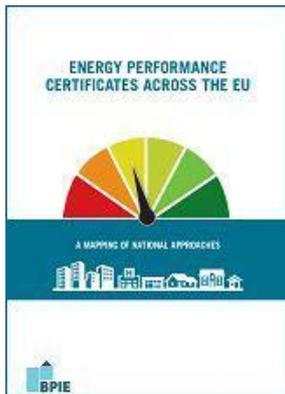


October 2014

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Highlight



Energy Performance Certificates (EPCs) could fail to deliver the expected boost of energy renovation if not properly implemented

BPIE analyses in this report the national approaches to buildings efficiency certification and finds that EPCs could be among the most important drivers of energy performance of the European building stock. However, most Member States are struggling with public acceptance and market-uptake.

The report provides a comprehensive overview of EPC schemes and databases for residential and non-residential buildings across Europe and presents the diversity of implementation measures in terms of design and methodologies, quality assurance, experts training, control systems, etc. It identifies good practices to make EPC data reliable and accessible and concludes that data gaps, low reliability due to a lack of quality control and limited access to data are preventing Member States from exploiting the full potential of the schemes. The report builds on the findings to elaborate policy recommendations.

>> [Download the report](#)

Investing into energy-efficiency projects: why and how - agenda available

November 6 in Brussels - Few seats left!

The majority of profit-led energy service providers, private banks or investment funds have not yet identified energy efficiency in buildings as an attractive business model. To create awareness and stimulate private investors' appetite, this event will showcase existing success stories, take into consideration policy guidance and analyses of risks related to energy-savings companies (ESCO) and other business models. It will provide a broader understanding of the deep retrofit market potential and present ways to mitigate the identified risks. Speakers include Paul Hodson from the European Commission's Directorate General Energy, Paolo Bertoldi from the Joint Research Center, IEA Annex 61 representatives, and more.

Organised by IEA EBC Annex 61, BPIE and KEA.

>> [Read more and download the full agenda](#)

Focus on



BPiE in the media

BPiE had several articles and features in the global and European press these last months.

An article for the magazine REVOLVE questioned how to [improve energy efficiency in historical buildings](#), whereas one for the European Energy Innovation put the spotlight on [fuel poverty in Europe](#) and how renovation measures could help tackle the problem.

BPiE's Head of Research, Dr Bogdan Atanasiu, was [interviewed on buildings' energy performance](#) for GreenBuildingInfo, presenting the work BPiE is doing to support different stakeholders improving energy efficiency in new constructions or renovations. Finally, in case you didn't get a chance to read it, our Executive Director Oliver Rapf wrote for Euractiv a few weeks ago, advocating for [energy efficiency to be put at the heart of Europe's stability](#).

Residential Buildings in India: Energy Use Projections and Savings Potentials

This new GBPN report jointly developed with the Centre for Environmental Planning and Technology (CEPT) University, provides a first attempt to document energy saving potentials that could be achieved in India by 2050 in the residential sector. Four energy scenarios have been developed to identify the potential energy savings, each relating to a level of ambition of building performance policies and market efforts. With direct policy action, it is possible to realize 57% of energy savings by 2050 compared to business as usual and help India address current challenges posed by the population growth, higher comfort expectations and the increased use of appliances.

>> [Report, summary and infographics](#)

13 reports stress the role of buildings and other businesses to fight climate change

BPiE presented in June the IPCC summary stressing the role of buildings when fighting climate change. Twelve other summaries are available, giving a comprehensive overview of the newest climate science data targeted to decision makers in governments and the industry. They summarize the key findings from the Intergovernmental Panel on Climate Change Fifth Assessment Report (IPCC, AR5) for financial services, cities, food, energy and more. A joint effort between the University of Cambridge Institute for Sustainability Leadership, the Cambridge Judge Business School, the European Climate Foundation and other sector-specific organizations.

>> [Read more](#)

EU Projects



Residential Building Typologies

Residential building typologies were developed for 16 EU countries. Corresponding webpages include an overview of the national building typology ("Building Type Matrix"), typology brochures (classification of the national building stock, effect of refurbishment measures, building display sheets, etc.) as well as statistical tables (energy consumption by use and fuel).

EPISCOPE aims at making the energy refurbishment processes in the European housing sector more transparent and effective. Pilot actions are conducted in 16 countries to track the implementation of energy saving measures and their effect on the consumption in practice.

>> [More on EPISCOPE's website](#)

New shells for leaky buildings

The [EASEE](#) project was featured in an Euronews short video documentary that looks into the energy efficiency of new insulation materials developed within the project. The piece highlights the need to improve the thermal performances of Europe's architectural heritage and the means through which this can be achieved. Roughly half of Europe's buildings were built before 1975. This was a time when energy parameters like efficiency, consumption and emissions were not a high priority. The work of the EASEE project strives to correct this weakness through innovative insulation materials and approaches.

>> [Watch the Euronews video in EN or FR](#)

Towards a European nZEB definition

This latest report from the ZEBRA2020 project aims at setting up a clear methodology of how nearly Zero-Energy Buildings (nZEB) are defined in the context of market tracking for new constructions and (deep) renovations. As building standards, climate, calculation methodologies and building traditions vary significantly between Member States, this is a challenging task to find a common denominator to define nearly Zero Energy Buildings at a European scale. ZEBRA2020 endeavours to grab this challenge and monitor the uptake of nZEB on the renovation market.

>> [Read the report](#)

>> [Join the discussion on LinkedIn](#)

Where to Meet Us

BPIE will speak at the following events in the upcoming months:

- 15.10.2014 - EurActiv High-level debate: Energy Efficiency in Non-residential Buildings : Bridging the gap to 2030, Brussels
- 22-24.10.2014 - [IARU Sustainability Science Congress](#), with the following conference: "National strategies for the renovation of EU buildings – the key to cutting carbon emissions and improving energy security", Copenhagen
- 28-29.10.2014 - [5th Regional Energy conference](#), Sofia
- 28-30.10.2014 - [Sustainable Buildings 14](#), Barcelona
- 04.11.2014 - [Request 2 Action](#) : Home Energy Efficiency Advice Tools and Using EPC Databases – Turning Data into Action, Brussels
- 05.11.2014 - [Renovate Europe Day](#), Brussels
- 12.11.2014 - [Energy and Development 2014](#), Athens
- 21.11.2014 - [ELIH-MED Final Conference](#) - 'Energy-efficiency in low-income housing', Athens
- 02.12.2014 - [Le photovoltaïque dans le bâtiment: quelle contribution de l'énergie solaire à la réalisation des objectifs d'efficacité énergétique allemands et français ?](#), Lyon

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