

Proposal for Self-Funded Project by Chinese Taipei

**Workshop for the Development of LED Optical
Lighting Standards and Testing Technology**

July 30, 2009

Motivation

- This project is tried to remove the trade barriers for the development of emerging LED optical lighting devices.
- The application of LED lighting devices can reduce the energy consumption in the lighting and make a contribution to the sustainable development of our Earth.
- This also can match the goal set up by the APEC Leaders for the energy conservation and carbon deduction.

Objectives

- Share the experience in the testing technology for LED lighting modulus and fixture.
- Exchange the experience in the development of standards for LED lighting elements and device.

Beneficiaries

- The intended beneficiaries of the workshop are the users, manufacturers, and traders of LED optical lighting devices in the APEC communities.
- During this workshop, every party in the APEC Region is welcome to provide their suggestions and opinions to make the workshop more successful and realistic.
- Upon the project completion, the intended beneficiaries are welcome to use it to evaluate the performances of the LED lighting devices to be used, purchased, and traded for any other regions considered.

Output

- Set up the common interesting and platform for the development of LED lighting standards.
- It will include the lighting source, modules, fixtures, testing procedureetc.
- We also expect to come out a mechanism to initiate different standards for LED lighting products and exchange the experience about the LED technologies.

Methodology

- Chinese Taipei will organize and host this international workshop to share the experience in the testing technology for LED lighting modulus and fixtures and discuss the future development strategy for the LED optical lighting technology.
- The expertises from USA, Japan, China, Chinese Taipei, or others will be invited to joint this workshop to share their experience.
- Every Economics is welcome to attend the workshop and make a contribution to this workshop.
- This project host, Chinese Taipei, has many experiences in hosting the international conference. We are very confident to make the workshop smoothly and draw the attention from the APEC Economics.

Participants

- This workshop is mainly organized and hosted by Chinese Taipei.
- However, during the organizing stage, we welcome the members from APEC economies to join us in providing us the valuable opinions.
- In the meantime, we also welcome any members having the relevant experiences in LED lighting standards or testing technologies to give us the constructive suggestions.
- Every Economics is welcome to attend the workshop/panel discussion and make a contribution to this workshop.

Schedule of the Workshop

First day -- Seminar			
Time	Topic	Speaker	
8:30 ~ 9:00	Registration		
9:00 ~ 9:30	Opening Ceremony		
9:30 ~ 10:00	The strategy and status for the development of LED optical lighting industry in Taiwan	From MOEA/BOE (Chinese Taipei)	
10:00 ~ 10:20	Break		
10:20 ~ 11:10	The testing and evaluation technology for the optical performance of LED lighting	From CIE (USA)	
11:10 ~ 12:00	The standards development for the LED lighting modules and fixtures	From T-Mark (Japan)	
12:00 ~ 13:00	Lunch Break		
13:00 ~ 13:50	The testing and standards requirement for the application of street lamp	From Zhejiang University (China)	
13:50 ~ 14:10	Break		
14:10 ~ 15:00	The safety requirement for the LED lighting	From UL (USA)	
15:00 ~ 15:20	Break		
15:20 ~ 16:10	The testing facilities and capability in Taiwan	From ITRI (Chinese Taipei)	
16:10 ~ 17:00	Discussion		
18:00 ~ 21:00	Welcome Dinner		
Second Day – Panel Discussion			
9:00 ~ 9:30	Citation Speech -- The future of LED optical lighting industry	From TEEMA (Chinese Taipei)	
9:30 ~ 12:00	Discussion	Panel Member: 6 speakers in the first day	
12:00 ~ 13:30	Lunch and Votes for Thanks		

Budget

- The overall budget for this project is about US\$45,000.
- The budget will be provided by Chinese Taipei.

Thanks for your attention
and
Hope your support for this project