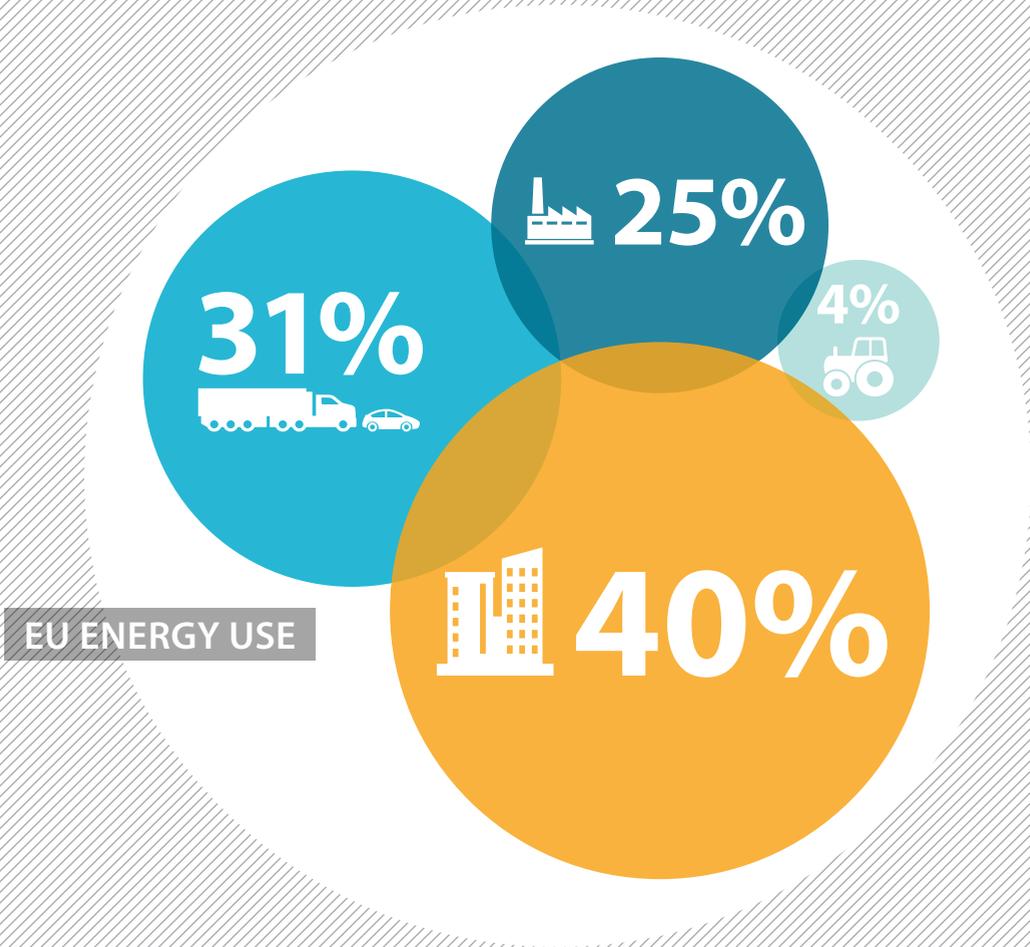




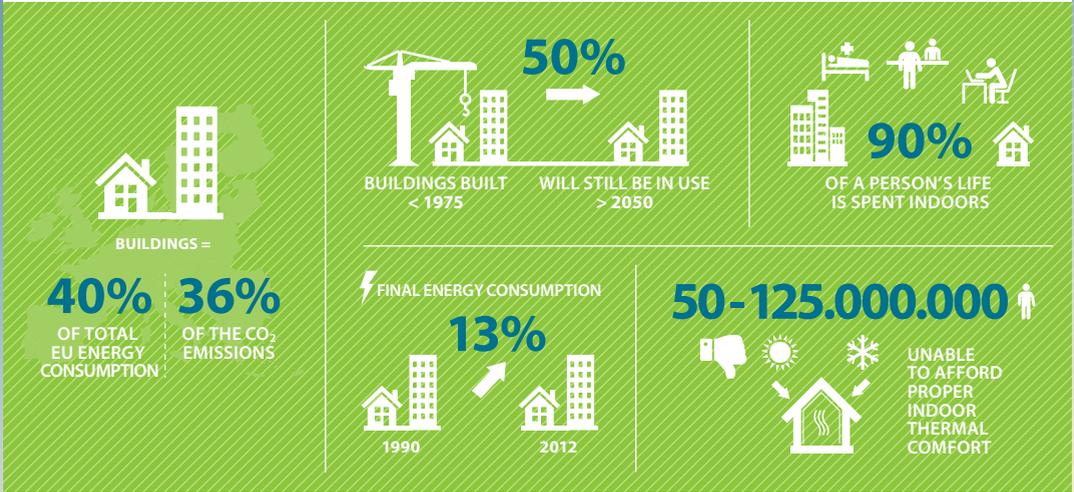
**BUILDINGS
PERFORMANCE
INSTITUTE
EUROPE**

Committed to increasing the energy performance of buildings across Europe

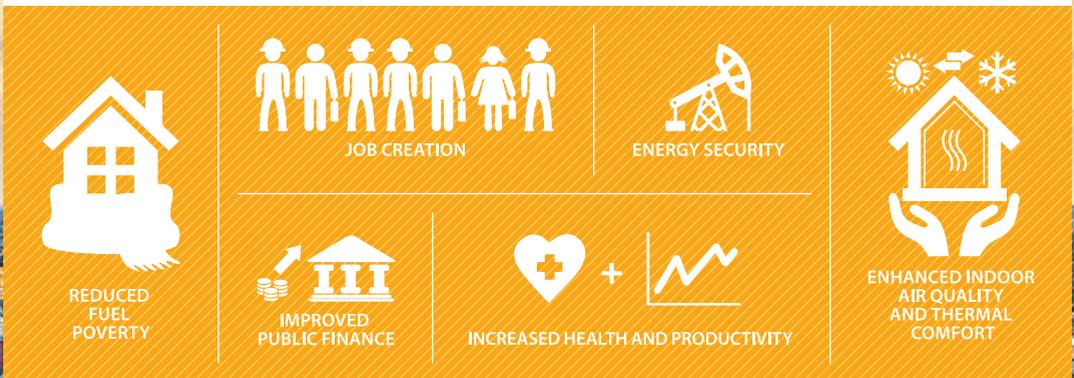


Europe's buildings

Key figures



Increasing buildings' energy performance is one of the most cost-effective ways to reach the EU climate goals and to stimulate sustainable growth. It will lead to important social and environmental benefits and give a boost to Europe's economy.



Who we are

BPIE is an independent not-for-profit think-tank, created in 2010 in Brussels, now with additional offices in Berlin, Bucharest, Warsaw and London.

As a European organisation, BPIE runs projects in several countries, often in close collaboration with national partners.

BPIE provides open-source research, analysis, knowledge-sharing and advisory activities to the European Institutions, policy-makers in EU Member States and neighbouring countries, the scientific community as well as private sector stakeholders and the civil society.

The focus is put on analysing the effectiveness of policies and programmes aiming at increasing renewable energy use and reducing energy consumption in the building sector across Europe. BPIE has established a reputation as a credible centre of expertise and research, working impartially at the crossroad of different interests. To stimulate debate and agreement, BPIE convenes relevant stakeholders and decision-makers at various occasions.



What we do



Most people spend a large share of their time inside buildings, which have an influence on how comfortable people feel, and on whether they are productive and healthy. These issues are strongly linked with the energy performance of a building, the quality of its shell, windows, heating, cooling and ventilation systems. Improving the energy performance of a building therefore not only decreases energy consumption and greenhouse gas emissions, but additionally supports the development of sustainable places where to live and work, whether in the countryside or in cities.

New buildings

Europe aims for a nearly-Zero Energy Building standard (nZEB) by 2020. BPIE's research supports the development and implementation of such a standard, alongside monitoring the legislative progress and support programmes in the EU. The next milestone includes positive energy buildings (PEBs), which produce more energy than they need, playing a crucial role in speeding up the integration of renewable energy systems and turning buildings into energy sources.

Renovating the EU building stock

Deep renovation of buildings could cut 36% of their energy consumption by 2030, while reducing EU energy import dependency, creating growth, innovation and employment, reducing fuel poverty and resulting in more comfortable and healthier buildings. BPIE develops scenarios and recommendations to overcome major barriers to renovation and monitors progress across Europe.

Supporting policies and instruments

Legislation alone will not be sufficient to improve the energy performance of buildings. BPIE is involved in a range of projects identifying additional measures and programmes to overcome the many barriers, such as market incentives or financial support schemes.

EU buildings under the microscope

BPIE runs an open-source Data Hub providing country statistics on buildings, information about policies, a global glossary and access to many information sources provided by partner organisations. BPIE is working for the European Commission on a Buildings Observatory as a tool to monitor policy implementation in the Member States and to document policy failures and successes across EU, based on the Data Hub model.



Smart and sustainable cities are not possible without highly efficient, healthy and liveable buildings. BPIE therefore supports a multifaceted approach to achieve such buildings, and promotes regulatory measures as well as financial incentives that trigger the deep renovation of the European building stock and lead to the construction of new net-zero or low-energy buildings. Several EU Directives provide a framework to improve the energy performance of buildings, and their effective and ambitious implementation in the European Member States is essential.

Supporting Member States

European legislation has no effect without a proper implementation at national level. BPIE therefore runs country-specific programmes and projects, supporting national policy-makers and convening stakeholders. Bringing best practice examples and sharing knowledge from outside national boundaries often inspires national processes.

Romania is the second biggest country in the Eastern European Union. The savings potential in energy consumption and greenhouse gas emissions is significant. BPIE has been active in the country since 2011, supporting stakeholder debates and policy-making on topics such as nearly-Zero Energy Buildings, financing instruments and the national renovation strategy.

BPIE opened an office in **Germany** in 2014, establishing a broad network of stakeholders and participating in a government platform to foster energy efficiency in buildings. BPIE's project contributes ideas to further develop the policy framework, in close collaboration with a number of partner organisations in the country.

In **Poland**, BPIE ran several projects in the past, supporting the development of a definition for nearly-Zero Energy Buildings and of a renovation strategy. To increase its activities and collaboration with national stakeholders, BPIE also opened an office in Warsaw in 2015.

Furthermore, BPIE is active in other Member States: countries where projects are carried out include **Austria** and **Bulgaria**. So far, additional partnerships have been developed in **Greece** and **France**, and through its pan-European work, BPIE has established excellent contacts with the research community and think-tanks in almost all countries.

Finally, a number of further outreach activities are allowing BPIE to expand its network globally.

The context we work in

The EU is committed to reduce its greenhouse gas emissions and to become a low carbon society. This is expressed through a range of strategy documents and a political commitment by all Member States to the 2030 climate and energy package, including a 40% reduction of greenhouse gases, a renewable energy share of 27% and an energy efficiency increase by at least 27%. These targets will not be achieved without significant action in the building sector.

The EU's intention to develop an Energy Union which increases energy security highlights the importance of the building sector to reduce energy consumption and foster the growth of renewable energy. Europe's budget from 2014 to 2020 increased research and innovation spending to 38 billion€ for low carbon activities.

The achievement of these targets and strategies will have to be supported by relevant policies, either through the revision of existing ones such as the Energy Performance of Buildings Directive and the Energy Efficiency Directive or by developing new initiatives.

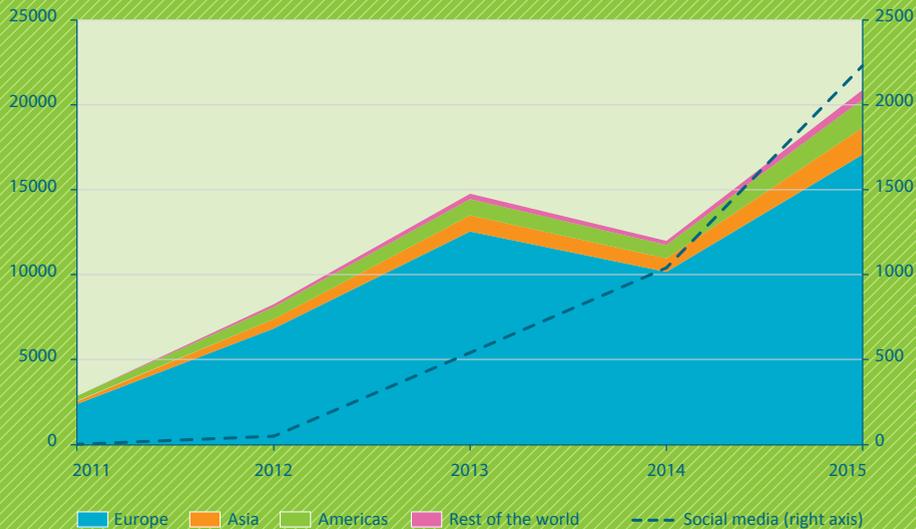
BPIE is supporting all these processes through a variety of projects, both at EU and Member State levels, enabling policy-makers and stakeholders to agree on effective programmes. These projects include analysing progress on nearly-Zero Energy Buildings, monitoring the building stock, developing energy saving strategies for shopping malls and innovative retrofitting approaches, and more.

BPIE's mission is to improve the energy performance of buildings by:

- Supporting the development of ambitious – yet pragmatic – building-related policies and programmes at EU and Member State levels.
- Driving timely and efficient implementation by teaming-up with relevant stakeholders.
- Providing fact-based analysis and knowledge and sharing best practice globally through our network.

BPIE's reach and collaborations

A growing digital presence: unique website visitors and Social Media followers (Twitter, LinkedIn and Facebook)*



To date, BPIE's website visitors come from more than 160 countries.

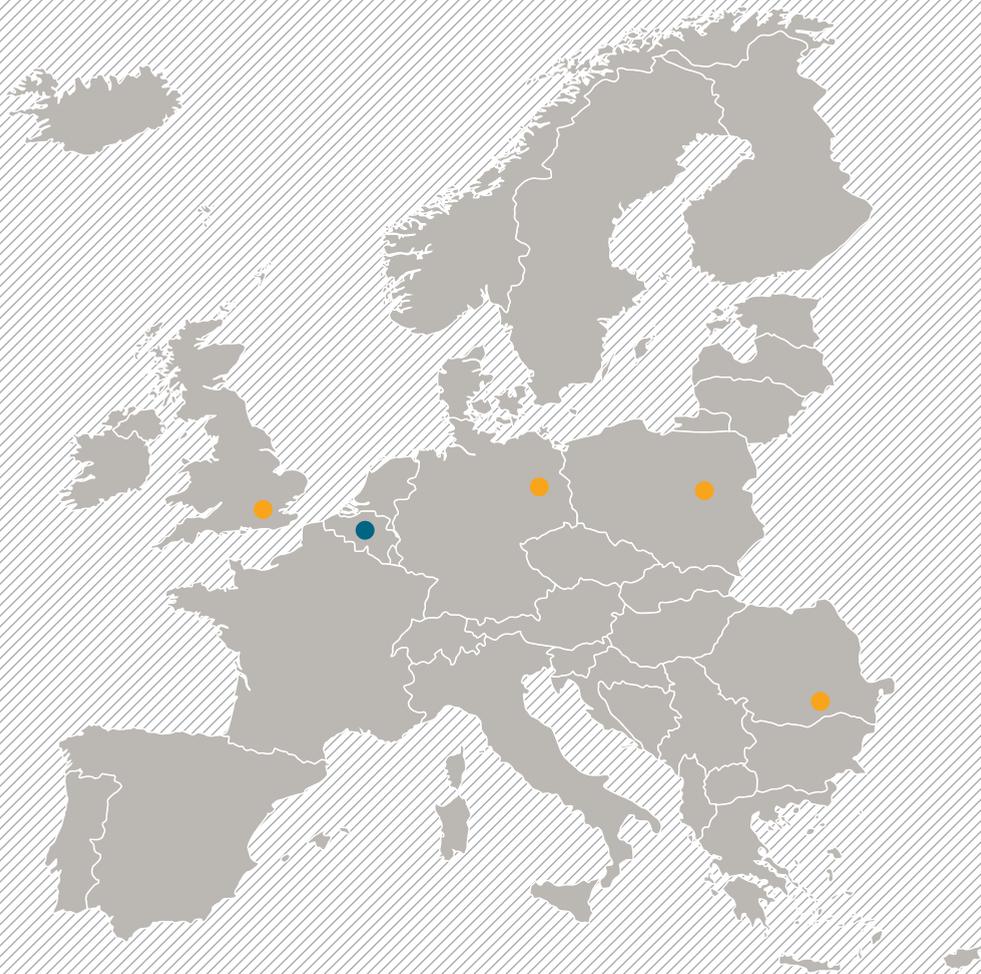
* All statistics are from June n-1 to June n.

Working with renowned organisations:

- The European Commission
- The European Climate Foundation (ECF)
- The United Nations Environment Programme (UNEP) and related initiatives: Sustainable Energy for All Initiative (SE4all) and the SCP Platform
- The International Energy Agency (IEA)
- The World Bank
- The Global Buildings Performance Network (GBPN)
- The Institute for Market Transformation (IMT)
- The Environmental Defense Fund (EDF)
- Ministries and national authorities from many EU countries
- Universities and research centres such as TU Wien, the Fraunhofer Institute, Ecofys, ECN, Enerdata, etc.
- Industry associations and private sector organisations



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