

EU developments in the sector of electrical and electronic equipment

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WEEE, RoHS and EuP Directives

- Background and objectives
- The environmental requirements
- Implementation of the Directives
- Latest developments
- Conclusions



The Directive on Waste Electrical and Electronic Equipment (WEEE)

WEEE Directive

- Background (facts and figures)
 - The European Union
 - 27 Member States
 - 495milj.inhabitants (versus 6,7bilj.worldwide)
 - 4,3milj.km² (versus 148milj.km² worldwide)
 - Waste generation (source Eurostat 2005)
 - 1,3 bn tonnes per year in EU (2003)
 - 50 mn tonnes of hazardous waste = 129kg/capita
 - 243 mn tonnes Municipal Solid Waste = 534kg/capita
 - WEEE generation (source COM proposal)
 - 6 mn tonnes per year = 14kg/capita (1998)
 - Recent estimations = up to 20kg/capita!



WEEE Directive

- Objectives
 - Shift from disposal (landfill and incineration) to recycling
 - Preserving resources (material and energy)
 - Harmonising national measures
 - Incentives to design



WEEE Directive

■ Latest Developments: the review (cont)

- What can be expected of the review?
 - Scope
 - Definitions
 - Collection
 - Targets for recovery, recycling, reuse
 - Treatment requirements
 - Producer responsibility



WEEE Directive

■ Latest Developments: the review (cont)

- Example: differentiating in environmental priorities and improve treatment (contractors view)
- Discussion closely linked to discussion on scope

	Collection target	Recycling target	Specific Treatment Requirement
Large Household (1A, 1B)	NO	NO	NO
Cooling and Freezing (1B)	YES	Maybe	YES: CFC's
Small Household: 2A, 3A, 4A, 6, 7 (plastic dominated part)	YES	YES: For plastic recycling	YES: NiCd from Cat. 6
Small Household: 1C, 3A (metal dominated part)	NO	NO	NO
CRT containing (3B, 4B)	YES	YES: For CRT glass	YES: Control over PbO
Flat panels (2C, 4C)	YES	Maybe	YES: For LCD Hg removal
Gas discharge lamps	YES	Maybe for HQ glass	YES: Hg removal



WEEE Directive

■ Issues outside the review process

- MS workshop on distance selling
- MS guidance on Annex II
- Industry standard for HC-equipment
- Industry standard for CFC-equipment in preparation
- Work on national registers
- Corporate environmental rules



RoHS Directive

■ Objectives

- Prevent creation of hazardous waste (clean waste streams)
- Benefit from Community-wide rules



RoHS Directive


■ (Environmental) Requirements

- Ban on the use of certain hazardous substances (Pb, Cd, Hg, Cr^{VI}, PBB and PBDE)
- Compliance mechanism
- Exemption mechanism




RoHS Directive

- Latest developments: the review
 - Basis for the review of RoHS:
 - Articles to the Directive
 - Art. 4(3) – prohibition of other HS
 - Art. 6 – insertion of cat.8&9
 - Art. 6 – assess need to revise list of HS
 - Better Regulation
 - Thematic Strategy on Waste Prevention and Recycling (focus on prevention)




RoHS Directive

- Latest Developments: the review (cont)
 - Topics of the review
 - RoHS requirements as a whole
 - In particular
 - The scope of the Directive
 - The definitions
 - The restriction of the use of (other) HS
 - The exemption mechanism
 - The enforcement




RoHS Directive

- Latest Developments: the review (cont)
 - The Review process of RoHS
 - Study on cat.8&9 (2006)
 - Public stakeholder consultation on review (spring 2007)
 - Research studies (2007-2008)
 - Impact Assessment (2007)
 - Conformity and Compliance check (2006-2007)
 - Proposal & legislative procedure (2008)




RoHS Directive

- Latest Developments: the review (cont)
 - What can be expected of the review?
 - Scope (cat.8&9)
 - List of hazardous substances
 - Exemption mechanism
 - Compliance mechanism




EuP Directive

- Objective
 - Harmonisation of national laws regarding eco-design
 - Preserving resources (material & energy)
 - Optimise (environmental) performance whilst maintaining functional qualities
 - Faster procedure than normal legislative process



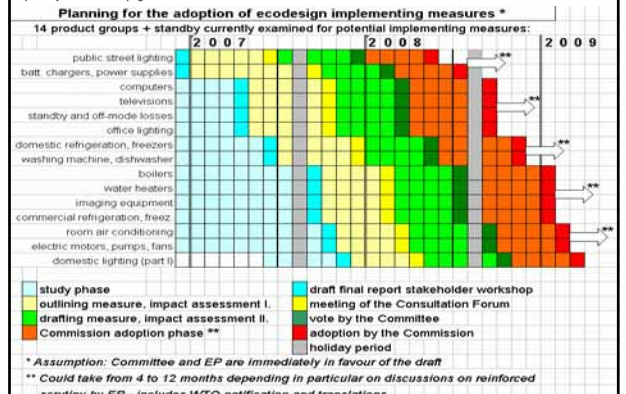
EuP Directive

■ Latest developments

- Methodology worked out
 - All environmental aspects, with focus on energy
 - Life cycle approach
- Studies on individual products
 - Requirements on the individual products (when pom; link with CE marking)
 - Technical, environmental and economic aspects
- Implementing measures or voluntary agreements
- Public stakeholder consultations



disclaimer: The following table gives an indicative planning of the adoption process of possible implementing measures for the different product groups. The table is approximate, and subject to frequent change as the planning is adjusted to the real advancement of preparatory work. The publication of this table does not mean that any arrangement has been made for particular meetings to take place in the months indicated in the table. If concrete meetings are convened, they shall be announced in due time separately on DG ENTR page or on the contractors' websites.



Conclusions

Conclusions

- **WEEE and RoHS**
 - Implementation ongoing
 - Compliance check ongoing
 - Review process is launched
- **EuP**
 - Methodology developed
 - Implementing measures in development
- **Public consultations**
- **COM Legislative and work program**



More information

- **Webpage public consultations**
http://ec.europa.eu/yourvoice/consultations/index_en.htm
- **Webpage DG Environment WEEE&RoHS**
http://europa.eu.int/comm/environment/waste/weee_index.htm
 - All legislation including a guidance document as FAQ
 - Review processes for WEEE & RoHS
 - Studies and Events
- **Webpage DG Enterprise EuP**
http://ec.europa.eu/enterprise/eco_design/dir2005-32.htm

