



What's happening in Interreg Europe?

Projects and Policy Learning Platform

Simon Hunkin
Thematic Expert –
Low-carbon economy



**Interreg
Europe**



European Union | European Regional Development Fund



Aim

- Present the low-carbon economy theme
- Focus in on the projects under the energy efficiency strand
- Show what the PLP has done, is doing and will do for energy efficiency projects



Low-carbon economy

Investment Priority 4(e):

Promoting low-carbon strategies for all types of territories, in particular for urban areas, including the promotion of sustainable multi-modal urban mobility and mitigation relevant adaptation measures.

Specific Objective 3.1:

Improve the implementation of regional development policies and programmes, in particular programmes for Investment for Growth and Jobs and, where relevant, European Territorial Cooperation programmes, addressing the transition to a low-carbon economy.



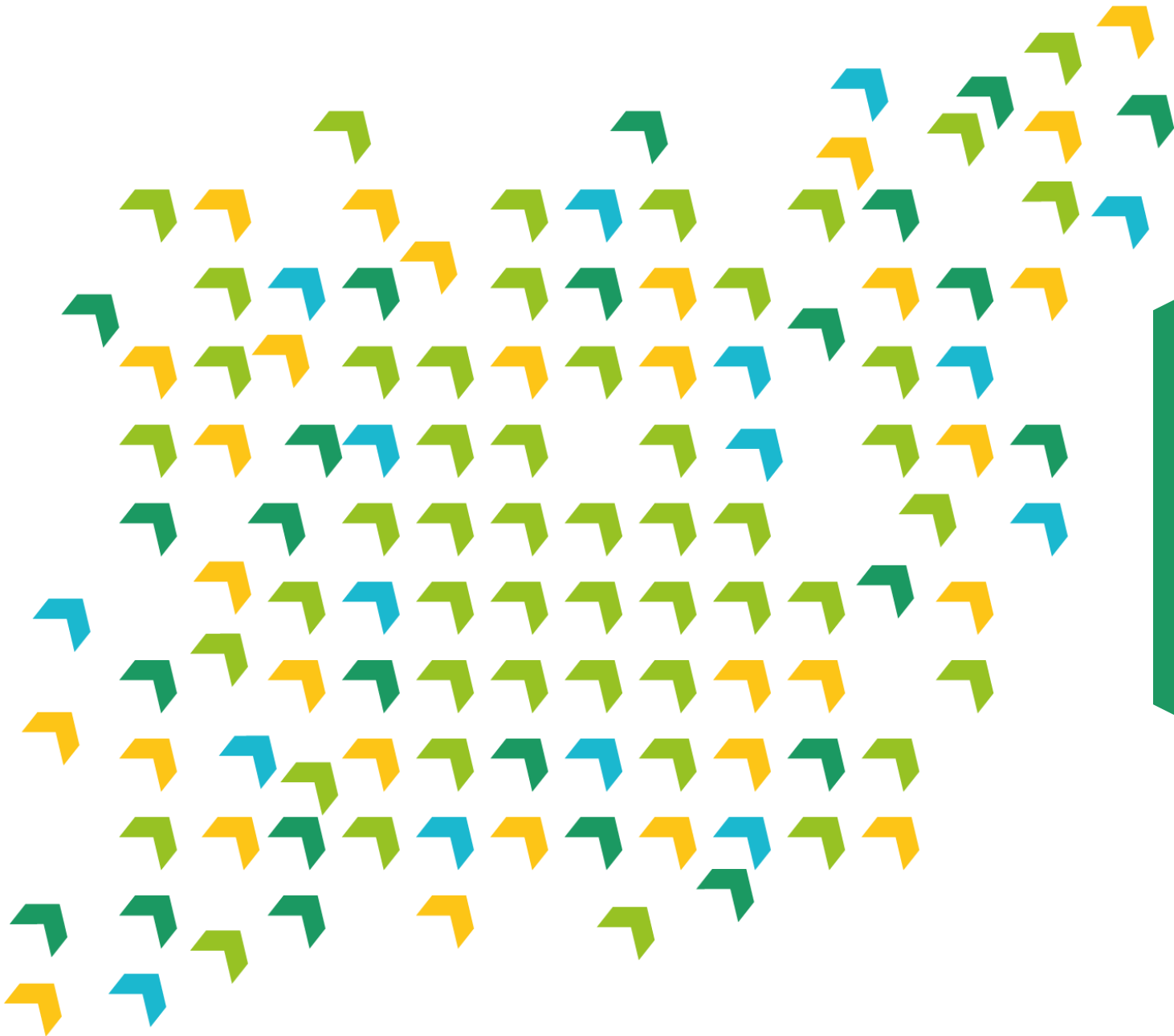
41 ongoing projects



18
on smart and sustainable mobility

8
on integration of renewables

15
on energy efficiency in buildings



EEB
projects



15 energy efficiency projects



Policy instruments include 88 **Operational Programmes for Structural Funds**



1st & 2nd Call – 12 projects

BUILD2LC
Interreg Europe

REBUS
Interreg Europe

SUPPORT
Interreg Europe

CLEAN
Interreg Europe

FINERPOL
Interreg Europe

MOLOC
Interreg Europe

ZEROCO2
Interreg Europe

SET-UP
Interreg Europe

VIOLET
Interreg Europe

LOCARBO
Interreg Europe

Social Green
Interreg Europe

EMPOWER
Interreg Europe





Who's here?





First Call



Boosting low-carbon innovative building rehabilitation in European regions

Aim: To increase energy renovation of buildings and pave way to new standard of nZEBs

www.interregeurope.eu/build2lc



Financial instruments for energy renovation policies

Aim: Promote new policies, or improve existing policies, for creating funding instruments, especially financial instruments for energy efficiency

www.interregeurope.eu/finerpol



Novel roles of regional and local authorities in supporting energy consumers' behaviour change towards a low carbon economy

Aim: Improve policy instruments targeting demand-driven initiatives

www.interregeurope.eu/locarbo



First Call



Renovation for energy efficient buildings

Aim: Improve capacity of public authorities to undertake renovation works

www.interregeurope.eu/rebus



Smart energy transition to upgrade energy performance

Aim: Improve energy performance of regions through enhanced policies on smart grids, including energy management tools and consumer behaviour change

www.interregeurope.eu/set-up



Regional policies towards greening the social housing sector

Aim: Improve regional policies targeting link between social housing and fuel poverty

www.interregeurope.eu/socialgreen



Promotion of near zero CO2 emission buildings due to energy use

Aim: Define NZCO2EBs, explore technology combinations and define policy-instruments for support

www.interregeurope.eu/zeroco2



Second Call



Technologies and open innovation for low-carbon regions

Aim: Focus on policy-instruments that stimulate effective engagement between public authorities and building owners, and research centres and companies

www.interregeurope.eu/clean



Low carbon urban morphologies

Aim: To collectively design and test innovative ways of achieving low carbon cities

www.interregeurope.eu/moloc



More carbon reduction by dynamically monitoring energy efficiency

Aim: Support new projects that apply cost-effective energy monitoring to reduce energy demand

www.interregeurope.eu/empower



Second Call



Support local governments in low carbon strategies

Aim: Improve co-ordination and performance of policy instruments to implement sustainable energy action plans by reducing the implementation gap

www.interregeurope.eu/support



Preserve traditional buildings through energy reduction

Aim: Create a building culture that is sympathetic to modern requirements improved energy usage without endangering architectural heritage

www.interregeurope.eu/violet



Third Call...started 1 June



Supporting energy efficiency and renewable energy in European islands and remote regions

Aim: Overcome challenges of remote regions, supporting businesses to be more energy efficient

Lead Partner: Vice-Ministry of Industry and Energy, Canarias
www.interregeurope.eu/resor



More Carbon Reduction through Intense Community Engagement

Aim: Reduce emissions by empowering local communities; community engagement, social platforms, capacity building, behavioural change

Lead partner: Local Energy Management Agency of Almada, Portugal
www.interregeurope.eu/intensify



Sustainable Metropolitan Areas and the Role of The Edge City

Aim: Address the potential for GHG reductions in smaller cities in metropolitan areas; industrial parks

Lead partner: Akershus County Council, Norway
www.interregeurope.eu/smartedge

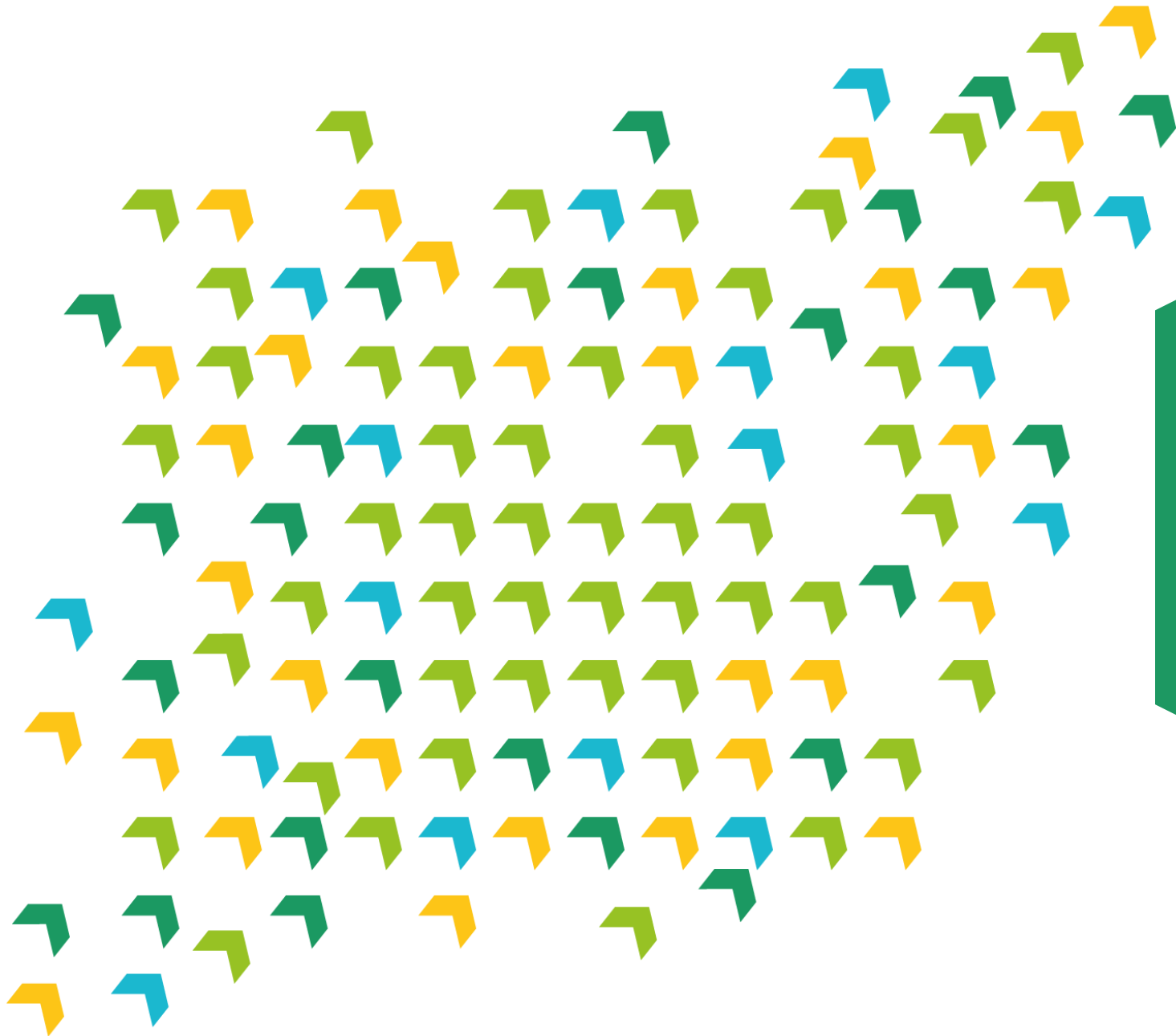
Key Words





Key Trends

Finance	Grant funding often very inefficient, sometimes difficult to manage. Movement from grant funding to loans and repayable grants. Novel instruments like revolving funds and ESCOs being developed. Involvement of financial intermediaries with more experience of managing funds than regional authorities.
Governance	Strengthening enabling frameworks, strategies and targets. Longer term perspectives. Greater recognition of institutional factors such as co-ordination amongst government departments. More focus on monitoring performance and correcting when off-track.
Energy management	Importance of monitoring and data recognised more. Simple tools available for monitoring and measuring of individual homes, some larger systems available, but expensive. Challenge is to apply to mid-sized buildings and businesses.
Behavioural change	Engaging inhabitants and users of public buildings, in particular school programmes and public housing, some movement towards engaging homeowners and businesses in newer projects.



Policy Learning Platform



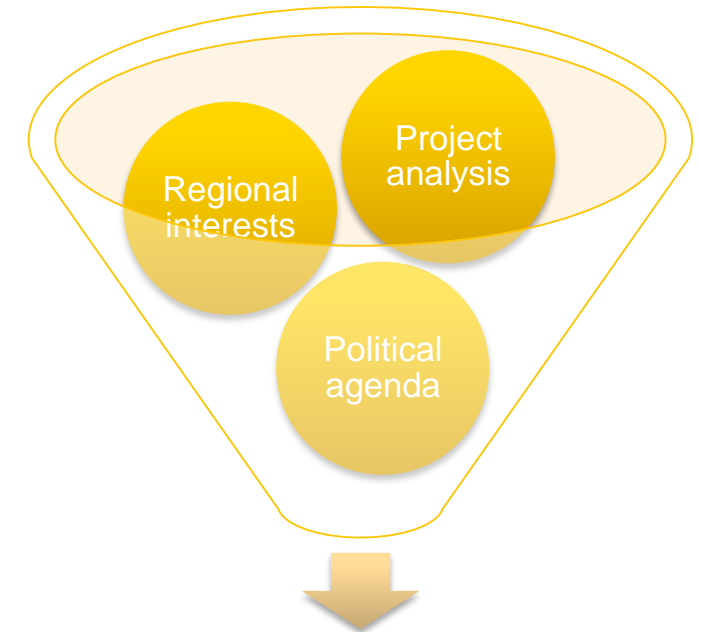
Maximising impact of projects

Project Analysis: What are the projects doing?
What do the projects need?

- **Project application forms, project reporting, interviews with lead partners**
- **Monitor publications on project websites**
- **But don't wait! Be pro-active!**

PLP/JS assessment:

- **What is interesting for other regions outside of the projects?**
- **What is most politically important?**
- **Do we have a balance between thematic areas?**



Policy Learning Platform Topics

Policy briefs

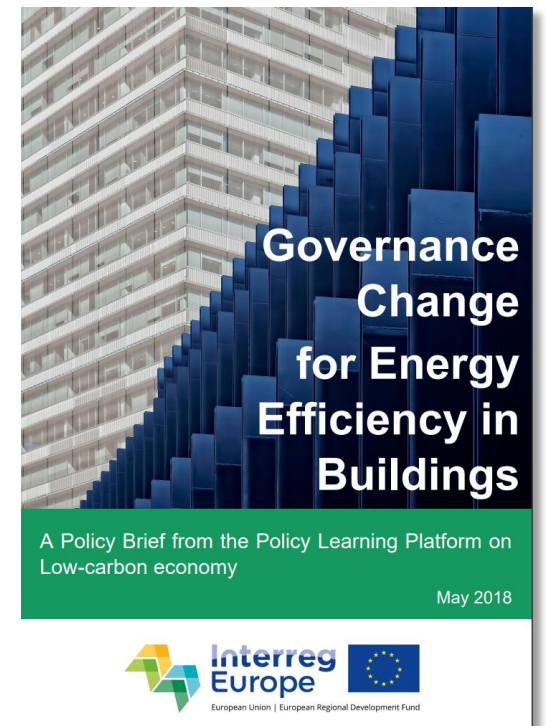
The most recent analysis of the Interreg Europe projects and their topics

Every 1-2 months

- May: Governance change for energy efficiency in buildings (published)
- June: Demand responsive transport (this week)

Proposal:

- July: Community owned & run energy
- September: Multimodal urban transport
- October: Financial instruments for energy efficiency

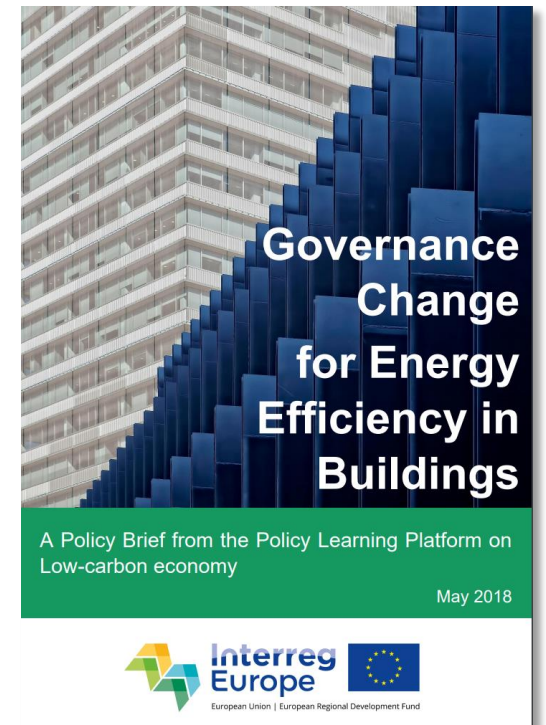


Governance Change

Energy efficiency governance: legislative frameworks (strategies and targets), institutional arrangements, co-ordination mechanisms, measuring and correcting

Contents

- Defining energy efficiency governance
- European frameworks
- Challenges at a regional level
- European support
- Interreg Europe project achievements
- Recommendations for regional policy-makers



Featured projects

Featuring: REBUS, CLEAN, LOCARBO, ZERO CO2


Policy Learning Platform on Low-carbon economy



Policy Learning Platform on Low-carbon economy

European regions sharing their good practices

Interreg projects have identified practices from regions in Europe for overcoming governance barriers.



CLEAN
Interreg Europe

ISO 50001 Energy Management System Implementation in Donegal

ISO 50001 enables organisations to use energy more efficiently through a management system, which involves developing an energy policy, designing action plans. The County Council of Donegal (Ireland) was the first in Europe to establish an energy management system to ISO 50001 standard for establishing energy efficiency in public buildings. Energy indicators and an action plan were used to monitor the fuel efficiency of public buildings. Energy indicators and an action plan were used to monitor the fuel efficiency of public buildings. Energy indicators and an action plan were used to monitor the fuel efficiency of public buildings.

<https://www.interreg.europa.eu/interreg>

Policy brief: Governance Change for Energy Efficiency in Buildings



ZERO CO2
Interreg Europe

Sustainable Municipalities in South-West Finland

In South Ostrobothnia, Finland, a group of eight municipalities decided to work together on climate and energy issues. Their collaboration began with the guidance of Thermopolis, the region's Energy Agency. Within a year they agreed on a common Climate Strategy document, which was adopted by all municipalities. The drafting of the joint Climate Strategy and its implementation were funded by the ERDF. After this initial funding, each municipality established energy efficiency teams, bringing together staff from different departments to plan and implement energy efficiency actions. The municipalities shared their experiences, arranged joint visits to inspiring regions in Finland, and shared experiences of new actions and policies that they could learn from each other. By working together to make energy efficiency a priority for all staff, the municipalities were able to increase the impact of their strategies, and by 2017, five municipalities with a joint population of over 100,000 were still working together, and had achieved more than EUR 400,000 in energy savings.

<https://www.interreg.europa.eu/interreg>

Improving governance and awareness does not need to be a complex process, but as these practices show, it can be hugely effective. Sharing best practices, jointly developing strategies and visualising change are often the key to successful transformation to a low-carbon economy.

Policy brief: Governance Change for Energy Efficiency in Buildings



Policy Learning Platform on Low-carbon economy




LOCARBO
Interreg Europe

Hungary's Virtual Power Plant


Energy Efficiency is sometimes referred to as the 'first fuel' of Europe – a source of energy which is less expensive and complex than investing in new capacity. But energy efficiency is intangible and often political awareness is low. The Hungarian Virtual Power Plant Programme aims to collect, visualise and make tangible the invisible benefits of energy efficiency investments and help shape policy and funding decisions. The programme, run by the Hungarian Innovation and Efficiency Non-profit Ltd, used ERDF funding to interview and audit companies, thus highlighting energy efficiency potentials, and collected good practices in a 'motivational pipeline', giving companies ideas on how to achieve savings. Companies can apply for three different energy certificates – Energy Conscious, Energy Efficient, or Energy Mentor Company – based on their activities and energy savings. The Programme is self-funded through procedural fees from companies. The Virtual Power Plant displays total energy savings as a fossil fuel primer of an actual power plant, collecting enough energy savings to offset the electricity production of a 200MW power plant, making it the seventh largest power plant in Hungary. Through the LOCARBO project, the Virtual Power Plant concept will be taken up in both the United Kingdom and Sweden.

<https://www.interreg.europa.eu/interreg>



Policy brief: Governance Change for Energy Efficiency in Buildings


6



Governance Change for Energy Efficiency in Buildings

A Policy Brief from the Policy Learning Platform on Low-carbon economy

May 2018



Interreg Europe
European Union | European Regional Development Fund

Events

Small online discussions for project partners on a specific theme

Two-three per year. 2018:

- 1) Demand-responsive transport (12 June)
- 2) Energy topic – scope TBD

In-person events. 2018:

- 1) Workshop on energy efficient buildings (...today)
- 2) Mobility (TBD)

Policy Learning Platform



Demand responsive transport as a 'last mile' mobility solution

Webinar, Tuesday 12 June 2018, 14:30-15:30

This interactive webinar will allow participants to submit questions to speakers and to help validate a new policy brief developed by the Low Carbon Economy Thematic Experts.



14:30-14:35	Welcome and introduction Katharina Krell and Simon Hunkin Thematic Experts – Low-carbon economy
14:35-14:50	Policy Brief on demand responsive transport Simon Hunkin Thematic Expert – Low-carbon economy
14:50-15:05	Demand responsive transport: state-of-the-art, main framework conditions and barriers Environment Agency Austria, LAST MILE project, Agnes Kurzweil
15:05-15:10	Good practice: Demand-responsive transport service for persons with disabilities Ljubljana Public Transport, REGIO-MOB project, Gregor Cunder
15:10-15:15	Good practice: Tele-Bus: on-demand "many to many" public transport Krakow City, REGIO-MOB project, Maciej Maderak
15:15-15:30	Interactive session Validation of Policy Brief and vote on top 5 recommendations Q&A from previous presentations and discussion

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Articles

Updates on news and initiatives at the European level

Featured content on project achievements and good practices

 Low-carbon economy ✕

Sustainable municipalities: more than the sum of their parts



what are you doing?
Collecting solar energy

A problem shared is a problem halved, so the saying goes. But how about if you share the problem with seven others?

The New Energy Performance of Buildings Directive



New Europe-wide legislation to improve the energy efficiency of buildings and encourage building renovation has been approved by the EU institutions.

The Renewables Networking Platform: Connecting policy makers to shape Europe's energy future



Europe aims to lead the world in renewable energy deployment, but for this ambition to be realised policy makers need to be pulling in the same direction.



How can we help you?

Later today we'll come back to ask how the Interreg Europe Policy Learning Platform can help you. Think about ...

- Policy brief topics
- Thematic workshops
- Online discussions
- News articles & updates



Don't wait! Be proactive!

If you have something you consider especially important or interesting that you need help promoting, or that you think could be useful for other regions, let us know!

Contact us:

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Thank you!

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