



CELMA

*Federation of National Manufacturers Association for
Luminaires and Electrotechnical Components for
Luminaires in the European Union*



Joint CELMA / ELC LED Forum Light+Building Fair 14 April 2010

Initiatives to promote LED Adoption

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Initiatives To Promote LED Adoption

- Initiatives, fall into 4 groups

Standards

Legislative & Regulatory

Voluntary

Fiscal



Initiatives To Promote LED

Adoption

- Many, many, initiatives; legislative, voluntary, fiscal
 - Global
 - Regional
 - National

- All good and the correct intention, but lack of alignment
 - Information exchange?



Initiatives To Promote LED Adoption Standards

Standards	Legislative & Regulatory	Voluntary	Fiscal
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	Safety (mandatory)	Performance
LED Control Gear (drivers)	IEC 61347-2-13, Published 2006	IEC 62384 Published 2006
LED Lamps	IEC 62560 Edition 1, Publication Expected 2010	IEC 62612/PAS Publicly Available
LED Modules	IEC 62031 Edition 1, Published 2008	Draft standard expected for April 2010 Public Available Specification (PAS) expected in 2010
LED Luminaires	IEC 60598 Edition 1 & 2, Published 2008	Draft under Preparation (based on IEC 62612, plus additions)





Initiatives To Promote LED Adoption

Legislation & Regulation

Standards

Legislative & Regulatory

Voluntary

Fiscal

- The European Industry strongly supports the future EcoDesign Regulation part 2 for directional household lamps
- The industry wishes that this future Regulation will cover LED lamps and Modules for ALL applications, not only for the household ones
 - Future Regulation should be based like the 245/2009 one on technology and not on application



Initiatives To Promote LED Adoption

Voluntary

Standards

Legislative & Regulatory

Voluntary

Fiscal

- Possible new EU Quality Charter for LED
- International Energy Agency (IEA) 4E S: project
 - = > excellent platform to exchange information at international level!
- Various other EU projects



International Energy Agency

PHOTONICS²¹
European Technology Platform





Initiatives To Promote LED Adoption

Fiscal

Standards

Legislative & Regulatory

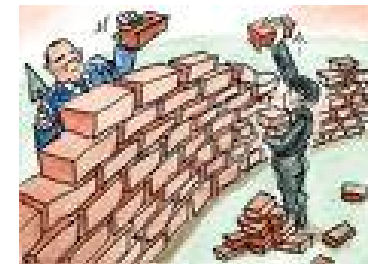
Voluntary

Fiscal

- There are many initiatives in the world



- Note: some countries are supporting their national LED industry





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**Thank you very much
for your kind attention!**

www.celma.org – www.elcfed.org