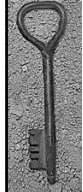


The WEEE and RoHS Directives


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Introduction

The proposed EC Directives on WEEE and RoHS aim to minimise the environmental impact of electrical and electronic equipment by encouraging:

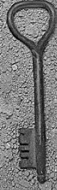
- ◆ Product end-of-life management
- ◆ Eco-design
- ◆ Life cycle thinking
- ◆ Extended producer responsibility.



WEEE Directive

Objectives

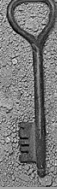
- ◆ Reduction of the waste
- ◆ Increase in recovery and recycling
- ◆ Improved environmental performance .



WEEE Directive

Definition of “Producer”


- ◆ Manufactures and sells his own brand
- ◆ Resells under his own brand
- ◆ Imports or exports



WEEE Directive

Scope

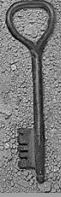
- ◆ All equipment dependent on electrical currents or electromagnetic fields
- ◆ 10 indicative categories



WEEE Directive

Requirements

- ◆ Separate collection
- ◆ Specified treatment
- ◆ Recovery and recycling targets
- ◆ Producer pays from collection onwards



WEEE Directive

Separate collection

- ◆ Free takeback from private households
- ◆ A collection target of 4kg per head
- ◆ Various collection options



WEEE Directive

Treatment I

- ◆ Removal of all fluids and certain substances
- ◆ Licensed operators
- ◆ Approved premises



WEEE Directive

Treatment II

- ◆ Batteries
- ◆ Printed circuit boards (greater than 10 cm²)
- ◆ Toner cartridges
- ◆ Cathode ray tubes
- ◆ Liquid crystal displays (greater than 100 cm²)
- ◆ Asbestos
- ◆ Plastics: brominated flame retardants



WEEE Directive

Recovery and recycling I

- ◆ Setting of recovery and recycling targets
- ◆ Targets divided
- ◆ Targets range from 50% - 80%
- ◆ Targets to be reached by 31 December 2006



WEEE Directive

Recovery and recycling II

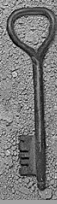
- ◆ Obligations only apply to separately collected WEEE
- ◆ Large household: 80/75%
- ◆ IT & consumer: 75/65%
- ◆ Gas discharge lamp: 80% (recycling)
- ◆ Others : 70/50%
- ◆ Medical equipment: None



WEEE Directive

Financing

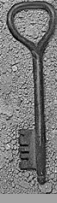
- ◆ Producers to pay from a central point
- ◆ Comes into effect August 2005
- ◆ Costs arising from business to business WEEE to be dealt with by producers.



WEEE Directive

Information


- ◆ Information for consumers
- ◆ Product Information for treatment facilities
- ◆ Data requirement obligations for Member States



WEEE Directive

Timetable


- ◆ Conciliation – concluded October 2002
- ◆ Publication in OJ – 13 February 2003
- ◆ UK legislation in place – 13 August 2004
- ◆ Producer Responsibility Obligations – August 2005
- ◆ UK to meet recycling targets – 31 December 2006



WEEE Directive

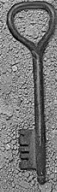
Implementation Issues

- ◆ Collection infrastructure
- ◆ Licensing of treatment sites
- ◆ Data collection
- ◆ Payment up front or in arrears?
- ◆ Market share approach?



RoHS Directive

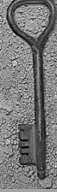
- ◆ A ‘Single Market’ Directive on the restriction of certain hazardous substances
- ◆ Seeks to reduce the environmental impact of EEE by restricting the use of certain hazardous substances during manufacture
- ◆ Complementary to the WEEE Directive



RoHS Directive

What is covered?

- ◆ All products covered by the WEEE Directive except categories 8 & 9
- ◆ From 1 July 2006, the following substances will be banned - lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) and polybrominated diphenyl ethers (PBDE)



RoHS Directive

Future Review

Article 6: “In particular the Commission shall by ... (13 February 2005) ... present proposals for including in the scope..... equipment which falls under categories 8 (medical) and 9 (monitoring equipment)....”



WEEE & RoHS - Estimated Cost of UK Implementation

- ◆ Additional costs of WEEE Directive
- £190m and £390m
- ◆ Precise costs for RoHS Directive uncertain, but estimated to be around £120m



Next Steps

- ◆ Raise awareness
- ◆ Undertake as much informal consultation as possible
- ◆ Consult on initial implementation options
- ◆ Seek to minimise differences with other Member States
- ◆ Issue draft legislation



WEEE & RoHS Directives

More Information?

- ◆ Recycling Policy Unit at DTI – 020 7215 1036
- ◆ Envirowise Helpline – 0800 585794
- ◆ Website – www.dti.gov.uk/sustainability
