



# The Eco-design “EuP” Directive

## State of play and next steps

andras toth - DG TREN D3

29 September 2006

# Ecodesign Overview

- Objective relevant for the Energy Efficiency Action Plan: minimum requirements on energy efficiency of products
- Other environmental aspects addressed as well, life-cycle approach (Integrated Product Policy)
- Based on Art 95 – internal market, CE marking
- Self-declaration
- Framework directive 2005/32/EC to be followed by implementing measures for products



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Preparatory Study





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Preparatory Study

Significant  
Environmental  
Impacts/life cycle  
(Including energy)





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Preparatory Study

Significant  
Environmental  
Impacts/life cycle  
(Including energy)

Best Available  
Technology  
  
(Worldwide)





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Preparatory Study

Significant Environmental Impacts/life cycle (Including energy)	Best Available Technology (Worldwide)	Improvement Potential
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Preparatory Study

Significant Environmental Impacts/life cycle (Including energy)	Best Available Technology (Worldwide)	Improvement Potential	Least Life Cycle cost
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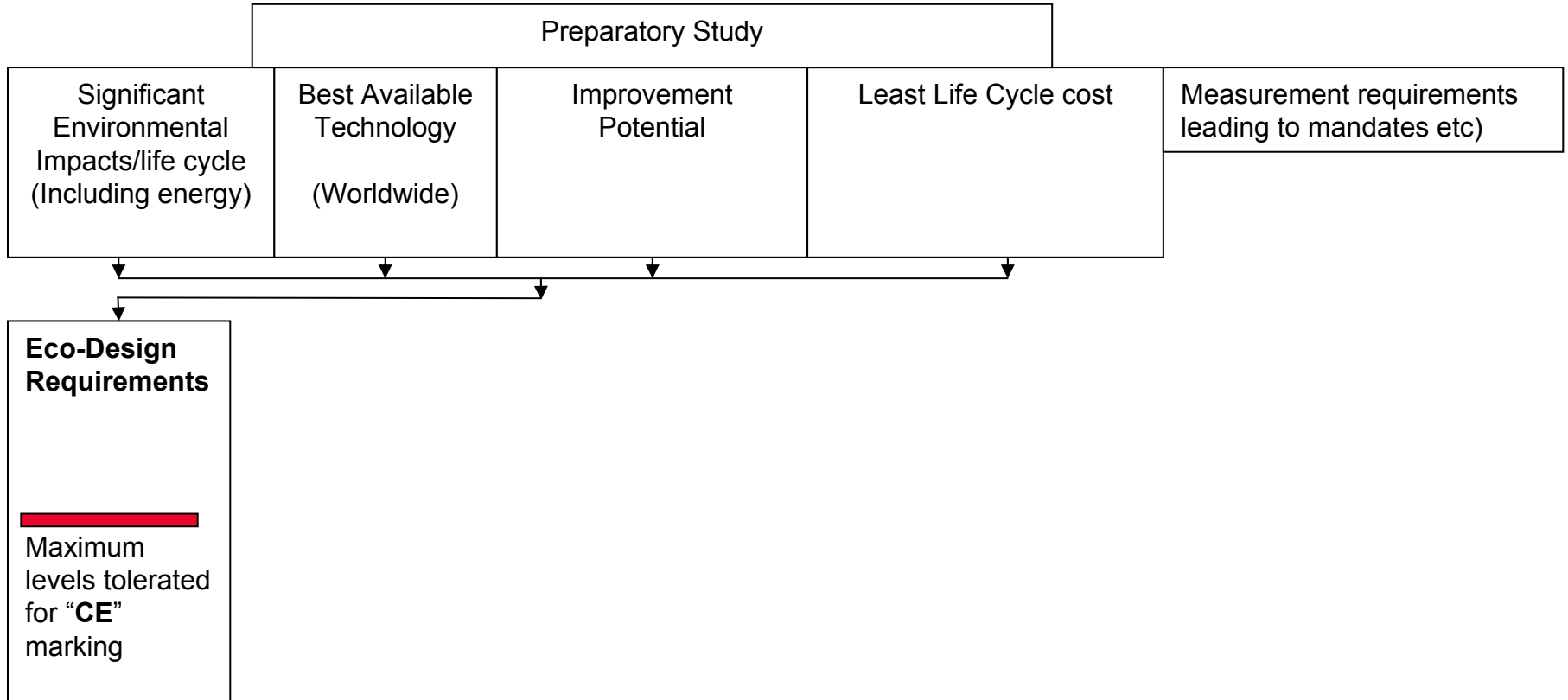


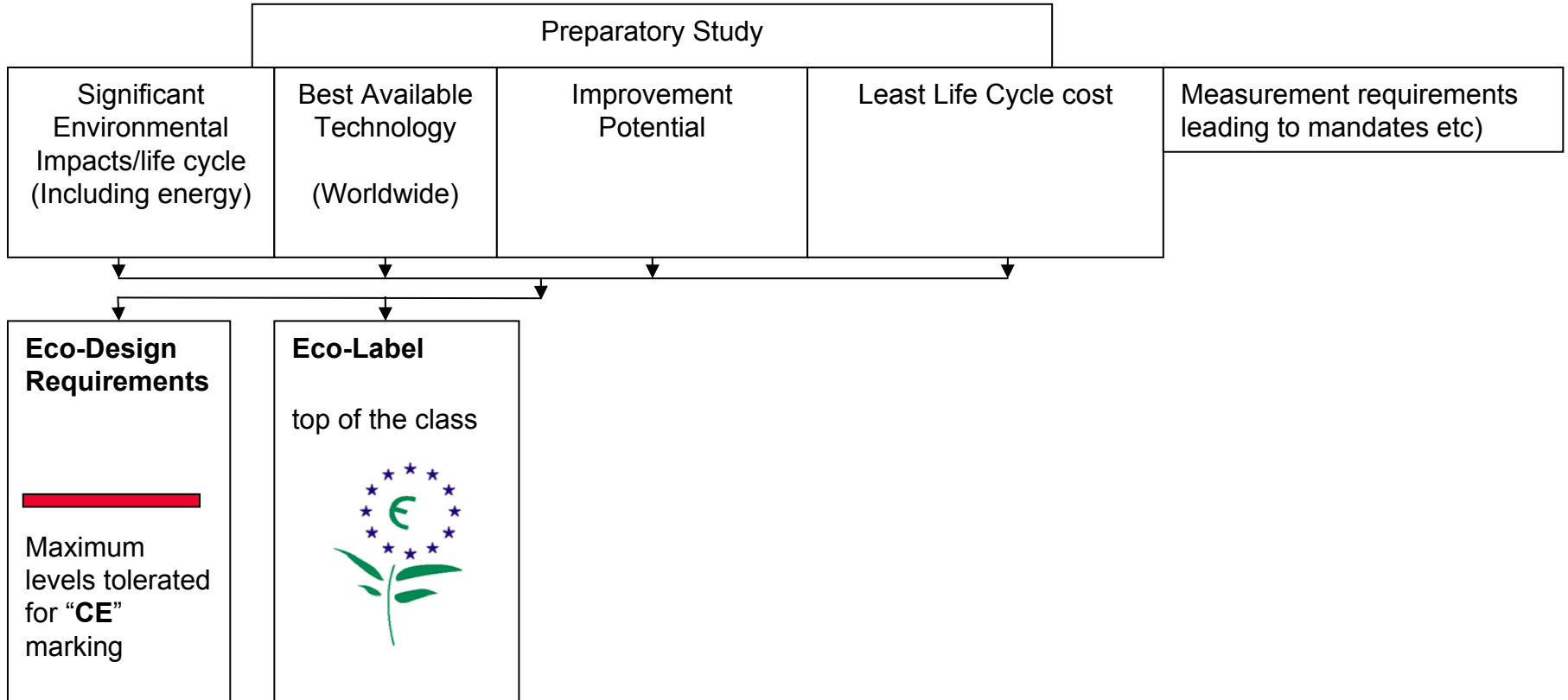
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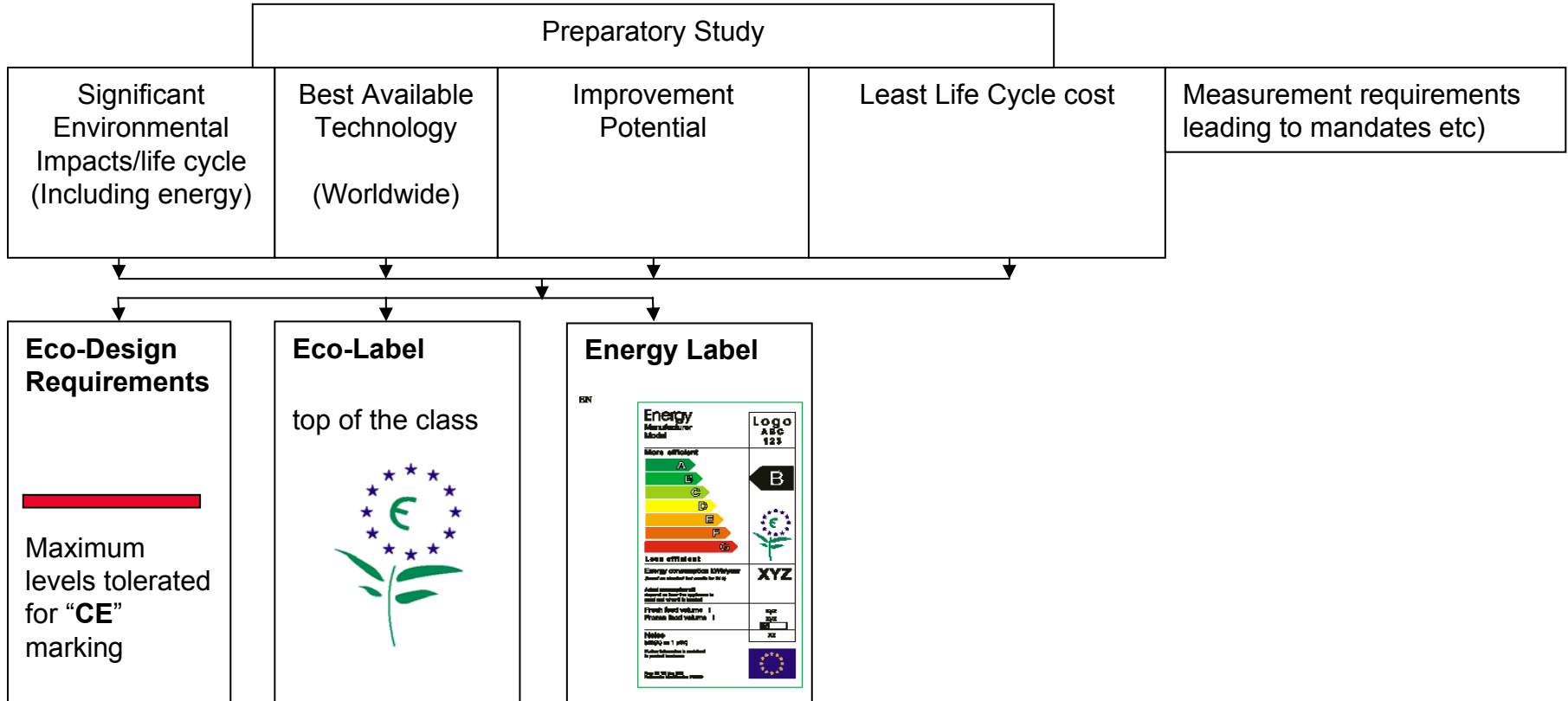
Preparatory Study

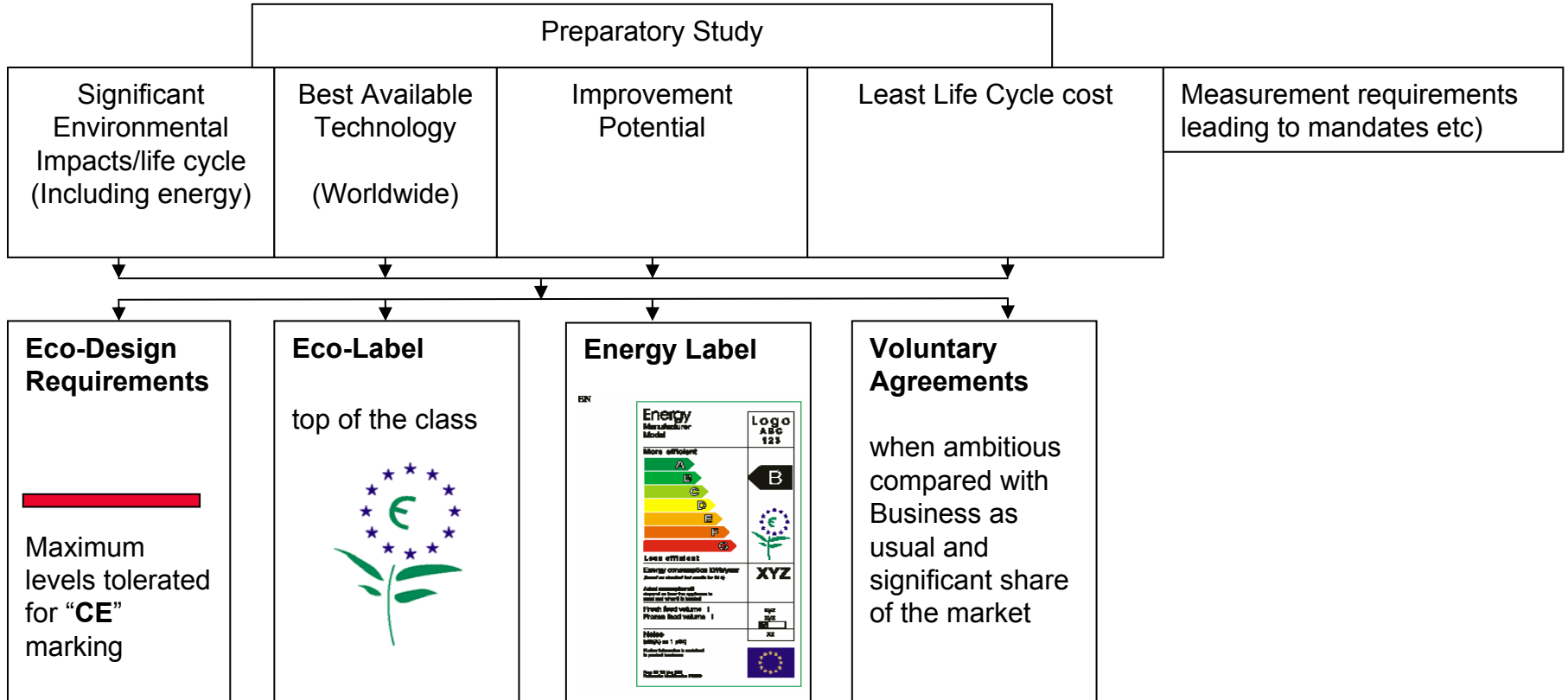
Significant Environmental Impacts/life cycle (Including energy)	Best Available Technology (Worldwide)	Improvement Potential	Least Life Cycle cost	Measurement requirements leading to mandates etc)
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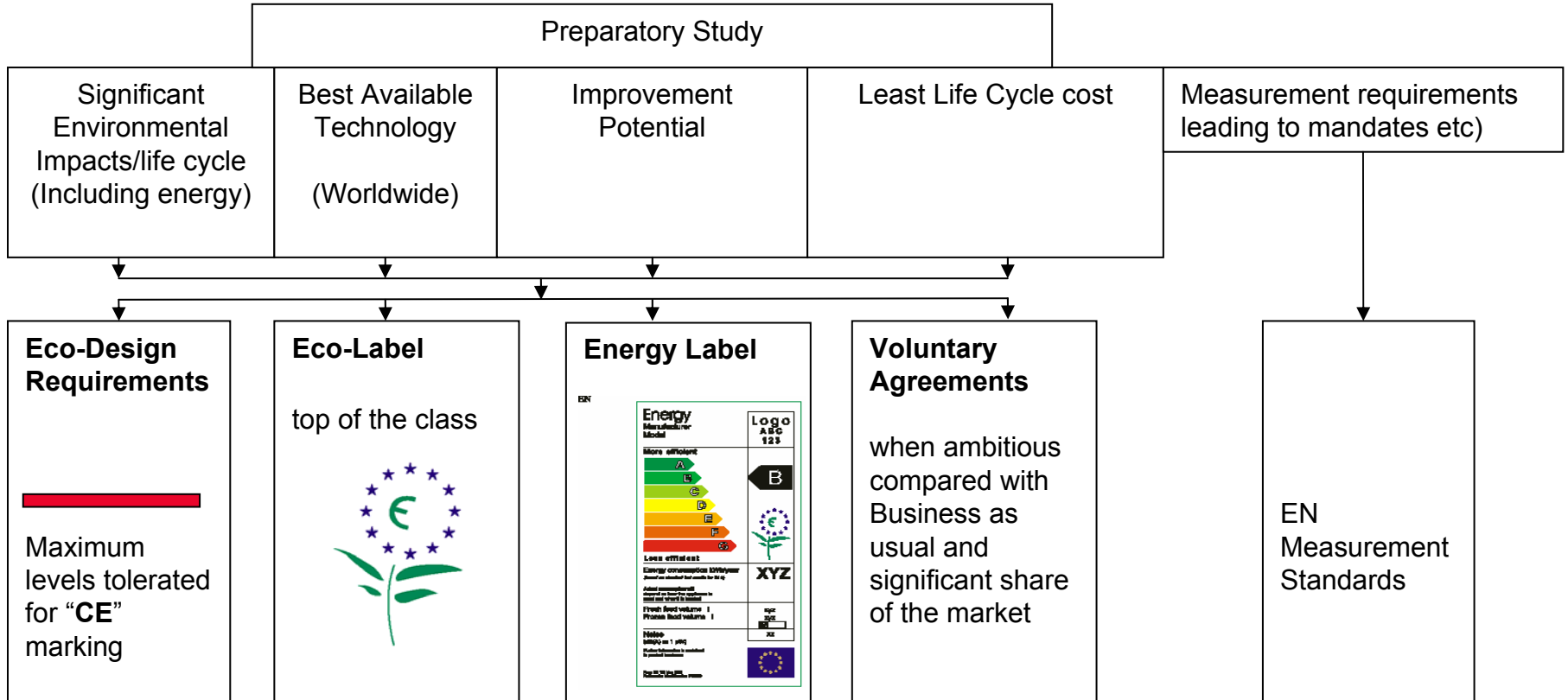


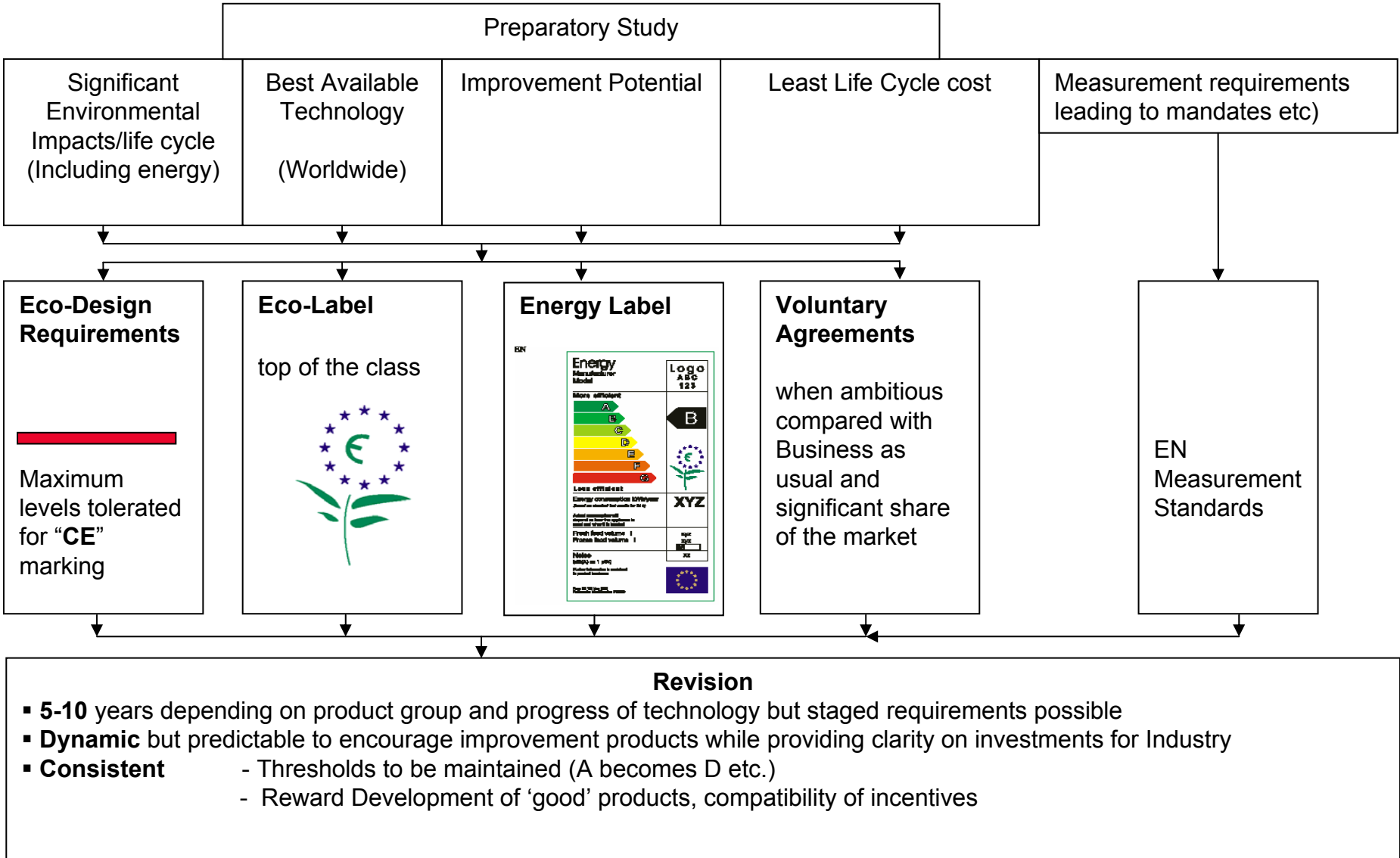












# EuP - The Main Steps

1. EuP Directive (2005/32/EC): July 2005
2. Creation of the Consultation Forum: 2ndQ of 2007
3. Creation of the Regulatory Committee 3rdQ 2007
4. Adoption of the EuP Working Plan by July 2007
5. Transposition of the EuP framework Directive by the Member States by August 2007
6. First implementing measures: beginning of 2008



# EuP – The Work Plan

- launching of a preparatory study (ENTR)
- first draft, consultation of the Forum 2<sup>nd</sup> Q 2007
- adoption by COM by July 2007



# EuP State of play and next steps

- Mandate for programming standardization activities to CEN/CENELEC/ETSI – catalogue of related existing standards
- Common methodology developed for preparatory studies: the VHK MEEuP Report
- Preparatory studies for the 13 priority products and stand-by/off-mode have been launched



# EuP - preparatory studies



<b>Study</b>	<b>Study website</b>	<b>Contractor</b>
boilers and combi-boilers (gas/oil/electric)	<a href="http://www.ecoboiler.org">www.ecoboiler.org</a>	Van Holsteijn en Kemna B.V.
water heaters (gas/oil/electric)	<a href="http://www.ecohotwater.org">www.ecohotwater.org</a>	Van Holsteijn en Kemna B.V.
personal computers (desktops & laptops) and monitors	<a href="http://www.ecocomputer.org">www.ecocomputer.org</a>	IVF Industrial Research and Development Corporation Fraunhofer Institute for
imaging equipment: copiers, faxes, printers, scanners, multifunctional devices	<a href="http://www.ecoimaging.org">www.ecoimaging.org</a>	Reliability and Microintegration, IZM, Berlin
consumer electronics: televisions	<a href="http://www.ecotelevision.org">www.ecotelevision.org</a>	Fraunhofer Institute for Reliability and Microintegration, IZM
standby and off-mode losses of EuPs	<a href="http://www.ecostandby.org">www.ecostandby.org</a>	Fraunhofer Institute for Reliability and Microintegration, IZM

# EuP - preparatory studies



battery chargers and external power supplies	<a href="http://www.ecocharger.org">www.ecocharger.org</a>	BIO Intelligence Service
office lighting	<a href="http://www.eup4light.net">www.eup4light.net</a>	VITO - Flemish Institute for Technological Research
(public) street lighting		VITO - Flemish Institute for Technological Research
residential room conditioning appliances	<a href="http://www.ecoaircon.eu">www.ecoaircon.eu</a>	Armines
electric motors 1-150 kW, water pumps, circulators in buildings, ventilation fans (non residential)	<a href="http://www.ecomotors.org">www.ecomotors.org</a>	AEA Technology
commercial refrigerators and freezers, including chillers, display cabinets, vending machines	<a href="http://www.ecofreezercom.org">www.ecofreezercom.org</a>	BIO Intelligence Service

# EuP - preparatory studies



domestic refrigerators and freezers	website available soon	ISIS - Istituto di Studi per l'Integrazione dei Sistemi
domestic dishwashers and washing machines	website available soon	ISIS - Istituto di Studi per l'Integrazione dei Sistemi

For the contact details of the contractors, please refer to our website:

[http://europa.eu.int/comm/energy/demand/legislation/eco\\_design\\_en.htm](http://europa.eu.int/comm/energy/demand/legislation/eco_design_en.htm)

# EuP - Next preparatory studies

Studies to be launched in 2006 for additional product groups identified by Article 16 of the Directive as having significant greenhouse gas emission reduction potential:

- solid fuel boilers
- laundry driers
- set-top boxes
- domestic lighting
- industrial lighting



# Process/calendar for adopting implementing measures

- Preparatory study to determine whether and which ecodesign requirements should be set: 11-21 months (with technical workshop based on draft final report)
- Submission of first draft to the Consultation Forum: 5 months after workshop
- Submission of draft measure to the Committee (impact assessment, interservice consultation,): 3 months after Forum
- Adoption by the Commission (European Parliament scrutiny, WTO notification, translations, written procedure): 5 months



# COM Websites on EuP

[ec.europa.eu/](http://ec.europa.eu/)

[energy/demand/legislation/eco\\_design\\_en.htm](http://ec.europa.eu/energy/demand/legislation/eco_design_en.htm)

[enterprise/eco\\_design/index.htm](http://ec.europa.eu/enterprise/eco_design/index.htm)



# Thank You!

## Sustainable Energy Europe

2005-2008

A European campaign to raise awareness  
and change the landscape of energy