



Dear reader,

Is the Brexit relevant for the building sector? In an increasingly Eurosceptic environment, can we expect DG Energy to propose more ambitious legislation and be stringent and persistent with infringement procedures?

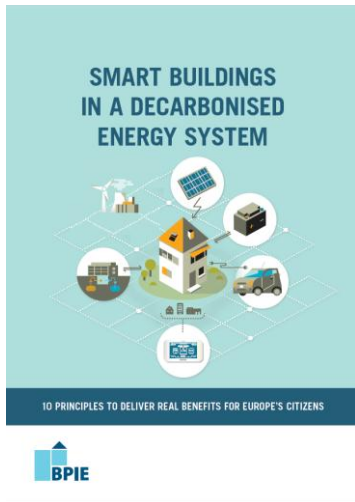
The EU has a communication problem; its successes of the past decades fail to reach many voters in Europe, not only in the UK. Now the EU has the challenge to prove again that it brings many benefits to its citizens. Our topic, buildings, should be a core theme of EU policy-making. Not because the EU should prescribe how buildings look like, but to give all Europeans access to decent and affordable housing. Houses offering healthy living conditions and not burning a hole in the pocket of residents. Schools and offices fostering productivity with adequate natural light and comfortable temperatures. Buildings not exposing their occupants to the ups and downs of global oil and gas prices as they are wasting energy. Europe needs to get back into the heart of Europeans and their heart is often very much attached to the home they live in.

'Power to the consumer to accelerate the energy transition' was the theme of the [EU Sustainable Energy Week](#). Connected and smart buildings are at the centre of this transition, and BPIE defined [10 principles for buildings to become micro energy-hubs](#), which should be the reference when re-designing our energy system. The forthcoming legislative package announced by the European Commission for this autumn should reflect both these new opportunities and the experiences of the current Directives while at the same time enabling a low carbon and highly efficient energy future responding to the Paris climate agreement. BPIE [summarised its recommendations for the future Buildings Directive](#) in a brief paper based on its earlier analysis, concluding that specific changes would support Member States in their national policy-making. Many conclusions and recommendations from the investment community to increase the flow of money for energy efficiency projects are summarised in a [video documenting the Investor Days 2016](#) which brought together over 100 experts.

Before you leave for your summer break make sure to put a promising event in your diary. The [ZEBRA2020 project's final conference](#) will present an update on the state of nearly Zero-Energy Buildings (nZEBs) in Europe. And finally, the EPISCOPE project is presenting indicators [how to track the success of renovation measures](#) and provides a comprehensive database with many project results. The recommendations are highly relevant for the revision of the EPBD.

The BPIE team wishes you a productive but also relaxing summer!
Oliver Rapf, BPIE's Executive Director

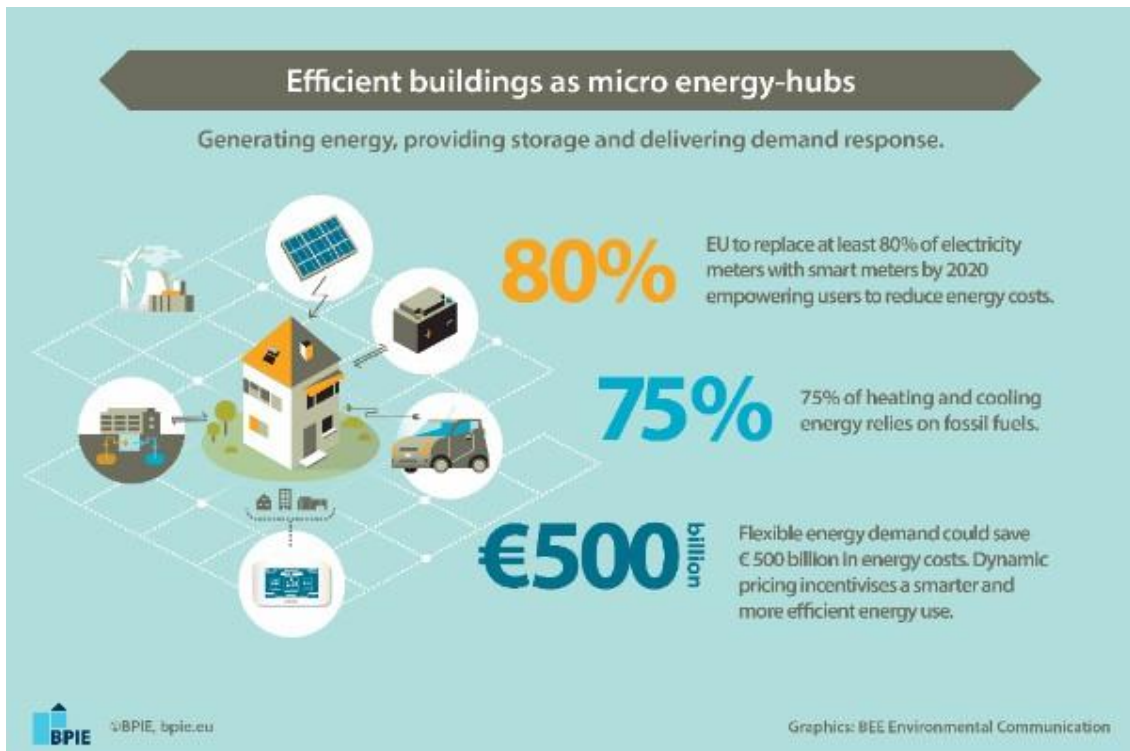
HIGHLIGHTS



Smart buildings in a decarbonised energy system: 10 principles to deliver real benefits for Europe's citizens

Buildings are in a transition phase, moving from being unresponsive and highly-energy-demanding elements to becoming highly-efficient micro energy-hubs consuming, producing, storing and supplying energy, making the system more flexible and efficient. [BPIE lays down 10 principles](#) to fully achieve this transformation. The paper tackles aspects like renewables integration, incorporating demand response or stimulating storage capacities and sets forward a series of recommendations.

Infographic: Buildings as a driving force in a smart energy system



FOCUS ON



9 ways to make the EPBD more effective

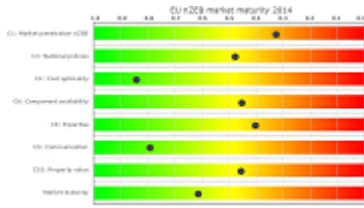
The European Commission announced a revised European Performance of Buildings Directive to be part of the so-called *Energy Efficiency Package*, expected in autumn 2016. This provides an opportunity to evolve and strengthen requirements, resulting in higher energy savings and reduced CO₂ emissions.

This [paper summarises recommendations](#) that would make the EPBD more effective in improving the energy performance of European buildings, while enabling Member States to develop and implement ambitious policies.

Investor Days 2016:
Making money flow: strategies to increase energy investments in the European building sector

February 22-23
Representation of the State of North Rhine-Westphalia to the EU

BPIE, ICP EU, the Covenant of Mayors and KEA-EBC Annex 61 organised a two-days conference in Brussels to discuss how to increase deal flow, necessary market solutions and pitch funding to interested developers. [A short video summarises the event key findings.](#)



[Tool] Tracking the maturity of national and EU markets for nearly Zero-Energy Buildings

ZEBRA2020 launches the [nZEB Tracker](#), a Wiki-tool to dynamically assess and visualise defined criteria of the national nZEB markets and aggregate the results at national and EU level. The tracker allows monitoring the development per criterion and country (18) over time and to compare them. Even if the potential is not fully exploited yet, the nZEB Tracker clearly indicates a growing maturity of the European nZEB market.



[Reports] nZEB renovation of single-family houses: business models and customer confidence created through quality assurance

COHERENO has contributed in establishing 24 collaborations of actors in nZEB retrofitting of single-family houses in Germany, Austria, Belgium, The Netherlands and Norway, assisted in initiating and developing innovative viable business plans ready for implementation. [The report summarises results and experiences.](#)



Monitoring the progress toward climate targets in the European housing stock

This [report](#) sets energy performance indicators developed by [EPISCOPE](#), enabling actors to ensure high quality energy refurbishments, compliance with regulation as well as to track and steer the refurbishment processes in a cost-efficient way and evaluate achieved energy savings. Recommendations include how to further improve data collection, design support measures and benchmark frontrunner concepts for nZEBs.



[Articles] Buildings: Essential for smart energy systems and fast-tracking innovation in the construction value chain

In [this article](#) written for REVOLVE (from p19), BPIE proves that the building sector has a wealth of solutions to offer to support reaching the Paris COP21 agreement. Through the transformation of buildings into micro-energy hubs, the energy system could find a balance. In a second article, BPIE makes the case for industrialising deep energy retrofits,

[Successful quality assured renovation practices and related mechanisms need to address key elements listed in a second report.](#) Tools and mechanisms are listed, to help increase customer confidence and facilitate a volume market for nZEB renovations.

a value-add of around €200bn/y which could create up to 2 million construction jobs. Enabling measures to unlock the transition towards off-site industrialisation of prefabricated elements for renovation were also identified on [Home2025](#).



Sustainable Building Challenge: a competition for shopping centers

In 2017, the first competition for sustainable European retail buildings will take place. The CommONEnergy SBC will award the **Best Sustainable Shopping Center**. Interested participants can submit their [Expression of Interest](#). The CommONEnergy SBC technical committee will shortlist the best submissions. In the second step, teams will undertake a detailed sustainability assessment. [Competition rules and more information are available.](#)

EVENTS



Monitoring the market uptake of nZEBs across Europe, September 8, Brussels

What do we learn from the nZEB market uptake since 2010? Are Energy Performance Certificates useful? What are the implications of the EPBD recast? ZEBRA2020's final conference will try to answer these questions and share knowledge on how to reach the ambitious target of 100%-share of nZEBs for new buildings after 2020 as well as a substantial increase of deep nZEB renovations. Participants will debate recommendations and strategies to accelerate the market uptake of nZEBs. [Registration](#) is open! A [draft agenda](#) is available.

[June events - presentations available](#)

- **Technical requirements and financing options for building renovation, June 8**

Following the launch of the report [Financing building energy performance improvement in Poland](#) and the success of the [first meeting](#) held last January, this [workshop](#) saw the participation of multiple stakeholders and high-level speakers delivering various and interesting solutions in the field of financing and technical requirements for building renovation in the country.

- Smart strategies and policies for sustainable shopping centres: energy efficient and cost-competitive retrofitting solutions, June 13

This [event](#) dived into the retrofitting of commercial buildings, with a focus on policies and technologies. Spotlight was put on how to frame policies, integrating the CommonEnergy project results into policy-making with [recommendations for new and existing commercial buildings](#).

- Smart consumers and smart buildings: the active role of buildings in a transforming energy system, June 15

The 10 principles for smart buildings announced above were presented during an [EUSEW event June 15](#), with speakers from the European Commission, Danfoss, UTC, and more.

[Two events not to be missed](#)

- [Ending Energy Poverty in Europe - Towards an Inclusive Energy Union](#) in Brussels, July 7, has confirmed speakers from the EU Fuel Poverty Network, the European Heat Pump Association, Housing Europe and more. A preferential rate is available to BPIE's readers, for 150€.

- BPIE joins the [Intelligent Buildings Hub](#) from the EU Utility Week event in Barcelona in November, with two sessions, *Regulations and the promising role of buildings in transforming the energy market* and *Energy management for intelligent buildings*. [Book your summit pass with a 20% discount rate](#).



You are receiving this email because you opted in on our website or as a result of your link to a BPIE event / activity.

Copyright © 2016 BPIE, All rights reserved.

Want to change how you receive these emails?

You can [update your preferences](#) or [unsubscribe from this list](#)