

Energy efficiency and ecodesign policies in the EU

State of play

European Commission
Directorate-General for Energy and Transport (TREN)

CEN/CENELEC Annual Meeting, Madrid, 1 July 2009

● Main legal EU instruments include

- Ecodesign directive 2005/32/EC: Focus of this presentation (recast proposal of July 2008, adoption in Council expected for around autumn)
- Energy labelling directive 92/75/EEC (recast proposal of November 2008, currently in co-decision)
- Energy performance of buildings directive 2002/91/EC (recast proposal of November 2008, currently in co-decision)
- End use energy efficiency and energy services directive 2006/32/EC
- Energy Star programme for office equipment

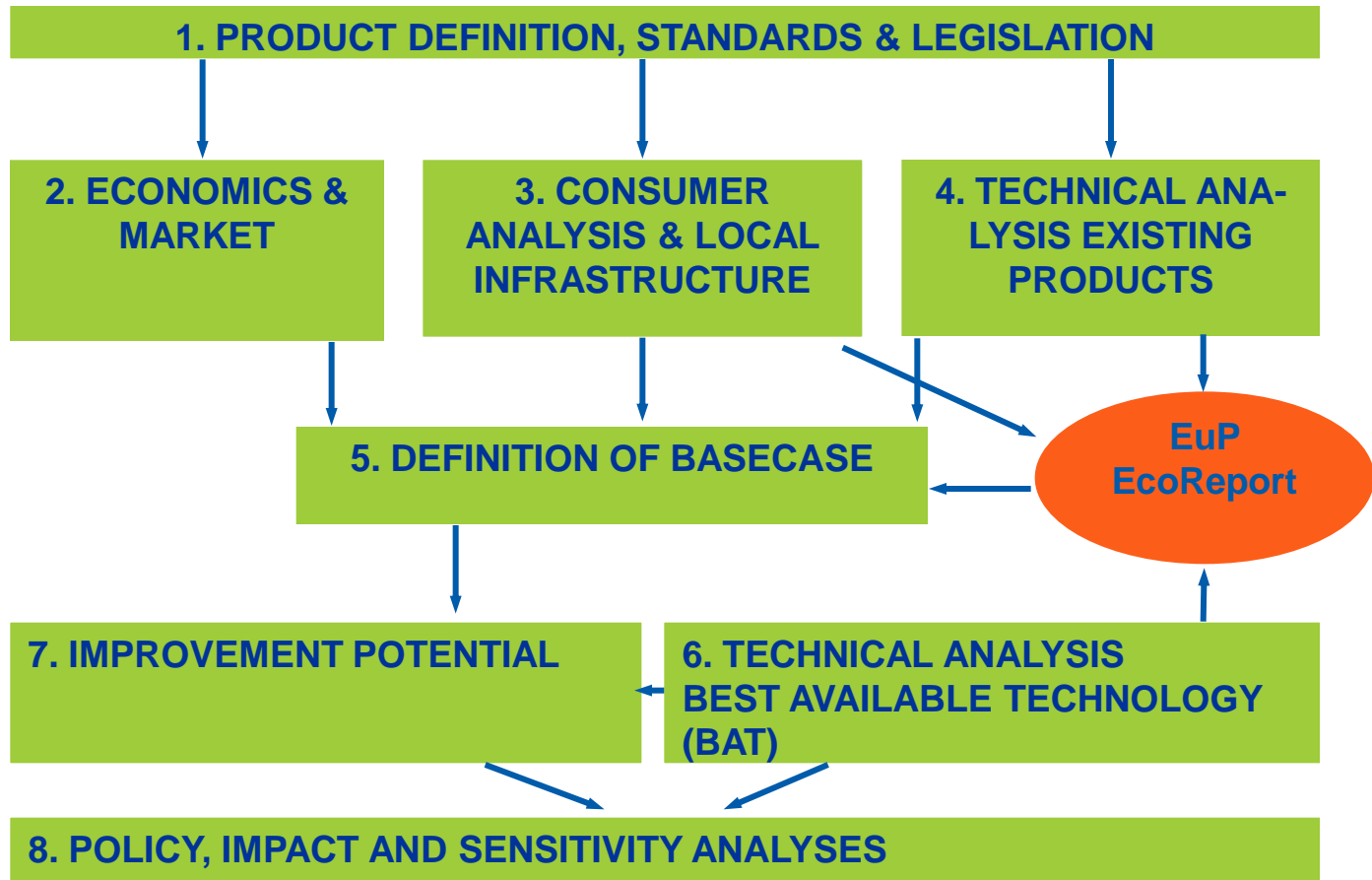
Ecodesign of Energy-Using Products (2005/32/EC)

- The EU's main legal instrument to address the environmental performance of energy-using products (except vehicles)
- all environmental aspects addressed, with focus on energy
- life-cycle approach
- requirements on the product only – influence at the design phase
- no immediate requirements – but via implementing measures

● How is the Commission setting the requirements?

- Technical, environmental, economic analysis of a certain product (“preparatory study”)
- Discussion of suggestions for requirements in the “Consultation Forum”
- Draft legislation, carry out impact assessment, WTO notification
- Vote in “Regulatory Committee” (EU Member States)
- Scrutiny by European Parliament and Council
- Adoption by Commission, regulations directly applicable in EU Member States

Preparatory study: Structure of the Methodology



● Ecodesign: current status (1)

Regulations in force:

Product	Estimated savings (annually by 2020)
Standby	35 TWh
Simple set-top boxes	6 TWh
Street & Office lighting	38 TWh
External power supplies	9 TWh
Domestic Lighting	37 TWh

Total energy savings (125 TWh) exceeds the annual household electricity consumption of Portugal, Spain and Sweden

● Ecodesign: current status (2)

- March 09: Regulatory Committee (RC) endorsed draft regulations for electric motors, circulators, TVs, household refrigerating appliances and washing machines
- June: meeting of Consultation Forum (CF) on airco (22 June) and boilers (24/25 June)

Planned:

2nd half 2009:

- » CF meetings on imaging equipment, computers, complex set top boxes
- » RC meetings on dishwashers, dedicated water heaters, pumps, fans

● Ecodesign: preparatory studies (1)

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Ongoing:

Lot 15: Solid fuel small combustion installations

Lot 16: Laundry dryers

Lot 17: Vacuum cleaners

(Lot 18: complex set top boxes – study finalised)

Lot 19: Domestic lighting

Starting end June 09:

Lot 20: Local room heating products

Lot 21: Central heating products using hot air to distribute heat

Lot 22: Domestic and commercial ovens

Lot 23: Domestic and commercial hobs and grills

Lot 24: Professional washing machines, dryers and dishwashers

Lot 25: Non-tertiary coffee machines

Lot 26: Networked standby losses of EuPs

● Ecodesign: preparatory studies (2)

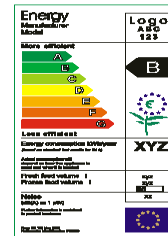
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Ongoing:

- Refrigerating and freezing equipment: cabinets, Walk-in cold rooms, Chillers, Ice makers, Ice cream and Milk-shake machines
- Sound and imaging equipment
- Transformers

Recast of the 'Energy Labelling' Directive

- Scope extended to (a) energy-using products used in the industrial and commercial sectors and (b) other energy-related products
- Possibility to implement the framework through Regulations or Decisions instead of Directives
- Possibility to set classes of efficiency under which Member States should not provide incentives or procure
- Labelling will be used for indicating, energy consumption/savings and other relevant environmental parameters of the product
- The precise modalities of the label will be defined on a product-by-product basis
- Agreement with EP is one of the priorities of Swedish presidency



● More info

DG Energy and Transport

- http://ec.europa.eu/energy/efficiency/ecodesign/eco_design_en.htm
- Email: tren-ecodesign@ec.europa.eu

DG Enterprise and Industry

- http://ec.europa.eu/enterprise/eco_design/index_en.htm
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