

The ambition of the Renovate Europe Campaign is to reduce the energy demand of the existing EU building stock by 80% by 2050 through extensive, ambitious renovation programmes - an ambitious but achievable goal given the available technologies

Editorial

Welcome to the Third Annual Renovate Europe Day Conference, REDay2013. This year, we have a real treat in store for you as you will plunge into the linked worlds of EU building-related policy (specifically long-term strategies for mobilising financing for the renovation of the EU building stock) and financial services. These two fields are linked, because we will not succeed in achieving our long-term EU policy goals without a significant collaboration with and mobilisation of the financial services sector.

At REDay2012 we learnt about the substantial multiple benefits that investment in energy efficient renovation of buildings brings to society at large and to public finances in particular. Since then, we have seen that the International Energy Agency (IEA) included a special section in its World Energy Outlook 2012 dedicated to energy efficiency and that it has also carried out extensive work on the multiple benefits of investing in energy efficiency, going further and deeper than our own Copenhagen Economics Study did.

Once again we welcome a diverse range of participants ranging from EU Commission officials to officials from national governments; from non-government organisations to industry representatives; from professional associations to motivated individuals. I have no doubt that the interactions you will enjoy during the coffee break and the networking lunch will be both enjoyable and enriching.

You will also notice that the Conference is being filmed and that there is a photographer present. We intend to use the results to create new content for our website, so if you do not wish to appear in the "final cuts", please let me or one of my colleagues know!

Finally a special word of thanks to all the partners in the Renovate Europe Campaign, as without their support there would be no campaign! If you find our ambition and objectives worthy of support, then why not join us in our efforts by becoming an active contributing or supporting partner of the Renovate Europe Campaign: www.renovate-europe.eu

Now, I invite you to sit back and enjoy the proceedings!



Adrian Joyce,
RENOVATE EUROPE Campaign Director

Newsletter - REDay2013 Special Edition

REDay2013 is officially part of:



EU2013.LT



11th European Week of
Regions and Cities
Brussels 7 - 10 October 2013

Renovate Europe's New Supporting Partner:



energycities
WHERE ACTION & VISION MEET

3 projects highlighted by Renovate Europe in



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Renovate Europe Day 2013

Wednesday 9th October 2013, Brussels



11th European Week of
Regions and Cities
Brussels 7 - 10 October 2013



EU2013.LT



MORNING CONFERENCE 8:30 - 13:00 Designing Ambitious Renovation Programmes in the EU



Daiva Matoniene
Environment Vice-Minister
Republic of Lithuania



Herman Van Rompuy
President of the
European Council

Adrian Joyce

Renovate Europe Campaign

Paul Hodson

DG Energy - European Commission

Matti Jantunen

International Society of Exposure
Science

Ed Mathew

Energy Bill Revolution UK

Oliver Rapf

BPIE

Peter Bach

Danish Energy Agency

Teresa Godwin-Coombs

Financial Consultant

Juan Alario

European Investment Bank

Frank Hovorka

UNEP FI Property Group

Tatiana Bosteels

Hermes Real Estate Property
Institutional Investors Group
on Climate Change

AFTERNOON DEBATE - OPEN DAYS EVENT 14:30 - 17:00

Investing in Energy Efficient Renovations for Europe's Regions

Mathieu Fichter

DG Regio - European Commission

Mirja Adler

KredEx

José Lopez

Energies Posit'IF

Chiel Boonstra

Trecodome

Zarpana Massud-Baqa

Deutsche Bank

Peter Schilken

Energy Cities

Action: 100 EUrban Solutions Exhibition



RENOVATE EUROPE is exhibiting 3 renovation projects at the OPEN DAYS' 100EUrban solutions exhibition route

This exhibition is a summary of case studies and transferable good practices in the field of sustainable development. The Exhibition is spread across several venues in Brussels to form the 100 EUrban Solutions's Route.

Click [here](#) and have a look at the 3 projects high-lighted by Renovate Europe Check page 23

allee wonen Social Housing
Roosendal, Netherlands



low-a architecture & energie scprl
Belgian Residential Project
Single Family House



Public School
Czech Republic



Project Description:

In 2010-2011, the Dutch social housing provider AlleeWonen renovated 70 identical, single family terrace houses in the area of Kroeven in Roosendaal, the Netherlands.

The renovation took place with the tenants remaining in their homes through the whole renovation work. This required both a fast and non-intrusive renovation process, using prefabricated timber facades and roofs.

Which Financing Model was used?

An innovative financing model was used to fund this project: the building occupants accepted a rent increase of €65 per month, which equals the calculated energy savings at current energy prices.

What were the main benefits?

Economic benefits: Building-related energy bill to be reduced by 70% (full bill for additional costs reduces by 40%, at constant energy prices).

Environmental benefits: Energy consumption decreased by 80%, resulting in lower CO2 emissions

Health benefits: Better indoor comfort for the occupiers

Other multiple benefits: Higher property value for the buildings on the market .

Project Description:

In 2009, the renovation of this residential house to PassivHaus Standard was undertaken in Brussels, Belgium.

Which Financing Model was used?

The funding for this investment stemmed from both public and private funds. The private homeowner ensured that 22% of the cost for this investment was covered by Regional Funds.

What were the main benefits?

Economic benefits: Annual Energy bill dropped by around €2,250

Environmental benefits: Energy consumption decreased by 90% (resulting in lower CO2 emissions)

Health benefits: Better indoor comfort for the family, which encouraged the next-door neighbour to undertake the same renovation scheme due to its success.

Other multiple benefits: Energy Efficient renovations stimulate the local economy through creating local jobs and activating the underperforming construction sector.

Project Description:

The Elementary School "Kaminky" in Brno-Novy Liskovec, Czech Republic, was fully renovated in 2008-2009 with the aim of reducing the energy bills and increasing comfort for building users.

Which Financing Model was used?

This funding was provided by a mix of EU, national and local funds: the Structural Funds (ERDF) covered 66%, the Czech State Environment Fund covered 4% and the Municipality of Brno-Novy Liskovec covered 30% of the investment.

What were the main benefits?

Economic benefits: The electricity bill dropped by at least 50%

Environmental benefits:

Energy consumption decreased by 56%, resulting in lower CO2 emissions.

Health benefits: Better indoor comfort for the children.

Other multiple benefits: Energy Efficient renovations stimulate the local economy through creating local jobs and activating the underperforming construction sector.



**3 Projects = 3 different ways
of Implementing Energy Efficiency in Buildings**

What's new at Renovate Europe?



Renovate Europe is also delighted to welcome a new Supporting Partner, **Energy Cities**. To present this new partner, the Renovate Europe team meets Frédéric Boyer. **Interview!**

Energy Cities is the European association of local authorities in energy transition.

The association is currently under the Presidency of the City of Heidelberg (DE) with a Board of Directors of 11 European cities. Since its foundation in 1990, it has been committed to sustainable energy and climate policies and is active in sharing its experience and know-how with its members. It represents now more than 1,000 members from 30 countries.

The network of cities is known for its creative campaigns and initiatives involving local authorities. In 2012, it initiated a process aimed at making and debating proposals for accelerating the energy transition of European cities and towns. These proposals are based on innovative approaches illustrated by hundreds of concrete examples. They link today's action to the long-term vision of a low energy city with a high quality of life for all.

Why did Energy Cities join the Renovate Europe Campaign?

Cities and towns, as owner and user of buildings, as planner and regulator, as advisor and role model, can have a huge leverage effect on the renovation rate of the building stock. Their possible contribution, despite their engagement in energy and climate policies as illustrated with the [Covenant of Mayors](#), remains very much untapped. Their lack of awareness, insufficient technical and financial capacities, as well as administrative barriers sometimes explain poor results in terms of building renovation at local level.

[Energy cities](#), *the network of local authorities in energy transition*, thus sees itself as a natural partner of the Renovate Europe Campaign (REC) to engage, through cities and towns, all local players. Our association fully shares the three REC objectives: (i) *80% Reduction of the energy demand of the building stock by 2050*, (ii) *Renovation rate to be increased by a factor of 2.5*, (iii) *Effective long-term policy and legal framework* that are totally in-line with some of our past and current initiatives.

How does Energy Cities intend to contribute to the success of the Renovate Europe Campaign?

As the first network joining the Campaign, our main contribution will be to extend the range of stakeholders involved and disseminate the REC outputs to other players. Energy Cities' communication channels could be used for that purpose.

In addition, some of our current activities and tools are already contributing to the Campaign objectives, Energy Cities is willing to make them more widely available to the REC partners and targets. The communication tools of the Display Campaign, in particular the before-after posters, will be showcased during REC events in order to raise awareness of participants to the benefits of building renovation. Such an action is foreseen for the Renovate Europe Day 2013 at the Thon Hotel, using some of the most shining and diverse examples of building refurbishment implemented by Display members.

Liaising with close to a thousand municipalities across Europe and Beyond, Energy Cities can also help collecting best practices of building renovation policies. "Local retrofitting plans" are one of our 30 proposals for the energy transition of cities and towns and some cities have know-how to share.

Finally, in its activities, Energy Cities could integrate specific recommendations regarding building renovation, as key policies to reaching energy and climate objectives that local authorities are aiming at via the Covenant of Mayors.

What are your expectations and how would you like to see the Renovate Europe Campaign develop in the future?

Energy Cities is willing to help REC partners in lobbying for ambitious EU, national and local targets for building renovation (e.g. integration of a 3% refurbishment rate in local energy action plan) and ensuring that legal and financial frameworks are improved at EU and national levels to ensure a tsunami of renovation at local level in all Europe.



Check out the Display© Campaign at the back of the conference room on REDay2013



Actions of the REC: letter to National Head of States

The Renovate Europe Campaign reached out to Heads of State and Permanent Representatives ahead of the European Council on Energy on 22nd May 2013 in Brussels.

"Unlocking Europe's energy efficiency potential will be key to increasing competitiveness"

Ahead of this EU Summit on Energy, the Renovate Europe Campaign addressed letters to the Heads of State and Permanent Representations highlighting the importance of energy efficiency for competitiveness.

In total, 28 translated letters were sent. To date, two high level replies have been received, one from the Cabinet of President Hollande (FR) and one from the Cabinet of the President of the Spanish Government.

Have a look at the letter that Renovate Europe sent to YOUR Head of State:

[HERE](#)



To the Attention of: Mr. Enda Kenny, Taoiseach
Department of the Taoiseach,
Government Buildings,
Upper Merrion Street,
Dublin 2

Cc: Ministers Responsible for Industry / Competitiveness / Energy
CC: Irish Ambassador to the EU

Brussels, May 2013

Subject: EU Summit on 22 May – Unlocking Europe's energy efficiency potential will be key to increasing competitiveness

Dear Mr. Enda Kenny,

European leaders will meet in Brussels on 22 May 2013 to discuss energy in the context of the EU's efforts to promote growth, jobs and competitiveness.

One of the main stumbling blocks preventing the EU to rapidly grow out of the crisis is inefficiency. More specifically, energy inefficiency is undermining our competitiveness, increasing our vulnerability to security of supply and unnecessarily burdening public finances.

The less efficient our economies are, the less likely they are to benefit from any measures toward growth, because of the disproportionate share of energy costs for enterprises', households' and public budgets.

This is particularly true in the building sector, which accounts for 40% of EU energy consumption, is largely responsible for our energy import dependency, and where, according to the International Energy Agency¹, more than 80% of the economic potential still remains untapped. By investing in an energy efficiency upgrade of the building sector the EU Member States can stimulate economic activity, create between 750,000 and 1,480,000 jobs, and bring benefits to GDP of €153-291bn depending on the level of investments².

Today's challenges cannot be solved through recipes of the past. The nature and scale of today's energy challenge requires a clear political commitment for efficiency followed by bold actions focusing on key sectors for our society.

We appeal to you to show political support on 22 of May for a clear and ambitious EU policy for energy efficiency post-2020. An ambitious EU-wide building renovation strategy would decisively re-launch our economies; reviving the construction sector, putting millions of Europeans back to work and lowering energy bills for consumers. Best practice examples exist, it can be done!

¹ <http://www.wurtenenergy.com/energy/energyefficiency/2012/pressrelease/press.pdf> - Slide 13. Energy efficiency: a huge opportunity going unrealised

² Multiple Benefits of Investing in Energy Efficient Renovations - Impact on Public Finances, a Study by Copenhagen Economic, October 2012, available at <http://www.renovate-europe.eu/wordpress/wp-content/uploads/2012/10/Investing-in-Energy-Efficient-Renovations-Impact-on-Public-Finances.pdf>

The Renovate Europe Campaign is an initiative of EuroACE, the European Alliance of Companies for Energy Efficiency in Buildings, its headline objective is to reduce the energy demand of Europe's building stock by 80% by 2050 as compared to 2005 level.
Secretariat: c/o EuroACE, Rond Point Schuman 6 - 8th Floor, Brussels, B-1040, T: +32 2 639 1010, info@renovate-europe.eu

Letter to the National Directors of the EIB



18th July 2013

Mr Pedro Machado
Director of the EIB

Subject: EIB Energy Lending Criteria – Energy Efficiency

Dear Mr Machado,

The EIB is in the process of adopting revised criteria in the field of energy lending and is set to decide on the proposal from the Management Committee in the near future. The draft proposal contains many improvements over the previous criteria, but the proposal is still not strong enough when it comes to lending for energy efficient renovation of existing buildings – the highest impact opportunity of all energy efficient measures because of its multiple benefits such as reducing greenhouse gas emissions, improving productivity, making renewable energy more affordable by reducing demand and improving energy security. Energy efficient renovations will also create millions of jobs.

I write to you on behalf of the Renovate Europe Campaign¹ and its 23 partner companies and associations. We are working to create the conditions in which it will be possible to reduce the energy demand of the existing EU building stock by 80% by 2050 as compared to 2005 levels. Our ambition is fully in line with the European Commission's Energy Roadmap. Renovate Europe welcomes that the proposed revised Energy Lending Criteria establishes more detailed selection criteria that will help recognise the potential contribution of energy efficiency, especially in the buildings sector.

However, the proposed criteria fall short in several important ways:

1. The revised Energy Lending Criteria should clearly state that lending for energy efficiency projects will be the number one priority of the EIB, thus aligning EIB Policy with over-arching EU Energy Policies
2. The proposed revised Energy Lending Criteria refers to the DEEP Green suite of products and support measures without giving any detail on what these will be. For the energy efficiency sector, knowing what will be included here is needed in order to assist in forward-planning. Whilst we understand that the Energy Lending Criteria cannot afford to be too specific, it will be necessary to develop a set of criteria which the EIB's intermediaries or aggregators can apply on the ground. Renovate Europe is currently working with financial institutions and banks to address these issues in energy efficient renovation projects and is ready to share experiences with the EIB
3. The revised Energy Lending Criteria recognises that for the buildings sector, it will be necessary to ensure that renovations capture the full energy efficiency potential available, but a 35% savings potential threshold is too low (footnote 42) as this significantly under-estimates the 80% savings potential that is available in the buildings sector. Renovate Europe is concerned that of the €60 billion investment needed per year to realise the economic energy efficiency potential of buildings (point 82 of the proposed policy), appropriate funds must be ear-marked for energy efficient renovation of the EU existing building stock, 90% of which will still be standing and occupied in 2050. Such ear-marking should also support Member

¹ See www.renovate-europe.eu

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A second main communication action was the letter sent to the national Directors of the EIB.

A letter was sent to each national Director of the EIB to remind them of the need to flesh out the revised **Energy Lending Criteria** on energy efficiency of buildings.

« ... [Renovate Europe] proposes that the section of the new Energy Lending Criteria that relates to energy efficiency is further strengthened so as to ensure that the expenditure by the EIB demonstrably and sustainably contributes to enhanced job creation and prosperity in the coming period and that the lending policy reflects the true value of investing in energy efficiency of buildings. »

Download the letter to the EIB

[HERE](#)

All actions on www.renovate-europe.eu

Renovate Europe in the Websphere



#REDay2013
@RenovateEurope
#euopendays

RENOVATE Europe has developed its Twitter account to promote good communication tools and messages seen on the Web.

Follow us and stay tuned about Energy Efficiency in Buildings and Energy Efficient Renovations. Follow us [HERE](#)

448 Followers! JOIN US: @Renovate Europe



REDay2013 is also officially part of the Lithuanian Presidency Calendar!