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The role of the Intelligent Energy Europe programme in supporting the EPBD

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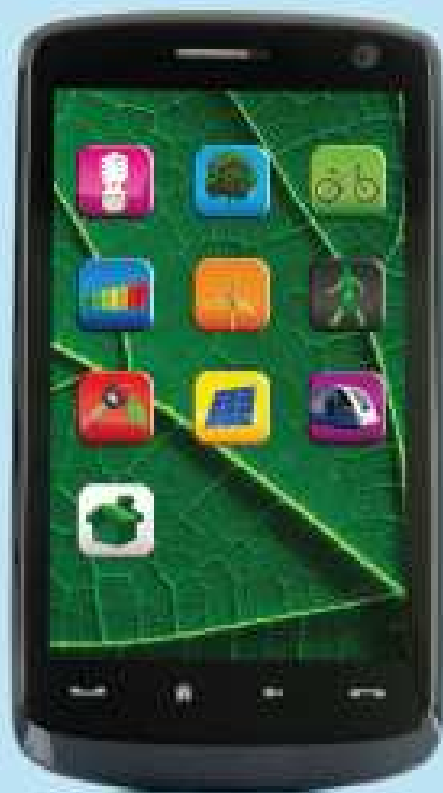
Intelligent Energy Europe in a nutshell



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IT'S YOUR CALL



www.intelligentenergy.eu

- > Encourages the uptake of proven intelligent energy solutions / practices
- > €730 million programme (2007-13)
- > Funding projects through annual calls for proposals
- > 75% funding support (grants)

Projects supported so far



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- > 500+ European projects
 - > 2-3 year duration
 - > 8-9 countries per project
- > 3000+ beneficiaries in 31 countries

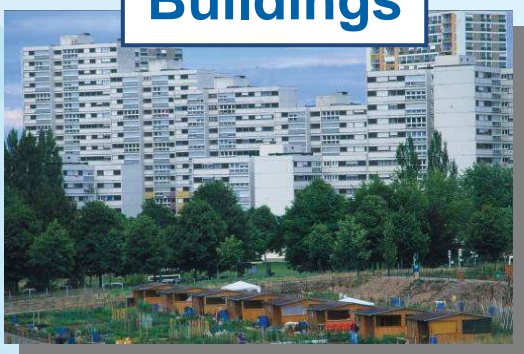
Raising energy efficiency



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Buildings



Equipment



Industry



Transport



250+ PROJECTS

Education



Communities



Energy Services



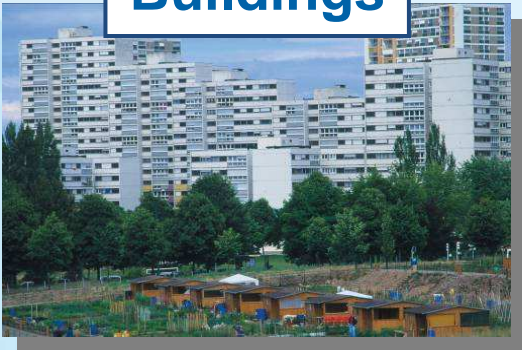
Buildings projects



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Buildings




► More than 100 projects

- > Informing stakeholders and fostering commitment
- > Creating favourable market conditions
- > Preparing the ground for investments
- > Building capacity and skills
- > Shaping policy development and implementation



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The European portal for energy efficiency in buildings

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Welcome to **BUILD UP**, the European web portal for energy efficiency in buildings. Regardless of your level of expertise, we encourage you all to share your valuable knowledge on how to cut energy consumption in buildings. Let's work together towards cleaner and greener European buildings for the future.



HIGHLIGHTED CASE 

An efficient naturally ventilated office building (Rijkswaterstaat building in The Netherlands)

The design objectives of this 1750 m² office building were to develop a sustainable and ecological building, integrated with its surroundings and providing a high level of individual control and ...

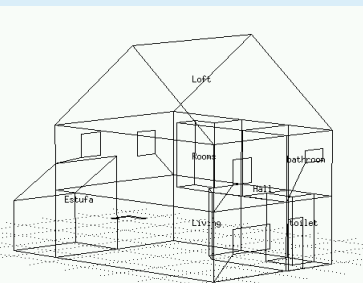
Submitted by [Olli Seppänen](#) (Federation of European Heating and Air-conditioning Associations (REHVA)) | 710 visits | Rating: 5/5



Energy Performance of Buildings Directive Community



Concerted Action on EPBD



Procedures



Certification



Qualifications



Inspections



Information
Campaigns

- > 29 National implementing bodies and EC working together
- > Exchanging solutions
- > Ensuring a consistent approach
- > Feedback to EU policy-makers
- > Runs until 2015

EPLABEL (2005-2007)



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- > Web-based energy certification tool
- > Production of Energy Performance Certificates for public buildings based on operational rating

HARMONAC (2007-2010)



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- > Harmonizing AC inspection and audit procedures in tertiary buildings
- > Ca. 400 Field Trials in 8 Member States
- > Average savings potential: 35–40%
- > Ca. 140 Energy Conservation Opportunities
- > Methodologies, Tools and a Teaching Package to assist Inspection Process
- > EU savings potential estimate = 0.7% of Primary Energy Use

IDEAL EPBD (2008-2011)



- > Project on consumer response to energy labels in buildings
- > E.g. survey on 3207 homeowners in 2010
 - > Majority of recent homebuyers (<2 years) in: DK, DE, NL, UK, FI
 - > Only 60% reported to have a certificate
 - > 50% of homeowners with a label were unaware/did not receive any recommendations
 - > Energy/water ranked nine in a list of twelve potential home buying priorities
 - > Less than half of the homeowners with an EPC were shown the EPC before they made an offer
 - > The majority (67%) with a label could recall the EE rating
 - > Homeowners with an EPC with recommendations were up to twice as likely to have carried out EE measures

Energy certificate	Building Energy Performance	As built calculated
	Space to make reference to the certification procedure used	
	Very energy efficient	
Not energy efficient		
		130 kWh/m ² .a
	Space to include additional information on the indicator and building energy use	
Administrative information: address of the building, conditioned area, date of validity certifier name and signature...		

Source: BRE (March 2011)

Effective policy feedback



> Projects:

- > Replicate best practices
- > Test new ideas
- > Collect real-world data
- > Get views from stakeholders

> Feed back to DG ENER

The 2011 call for proposals



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Published: 18 January 2011

Deadline for applying: 12 May 2011

Budget: € 69 million

Priority on nearly-zero energy buildings



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> encouraging integrated energy design



> publicising front runners

> increasing the conversion of the existing stock into nearly-zero energy buildings

> helping the public sector set the example

> aiming to get industry on board

BUILD UP SKILLS



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- > New initiative to train the building workforce
- > Continuing education and training of craftsmen and other on-site construction workers and system installers
- > 2011: support to the definition of National Qualification Platforms and Roadmaps
- > 2012+: support to the establishment of training schemes

Need more information?



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



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How can you take part?

- Call for proposals
- Evaluation of proposals
- Calls for tender
- Contract negotiation
- Implementing your project

2011 Call for proposals: coming soon
The next opportunity to apply for IEE funding will open in early 2011.

400 projects for a more energy intelligent Europe
Learn more about our projects, and pay a visit to the local/regional energy agencies funded by the programme.

Publications and videos
Read our News Review and project brochures, and watch the videos on IEE-supported projects.

Latest News

21 December
The first national Info Days to be held in 2011 have been confirmed.

17 December
The next IEE European info day will take place in Brussels on 18 January 2011. Unfortunately on-line registration is not possible. You may register for a secondary session and the event will be unveiled.

More information? Download the flyer in six languages: IT, E...

