



European Commission

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Directorate-General

Ecodesign Directive

First Stakeholder Meeting of
ENTR Lot 3 preparatory study on
Sound and imaging equipment

Brussels, 12 May 2009



The Ecodesign Directive

2005/32/EC

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- The Directive establishes a framework for the setting of ecodesign requirements for energy-using products.
- “Ecodesign” aims at improving the environmental performance of products throughout their life-cycle by integration of environmental aspects in the product design, in balance with technical and economic constraints.
- Framework Directive implemented through implementing measures by Commission or self-regulation measures by industry



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Adoption process of implementing measure for a product



1. Preparatory study by external consultants
2. Consultation Forum under Article 18 of the Ecodesign Directive
3. Draft proposal and impact assessment by Commission
4. Vote by Member States in Regulatory Committee, Scrutiny by the European Parliament, WTO notification
5. Adoption of Regulation by Commission, directly applicable in Member States



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Implementing measures under Ecodesign Directive

Measure	Commission adoption	Estimated savings (annual by 2020)
Standby (Ecodesign)	Adopted	35 TWh
Simple set-top boxes (Ecodesign)	Adopted	6 TWh
Street & Office lighting (Ecodesign)	Adopted	38 TWh
External power supplies (Ecodesign)	Adopted	9 TWh
Domestic Lighting (Ecodesign)	Adopted	37 TWh
Electric Motors (Ecodesign)	July 2009	140 TWh
Circulators (Ecodesign)	July 2009	27 TWh
Freezers/Refrigerators (Ecodesign & Labelling)	July 2009	6 TWh
Televisions (Ecodesign & Labelling)	July 2009	43 TWh
Washing machines (Ecodesign & Labelling)	December 2009	2 TWh
Total		343 TWh

Expected savings equal to 12,5% of the total annual EU electricity consumption



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Implementing measures under Ecodesign Directive – indicative planning for the next product groups

Planning Eco-design & Labelling measures	Public consultation	Committee vote	Adoption by College
Ecodesign and labelling of Water Heaters	Done	Before summer	Dec. 2009
Ecodesign and labelling of Boilers	Before summer	Sept. 2009	Dec 2009
Ecodesign of Electric Pumps	Done	Sept. 2009	Dec. 2009
Ecodesign of Fans	Done	Sept. 2009	Dec. 2009
Ecodesign of complex set top boxes	May 2009	Oct. 2009	Feb. 2010
Ecodesign of Imaging Equipment	June 2009	Oct. 2009	Feb. 2010
Ecodesign of Personal Computers	June 2009	Oct. 2009	Feb. 2010
Ecodesign of Air-conditioning and Ventilation	June 2009	Oct. 2009	Feb. 2010



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Indicative list of product groups of the Ecodesign Working plan (2009 – 2011)

- Large air-conditioning and ventilation systems
- Electric and fossil-fuelled heating equipment
- Food-preparing equipment
- Industrial and laboratory furnaces and ovens
- Machine tools
- Network, data processing and data storing equipment
- Large refrigerating and freezing equipment
- **Sound and imaging equipment**
- Transformers
- Water-using equipment



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Product group: Sound and imaging equipment

- **Product Examples**

DVD/video players and recorders, video projectors, gaming consoles

- High energy consumption (> 1,000 PJ/year)
- Growth market
- Other environmental impacts from electronics, displays
- High potential for energy savings (estimated average > 20%)
- Potential for other environmental improvement (e.g. extension of lifetime)
- Third country specifications indicate potential for improvement (Energy labelling, Eco-labels, Energy Star)



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Content of a Preparatory Study

Objective: Whether and Which Ecodesign Requirements for an Energy-Using Product

1. Product Definition, Test Standards, Existing Legislation
2. Economic and Market Analysis
3. User Behaviour
4. Environmental and Economic Assessment of Base-Case
5. Technical Analysis BAT and BNAT
6. Improvement Potential, including Sensitivity Analysis
7. Policy and Impact Analysis



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Thank you for your attention

Commission's Ecodesign website

[http://ec.europa.eu/enterprise/eco_design/
productgroups.htm](http://ec.europa.eu/enterprise/eco_design/productgroups.htm)

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