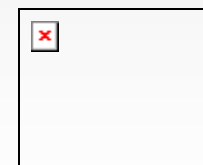




Motor Summit 2007, Zurich 10 April 2007

Action Plan for Energy Efficiency Ecodesigning of EuPs

Ismo Grönroos-Saikkala
Unit for Energy Efficiency



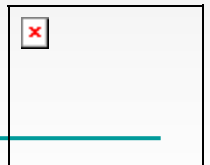


Action Plan: the strategy & objective

Mobilises resources and actors to realise 20 % estimated savings potential in EU annual primary energy consumption by 2020

Transform the internal energy market with more energy efficient:

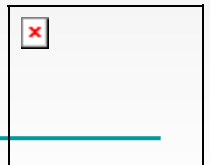
- buildings, appliances, processes
- transport means, energy systems, infrastructure





Action Plan: policies and measures – 6 areas, 10 priorities, 75 actions

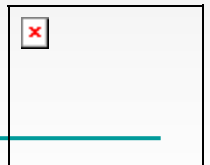
- I. Dynamic energy performance requirements for energy-using products, buildings and energy services**
- II. Improving energy transformation**
- III. Moving on transport**
- IV. Financing energy efficiency, economic incentives and energy pricing**
- V. Changing energy behaviour (pt)**
- VI. International partnerships**





Improving energy efficiency in energy-using products, buildings and services

- **Dynamic appliance and equipment labelling and minimum energy performance standards-14 + 5 + ...**
- **Building performance requirements; and very low energy buildings (« passive houses ») in medium to long term**
- **Energy services**





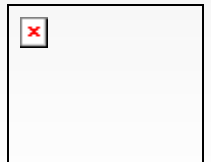
Action Plan: NEXT STEPS

- **Many effects in the next 3 years – a 6-year plan**
- **Mid-term review to take place in 2009**
- **Coordinated with national Energy Efficiency Action Plans in Energy Services Directive**



Eco-design of EuPs:

- **Framework Directive**
- **Focus on energy-using products over life-cycle**
- **Complementary with Buildings and Energy services directive**



Aim

Promotion of sustainable development through :

- free movement of EuP
- environmental protection
- increased security of energy supply

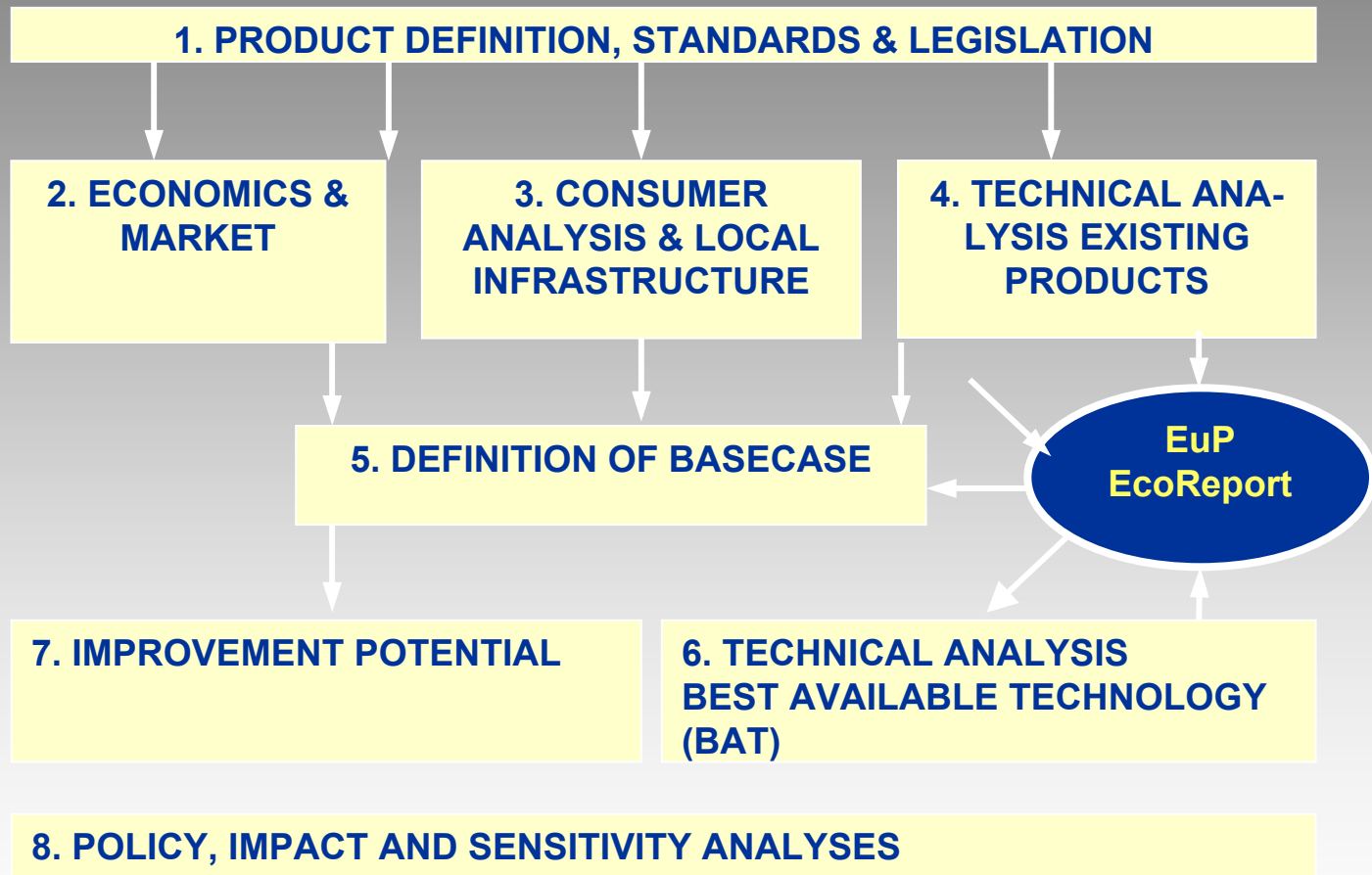
Scope

- **Energy using products *covered by implementing measures* (no immediate requirements on products)**
 - **EuP parts (if placed separately on the market and can be assessed environmentally)**
 - **Means of transport excluded**
-

Eco-design approach

- **Identify the significant environmental aspects** of a product on the basis of the eco-design parameters of Annex I, throughout the product's lifecycle
 - **Search for design options** that could improve the product environmental performance in balance with technical and economic constraints
 - **Common methodology - studies**
-

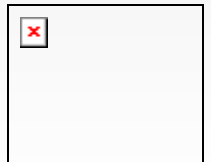
Structure of the Methodology



Eco-design of EuPs:

From secondary legislation to implementing measures:

- **14+5+... studies + impact assessment**
- **Work programme**
- **Consultation Forum**
- **Regulatory Committee**
- **Implementing measure**



Implementing measures

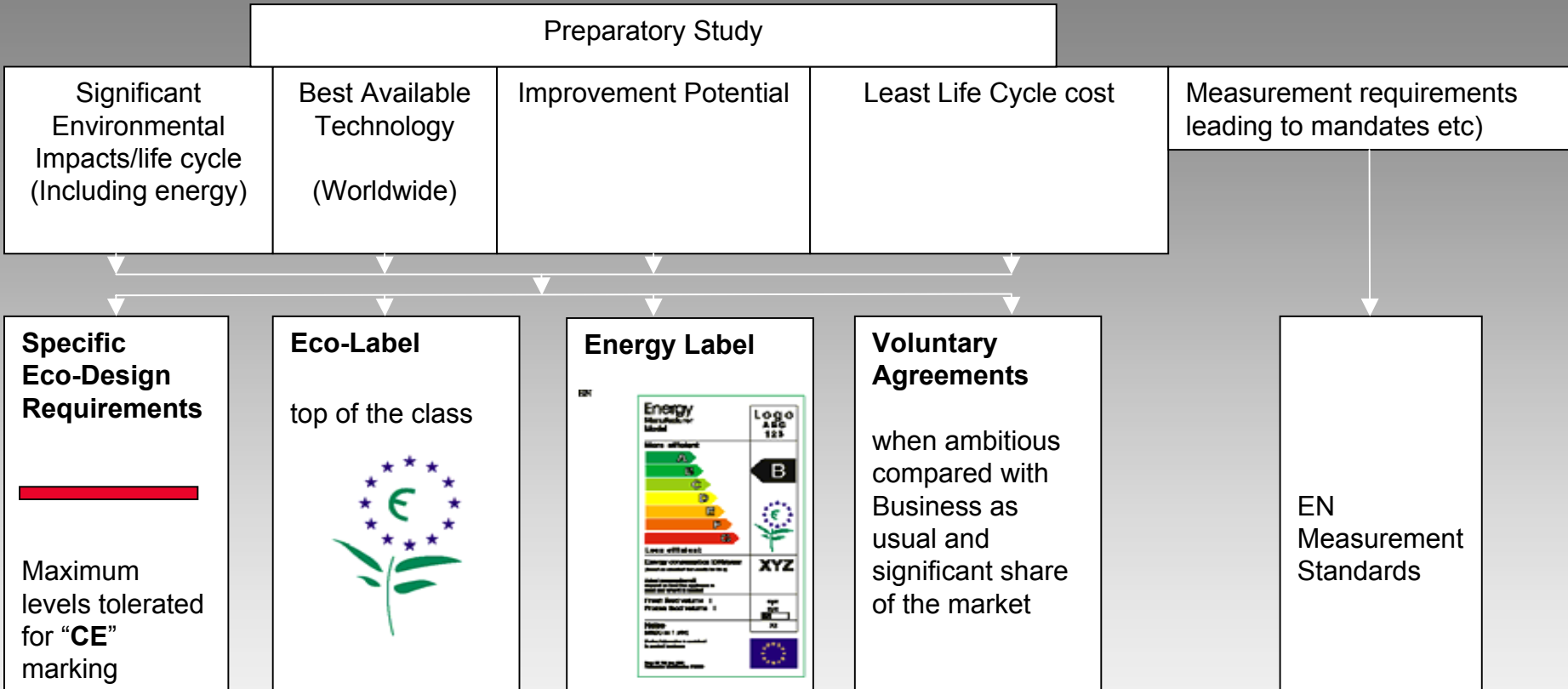
Implementing measures are proposed for products which:

- represent a significant volume of sales and trade in the internal market (indicative threshold: 200 000 units/year)
- involve a significant environmental impact and
- present a significant potential for improvement

The entire life cycle of the product will be considered

Other aspects (product performance, health&safety, impact on consumers, manufacturers' competitiveness) are taken into account

Possible implementing measures



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

Next steps

2002 ECCP, 6th EAP, EEE, IPP, MER

2008-2010
onwards
measures?

Ongoing and new studies + standardisation activities - > - >

2003 draft
Ecodesign EUP

July
Ecodesign EUP
published

July
Workplan, est. of
Forum & Committee

Aug
Transposition
of 2005/32

Jan
2004

Jan
2005

Jan
2006

Jan
2007

Jan
2008



Further information:

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

...energy/action_plan_energy_efficiency/index_fr.htm

...energy/demand/legislation/eco_design_en.htm

...enterprise/eco_design/index.htm

Email: entr_ecodesign_eup@ec.europa.eu

Email: tren-ecodesign@ec.europa.eu

