

# Updating the EuP and RoHS Directives

presented by Steve Andrews

UK BERR

## What is BERR?

- UK Government changes following appointment of a new Prime Minister in June
- The **Department for Business, Enterprise & Regulatory Reform (BERR)** brings together responsibilities from the old Department of Trade and Industry, (*including those for productivity, business relations, energy, competition and consumers*), with the **Better Regulation Executive** that was previously part of the Cabinet Office

# The Framework Directive (2005/32/EC) for the Eco-design of Energy-using Products (EuP)

- overview and update

# What is the EuP Directive?

## It's a framework Directive

- ...that outlines the requirements which EuPs must meet before they can be placed on the market
- ...for setting eco-design parameters for energy-using products (EuPs)

The framework will be applied to individual products through '**Implementing Measures**'

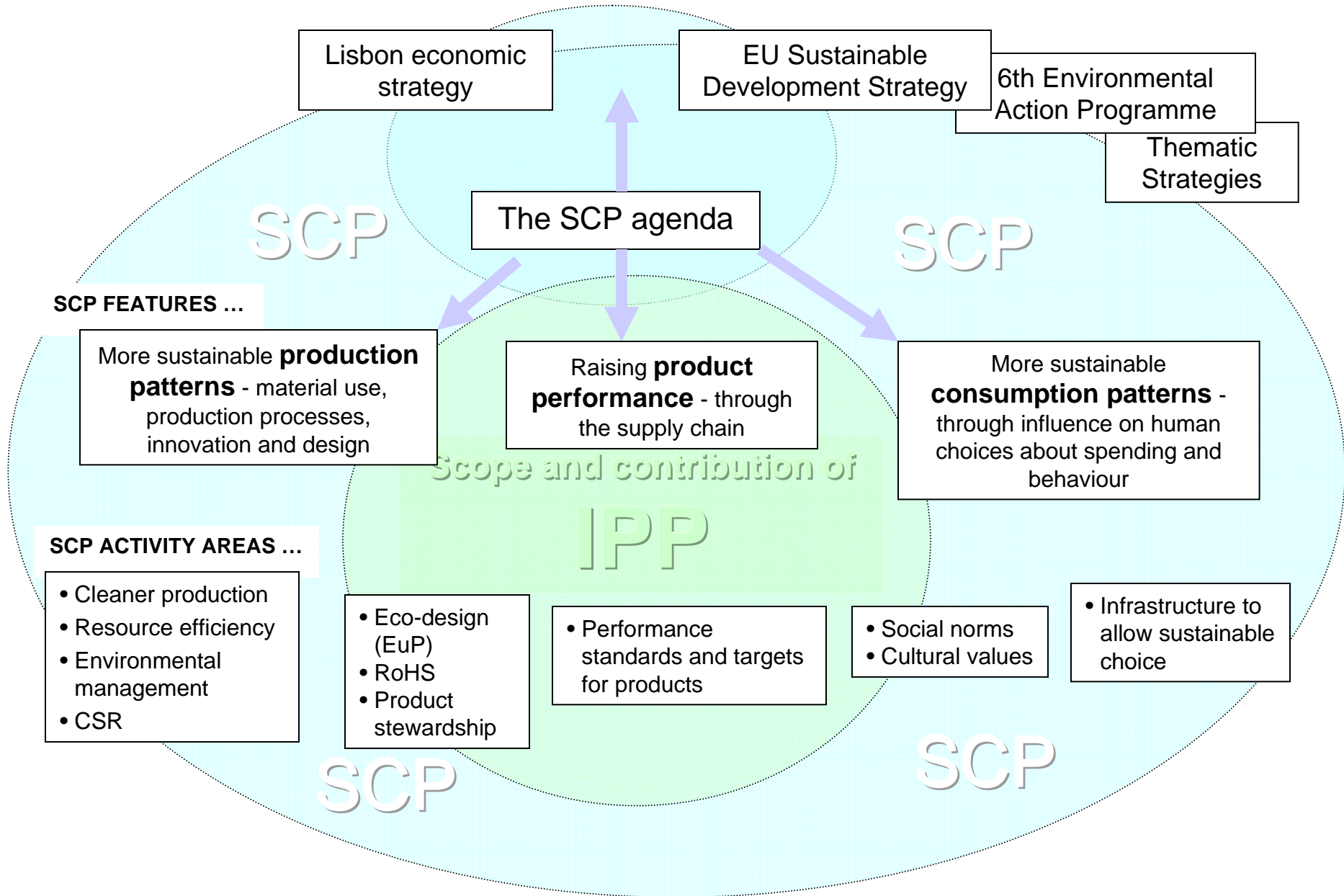
## EuP Directive – Aims

### The Directive aims to...

- ...ensure the **free movement** of products across the EU;
- ...**contribute to** sustainable development and to the security of energy supplies; and
- ...**embody** better regulation principles

## EuP Directive – Approach

- To identify the significant environmental aspects of a product throughout its lifecycle (*manufacturing, in use, end of life*) using the eco-design parameters of Annex 1
- To search for design options that could improve the product's environmental performance in balance with technical and economic constraints



## What are the Preparatory Studies?

*They aim to provide information that “the Commission and Consultation Forum need to know in order to decide if a product should be considered for implementing measures under the EuP”*

Preparatory studies are underway for priority products.

The selection of policies and implementing actions is **beyond the scope** of these studies.



## Implementing Measures will contain

- The scope of products covered
- Relevant application dates
- Generic and specific design requirements
- Measurement standards / methods
- Conformity assessment procedures
- Information requirements, (CE marking)

# First set of preparatory studies

Boilers

Water Heaters

Personal Computers and  
monitors

Imaging Equipment

Televisions

Domestic Refrigeration

Washing Machines and  
Dishwashers

Simple set-top boxes

Battery chargers and  
external power supplies

Office lighting

Public (street) lighting

Residential air  
conditioners

Commercial refrigeration

Motors, pumps, fans and  
circulators

**AND** Standby Losses

## Further Preparatory Studies

Five more – due to get underway around now

- solid fuel boilers
- laundry driers
- vacuum cleaners
- complex set top boxes
- domestic lighting

## How are the studies structured?

*Methodology* developed to enable decisions about whether a product should be considered for implementing measures under the EuP:

- MEEuP (Methodology study for Eco-design of Energy Using Products)
- Report published November 2005 and available from [www.vhk.nl/downloads.htm](http://www.vhk.nl/downloads.htm)

# Timetable for Individual Studies

- Draft final reports discussed at stakeholder meetings. Final report follows in 4 to 6 weeks
- Commission undertake Impact Analysis - 2 to 3 months
- Draft of implementing measure (with draft criteria and/or regulation options) developed in parallel with impact analysis
- Initial consideration of proposals by Consultation Forum
- Once broadly agreed in CF, forward to Regulatory Committee

## Current status of the studies?

- Three preparatory Studies now complete, 14 underway, 4 to be commissioned
- Remaining final reports due to be sent to the Commission between now and end of November – with interim reports published in the meantime

## Update on CE/ICT studies

- External power supplies
- Standby
- TVs
- Computing
- Imaging (printers etc)

## External Power Supplies - update

- Final report published January 2007
- Contained a good set of practical options, including a staged minimum performance requirement. This supports internationally harmonised standards – should lead to a faster trend to efficient products from the International manufacturing base
- UK Govt discussed at meeting with UK stakeholders Feb. 2007
- EC has not yet issued a working document
- Scheduled to be discussed at CF meeting in October 2007 and RC meeting March 2008



## Standby study - update

- Stakeholder meeting held 4 May 2007
- Draft final reports (T1-8) are available (not complete)
- Good technical analysis of classification. Probably will be reflected in measurement standards IEC- 62301 (standby) to be updated.
- Options for horizontal target values are sensible.
- Need to cross check definitions/values with other EuP studies
- Was scheduled to be discussed at CF meeting this month and RC meeting in February 2008 – but now delayed

## TV study - update

- Stakeholder meeting held in May. Final report published 6 August
- Contractor's experience limited in this area so UK felt there appeared to be a perceived tendency to favour input from one group of stakeholders
- Options for minimum performance standards (on and standby) split between smaller TVs (<26 inches, single values) and larger (calculated using formula involving screen size). These require some in depth analysis.
- On first analysis the energy requirement benchmarking for smaller screen TVs is not challenging.
- Scheduled to be discussed at CF meeting in October 2007 and RC meeting in March 2008

# Computers study - update

- Stakeholder meeting took place in April.
- Draft final report now available.
- UK has suggested that the report has a heavy reliance on power management for savings, which is very dependant on the user.
- Sensitivity analysis quite shallow and doesn't cover all factors promised in the stakeholder forum.
- Scheduled to be discussed at CF meeting in October 2007 and RC meeting in March 2008.

# Computers study – update contd.

Improvement options put forward are:

- Voluntary Energy Star implementation as business as usual.
- Mandatory power management enabling (note – this can be disabled by the user / IT department at any time) (2009)
- Mandatory high power supply efficiency requirements – *combined from Energy Star v4.0 Tier 1 2007 specification and Energy Star EPS specifications* (2009)
- Mandatory minimum sleep/off requirements – *based on Energy Star v4.0 Tier 1 2007 specification* (2009)
- Mandatory information requirements on modal consumption in visible location (2009)
- No mandatory requirement on-idle power (new metric under development)
- Mandatory minimum performance on power – *based on a new Energy Star specification* (2011)

# Imaging study - update

- Task 3 report delivered
- Further reports now overdue
- UK believe work submitted so far to be of high quality
- Printer cartridges should be covered within this study, but there has been no response to a clarification request to confirm this.
- Scheduled to be discussed at CF meeting in February 2008 and RC meeting in July 2008

## Consultation Forum – Establishment and Role

- Article 18 established a Consultation Forum, which will report to the EC's Regulatory Committee
- The Forum will contribute (in particular) to:
  - definition and review of implementing measures
  - monitoring market surveillance mechanisms
  - the assessment of voluntary agreements, etc.
- Forum will also to be consulted about proposed changes to the Commission's work plan

## The Consultation Forum – Membership

- First meeting held on 22 June 2007
- One representative from each Member State (27)
- **'Qualified' organisations** (TAs, Consumer Groups & NGOs) selected by Commission
- List of members on EC's website

# Timetable of EuP implementation

Year	Activity	Actor
Aug 2003	EuP proposals tabled	EC
June 2004	Agreement on text	Member States
June 2005	Adoption in EU	Council
2006 – Aug 2007	Transpose basics of Directive into domestic legislation	Member States
2006 – 2007	Undertaking of initial preparatory studies	Various research contractors
2007 – 2008	Consideration of proposals for implementing measures	Consultation Forum (First meeting held 22 June 2007)
2007 – 2008	Negotiate and agree implementing measures	EC Regulatory Committee (first meeting due December 2007)
2008	First implementing measures adopted	EC/UK



## State of Play and Next Steps

- Consultation Forum due to meet again before end of year
- Member States should have completed EuP transposition by 11 August 2007
- Regulatory Committee established - first meeting scheduled for December 2007
- Planning of standardisation activities in EU continues
- Work on preparatory studies continue
- Adoption of first implementing measures – late 2008?

## A brief note on UK transposition

- Stakeholder consultation undertaken between August and November 2006
- No significant objections to UK Government proposals
- *The Ecodesign for Energy-Using Products Regulations 2007*, (SI 2007 No. 2037). Laid before the UK Parliament on 14 July 2007, came into force on 11 August.

## Websites for further information

- **DG Enterprise** web pages –

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

- **DG TREN** web pages –

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

- **Defra/MTP** website – [www.mtprog.com](http://www.mtprog.com)

- **BERR** website –

[www.berr.gov.uk/innovation/sustainability](http://www.berr.gov.uk/innovation/sustainability)

# The Restriction of Hazardous Substances in electrical and electronic equipment Directive (2002/95/EC)

- Review and latest developments

## Update on Exemptions

- The Annex to the RoHS Directive contained a list of specific applications where the maximum permitted levels of the RoHS 6 substances do **not** apply
- Supplemented now by six Commission Decisions (published on 13 & 21 October 2005, 21 April 2006 and three published on 12 October 2006)
- Others still under consideration.....but approvals process very slow
- TAC asked to vote on three new applications – September 2007

# EU Compliance Informal Network

- **UK/EICTA Workshop** - 19 May 2005
- **Enforcement Bodies Informal Network**  
Inaugural Meeting – London, 27 January 2006
- **Enforcement Guidance Document** – published  
May 2006
- **Manual of Decision** – published March 2007

## RoHS Review

Arises from Article 6 of the Directive

Commission Paper published in April, gives an outline of the possible topics -

- Inclusion of WEEE Categories 8 and 9
- Amendment to the list of substances
- Enforcement
- Mechanism for exemptions

**Timing** – Information gathering 2007; presentation of proposals 2008

## RoHS Review – Initial Response

- 49 responses received, (from companies, trade associations, NGOs, national enforcement and standards authorities & consultants)
- No additional topics proposed
- BERR to host EC Member State Workshop in October, (with particular focus on the exemption process)



## New UK Regulations - Consultation

- Consultation Document issued 6 September 2007
- Seeking views on the issue of Exemptions & Enforcement Provisions
- Copies can be downloaded from: -  
[www.berr.gov.uk/consultations/open-consultations/index.html](http://www.berr.gov.uk/consultations/open-consultations/index.html)
- Deadline for responses – 29 November 2007

## Websites for further information

- **BERR** website (new Guidance Notes) -  
[www.berr.gov.uk/innovation/sustainability](http://www.berr.gov.uk/innovation/sustainability)
- **Europa** website –  
[http://ec.europa.eu/environment/waste/weee\\_index.htm](http://ec.europa.eu/environment/waste/weee_index.htm)
- **NWML** (UK RoHS Enforcement Agency) –  
[www.rohs.gov.uk](http://www.rohs.gov.uk)

*Thank you!*

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