

Update on US-led Projects funded by APEC EGEE&C

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2015 – 2016 US-Led Projects



EWG-04-2015A: Enhancing Regional Conformity Assessment to Ensure Successful ISO 50001 Standard Outcomes (USA)

EWG-06-2015A: Establishing Lighting Best Practices and Educational Programs to Achieve Deep Energy Saving (USA)

EWG-01-2016A: Gaps Assessment on APEC Energy Efficiency and Conservation Work toward Fulfilling the Leaders' Energy Intensity Reduction Goal (USA)

EWG-08-2016A: Workshop to Develop Qualified Product Lists for High-Quality and High Efficiency Commercial, Industrial, and Outdoor Lighting Products and Control Systems in the APEC Region (USA)





**Asia-Pacific
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King Mongkut's
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Establishing Lighting Best Practices and Educational Programs to Achieve Deep Energy Saving *an APEC Regional Collaboration with University Lighting Centres and Research Institutions*



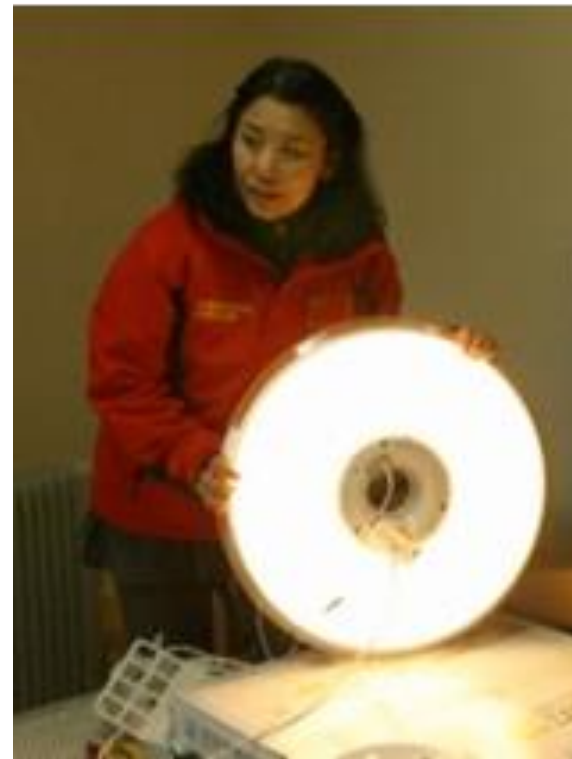
APEC Energy Working Group/Expert Group on Energy Efficiency and Conservation

Project Overseer: Dr. Cary Bloyd - Project No. EWG 06/2015A

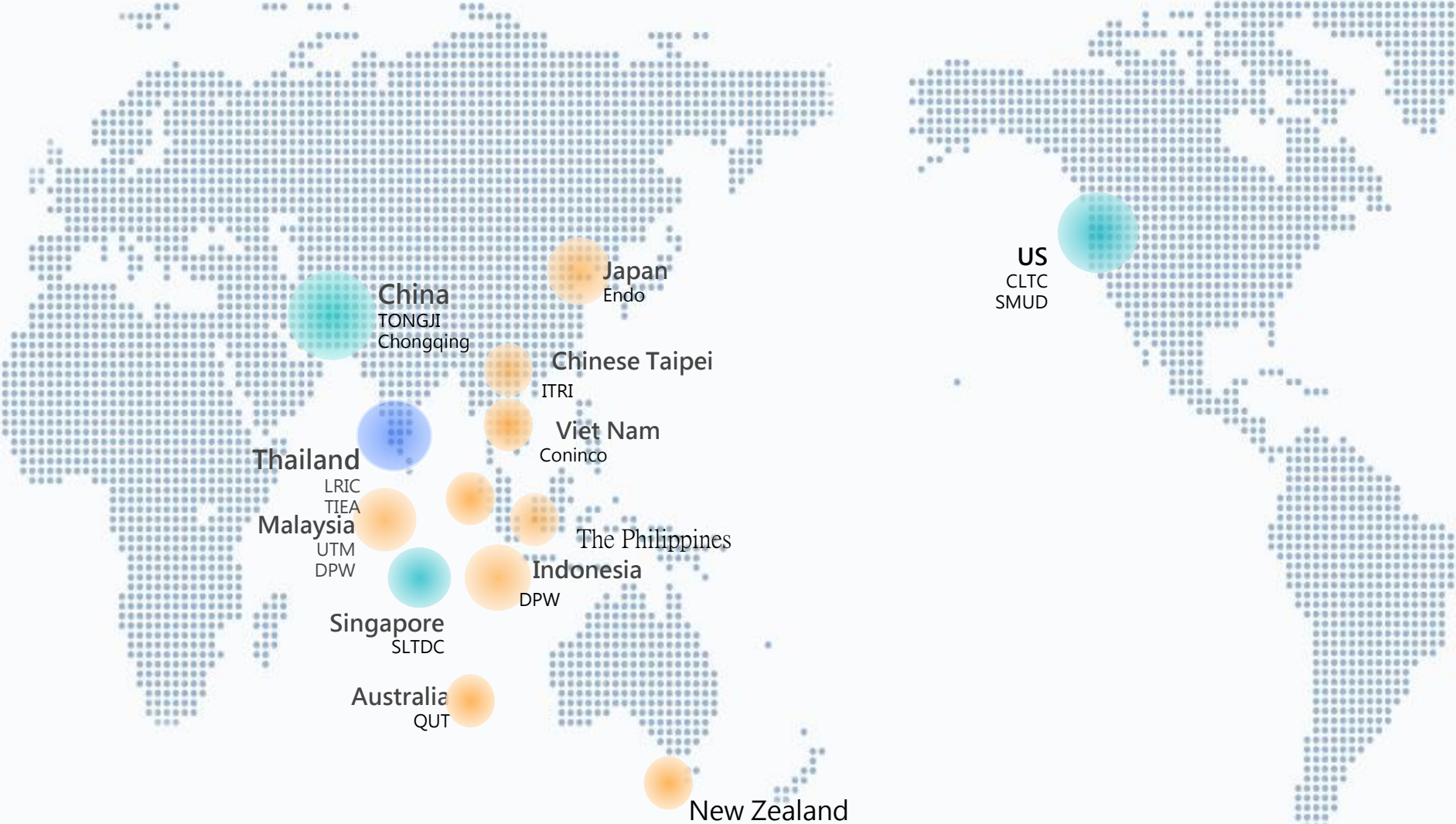


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OBJECTIVES



1. Identify lighting best practices based on relighting efforts in each APEC economy that contribute to deep energy savings
2. Develop a common and unified education program to be disseminated in multiple APEC member economies



*based on the APEC economies contributing to the 2013 workshop in Bangkok

Expected lighting research centers and organizations* contributing to the workshops

PLANNED ACTIVITIES: The first workshop

1. Conduct a pre-workshop survey on challenges and potential lighting best practices (*August-October 2015*)
2. Prepare a template of lighting best practices and send to tentative speakers and participants (*October-November 2015*)
3. Organise and conduct the first workshop in Bangkok, Thailand - hosted Thailand - hosted by Lighting Research and Innovation Centre (LRIC), KMUTT (*December 2015*)
4. Analyse the information discussed at the workshop and develop the develop the project' s website to provide a virtual platform for further exchanges (*January-March 2016*)

PLANNED ACTIVITIES: The second workshop

1. Develop a draft of common and unified curriculum for educating building professionals on lighting best practices (*April-August*)
2. Organise and conduct the second workshop in Shanghai, China - hosted by Tongji University (*September 2016*)
3. Refine and finalise the curriculum and guidebook for education program according to the agreed format and contents (and *September-October 2016*)
4. Disseminate the education guidebook on the project' s website and encourage the participating institutions to implement, then (*October 2016*)
5. Explore the possibility of organizing a regular dedicated lighting application conferences for the APEC region; summary of the *2016*)