

THE LAMP

2003 Annual Report



FROM THE PRESIDENT

It gives me great pleasure to be involved in the very first issue of the THE LAMP – the annual report of the European Lamp Companies Federation (ELC). It is our intention that this annual communication will serve to inform the relevant EU institutions, sister Federations and other interested parties of the current and future activities pursued by this organisation.

The Lamp sector is known for being amongst the pioneers for investment in environmentally friendly and energy efficient production, thereby supporting efforts leading towards the reduction of energy consumption and CO₂ emissions - also of mercury emissions. Since its inception in 1985 the ELC has maintained a relatively low profile in the Brussels 'lobby spectrum'. It has however continued to provide a service in line with its original objectives i.e. to promote efficient lighting practice for the good of the environment & for the advancement of human comfort, health, and safety.

Recent changes to our structure & modus operandi (including the appointment of Mr. Gerald Strickland as full time Secretary General) have meant that we are now active on a host of issues of mutual importance to the EU institutions and the lamp sector. We have recently strengthened our networks at both the Brussels & Member State levels in light of the *Directive on Waste of Electrical & Electronic Equipment*. We look forward to developing further relationships in 2004 as we continue our Directive WEEE implementation plan in the member states and turn our attention to the onset of new legislative initiatives of consequence to our sector.



Jan Denneman
President ELC

OUR EXECUTIVE BOARD & WORKING GROUPS

Executive Board – is the executive representative of the common interest of the European Lamp Industry & the spokesperson for issues that require industry input in the European political decision making process.

Eco-Design – is to realise an effective lobby position for the Lamps Industry with regard to the Framework Directive on Eco-Design of Energy Using Products that fully reflects the industry position

Promotion of Energy Efficient Lighting – monitors and lobbies for European legislative developments in energy efficiency.

Waste of Electrical & Electronic Equipment – initiated to generate and coordinate all activities required for compliance of the European Lamps Industry with the upcoming EU Directive on Waste of Electrical and Electronic Equipment (Dir WEEE).

Energy & Environment – monitors and lobbies on behalf of the ELC new European legislative developments that may affect the interests of the ELC member companies. It also monitors national laws, which have international implications affecting the ELC.

Lamp Statistics – created in 2000 following the EU institutions request for market data for Waste and Environment policymaking addressed to the ELC Environment & Energy WG. The working group expertise is in the field of market research and statistics.

Product Safety – to find a common approach to product safety for the Lamps Industry and to ensure compliance with the General Product Safety Directive.

ELC NAME CHANGE

The ELC has recently changed its name and logo. As of 1st January 2004 the federation will officially be known as the European Lamp Companies Federation (previously European Lighting Companies Federation).

FORMER LOGO



ELC PUBLICATIONS & POSITION PAPERS PUBLISHED IN 2003

Information Leaflet on End-of-Life Vehicles – implications for car lamps

Radioactive Substances in Lighting Products

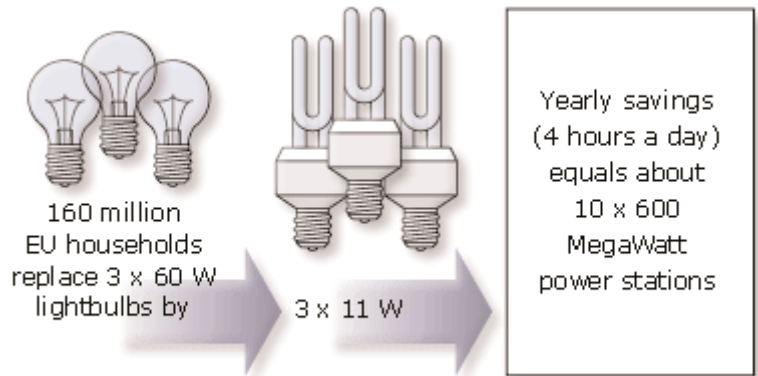
Let There be Light – Further to the Publishing of the EU Directive on the Waste of Electrical & Electronic Equipment

Please check our website **library & media corner** for any new publications of interest. You can also contact our Secretary General.

LEARNING

The magnitude of potential electricity savings when every household in the EU replaces the three most intensively used incandescent light bulbs (GLS) by energy saving compact fluorescent lamps (CFL-integral) producing the same amount of light is shown below. These savings can account for up to 75% of the quantity of energy consumed presently by light bulbs in domestic applications.

Apart from an enormous reduction in carbon dioxide, dust, sulphur and nitrogen oxide emissions, mercury emitted from the power stations will be reduced by some 440 kg annually. This amply compensates for the amounts of mercury needed to produce CFLs, ranging from 300-850 kg annually, depending whether the long-life or short-life type is required.



Saving potential EU households when GLS is replaced by CFL-integral

IN THE SPOTLIGHT

Fact: Gas discharge lamps (fluorescent tubes, compact fluorescent lamps, high pressure mercury lamps, metal halide lamps and high-pressure sodium lamps) are by far the most energy-efficient light sources on the market today.

Fact: Modern light sources, such as compact fluorescent lamps (CFLs), produce six times more light per watt consumed than traditional incandescent lamps. They can reduce energy consumption and thereby emissions from power stations by up to 80 percent. In addition, energy-saving lamps last up to 20 times longer.

Fact: Lamp recycling techniques create secondary material streams, such as glass, ferrous and non-ferrous materials as well as mercury containing fluorescent powder, which can be reused in various ways.

FOCUS GROUP WASTE OF ELECTRICAL & ELECTRONIC EQUIPMENT

The working group has this year developed a detailed blueprint entitled Let There be Light, which lays out its plans for the sustainable waste management of lamps in the EU and henceforth, to achieve the environmental goals of the WEEE Directive. The need to communicate this has become necessary due to the complex business model of the Lamp sector - in particular the amount rather than weight of Lamps, their long lifetime, their interchangeable use, and their very specific supply chain. The blueprint ensures the most efficient solution for users and the EU environment alike by:

- Ensuring that all WEEE Lamp manufacturers and importers participate in this sector specific Collection and Recycling scheme;
- Supporting the use of a single visible fee for financing the scheme;
- Setting aside a costly and redundant sorting system since one cannot distinguish between waste from private or non-private households.

In early 2003 this vision was communicated to all EU authorities via the ELC in co-ordination with its network of national associations, supported by the Ernst & Young Association Management network. This activity is set to continue into 2004 where plans for the set up & control of 'Collection & Recycling Service Organisations' to deal with 'lamp waste' will be crystallised. For further information Let There be Light – can be found on our website www.elcfed.org

FOCUS GROUP

PROMOTION OF ENERGY EFFICIENT LIGHTING (PEEL)

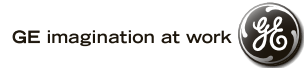
FOCUS – This year, the PEEL Working Group has put the final touches to an energy efficient lighting initiative, which aims to recommend ways to accelerate the move to new energy efficient technologies. The proposal focuses on the use of Energy Saving Lamps in domestic applications and other light saving applications in the professional sector such as Mercury Vapour Lamps and Halo Phosphate Fluorescent Lamps. These also have energy saving equivalents for all uses. In order to maintain a high level of consumer satisfaction, these new technical products have to comply with rigorous performance standards, which we propose, are enshrined in precise product charters and implemented by control systems. The first of a number of 'energy efficient cases' was presented at the Commission hosted conference for Energy Efficiency in Domestic Appliances & Lighting (EEDAL) held in Turin in October 2003.



Aura Light AB
www.auralightgroup.com



BLV Licht- und Vakuumtechnik GmbH
www.blv-licht.de



G.E. Lighting Europe Ltd
www.gelighting.com



Leuci SpA
www.leuci.com



NARVA Lichtquellen GmbH
www.narva-bel.de



OSRAM GmbH
www.osram.com



Philips Lighting BV
www.lighting.philips.com



Sylvania Lighting International (SLI)
www.sylvania-lighting.com



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