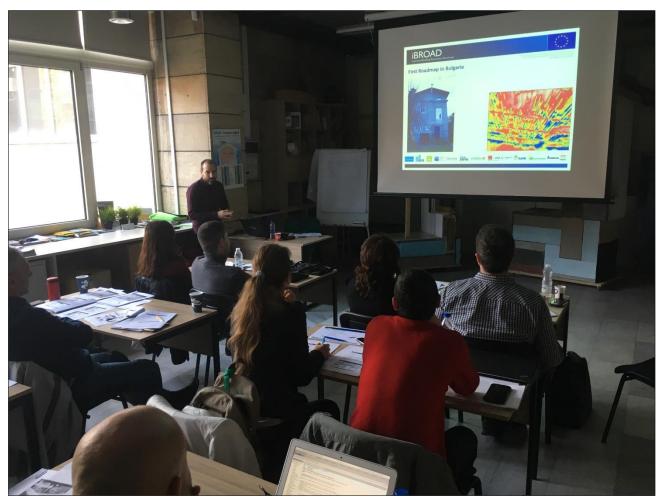
































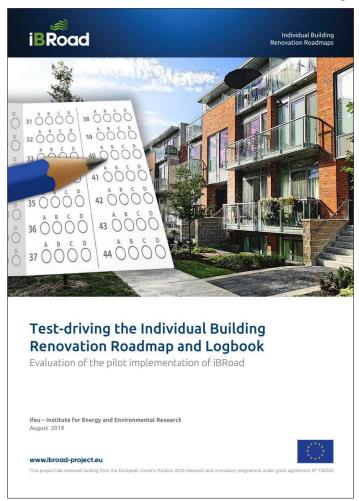












































#### Stepwise and structured

Surrounding policy instruments to support the iBRoad approach for building renovation take-off

ifeu – Institute for Energy and Environmental Research September 2019

#### www.ibroad-project.eu

N. 754046























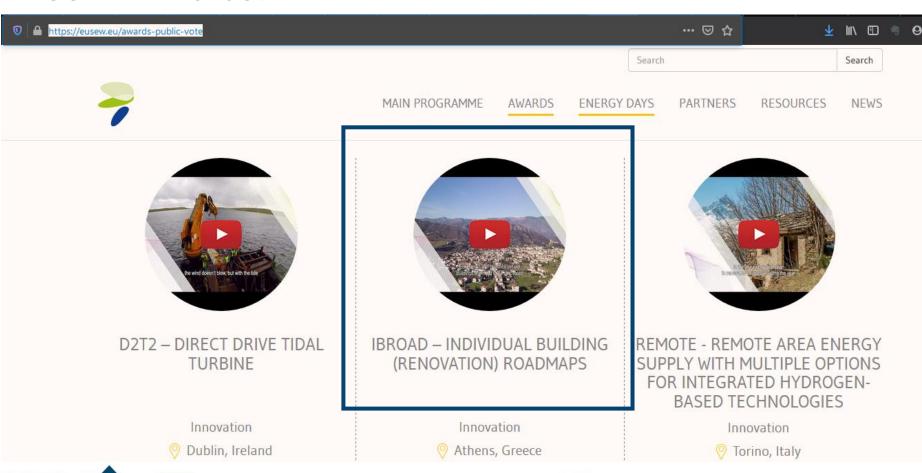








## **EUSEW Awards!**























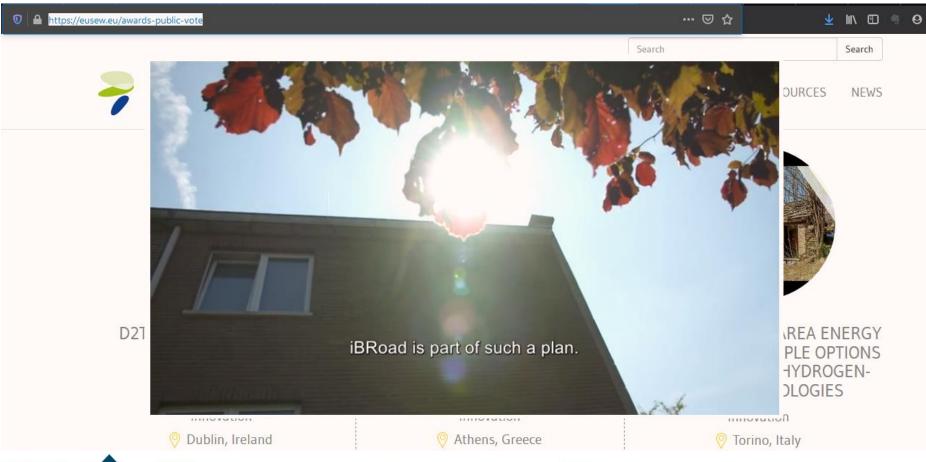








## **EUSEW Awards!**































### After this webinar

- ✓ Please visit www.ibroad-project.eu
- ✓ To be informed about iBRoad developments, subscribe to our **News Alerts**.
- ✓ To learn more on the topics that interest you, download our **reports**.
- ✓ You can also view previous webinars at the iBRoad project's YouTube channel.
- ✓ If you have proposals for iBRoad to be presented further, or are considering the potential implementation of building renovation passports (roadmaps and/or logbooks) in your country or area, get in touch with us via contact@ibroad-project.eu or the contact form on the website.
- ✓ Please vote iBRoad for the EUSEW Citizen's Award! eusew.eu/awards-public-vote































## Directive (EU) 2018/844, Article 2a

### Long-term renovation strategy

1. Each Member State shall establish a long-term renovation strategy to support the renovation of the national stock of residential and non-residential buildings, both public and private, into a highly energy efficient and decarbonised building stock by 2050, facilitating the cost-effective transformation of existing buildings into nearly zero-energy buildings. Each long-term renovation strategy shall be submitted in accordance with the applicable planning and reporting obligations and shall encompass:

[...] (c) policies and actions to stimulate cost-effective deep renovation of buildings, including staged deep renovation, and to support targeted costeffective measures and renovation for example by introducing an optional scheme for **building renovation passports**; [...]





























#### Data Sources/Receivers

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement №754045

## Main concept

