

Dear reader,

The lack of sufficient and independent information about when and how to renovate is often quoted as the biggest barrier to renovating our building stock. A [new BPIE paper](#) on building renovation passports suggests a way to overcome this problem and provides food for thought related to the upcoming Energy Efficiency/Winter Package. And as the buildings community is eagerly awaiting the Commission's proposal, other new papers and project results focus on practical solutions to stimulate the renovation market and to increase investments in buildings.

Oliver Rapf, BPIE's Executive Director

## HIGHLIGHT



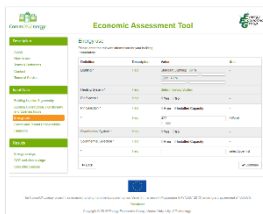
### **Building renovation passports: customised roadmaps towards deep renovation and better homes**

In this new [paper](#), BPIE suggests to evolve EPCs into Building Renovation Passports, based on three examples in the Belgian region of Flanders ("Woningpas"), France ("Passeport Efficacité Énergétique") and Germany ("Individueller Sanierungsfahrplan"), that received public authorities' support. Building renovation passports are centred around the combination of technical on-site energy audits and quality criteria established in dialogue with building owners. The result is a user-friendly long-term roadmap that owners can use to plan deep renovations, gather all relevant building information in a sole place and get an up-to-date screenshot of the building across its lifetime, with information about

comfort levels (air quality, better daylight entry, etc.) and potential access to finance.

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## FOCUS ON



### Shopping centers' refurbishment under the spotlight

CommONEnergy, an EU-funded project implementing solutions to make shopping centres energy efficient, is making a lot of progress:

- An [economic assessment tool](#) is now available! It allows estimating the energy saving potential and economic benefits of retrofitting shopping centers. The tool targets managers and owners and allows entering relevant information about their centre. It provides quick information on the energy consumption and options to reduce energy demand, CO<sub>2</sub>-emissions, environmental impacts and provides an economic assessment of the investments.
- The Italian [demo case of Modena](#), where innovative solutions were installed (integrated solutions for HVAC and refrigeration, artificial and natural lighting, insulation, completed with an iBEMS management system), reopened mid-September. The supermarket's retrofitting was included in an overall neighbourhood requalification and allowed reducing energy demand and operating costs, increasing comfort and creating new jobs.
- Last days to submit your [expression of interest](#) for the Sustainable Building Challenge organised by CommONEnergy. This competition will award the Best Sustainable Shopping Center in 2017.

If you are interested to learn more about the project and test all tools, join us at [MAPIC](#) in Cannes!

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## Filling in data gaps on buildings performance

A newly launched EU-funded project, [ExcEED](#), promises to develop a European energy efficiency database collecting meaningful data from buildings and districts, and making them available to decision-makers, commercial stakeholders and researchers, in order to advance knowledge and improve the building sector's efficiency. The project will answer the need for transparency and comparability of energy performance calculations.

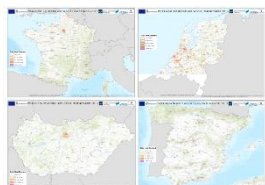
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## [Event's presentations] Boosting the market for energy efficiency in buildings in Romania – Insights and recommendations

The event presented ways to evaluate the market uptake of nearly Zero-Energy Buildings (nZEBs). The debates covered a wide scope of topics relevant for Romania such as recognising private and European funding streams, setting up an open and reliable EPC database, using ESCOs and supporting the development of a nZEB market strategy. [The presentations are now available.](#)

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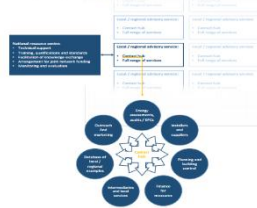
## Heat Roadmap Europe: getting to know the project and its tools

[Heat Roadmap Europe](#), launched in April 2016 to design a low-carbon heating and cooling strategy for Europe produced a range of videos on the project and [how waste heat could heat EU's buildings with smart district heating grids](#). Modern district-heating systems collecting waste-heat from power plants and industry and working at low temperatures (minimising the heat-loss and integrating more sources of renewable energy) could support the decarbonisation of Europe's heat supply. Videos include an introduction to the [hourly energy system analysis tools](#), available free of charge, as well as the [pan-European thermal atlas maps](#) (Peta3), presenting the maximum potential for district heating in all Member States. Check out the [HRE](#)

[channel on YouTube](#) to see all videos produced. Finally, an [article](#) summarises the key project information.

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A blueprint for energy advice for deep renovation



## **[External Report] Energy advisory services to achieve energy efficiency in buildings**

The [Energy Advice Exchange](#), a newly-created platform hosting discussions on energy advisory services and their role in achieving energy efficiency in buildings, released a [briefing](#) on the topic. Active and engaged consumers are essential for Europe to achieve its ambition to move to a low-carbon, secure and competitive economy. The *Energy Advice Exchange* believes that the consumer (owner/occupier, owner/manager or tenant) must be put at the centre of our energy efficiency policies, as they are the ones deciding on whether to have a deep renovation – or any level of renovation – or not.

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EVENTS: BPIE recommends

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- The international conference "[Energy Performance Contracting for Public Buildings](#)", November 15 in Esslingen, Germany, will present different perspectives on EPC, related business models and various approaches for the most effective use of EPC in Europe's public buildings. BPIE will participate in the panel discussion "The European EPC market - further steps for market penetration". [Registration](#)
  - '[Energy Efficiency in Action – Parameters for Realising the Energy Union](#)', an event organised by the European Energy Network (EnR), the Alliance for Building Energy Efficiency (geea) and the German Energy Agency (dena), November 8 at the Permanent Representation of the Federal Republic of Germany to the EU, to discuss strategies and policies shaping the future direction of an efficient and economically sustainable energy system in Europe. [Registration](#)
  - The 7<sup>th</sup> **ECTP Conference** will take place in Brussels on November 17-18 and discuss current and anticipated innovation in the built environment field. A hall for booths and posters will also exhibit examples of innovation expected from European projects. BPIE is a member of the ECTP.
  - The [World Sustainable Energy Days](#) –European Energy Efficiency conference, dedicated to technologies, policies and markets, informs about innovative business and financing models and presents pilot projects and best practice solutions, completed by Europe's leading tradeshow on energy efficiency and renewable energy (Energiesparmesse). March 1-3, 2017 in Wels/Austria.
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### Where to meet us

- [SBE16 Istanbul](#) is taking place from October 13 to 15, with more than 100 presentations around the topic 'Smart metropolises, integrated solutions for sustainable and smart buildings and cities'. BPIE will deliver a keynote speech on the theme of nearly Zero-Energy Buildings.
  - Panel discussion "Energy Performance of Buildings Directive - Opportunity towards a carbon neutral building stock?", organised by the Ministry of the Environment, Climate Protection and the Energy Sector of Baden-Württemberg/Germany, October 19, Brussels.
  - [The European Federation of Building Societies XVIII European Congress](#), October 19-21, Budapest.
  - [European Utility Week](#), in Barcelona, November 15-17. BPIE joins the Intelligent Buildings Hub with two sessions, Regulations and the promising role of buildings in transforming the energy market and Energy management for intelligent buildings.
  - [4th Passivhaus Portugal Conference 2016](#), November 25, in Aveiro, Portugal.
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