



Waking a sleeping giant

Improving energy efficiency in social housing



Patrick Lambert, Director, EACI
Energy efficiency in social housing:
EU tools to unlock the potential
Brussels, 9 December 2008

Who are we?



<http://ec.europa.eu/eaci>



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What do we do?



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Energy efficiency: the EU changed gear



- Need to deliver the EU's ambitious 20% target
- Energy efficiency in social housing – the opportunity for a “triple win”
- Concrete solutions and rapid progress are needed now



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However...



Stefan Oehler, Architect

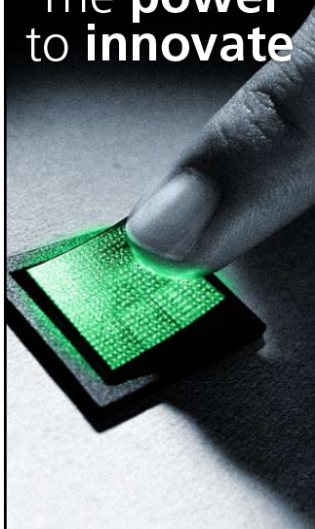
„The main problem is the lack of information. [...] Builders are often unaware of the recent technical possibilities and keep building the way their fathers and grandfathers did.”



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The **power**
to **innovate**



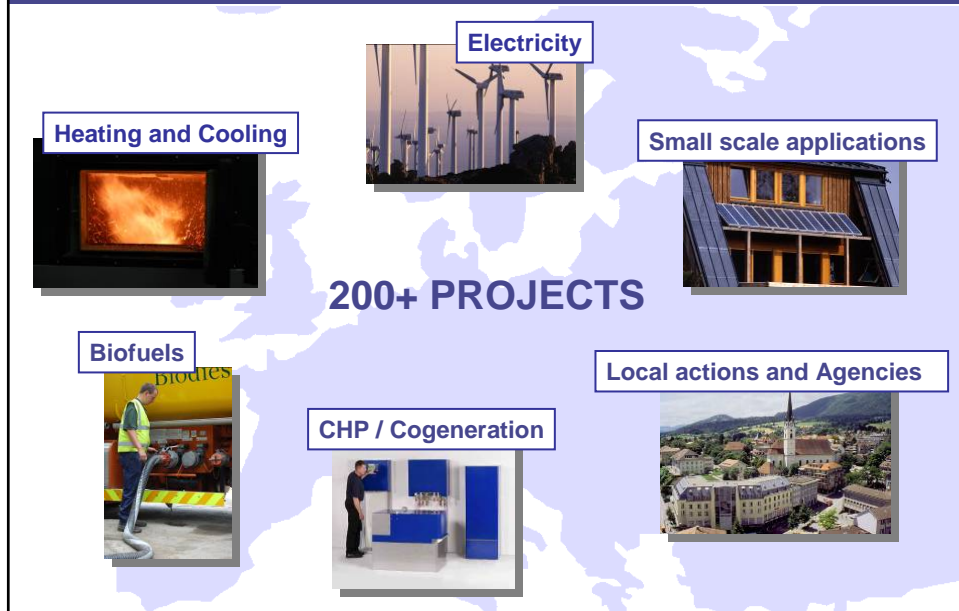
- Encourages energy efficiency and the wider uptake of renewables
- Helps spread proven technology, workable methods and know-how
- Budget 2007-13: €730 million
- 400 projects to date
- Next chance to apply for funding in early 2009

<http://ec.europa.eu/intelligentenergy>



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Renewable energy projects



Energy efficiency projects



Social housing projects: overview



- 21 projects
- 153 partners from 24 countries
- 20% of the partners from New Member States
- 9 project partners on average
- Average project budget €1 million €
- Total EU support: €10 million

Social housing projects: themes



- Education and training
- Awareness raising
- Better asset management
- Retrofitting solutions
- Changing regulation and institutions
- Tailoring financing schemes

The ESAM project



PARTNERS

Austrian Energy Agency, Austria
GBV, Austria
GSWB, Austria
MRA Havířov, Czech Republic
EKYL, Estonia
ARMINES, France
CSTB, France
Le Val de Loire, France
Le Tolt Angevin, France
Nassauische Heimstätte, Germany
Institut Wohnen und Umwelt, Germany
Agenzia Energia di Torino, Italy
ATC Torino, Italy

- Target group: social housing operators
- New methods and information systems for energy diagnoses, certification and renovation strategies
- Testing on selected pilot sites in 6 countries involving 20,000 apartments
- Management method already applied to a 66,000 apartment portfolio in Germany

A high return on investment



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The E-RETROFIT-KIT project



PARTNERS

Energieinstitut Vorarlberg, Austria
COWI A/S, Denmark
Housing Agency BKA, Lithuania
Energy Research Centre of the Netherlands, the Netherlands
Asociación de Investigación Industrial de Andalucía, Spain

- Webpage describing measures for typical buildings in 11 languages
- 35 measures for low energy renovation using Passivhaus technology
- Links to products, components and suppliers

Key tools for retrofitting



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The EPEE project



Let's cure
'fuel poverty'

PARTNERS

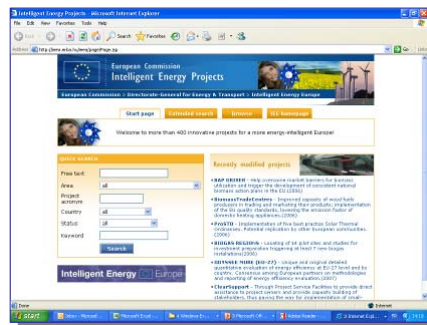
Ecoserveis, Spain
NEA, United Kingdom
Punti Energia, Italy
CLER, France
ADEME, France
CUNIC, Belgium

- 16 workshops in 5 countries identified solutions for fuel poverty
- Analysis of national fuel poverty policies to identify and spread best practice
- European and national best practice guides
- 5 local schemes to tackle fuel poverty were tested



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Taking it further: The role of the EACI



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The city of tomorrow?