

EPEE NEWS

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A Newsletter from the European Partnership for Energy and the Environment (EPEE)

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| I. F-Gases | 2 |
| <p>The F-Gases Regulation was formally approved by the European Parliament and the Council in April 2006, entering into force on 4 July 2006. In parallel, the Commission has begun working on explaining what lies ahead in terms of technical adaptation for the Regulation. The first meeting of the technical adaptation committee for the Regulation took place on 6 June 2006. Work is underway on several of six planned studies to aid implementation. Finally, an Commission stakeholders' meeting is planned for 9 October.</p> | |
| II. The Start of the Review of the WEEE Directive | 2 |
| <p>The Commission has started gathering information in preparation for the review of the WEEE Directive. The final proposal will include a revision of relevant provisions, in particular collection and recovery targets, as well as scope. Further research studies and impact assessments are also expected over the course of the next two years. New targets must be established by 31 December 2008.</p> | |
| III. The Entry into Force of the RoHS Directive | 3 |
| <p>1 June 2006 saw the entry into force of the RoHS Directive, which bans a number of hazardous substances from being included in electrical and electronic equipment sold in the EU. National enforcement authorities in the Member States now have the power to ban non-compliant products and impose fines on non-compliant producers.</p> | |
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| <p>The Eco-design Directive for Energy-using Products defines conditions and criteria for setting requirements regarding environmentally relevant product characteristics. One of the first steps is the drafting of preparatory studies. The contractors for these studies have now all been confirmed, and initial work on the preparatory study on commercial refrigerators has already begun.</p> | |
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~ EPEE's ENERGY EFFICIENCY EVENT ~

Keeping Cool:

Sustainability through Energy Efficiency in Refrigeration and Air-Conditioning

EPEE and EFCTC will be hosting this half-day conference in Brussels on 3 October 2006. The aim of the conference is to increase awareness of institutional and other stakeholders on the issue of energy efficiency in HVACR.

EPEE is a business partnership committed to responsible global energy and environmental policy.

EPEE

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F-Gases Regulation enters into force

Following the agreement reached between the European Parliament and the Council on the Proposal for the F-Gas Regulation at the end of January, the European Parliament formally approved the agreement in early April. The Council followed with the formal adoption later the same month.

The Regulation was signed by both institutions in May and published in the Official Journal of the EU on 14 June 2006. It entered into force on 4 July 2006. Most provisions, however, will only become applicable as of 4 July 2007 (the exception being the provisions on placing on the market).

At the same time, the Technical Adaptation Committee (TAC) on f-gases held a first meeting on 6 June. Its task will be to make the F-Gas Regulation work in practice and to address all outstanding technical issues that were too specific to be included in the Regulation. The aim of the first meeting was to explain what lies ahead in terms of work of the Committee.

EPEE gave a presentation during this meeting outlining its support for the EU approach and its involvement in the decision-making process since 2000. It also assured the Committee that it was ready and willing to work to make the F-Gas Regulation a success, to show real emission reductions and to allow the coalition of data on real emissions (direct and indirect) from f-gases use. Finally, EPEE outlined the main concerns of its members across the supply chain and touched on some of the areas where EPEE has started to think about how to make the requirements a day-to-day reality.

In addition, the European Commission is currently working on 7 studies related to the implementation of the F-Gases Regulation. It has for instance contracted ICF Consulting to conduct a

study to establish minimum qualification requirements and training programmes for personnel involved with the containment and/or recovery of ODS and f-gases. It is also looking into the costs and the impact on emissions of regulatory measures for reducing emissions of fluorinated greenhouse gases in the transport sector other than road transport.

Finally, the European Commission is also planning a stakeholder meeting on 9 October 2006 in Brussels to further discuss the issue with the industry.

The Start of the Review of the WEEE Directive

This summer saw the commencement of the Review of Directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE), which sets targets for the collection and recycling of 'e-waste' in each Member States. The Directive requires the Commission to submit a report to the European Parliament and the Council on the experience of the application of the Directive, including proposals for the revision of relevant provisions and in particular the collection and recovery targets. The Commission's proposal needs to be submitted to the Council and the European Parliament in time for the establishment, by co-decision procedure, of new targets for collection, recovery and reuse/recycling by 31 December 2008.

The Commission will take this opportunity to examine a range of defined issues, including separate collection, treatment, and recovery of waste equipment. Specific topics under review are:

- The revision of targets, including technical progress in reuse, recovery and recycling, products and materials;
- The scope of the Directive, including interpretation issues and the exclusion clauses mentioned in

Article 2.1;

- The operation of the producer responsibility provisions, including the use of the term “put on the market”; and
- Treatment requirements, including the possibility to require the use of specific techniques/technologies and the evaluation of the current treatment requirements for the recovery of hydrocarbons with a global warming potential (GWP) below 15.

The review is taking place throughout the second half of 2006 and 2007, and will encompass a number of separate exercises.

- An initial **Implementation Assessment** was prepared to show the implementation of the Directive by the Member States – the report is available at <http://www.jrc.es/home/pages/detail.cfm?prs=1408>.
- A **Data Gathering Exercise**, where stakeholders were requested to provide information for the review, closed on 11 August 2006. EPEE contributed a letter to this information gathering exercise, which can be viewed in the Position Papers section of the EPEE website.
- Further **Research Studies** analysing the impact and the implementation of the WEEE Directive and potential changes will be launched in the second half of 2006 and 2007. An **Impact Assessment** will also be produced to examine the costs and benefits of different policy options for the revision of the Directive – this is expected in the second half of 2007.

Further information on the Review of the WEEE Directive is available on DG Environment’s Website:
<http://ec.europa.eu/environment/waste/p>

[df/review_2002_96_ec_directive.pdf](#)

The Entry into Force of the RoHS Directive

On 1 July 2006 the Directive 2002/95/EC on the Restriction of Hazardous Substances (RoHS) took effect. Since this date, a wide range of electrical and electronic products put on the European Union market may no longer contain more than the maximum permitted concentrations of lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE).

All Member States have transposed the RoHS Directive into their national legislation.

National enforcement authorities in the Member States now have the power to ban non-compliant products and impose fines. To help Member States with the enforcement of the RoHS Directive, the Commission has published (and updated in August) a Frequently Asked Questions Guidance Document, available at http://ec.europa.eu/environment/waste/pdf/faq_weee.pdf -- although not legally binding, this document is supposed to provide clarity to industry on how producers may demonstrate RoHS compliance, among other issues. Individual governments have also produced such guidance documents; the UK even has a website dedicated to RoHS compliance: <http://www.rohs.gov.uk/>.

Ongoing studies on Eco-design for energy-using products (EuP)

The Directive of 6 July 2005 establishing a framework for the setting of eco-design requirements for energy-using products defines conditions and criteria for setting requirements regarding environmentally relevant product characteristics. One of the first steps in considering whether eco-design requirements should be set for a

particular product is the drafting of preparatory studies recommending ways to improve the environmental performance of a group of priority products. The contractors for the various preparatory studies have all been confirmed. The contractor for the Eco-design of residential room conditioning appliances (Lot 10) is the company Armines in France. The contractor for commercial refrigerators and freezers (Lot 12) is BIO Intelligence Service, also from France. Finally, the contractor for domestic refrigerators and freezers (Lot 13) is ISIS from Italy.

On 26 June 2006, BIO Intelligence Service held a stakeholder meeting with a view to preparing the preparatory study on commercial refrigerators. Various representatives of EPEE attended the meeting. The main outcome was:

- The final report will look at the impact on all environmental compartments. It is expected that the focus will lie on energy consumption during use.
- The final deliverable will be a factual assessment, no recommendations but scenarios (if..., then...). Based on the assessment, the Commission will decide whether and what kind of action is necessary. The Commission may well decide not to regulate if the benefits are minimal.
- The objective is to come up with an average or standard product ("base case") in each product category and to achieve a more detailed analysis of its environmental performance with a view to analyzing where or how (i.e. voluntary agreements, legislative measures) it can be improved.

The contractors intend to circulate a questionnaire to get a better understanding of the sector. The final report is expected to be finalised by summer 2007.

Finally, Armines will be holding a similar

stakeholder meeting for room conditioning appliances on 8 September 2006 to mark the start of the work on the preparatory study. There is no indication of the work plan for the ISIS-study as of yet.

Eco-Labeling for Heat Pumps

As we mentioned in our last edition, the EU is currently looking into establishing an eco-label for heat pumps. In this context, criteria for the attribution of the eco-label are being developed by a heat pump working group chaired by the Swedish competent body, SIS eco-label. Following a first series of meetings, EPEE had criticised the current approach by the working group and in particular by the chair in a first position paper submitted in March.

EPEE is currently working on its 2nd position paper taking into account comments made by various EPEE-members. The aim is to finalise the position paper by the end of August and submit it ahead of the next working group meeting on 22 September 2006.

Final criteria are expected towards the end of the year and then need to be agreed by regulatory commissions of national authorities and the Commission.

Additional information:

In this section, we will occasionally update members of ongoing institutional or third party studies/research projects of interest.

(A) Green Building Programme (GBP)

In 2005 the European Commission launched the GreenBuilding Programme (GBP). GreenBuilding is a voluntary programme aiming at improving the energy efficiency of non-residential buildings in Europe on a voluntary basis. The programme addresses owners of non-residential buildings to realise cost-effective measures which enhance the energy efficiency of their buildings in

one or more technical services.

In a pilot phase in the years 2005-2006, the GreenBuilding infrastructure is being set up in some European Countries (Austria, Croatia, Finland, France, Germany, Greece, Italy, Portugal, Slovenia, Spain and Sweden). In each participating country, a so-called National Contact Point is being established for aiding organisations who consider participation in GreenBuilding. The GreenBuilding pilot phase is a project supported by the European Commission's "Intelligent Energy for Europe" Programme. The GreenBuilding Programme is managed by the Joint Research Centre.

Further information is available at:
<http://energyefficiency.jrc.cec.eu.int/greenbuilding/index.htm>

(B) AUDITAC

Finally, EPEE would like to draw your attention to a project coordinated by the Austrian Energy Agency on field benchmarking and market development

for audit methods in air-conditioning.

The AUDITAC project is designed to:

- Accelerate the adoption of Air Conditioning inspection as described in the Energy Performance of Buildings Directive;
- Generate a number and variety of field demonstrations and benchmarks of inspection and AUDITs in Air Conditioning (hence the name AUDITAC);
- Promote best practice examples and procedures in such audits and consequent retrofits; and
- Help providing the means to achieve high quality audits, including investment-grade audits and actual works on the existing Air Conditioning facilities in the EU 25.

This project started last year and is expected to last until December this year. Further information is available at:
<http://ec.europa.eu/energy/intelligent/projects/doc/posters/auditac.pdf>

EPEE Events Calendar

September 19, 2006	Steering Committee Meeting ITELCO, Barlassina – Milan, Italy
September 25, 2006	Strategy Group Meeting <i>Making F-Gases a Success</i> Working Group Meeting Renaissance Hotel – Brussels, Belgium
October 3, 2006	Keeping Cool: Sustainability through Energy Efficiency in Refrigeration and Air-Conditioning Concert Noble – Brussels, Belgium
October 4, 2006	AGM Radisson SAS Europe Hotel – Brussels, Belgium

Please submit items for EPEE NEWS and the UPCOMING EVENTS CALENDAR to
secretariat@epeeglobal.org



The European Partnership for Energy and the Environment (EPEE) and
The European Fluorocarbon Technical Committee (EFCTC) have the pleasure of inviting you to

KEEPING COOL

Sustainability through Energy Efficiency in Refrigeration and Air Conditioning



www.epeeglobal.org



www.fluorocarbons.org

A specialist half-day conference with keynote speeches by
Klaus Toepfer
Former Executive Director of the UN Environment Programme
and
Terry Wyatt

Partner at Hoare Lea engineering consultancy
Immediate Past President of the Chartered Institution of Building Service Engineers

Tuesday, 3 October, 2006

14:00 – 18:30

Concert Noble, 83 Rue d'Arlon, B-1040 Brussels

Followed by a Champagne Reception.

*For further information and mandatory registration, please e-mail secretariat@epeeglobal.org.

PROGRAMME

13:30	Registration		
14:00	Welcome by EPEE Chairman		
	Part I: Sustainable Markets for Energy Efficiency – A Challenge?		Part II: Sustainable Operation – Good for the Planet and your Wallet
14:15 – 14:45	Keynote Speech: Professor Klaus Toepfer	16:30 – 17:00	Keynote Speech: Terry Wyatt
14:45 – 16:00	Panel Discussion followed by Q+A Moderator: Emily Smith, <i>European Voice</i> Panellists: ▪ Rainer Jacobs, <i>IZW Information Centre on Heat Pumps & Refrigeration</i> ▪ Alejo Vidal-Quadras <i>M&P (TBC)</i> ▪ Robert Mowris, <i>Mowris & Associates</i> ▪ Katherine Watts, <i>Climate Action Network</i>	17:00 – 18:15	Panel Discussion 2 followed by Q+A Moderator: Ewan Rose, former Editor-in-Chief of Building Services Group Panellists: ▪ Denis Clodic, <i>Ecole des Mines</i> ▪ Paolo Bertoli, <i>Joint Research Centre</i> ▪ Manuel Azuaga Moreno, <i>AENA (Spanish Airports Authority)(TBC)</i> ▪ Christian Komevall, <i>World Business Council for Sustainable Development</i>
	~ Coffee Break ~	18:15 – 18:30	Closing Remarks by EPEE Chairman ~ Champagne Reception