



« The good, the bad and the ugly »

“Saving more energy through compliance”



Results from four IEE projects

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IEE: turning policy into action



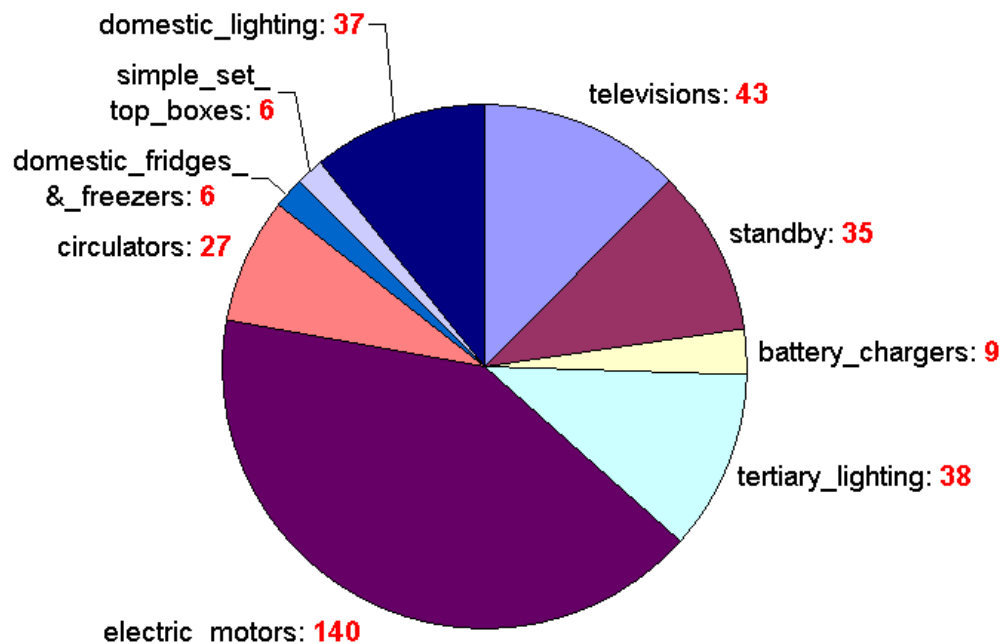
- €730 million from 2007-13
- Supports EU renewable energy and energy efficiency policies and helps reach the 2020 targets
- Encourages the uptake of proven intelligent energy solutions
- Is not a technology development programme, unlike FP7
- Works to make Europe more competitive and innovative
- Call 2010 - **349 proposals** received



- Recast of the Energy Labelling Directive (2010/30/EU)
- Labelling scheme for tyres
- New directive (2009/125/EC) to set ecodesign requirements for energy-related products
 - ▶ EuP + windows, construction products, water taps, etc.

- 9 regulations adopted so far
 - ▶ **341 TWh/year** saved by 2020
 - ▶ 12.5% of EU electr. cons.

- Measures for 2010
 - ▶ Boilers, water heaters
 - ▶ Pumps, fans, air-co
 - ▶ Computers and displays
 - ▶ Imaging equipment
 - ▶ Complex STBs



IEE projects on EE products



■ Wide range of products addressed so far

- ▶ Residential lighting, office and street lighting, IT servers, boilers, air conditioners, motor systems, pumps, circulators, elevators, escalators, distribution transformers, construction products, etc.

■ Projects result in concrete actions

- ▶ Market transformation
- ▶ Many brochures, guidelines, training/communication/press kits, articles and web tools are available to increase awareness



Energy labelling for domestic appliances



Energy labelling
for domestic
appliances
in Central and Eastern
Europe – overview
of enforcement
and promotion activities



Prepared as a part of the "CEECAP
– Implementing EU Appliance Policy in Central and Eastern Europe" project.

- Training programs for national government officials and experts, retailers and manufacturers
- Verification and Enforcement workshops and consultations
- Summary of state national compliance and government activities
- Impact: **300 GWh** per year in all participating countries



01/06-06/08



Intelligent Energy



Europe



- Should support the proper implementation of the new legislation.
- Involvement of retailers, consumers, manufacturers and Member States
 - ▶ Legislation: existing and upcoming EuP implementing measures
 - ▶ Test: collection and exchange of information on concrete tests
 - ▶ Retailer compliance: good practices within the EU, random visits to shops, etc.
 - ▶ Promotion: communication on the new energy labels with pictograms
 - ▶ Replacement: information on average age of appliances in households, summary paper on available tools: fiscal legislation, rebate programmes, incentives, etc.

12/10-05/13





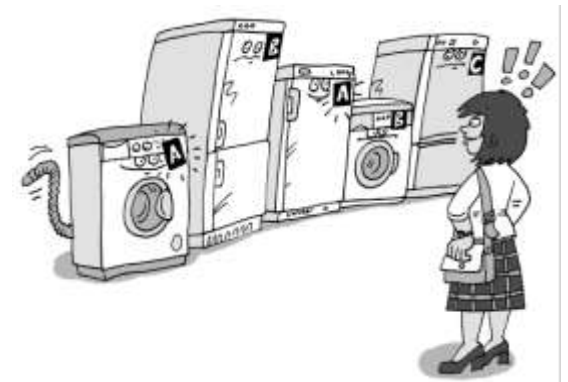
Appliance Testing for Energy Label Evaluation

■ Main objective

- ▶ To increase EU-wide implementation and control of energy labelling and eco-design implementing measures for appliances

■ Developed methodology

- ▶ pan-European testing results on household cold appliances
- ▶ detailed analysis of the non-compliance causes
- ▶ methodology for appliances verification in the EU
- ▶ promotional campaigns



06/09-05/11



SELINA

Standby and Off-Mode Energy Losses In New Appliances Measured in Shops

■ Compliance to the stand-by regulation

- ▶ 6,000 products to be measured
- ▶ Interim results: 84% consume less than 1 W while in off-mode (77% while in passive standby mode).
- ▶ Compliance with 2013 objectives is weaker: 70% of products consume less than 0.5 W when in off-mode (52% when in standby)
- ▶ Worst performers: computer speakers, stereo installations and set top boxes



Conclusions

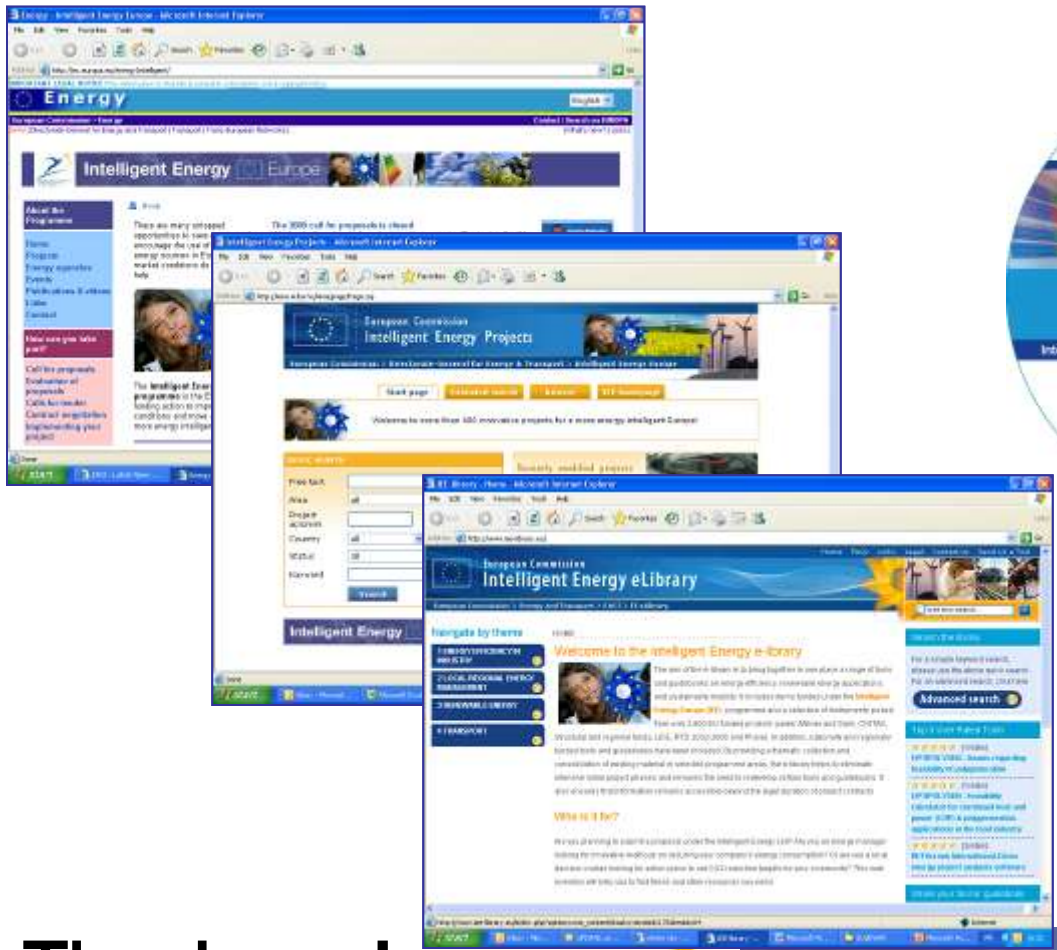
- Necessary independence of market surveillance activities
- Involvement of all relevant stakeholders - networking
- Feedback (data and results) to policy makers

- Future IEE Calls in discussion
- Need to strengthen compliance activities in IEE



More info on the IEE programme?

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



Thank you!

