

Proof of Performance: Supporting the quest for efficient and effective compliance



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What's at stake?



- **Security of supply**
Energy supply must be secure and affordable



- **Climate change**
The future has to be low-carbon



- **Financial crisis**
A relaunch of the economy is needed



European energy policy responses



20-20-20 energy objectives

Climate and energy package

Second Strategic Energy Review



Buildings: At the core of EU prosperity

- 40 % of EU energy use
- 36 % of EU CO₂ emissions
- 9% of EU GDP
- 7-8% of EU employment



- Cost-effective savings potential: **28% by 2020**
- Key EU legislation:
Energy Performance of Buildings Directive

Sharpening the Buildings Directive

- **Strengthen** the current requirements
- **Enhance** the role of the energy performance certificate
- **Stimulate market entry** of low/zero energy – low/zero carbon buildings



To give an **additional** ...

- 5 - 6 % saving of total EU energy consumption
- 5 % saving of total EU CO₂ emissions
- 280,000 – 450,000 potential new jobs

Current EPBD requirements

- **No specific provisions** requiring quality check of certificates
- **No specific requirements** on content and outcome of inspections of heating and air-conditioning systems

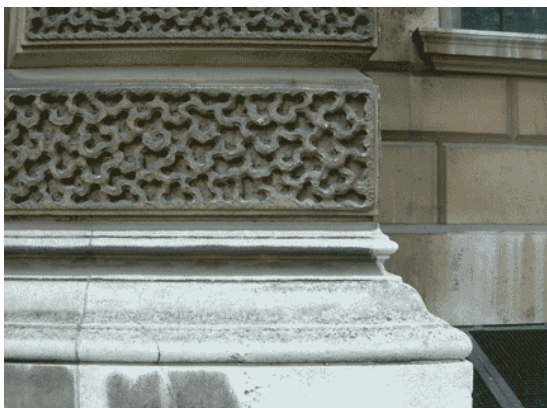


The 2008 stakeholder consultation, public consultation and impact assessment **called for effective control and enforcement:**

- to increase compliance with building regulations
- to ensure energy savings result from inspections



EPBD: Overview of EU support mechanisms



Key Elements:

- Energy Demand Management Committee
- Mandate to the Comité Européen de Normalisation (CEN)
 - ▶ 1.9 M€ EU support (1/3 from IEE)
- Concerted Action – EPBD
 - ▶ 5.3 M€ EU support
- BUILD UP Initiative
 - ▶ 3.9 M€ EU support
- Intelligent Energy Europe Projects
 - ▶ 21 actions / 13.5 M€ EU support

Budget figures: Committed support for the period 2004 – 2011 as of January 2009 (figures are rounded)



Step-by-step to energy efficient buildings

Energy Policies,
Technologies &
Practices

Intelligent Energy  Europe



70 ongoing or
recently
completed
projects
making real
changes on
the ground



IEE CONCERTED ACTION CA EPBD II



Supporting transposition and implementation of the EPBD



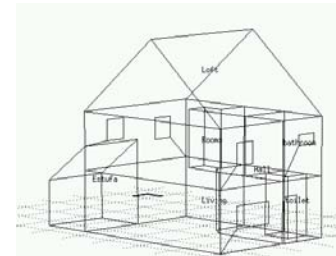
Certification



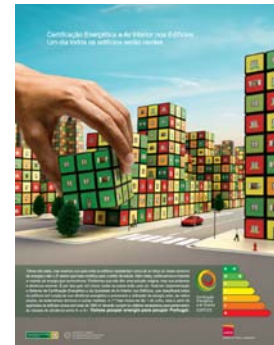
Inspections



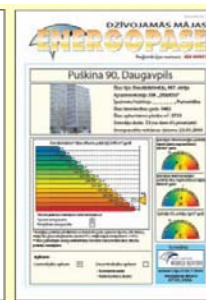
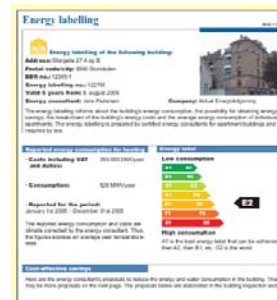
Training



Procedures



Information Campaigns



**Member States search for the best solutions together
cooperate towards harmonisation**



**Helping Europe move towards a
clean, efficient and secure
energy future ...**