



Minimum performance requirements and energy labelling for appliances

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Context

- Energy Efficiency Action Plan released November 06
 - Key elements as regards energy efficiency of appliances:
 - ecodesign for energy using products - minimum performance requirements
 - Energy labelling - Market transparency, information on energy performance
- Goal: improve the energy efficiency of energy using products, while duly taking into account the other relevant environmental aspects throughout a product's life cycle





Ecodesign

- Ecodesign framework Directive 2005/32/EC: sets the general principles
- Product specific ecodesign implementing measures: minimum performance requirements for relevant environmental aspects (throughout life-cycle) of a product – including energy efficiency
- Non-complying products must not be marketed in the Community





Ecodesign: next products

- domestic lighting:
study planned to be launched in June
- solid fuel small combustion installations, vacuum cleaners, laundry dryers, domestic lighting, set top Boxes (conditional access digital TV):
currently under evaluation, studies planned to be launched in the coming months
- Study for working plan for priority products on-going, working plan to be discussed with CF second half 2007: stakeholder workshops planned, website <http://www.epta.gr/xar/index.php/eco> (including invitation to return a questionnaire by 4 June)





Ecodesign: Consultation Forum

- first meeting 22 June 2007
- tentative «agenda» points: rules of procedure, street lighting - outline of draft implementing measure; work plan study - information
- consecutive meeting planned for 4th quarter 2007, possibly including a discussion on (outline/first draft) standby implementing measure





Ecodesign: amendment of comitology

- Currently: discussions on amendment of comitology procedure foreseen for EuP implementing measures on-going in EP and Council
- Commission proposal: Directives 92/42, 96/57 and 2005/55 subject to regulatory procedure with scrutiny (cf. Council Decision 2006/512/EC, EP may oppose adoption of a draft measure supported by the Regulatory Committee)
- Legislator asks that all EuP implementing measures fall under new comitology procedure, but new additional EP amendments related to voluntary agreements/self regulation controversial





Labelling

- Label provides easy-to-understand information on energy performance to the consumer
- particularly energy efficient products are identified

→ design labelling and ecodesign coherently such that:

- **Pull the market promoting good/best performers by label**
- **Push the market by banning bad/worst performers by ecodesign**





Labelling

Main EU schemes:

- EU Energy Label for household equipment (framework directive 92/75/EC): mandatory labelling
- Energy Star for office equipment (Council Decision 2006/1005/EC): voluntary labelling
- (Ecolabel for products and services, but not widely accepted so far by manufacturers as far as energy-using products are concerned)





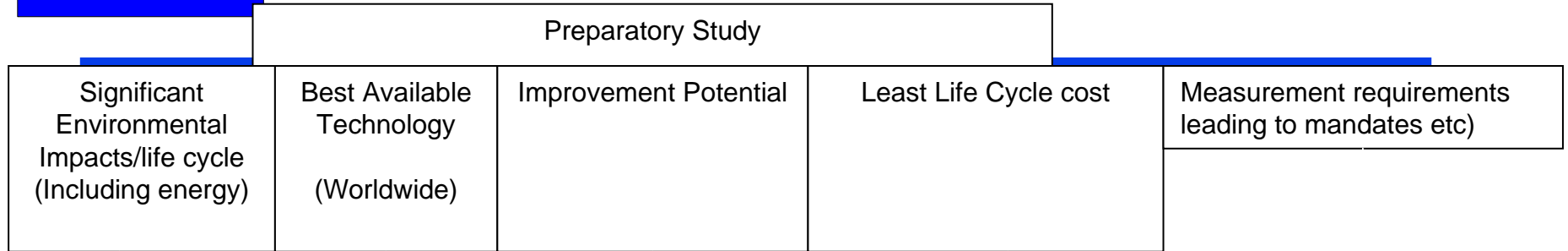
Energy Labelling and EuP

- EU Energy Label to be upgraded for several products (e.g. washing machines)
- technical basis: results of ecodesign preparatory studies (link ecodesign process and labelling)
- possibly: staged levels for dynamization
- under discussion: extend scope of framework directive to products other than household equipment?






Integration of product labelling and ecodesign




Specific Eco-Design Requirements



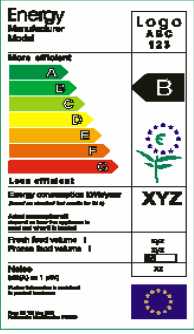
Maximum levels tolerated for "CE" marking

Eco-Label

top of the class



Energy Label, Energy Star



Voluntary Agreements

when ambitious compared with Business as usual and significant share of the market

EN Measurement Standards

- Revision**
- **5-10** years depending on product group and progress of technology but staged requirements possible
 - **Dynamic** but predictable to encourage improvement products while providing clarity on investments for Industry
 - **Consistent**
 - Thresholds to be maintained (A becomes D etc.)
 - Reward Development of 'good' products, compatibility of incentives



Labelling: framework Directive

- currently: impact assessment study on options for a possible revision of labelling framework Directive (including consultation of MS experts)
- public consultation (based on results of IA study) planned for 4th quarter 2007
- presentation of results and conclusions possibly 1st quarter 2008
- survey on implementation of labelling in the MS about to be launched (interviews with MS experts, on-the-spot checks of labelling practise ...)





Labelling: ENERGY STAR

- new EU-US Energy Star Agreement on coordination of labelling programmes for energy efficient office equipment in forces since December 2006 including new and demanding efficiency criteria
- efficiency criteria will be continued to be updated - computers and IE tier 2 planned for 2009, monitors?
- market survey study (3 years) expected to be launched end 2007: input to efficiency criteria revision, monitoring of programme impact in Europe)
- possibly (large) servers covered in the future - to be discussed with US EPA, EU member states and stakeholders (input from IEEA project, CoC data centers, US study?)





Labelling: ENERGY STAR

Recast of Energy Star Regulation

- recast of implementing Regulation discussed 2422/2001 in Council and EP
- most controversial point: public procurement, EP amendment asks for mandatory use of Energy Star efficiency criteria
- 1st reading in EP scheduled for July





International regulatory co-operation on energy efficiency

- harmonization of measurement methods/standards/protocols and requirements on product declaration/information (differing requirement on different markets mean high costs paid ultimately by consumers)
 - best practise technological solutions, benchmarking and market trends (crucial elements for designing an efficient policy tool).
- Regulatory co-operation on energy efficiency of worldwide traded goods is a possible topic of the IEA Implementing Agreement on efficient equipment





Co-operation on energy efficiency

Thank you for your attention

