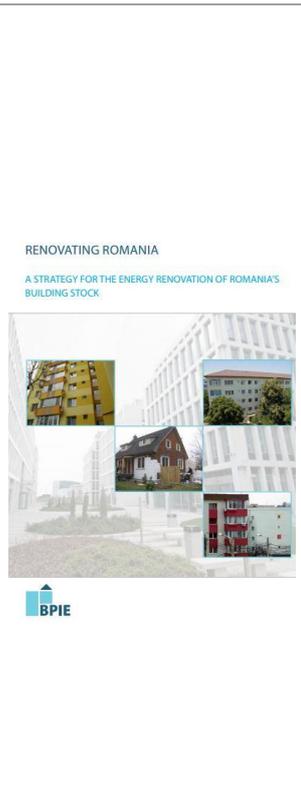


April 2014

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Highlights

>> **Registration is open for the "Building Renovation Strategies" event, co-organised by BPIE and IFEU, Brussels, May 16.** More information in the event section and on [BPIE's website](#). To register, please send an email to info@bpie.eu



BPIE study: Renovating Romania. A Strategy for the Energy Renovation of Romania's Building Stock

An ambitious reduction in CO2 emissions from buildings by as much as 80% by 2050 (compared to 2010) is both achievable and desirable in Romania. BPIE found that this ambitious target could be achieved through a combination of energy efficiency measures and widespread deployment of renewable resources in and on buildings, in a multiphase approach described in the study *Renovating Romania*. This study was delivered to support the Romanian Authorities in drafting their renovation strategy, as required by article 4 of the Energy Efficiency Directive (EED). It includes a technical assessment of the economic potential for renovation, different policy options and a set of scenarios as to how building renovation might develop. A second part showcases the [ENTRANZE](#) project results on modelling the selected policy sets for Romania. The results were presented during a multi-stakeholder event on April 4, which was opened by the Romanian Minister for Energy *Razvan Nicolescu* and gathered over 70 participants.

>> [Read more on the event and download the presentations](#)

>> [Download the study in English and/or Romanian](#)



The Danish Way - How Denmark takes a leading role in Europe to renovate its building stock

Denmark is one of the Member States that stands out when it comes to meeting the requirements of the EED's article 4, due to its strategic planning and established commitment to energy savings and achieving energy independence. A key aspect of the Danish experience relates to the broad range of stakeholders actively involved in the consultation process and who drafted initiatives. Apart from large scale societal buy-in, there is a strong political will and support across the main parties for this issue.

>> [More on this success story](#)

BPIE Events

Building Renovation Strategies. From Directive to Delivery - May 16, Brussels

BPIE, the state of Baden-

Teaming-up with policymakers for a future EU nZEB building stock - June 26, Brussels

The intelligent design of integrated

Positive Energy Buildings - wishful thinking or (built) reality? - June 26, Brussels

Construction is considered a key

Württemberg and the German Institute for Energy and Environment (IFEU) will present analysis they conducted supporting Member States' effort to deliver ambitious renovation strategies. The Baden-Württemberg region's approach as well as other notable national and regional examples will be highlighted, followed with a panel discussion. The workshop will give inspiration for the challenging exercise many European Member states are still dealing with. The EED requires Member States to develop renovation strategies by end of the month. Detailed approaches on how to improve the energy demand of their residential and commercial buildings have to be submitted. The event takes place on **May 16 from 9.45 to 13.00** at the **Representation of the State of Baden-Württemberg to the EU, rue Belliard 60-62, Brussels** and will close with a networking lunch.

To register, please send an email to info@bpie.eu.

>> [For more information and to download the agenda](#)

policy packages will be crucial to achieving ambitious energy and CO2 savings in the construction sector.

The **ENTRANZE** project aims at stimulating the policy making process by providing evidence-based and tailored policy recommendations. TU Wien (Energy Economics Group) and BPiE will co-organize the project's final conference during the EU Sustainable Energy Week.

The event will look into how Member States can achieve a strong and fast penetration of nearly Zero-Energy Buildings as well as renewable heating and cooling within the existing building stocks. It will showcase innovative policy sets and implementation solutions for nZEB and RES-H/C carried out in an integrated, effective and efficient way. The event will take place **June 26 from 11.15 to 13.00 in the Charlemagne building, Brussels.**

>> [For more information \(registration will open late April\)](#)

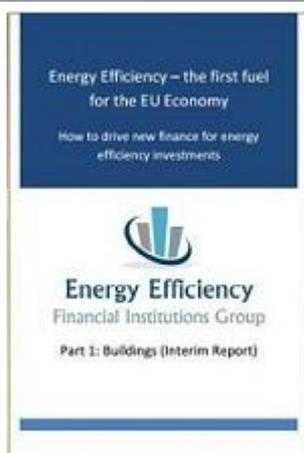
sector to curb CO2 emissions as well as reduce energy consumption and thus reach the EU climate objectives. Whilst exploring options for the next EU targets for 2030, the role of Positive Energy Buildings (PEBs) should be discussed. This event, co-organised by Fraunhofer IBP and BPiE, will open with the discussion: "why should we consider PEBs while Member States (MS) are already struggling with nZEBs?" It will explore how PEBs can fully be integrated in national legislations, examining the possibilities for market uptake of innovative technologies, and provide a comparative view of how MS approach this challenge in their respective political agendas and subsequent legislations.

Participants to this event will be able to discover best practices, demonstration cases, innovative technologies and new policy challenges.

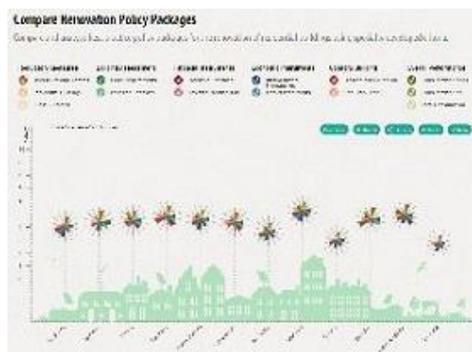
The event will take place **June 26 from 9.00 to 10.45 in the Charlemagne building, Brussels.**

>> [For more information \(registration will open late April\)](#)

Focus on



EFIG Interim Report - Part 1: Buildings:



New Online Policy Tool for



Assessing the policy impact of renovation packages: the

"Energy Efficiency - the first fuel for the EU economy. How to drive new finance for energy efficiency investments"

51 organisations, gathered in the Energy Efficiency Financial Institutions Group (EEFIG), agree that energy efficiency is the "first fuel" for the EU, as it is competitive, cost effective to achieve and widely available.

In order for energy efficiency to become the rule rather than the exception, the group published an interim report providing recommendations to trigger more investments. To achieve a deep energy efficient renovation of buildings in the EU, policy-makers and market participants need to work together to build upon the successful models which exist - permitting the generalization and expansion of these models.

The group was established by the European Commission and the UNEP Finance Initiative at the end of 2013.

>> [Read more about EEFIG and the report](#)

Renovation by GBPN

[GBPN's research](#) shows buildings hold the key to a low carbon future. By 2050, energy use in buildings could be reduced by nearly a quarter and buildings' CO2 emissions could be reduced by around one third (*Buildings for Our Future*, 2013). To achieve this, energy consumption of existing buildings must be reduced by 70% by 2050. In EU and the US, there is huge potential for energy savings in residential buildings renovation: it is urgent that deep energy efficient renovation policies and supporting programmes become standard practice.

To assist decision makers, GBPN released an online [Policy Tool for Renovation](#), allowing users to compare and analyse best practices for residential buildings renovation in EU and the US.

The tool allows interactive visualisation of the scoring, gives access to detailed information as well as the ability to generate graphs.

>> [Test the tool](#)

ENTRANZE cost tool

This tool – designed for market actors, policy makers, experts and other key stakeholders - analyses the impacts of several renovation packages for specific building types, in terms of costs and primary energy demand.

It provides cost-energy curves to assess cost optimal solutions taking into account specific climate zones, various energy price scenarios as well as renewable energy generation.

The tool is flexible regarding the definition of additional parameters, such as interest rates.

Therefore, it facilitates the selection of cost optimal and nearly zero-energy solutions and provides a comprehensive support for the design of national policies in the frame of the Energy Performance of Buildings Directive (EPBD, recast).

>> [Test the cost tool](#)

News in Brief

- **Launch of the EU-funded project RENOVALUE to mainstream green credentials into property valuation**

A group of European property experts just launched the RENOVALUE project aiming to further integrate energy performance of buildings into the property valuation process. "*Being able to demonstrate the business case for more efficient buildings and provide property valuers with the right information to integrate energy performance in property valuation practices is essential to accelerate the market transition towards nZEBs in Europe*" said Vincent Berrutto, Head of the Energy Unit at the European Commission's Executive Agency for Small and Medium-sized Enterprises. To contact the consortium: Luigi Petito, Project Coordinator, luigi@bs-europa.eu.

- **REVOLVE - Renewables in Action**

The Revolve magazine's sequel *Visualizing Energy* exhibition will highlight the human dimension of the energy transition during the EU Sustainable Energy Week 2014. Revolve invites you to join the energy transition and participate in "The Rise of Renewables". [More information](#)

- **News from the EPISCOPE project**

The EU project EPISCOPE, launched in 2013 as a follow-up of the TABULA project, aims at improving energy performance monitoring activities in the EU building sector.

[Residential building typologies](#) were developed, before expanding the scope towards the elaboration of residential building stock models to assess refurbishment processes and to project future energy consumption. Pilot actions are currently prepared in 16 countries to track the implementation of energy saving measures and carry out scenario analysis of future developments. One of the project targets is the definition and test of a concerted set of energy performance indicators (EPIs) to make the energy refurbishment processes in the housing stocks more transparent. [Description of the concept](#).

Where to Meet Us

[Construction21 Expo](#), coming May 14 and 15, will test an innovative event approach providing opportunities to exchange information widely with the buildings community without the environmental impacts linked to travel or physical venues. This online event, organised by Construction21 and the World Green Building Council, will combine informative webinars/debates with a virtual trade-fair. The aim is to promote the greenest building projects and associated solutions in Europe. BPIE will be a panellist in the following conference: "National renovation strategies: Whose responsibility is it anyway?", May 14.

The Energy Efficiency Global ([EE Global 2014](#)) Conference will take place in Washington D.C. May 20-21, with participants from over 40 countries. Speakers include U.S Secretary of Energy, Dr. Ernest Moniz; Min. Rasmus Helveg Petersen, Minister for Climate, Energy and Building, Danish Ministry of Climate, Energy and Building; Dr. Pradeep Monga, Director, Energy & Climate, UNIDO and Dave Szczupak, Executive Vice President, Global Product Organization, Whirlpool. GBPN, BPIE's Global Partner, will join these speakers.

DENEFF event at the [Berlin Energy Days 2014](#), May 21 - The event will provide an overview of current developments and trends in the energy efficiency industry in Germany. Speakers from science and politics will discuss the necessary drivers and conditions. BPIE will deliver the following presentation: Drivers and fields of action for the development of the energy efficiency market in the building sector.

The 2014 edition of the [Solar Decathlon Europe](#) will take place from June 28 to July 14 in Versailles. This international academic architectural competition aims at improving education and research in the fields of sustainable architecture and solar energy. The challenge given to schools and universities worldwide is to conceive and build a full-scale fully functional house, using only the sun as its power source.

AIIR, the Romanian Association for Building Services Engineers, the Faculty for Building Services Engineering (FII-UCTB) and the Romanian Energy Auditors Chamber OAER are holding [RCEPB 2014](#), "[Active Smart Buildings: a new challenge for energy auditors](#)", June 5-6 in Bucharest, Romania. The event will focus on energy efficiency, sustainable buildings, design, construction and renewable energy. BPIE is an institutional partner of the event and will be speaking.

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