

Dear Reader,

Despite the many benefits for new house builders, [Member States are slow in driving demand for highly efficient buildings](#), as the ZEBRA2020 project found out. The upcoming Winter Package could change this if the forthcoming policy proposals put focus on the consumer. Without doubt, European citizens could benefit tremendously from buildings which come with lower energy bills and higher comfort. This will require an innovation step change in the construction sector, as a [new report by BPIE and I24C highlights](#). And as Europe is wondering what changes the US president-elect will trigger in the coming year, one thing is clear: closing doors and building walls will isolate industries from global business opportunities. For Europe, locking business down is not an option. Europe should rather lead in clean tech innovation and policy, and should support the rest of the world in implementing the Paris Agreement. This means business for Europe and growing prosperity for European citizens.

And so we are all eagerly waiting for the Winter Package, planned for 30 November, which should tackle all these issues.

Warm regards,

Oliver Rapf, BPIE's Executive Director

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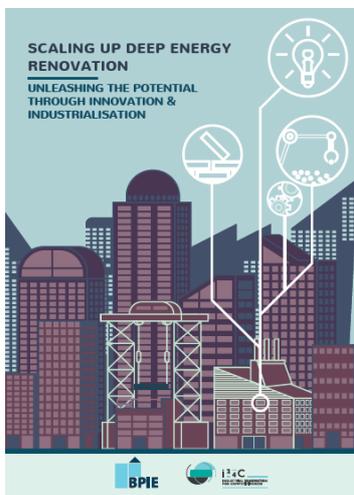
## HIGHLIGHTS



### Strategies for a nearly Zero-Energy Building (nZEB) market transition in the EU

Despite clear obligations in the Energy Performance of Buildings Directive (EPBD), which requires all new buildings to meet nZEB standards by 2021, the transition has been sluggish so far. The EU-funded project [ZEBRA2020](#) monitored the market uptake of nZEBs across Europe in the past three years and provided guidance on how to achieve a smooth

nZEB transition. Insights and recommendations at EU and Member State levels are compiled in a comprehensive [final report](#). One of the key messages is that we need measures more pronounced and ambitious than today to reach the long-term EU climate and energy targets. This report will inspire policy-makers, industry, the research community and citizens by providing proven ideas of how to increase the market uptake of nZEBs.



## Scaling up deep energy renovation through innovation and industrialisation

With the so-called EU Winter Package - or the roadmap for the Energy Union - being foreseen for the end of the month, a solution framework to tap into the potential of deep energy renovations is critical. BPIE and the [i24c initiative](#) explored how Europe can rapidly ramp up innovation and competitiveness of the construction sector throughout the entire value chain to scale up the depth and rate of energy renovation. The recommendations made in this [report](#) serve as inspiration and motivation for policy makers at European, national and local levels to foster a comprehensive approach to deep energy renovation.

## FOCUS ON



## BPIE contributes to consultation on Green Paper on Energy Efficiency in Germany

The German Ministry for Economic Affairs and Energy launched a process of consultation in summer 2016 on its [Green Paper on Energy Efficiency](#). The dialogue process was implemented to bring forward recommendations for a White Paper on Energy Efficiency setting out a medium to long-term efficiency strategy for Germany. In order to reduce energy consumption in Germany, the green paper discusses, amongst others, energy efficiency first, the importance of the European legislation on energy efficiency and the role of energy

efficiency for the energy system with a particular focus on sector integration. In its [response to the consultation](#) (ending on October 31), BPIE stressed the importance of energy efficiency first. For its practical application, the principle needs, however, further guidance. In addition, BPIE argues that sector integration will have to take into account a buildings perspective, if it is to be cost-efficiently implemented and aims at securing the economy's innovative capacity.

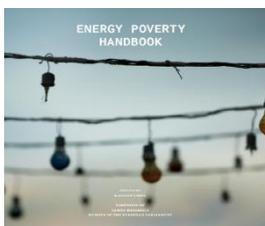
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**Heat Roadmap Europe: thermal atlases and national heating and cooling strategies are available in Czech, Croatian, Italian, and Romanian**

The first version of the HRE4 [thermal atlases](#) are now online for the 14 project countries; they can be downloaded from the '[Resources Map](#)' by clicking on the relevant country. The maps are currently available in PDF format and the final interactive versions (which include heating and cooling demands at a high resolution, sources and availability of excess heat, renewable heat potentials, and prospective district heating systems) will be online by the end of 2016. The [National Heating and Cooling Strategies](#) from HRE3 have been translated and are now available in a number of languages.

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**Energy Poverty handbook and launch event**

BPIE contributed to a [new publication on energy poverty](#) led by the Greens/EFA of the European Parliament. Several authors were gathered to share their knowledge on energy poverty and raise awareness about the situation in order to identify solutions to tackle it. The handbook will be [launched November 29](#) at the European Parliament ASP building, room 7F387, from 13:00 to 14:00, with speakers from BPIE, the University of Stuttgart, Housing Europe and the European Antipoverty Network. [Registration compulsory](#).

## NEWS FROM PARTNERS



### **The European Construction Sector Observatory is online**

The European Commission (DG GROW) and the Executive Agency for Small and Medium-Sized Enterprises EASME recently released the [European Construction Sector Observatory](#) (ECSO). It aims to inform European policy-makers and industry stakeholders on the market conditions and policy developments in the construction sector in the 28 EU countries, through regular analysis and comparative assessments. The objectives of the Observatory are to monitor market conditions and trends, and national/regional strategies related to the five thematic priorities of Construction 2020 as well as facilitate knowledge-sharing and awareness on policy measures and initiatives that have an impact on the construction value chain.



### **[Report] Does buildings' certification lower energy costs in offices?**

The publication "[Business for Climate. Operating Costs of Office Buildings](#)" compares energy consumption and operating costs by certified (BREEAM or LEED) and non-certified office buildings in the Polish market place and presents best practices of companies involved in addressing climate change. The study, carried out by key real-estate players in Poland, provides a valuable analysis, based on energy consumption data from 48 office buildings in order to verify if the energy consumption of certified buildings is indeed lower than non-certified buildings. The findings of the study will serve as a basis for further analysis to build energy efficiency benchmarks for Poland. BPIE is a partner of Business for Climate.



## [Report] Building the Business Case: health, wellbeing and productivity in green offices

Employers, building owners, designers and developers throughout the world are showing that it pays to invest in greener offices that keep their occupants healthy and happy, states the report from the World Green Building Council [Building the Business Case: Health, Wellbeing and Productivity in Green Offices](#). Simple steps like improving air quality, increasing natural light and introducing greenery - those which typically have environmental benefits such as using less energy - can also have a dramatic impact on the bottom line by improving employee productivity and reducing absenteeism, staff turnover and medical costs. The report is released under WorldGBC's [Better Places for People](#) campaign.

## EVENTS

### Where to meet us

- November 16 at 11am: Meet [CommONEnergy](#) (BPIE, [EURAC Research](#) and [Schneider Electric](#)) at [MAPIC](#) with the session: "Deep Renovation of shopping centres: cost-effective solution-sets and continuous commissioning", Innovation Forum, Palais-1, to learn about:
  - The project: an EU challenge to re-conceptualise shopping centres
  - Technology solutions for reducing energy needs and increasing energy efficiency
  - Tools and methods to develop deep energy renovation
  - How to transform data into knowledge to effectively support facility management: Intelligent Building Energy Management System
  - Continuous commissioning for constant monitoring and improvement of shopping centres performance
- November 15-17: [European Utility Week](#), in Barcelona. 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.
- November 25: [4th Passivhaus Portugal Conference 2016](#), in Aveiro, Portugal.
- November 29: [Energy Poverty handbook](#) launch, Brussels
- December 16: "[2 Years Renovation Pact](#)", an event in Flemish, in Brussels.
- March 1-3, 2017: The [World Sustainable Energy Days](#), in Wels/Austria.
- March 7-8, 2017: [The Internet of Energy](#) conference, Cologne, Germany.

