

The European Building Stock



Are the Member States taking the right approach with their refurbishment strategies?

***Political workshop: "Raising energy efficiency in the European building stock"
21 October 2015, Brussels***

***Paula Rey García
Team Leader
Energy efficiency in buildings
DG ENER, European Commission***

Building renovation, a political priority...

Rethink energy efficiency as an **energy source** in its own right

*This means increasing energy efficiency, **in particular in the building sector**, and promoting an energy-efficient and decarbonized transport sector as well as efficient products.*

9. In 2015 and 2016, the Commission will **review all relevant energy efficiency legislation**

10. The Commission will develop a **Smart Financing for Smart Buildings** initiative to make existing buildings more energy-efficient, facilitating access to existing funding instruments

... for good reasons

- *75 % of the housing stock is energy inefficient, missing the benefits of increased renovation*
- *Renovation rates are too low and renovation depth, too shallow*
- *Need to accelerate and finance upfront investments*

Article 4 EED, a tool for mobilising investments in building renovation

- Roadmaps to cover entire building stock, for the first time
- Bringing together various elements of the EED and the EPBD

Will the implementation of Article 4 result in the reversal of trends observed so far?

Assessment of Member States' approaches

- *Ongoing. Some preliminary findings:*
 - **Long term vision often lacking**
 - **Developing forward looking perspectives to guide investments, one of the most difficult aspects**
 - **Possible need for more guidance**
- *Elements of non-compliance found in MS traditionally strong in energy efficiency measures and achievements - possibility that reporting failed to correctly depict current status*

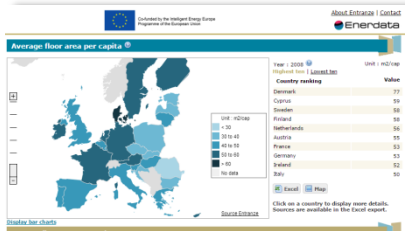
More generally, supports clear need for...



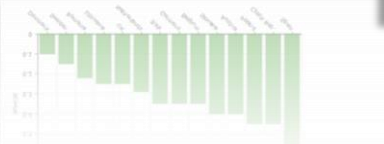
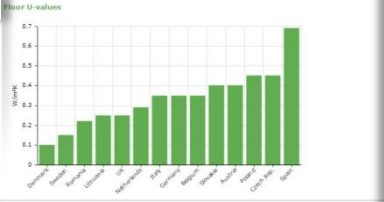
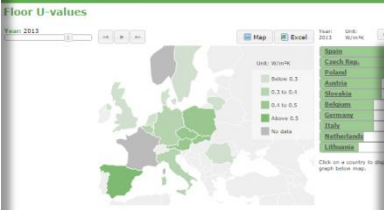
European Commission

Better building data, to design effective renovation programmes

EU Building Stock Observatory



Monitoring current market transition
ZEBRA2020



IEE Project TABULA (2009 - 2012)
"Typology approach for Building Stock Energy Assessment"

Information about the international research project performed from 2009 to 2012 with the support of Intelligent Energy Europe

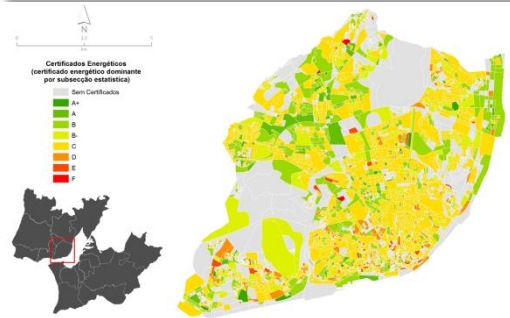
Co-funded by the Intelligent Energy Europe Programme of the European Union

national residential building typologies → cross-country comparisons → national building stock models → exemplary buildings

REQUEST 2 ACTION

Home About Pilot Projects Project Outcome News & Events Contact form Search form

New monitoring systems - How to provide insight about the current state of the housing stock?
LEARN MORE



and input from stakeholders

Broad public consultation in the context of the EPBD review

- **Open until 31 October 2015**
- **In particular, on sections C and D: effectiveness of national strategies and best practice; availability of building data at regional and local level; link to Energy Performance Certificates, to financing...**



Get involved at: <http://ec.europa.eu/yourvoice/>

Conclusions

- *Data on performance of existing buildings is lacking. Needed to assess effects of policies and tailor refurbishment programmes.*
- *Important to maximise the use of cohesion policy funding for building renovation and improve access to financing*
- *Ongoing assessment of national strategies will identify best practices for benchmarking purposes, to improve level of ambition and effectiveness*

Thank you for your attention



"Our dream is to live long enough to see the end of our renovation."