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Addressing the non-financial barriers - making energy efficiency finance work

C4E Forum

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ENERGIE- UND KLIMAFONDS

EKF-MILLIARDEN BLEIBEN UNGENUTZT LIEGEN

POLITIK

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Three questions on non-financial barriers to energy efficiency

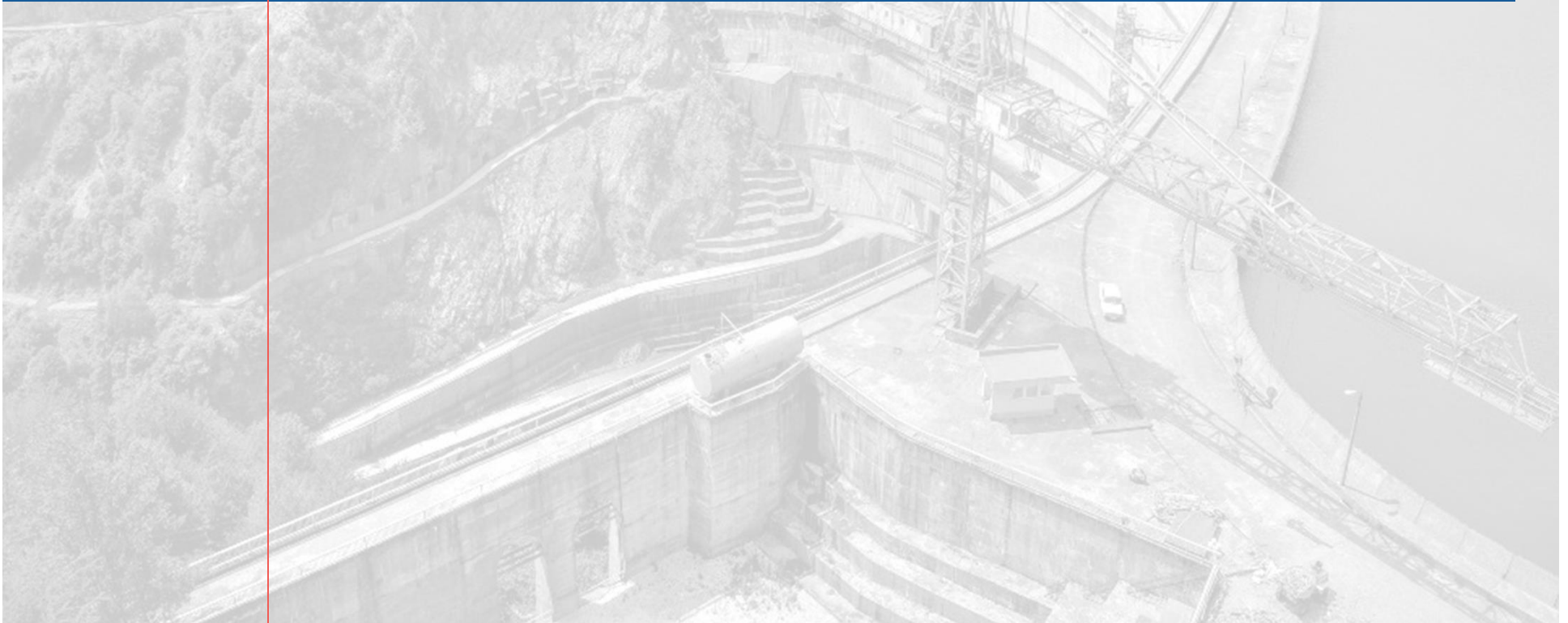


Why do energy efficiency finance instruments fail?

What are non-financial barriers?

What role for policy?

1 Why do energy efficiency finance instruments fail?



Example of the Green Deal

“The Green Deal will be a revolution. The most ambitious energy-saving plan ever put forward. A once-and-for-all retrofit that will make every home in Britain ready for a low-carbon future.”



Chris Huhne, Secretary of State for Energy and Climate Change, 2010-12

**HATE RISING
ENERGY COSTS?**

GREEN DEAL WITH IT.



The Green Deal, set up by Government, is a new way to pay for home improvements like insulation, double glazing or a new boiler. It lets you pay for some or all of the improvements over time through your electricity bill. Repayments will be no more than what a typical household should save in energy costs.

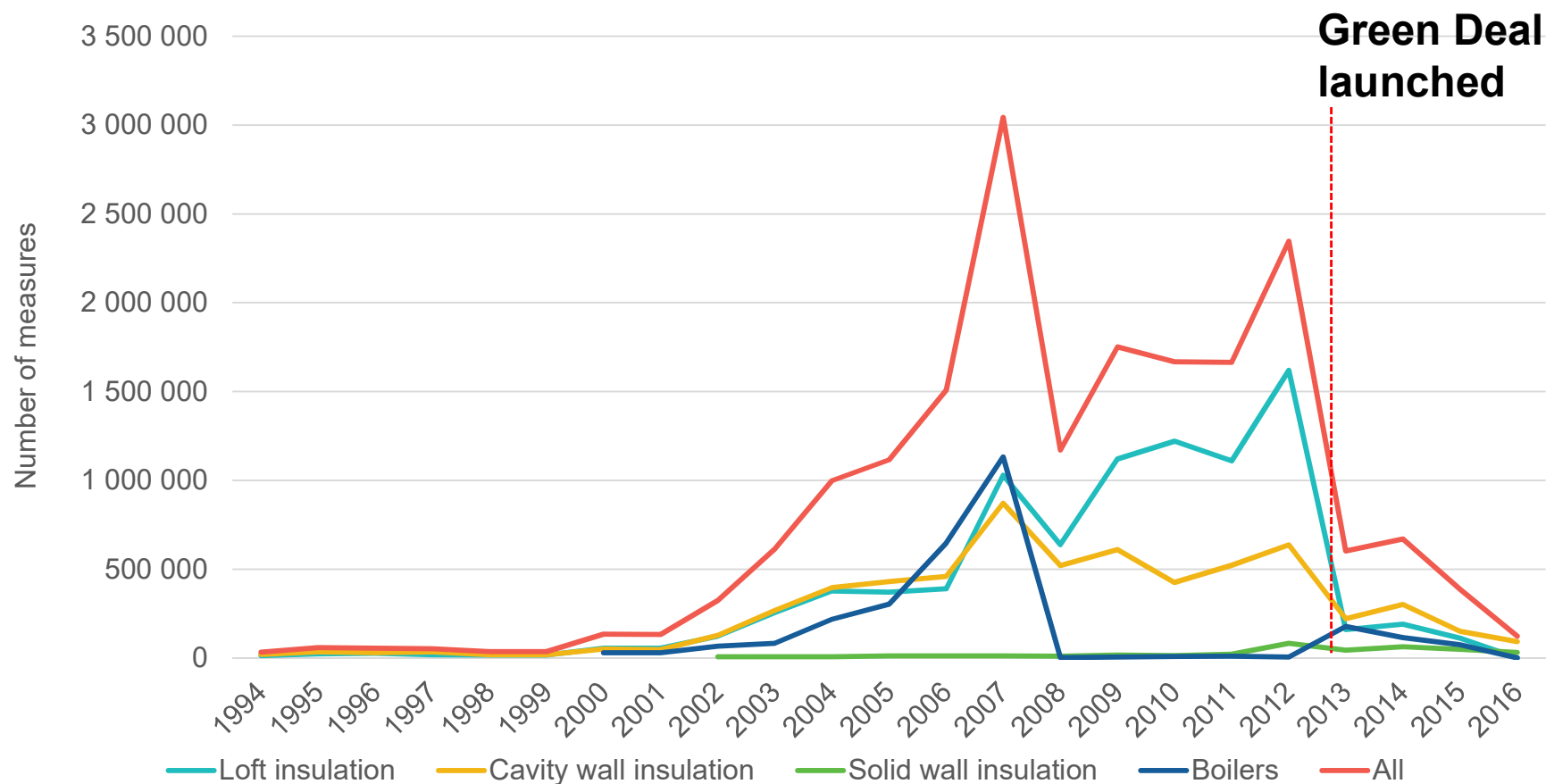
**Find out more at
gov.uk/greendeal
or call 0300 123 1234**

**UP TO
£1020*
CASHBACK**
(plus funds 100%)



*Based on installing solid wall insulation, loft insulation and a new boiler under the Green Deal. The Green Deal is not available in Northern Ireland. A different cashback scheme operates in Scotland. Full details available at gov.uk/greendeal.

Example of the Green Deal



Sources: BEIS 2017b; Committee on Climate Change 2013, 2017; Lees 2006, 2008; Ofgem 2003, 2005, 2008)

A post-mortem of the Green Deal reveals non-financial barriers played major part in its failure

Energy Research & Social Science 21 (2016) 141–144



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Energy Research & Social Science

journal homepage: www.elsevier.com/locate/erss

Short communication

A post mortem of the Green Deal: Austerity, energy efficiency, and failure in British energy policy

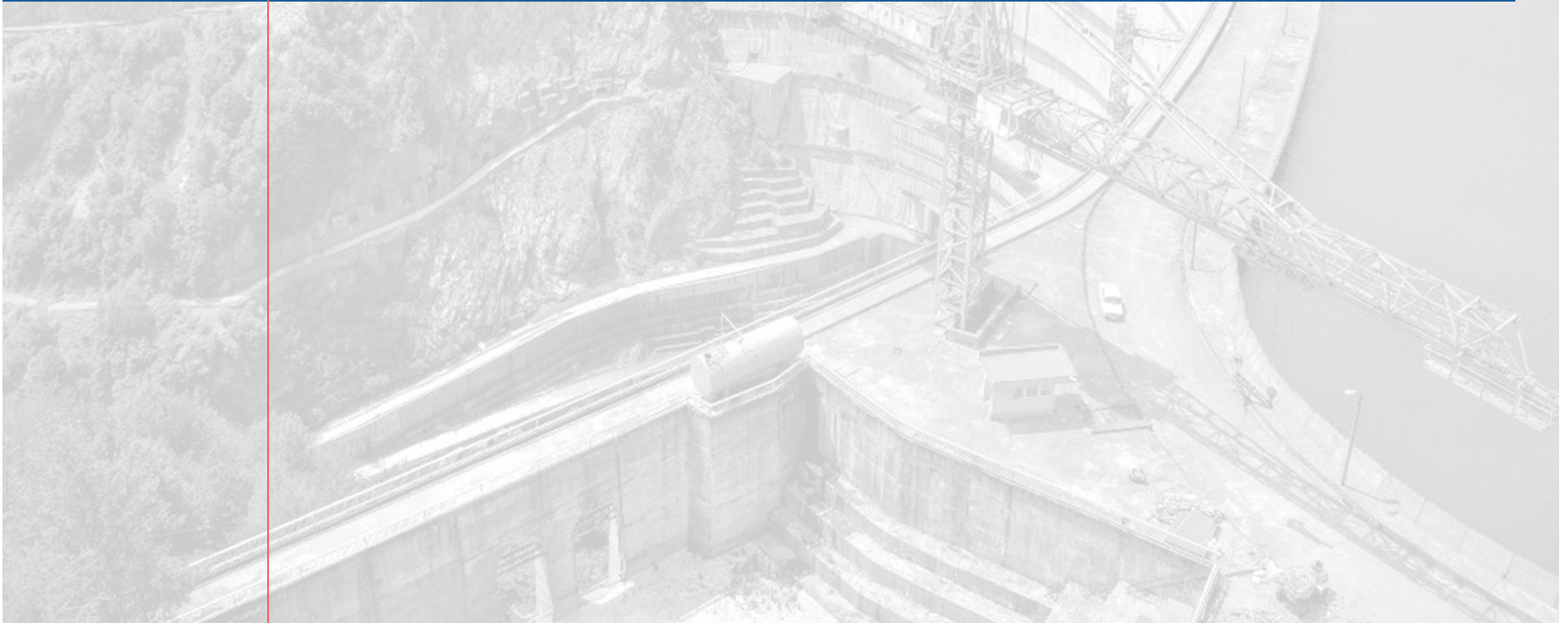
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What are the non-financial barriers?











RESIDENTIAL LEASE AGREEMENT

Date:

- Date: _____
1. **PARTIES.** This Lease is between you, the tenants(s) (list all people signing the Lease):

("Owner")

(“Tenant”) and us, the owner(s): _____

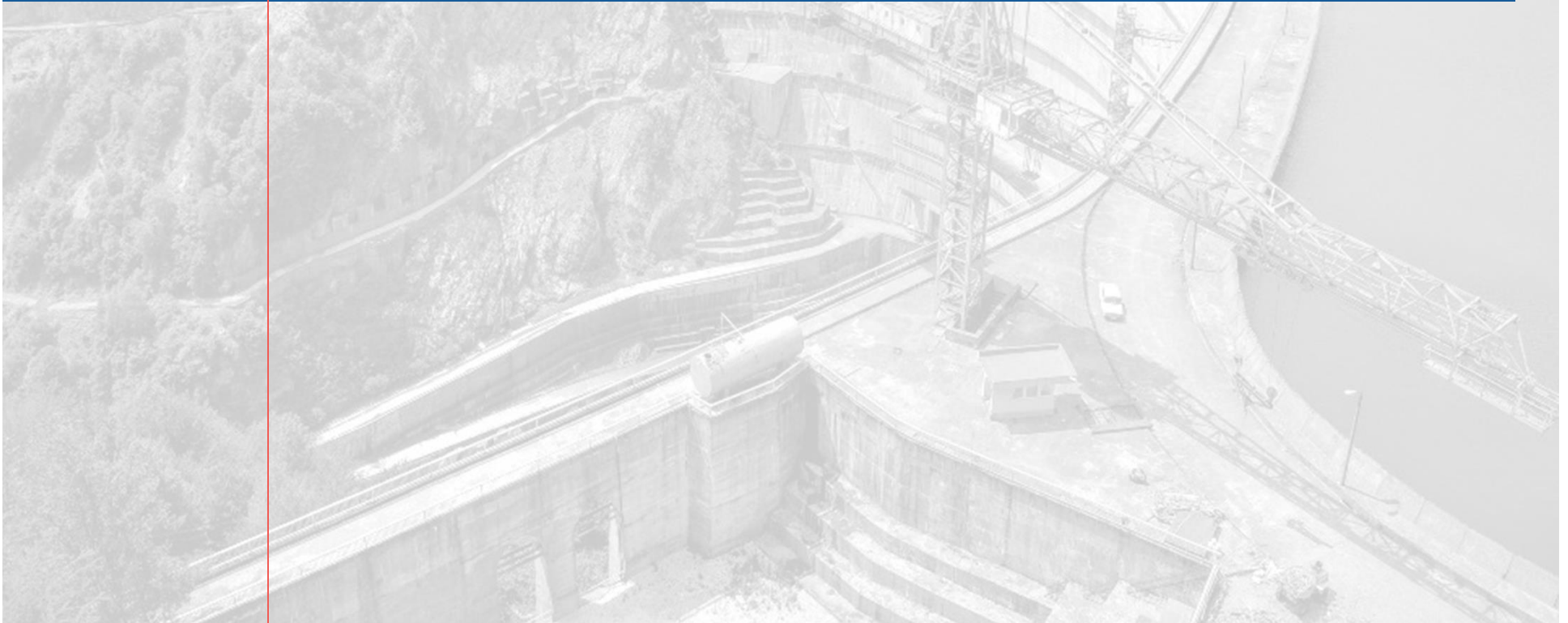
Tenant agrees to lease any grounds, garage or other improvements of the duplex located at: _____
use as a private dwelling. The term “Tenant” refers to all residents listed previously in this paragraph
event of a sole resident’s death. If anyone else has guaranteed performance of this Lease Contract,
each guarantor must be executed.

_____ unit will be occupied by tenant and (list all other occupants not signing the lease)

2. **OCCUPANTS.** The unit will be occupied by tenant and (list all other occupants not signing the




3 How should policy respond?




One stop shop – example from NZ

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EECA
energywise™
THE POWER TO CHOOSE

 [At home](#) [On the road](#) [Home office](#) [Energy labels](#) [Funding & support](#)

Being more energy efficient is all about choices.

This site is full of practical information, advice and tools to help you make those choices at home and on the road.

Tools and calculators

Select

Insulation funding

Information on funding for insulation and the providers in your area.

Tips for lowering your energy bill

Simple things you can do to save money.

Energy efficient lighting

Choosing the right bulb.





Accreditation similar to Energiesprong and renewable energy installers

Approved Installer



Microgeneration
Certification Scheme

Energie
Sprong

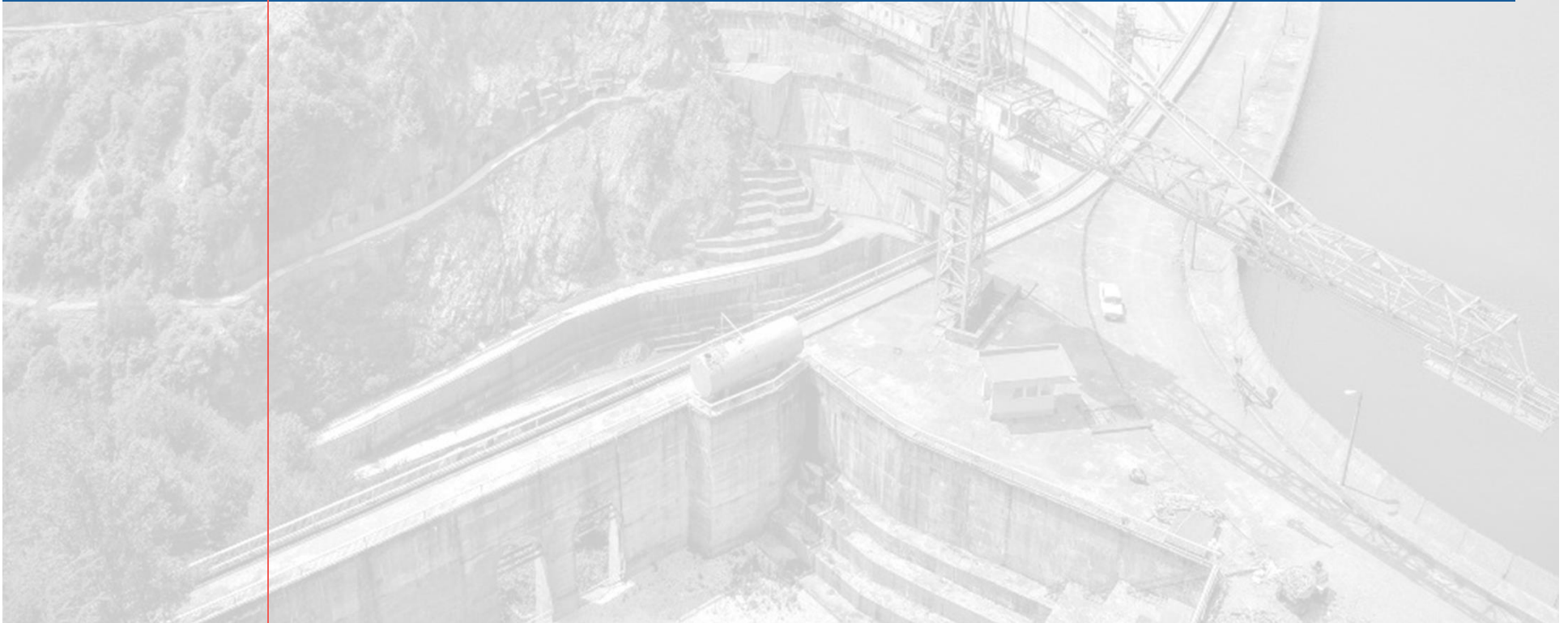
Tax reform to embed EE in long-term investment cycles

Example: property transfer tax

Value of the property	€300,000		
Current PTT of 4 %	€12,000	€12,000	€12,000
Energy performance (Energy Performance Certificate rating and kWh/m ²)	A (40 kWh/m ²)	D (100 kWh/m ²)	G (200 kWh/m ²)
Change in PTT	-60	0 %	+60 %
PTT after adjustment	€4,800	€12,000	€19,200

Source: Jahn and Rosenow 2017

Conclusions



Conclusions



Even with good intentions EE policies can fail



Non-financial barriers remain pertinent



Policy needs to be designed to address all barriers



About RAP

The Regulatory Assistance Project (RAP)[®] is an independent, non-partisan, non-governmental organization dedicated to accelerating the transition to a clean, reliable, and efficient energy future.

Learn more about our work at raponline.org



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