

Project 2: Harmonisation of Standards and Labelling for Compact Fluorescent Lamps in Order to Reduce Trade Barriers in the APEC Economies (Australia, China)

The project has been completed and is awaiting formal sign off by EWG. It aimed reducing barriers to trade in APEC created by the existence of many different energy performance test methods and energy performance requirements for compact fluorescent lamps across the 21 APEC economies.

- The primary objective was to work with governments in APEC to exchange information and develop support for harmonizing a set of standards for testing, quality, minimum efficiency, and labelling schemes of compact fluorescent lamps (CFLs).
- A related objective is to promote harmonized technical standards by using the Efficient Lighting Initiative (ELI) labelling programme as a pilot tool for concrete cooperation among APEC economies.

The project is now finished. Through working cooperatively with other individual economies and regional and international initiatives (eg the CFLI and ELI), the project realised outcomes beyond the original planning including:

- A published detailed review of the CFL trade, local markets, standards and labelling systems and regional incentive programmes used in seven APEC economies.
- Detailed proposals for a revised CFL testing protocol that will facilitate harmonisation of CFL testing within all APEC economies, and harmonisation with a large number of economies beyond APEC. Proposals have been made to IEC for international adoption of the revised test procedure (IEC 60969). The proposals are now under review by the IEC technical group responsible for lighting.
- A proposed 3 tier performance specifications for the region, incorporating the ELI standards as been developed.
- A series of CFL testing results that not only verify (to date) the robustness of the testing protocol, but also demonstrate the compatibility of a number of testing laboratories within the APEC region.

An information programme is now underway to promote the anticipated new test methodology and performance measures. Further, the outcomes of the project are being taken forward by the CFLI and by the Australian and US governments combined Asia Pacific Partnership project and the US Eco-Asia project, which together are working with governments in the majority of the APEC region to promote adoption of project outcomes and increased harmonisation. A project report is currently being finalised.