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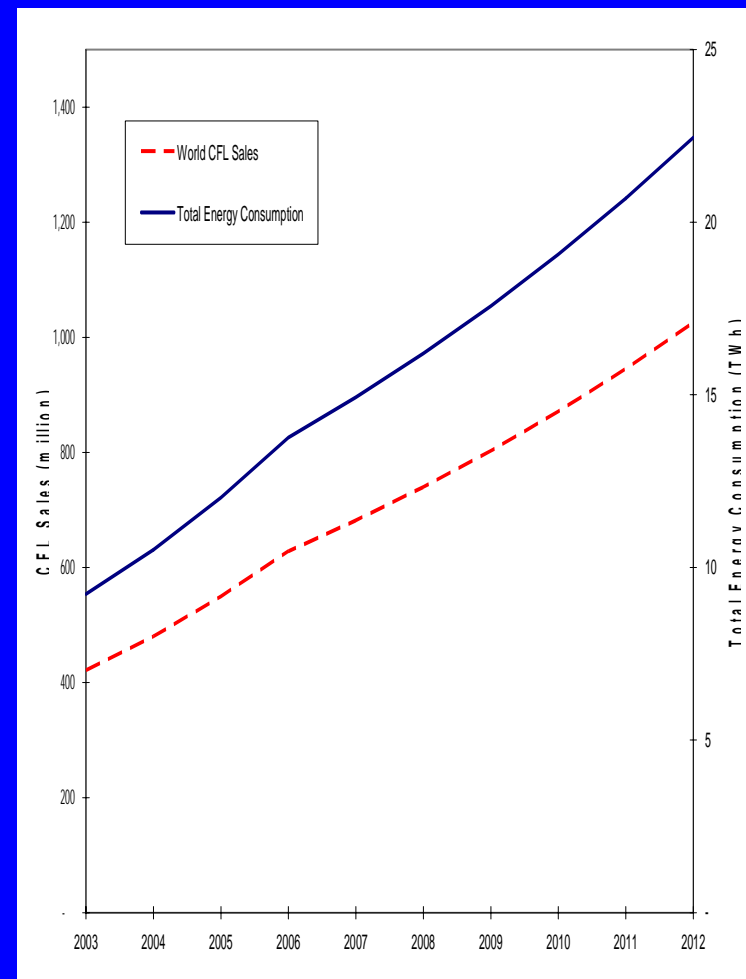


# **International Harmonisation of CFL Standards**

Washington  
*March 2005*

# background

- Internationally traded commodity
  - Self-ballasted > 420 m (2004)
  - > 1,000 m (2012)
- Significant energy consumption
  - 9 TWh (2004)
  - 22 TWh (2012)
- Many national programs to promote CFLs
  - MEPS & Endorsement Labels
  - Differences in Test Methods, Criteria & Performance Standards



# the opportunity

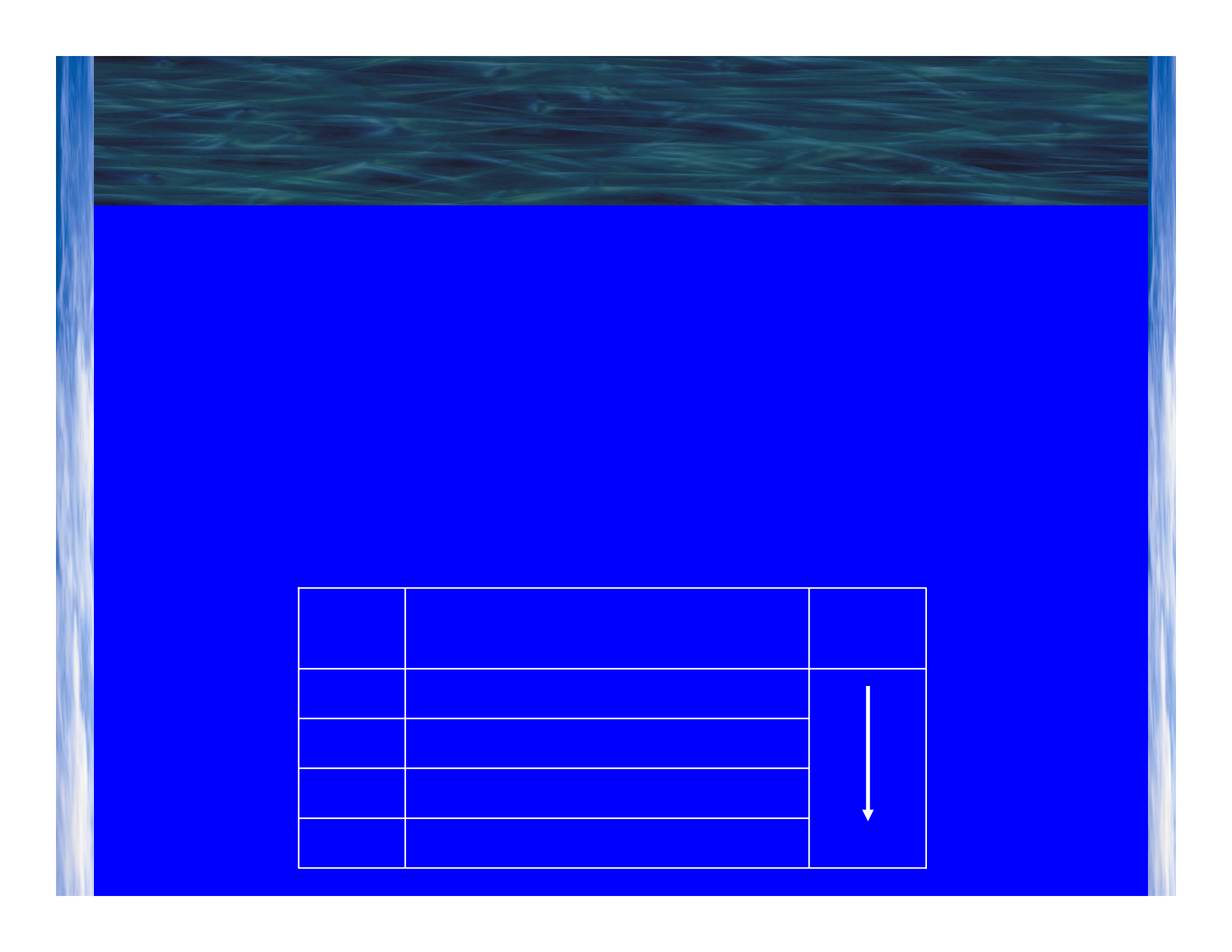
- Potential major benefits to manufacturers, regulators and energy efficiency agencies – enhanced trade and enforcement
- Right Light 6 conference in May 2005 – major event for international lighting industry
- Many countries currently considering updates to criteria and performance standards for CFLS
- Australia sponsoring a special session to discuss harmonisation of CFL standards
- Aims to achieve broad consensus over 2-3 years – NOT to remove ability of individual countries to set standards


# the proposal

- At the workshop to reach an 'in principle' agreement to:
  - Focus initially on self-ballasted CFLs
  - Develop a harmonised test procedure and submit to IEC
  - Develop a set of performance standards for core criteria, reflecting various stringency levels
  - Support a mandatory marking system to indicate compliance level
  - Self-fund activities of each jurisdiction
  - Support the co-ordination of this project by CLASP and/or REEP




# possible core criteria

- Core criteria could cover the following:
  - Efficiency level
  - Lumen Maintenance
  - Rated Average Lifetime
  - CFL Lifetime Claims
  - Power Factor
  - Colour rendering
  - Mercury level
  - GLS Equivalence
  - Start-up time
- Individual jurisdictions may add additional criteria such as safety, etc



# timetable

	2005	2006	2007	2008
Agreed test procedure				
Agreed Performance Standards				
Implementation by each jurisdiction				



*Thankyou*

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