



**Asia-Pacific
Economic Cooperation**

EWG Expert Group on Energy Efficiency & Conservation (EGEE&C)

USAID Sponsorship Proposal for APEC ESIS (United States)

Report to APEC Expert Group on Energy Efficiency & Conservation (EGEE&C 32)

Hong Kong, China
30-31 July 2008

Background

APEC's Expert Group on Energy Efficiency and Conservation (EGEE&C) has acknowledged the difficulties in implementing and securing funding for the APEC Energy Standards Information System (ESIS) on an ongoing basis, since no funding is available from the APEC Central Fund or other related APEC sources. APEC ESIS has been self-funded since 2003 by annual offers from APEC member economies participating in the EGEE&C. Since 2004, APEC ESIS has had a sponsorship agreement with CLASP, which supports the development and maintenance of the expanded APEC ESIS international database of appliance and equipment standards – the Global Standards and Labeling Database.

At EGEE&C 30 (February 2007 in Beijing), the EGEE&C endorsed two additional sponsorship proposals for APEC ESIS – one from the U.S. Agency for International Development (USAID) and one from the UK Market Transformation Program. These sponsorship proposals were later approved at the EWG meeting later that month in New Zealand. The sponsorships will enhance the usefulness and applicability of APEC ESIS to APEC members, by using substantial in-kind contributions from the sponsors to provide a more detailed and broader range of information and therefore further facilitating trade in efficient products. The sponsors will be responsible for coordinating with the APEC ESIS Secretariat to ensure proper integration of all relevant data into the APEC ESIS database. The sponsors will also be obligated report on the sponsorships twice a year to the EGEE&C, and the sponsorship will be overseen (as is current practice with the CLASP sponsorship) by the Project Steering Committee of the APEC ESIS self-funded projects, with reports on the sponsorships being included in the EGEE&C regular reports to the EWG.

Project Activities

USAID is carrying out the sponsorship of APEC ESIS through its ECO-Asia Clean Development and Climate Program (ECO-Asia CDCP), which promotes clean energy policies, technologies, and finance in six Asian countries: China, India, Indonesia, Philippines, Thailand, and Vietnam. In the area of energy-efficient lighting, ECO-Asia CDCP has been focusing on the quality and standards for energy-saving compact fluorescent lamps (CFLs).

ECO-Asia CDCP has developed an agreement, called the Asia CFL Quality Charter, with the world's top lighting companies, and national lighting associations, to develop a set of harmonized performance tiers for CFLs sold in Asia, and to set up a product marking system. Participating companies include Philips, OSRAM, GE, and Havells Sylvania, and participating national lighting

associations include Australia, Philippines, Indonesia, and India. To support this effort, ECO-Asia CDCP is carrying out a survey of CFL technical specifications and standards throughout the Asia region, including APEC economies, as well as additional economies in South and Central Asia.

During May and June, ECO-Asia CDCP sent out survey questionnaires to energy and lighting officials in a number of APEC economies, as well as non-APEC economies in Asia. The project team is in the process of reviewing and analyzing the data, and asking detailed follow-up questions of the respondents.

Project Results

Data on CFL technical specifications and standards has been updated for five APEC economies: China, Indonesia, Philippines, Thailand, and Vietnam. The project team is in the process of updating and reviewing CFL data for other APEC economies, as well as some non-APEC economies.

Status of Collected CFL Data

The table below shows the relative completeness of CFL data collected from APEC economies. Complete data have been collected for 8 economies, and data collection is in process for an additional 5 economies. Economy delegates are encouraged to contact Jose Frazier Gomez of ECO-Asia CDCP (josefrazier@cleanenergyasia.net) to provide links to qualified experts and officials in their economy that can help to review and update the CFL information.

| Economy | Status of CFL Data | Economy | Status of CFL Data |
|-------------------|--------------------|----------------------------|--------------------|
| Australia | Complete | Papua New Guinea | In process |
| Brunei Darussalam | In process | People's Republic of China | Complete |
| Canada | None | Peru | None |
| Chile | None | Philippines | Complete |
| Chinese Taipei | None | Republic of Korea | None |
| Hong Kong, China | None | Russia | In process |
| Indonesia | Complete | Singapore | In process |
| Japan | None | Thailand | Complete |
| Malaysia | In process | USA | Complete |
| Mexico | None | Viet Nam | Complete |
| New Zealand | Complete | | |

Next Steps

ECO-Asia CDCP shall continue the review and update of information on standards related to compact fluorescent lamps (CFLs) in Asian economies, in the APEC ESIS database. The following steps are proposed:

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| Date | Activity |
|--------------|---|
| Aug 2008 | Continue updating of CFL standards data, with targeted contact to relevant experts and officials in APEC economies. |
| Aug-Sep 2008 | Continue discussion with CLASP to discuss arrangements for providing updated data for CFLs to be added to the APEC ESIS database. Arrangements would include use of USAID logo on relevant pages and content-sharing agreement, so that data developed under the sponsorship can also be posted on the ECO-Asia CDCP website. |
| Oct-Dec 2008 | Carry out the updating of CFL data and establishment of CFL sponsorship page |
| Jan-Feb 2009 | Send notice to EGEE&C delegates when data for CFLs is updated, requesting review and updating by APEC economies. |
| June 2009 | Conduct regional CFL meeting organized by ECO-Asia CDCP held as a side meeting at the Asia Clean Energy Forum at ADB Headquarters in Manila during month of June 2009 to update existing CFL information |
| Jul-Sep 2009 | Revision and updating of data after the regional CFL meeting. |

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