



**Asia-Pacific  
Economic Cooperation**

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**2013/EWG46/010**

Agenda Item: 7a

## **Progress Report Including Project Highlights - APEC Energy Smart Communities Initiative Knowledge Sharing Platform**

Purpose: Information

Submitted by: Chinese Taipei



**46<sup>th</sup> Energy Working Group Meeting  
Da Nang, Viet Nam  
18–21 November 2013**

**EWG 46 Agenda item 7(a)**  
**Progress Report Including Project Highlights (APEC Energy Smart Communities Initiative  
Knowledge Sharing Platform)**  
Da Nang, Viet Nam  
18-21 November 2013

## **Overview**

The ESCI was inaugurated in November 2010 by U.S. President Barack Obama and Japanese Prime Minister Naoto Kan. The KSP is one component of the Energy Smart Communities Initiative and is a tool for collecting and sharing best practices for creating energy smart communities.

The ESCI Knowledge Sharing Platform aims to achieve the following goals:

- Provide case studies, policy briefs, research findings, and data on Smart transportation, Smart Buildings, Smart Grid, Smart Jobs and Consumers, and Low Carbon Model Town in order to demonstrate the practicality of clean energy technologies related to the APEC goal to reduce energy intensity by 45% of 2005 by 2030.
- Inform APEC decision makers about green growth, sustainable development and long term job creation.
- Serve as a communication resource for the APEC energy working group and associated partners.

The ESCI-KSP currently has nearly 300 entries contributed by 18 APEC economies([esci-ksp.org](http://esci-ksp.org)). 153 in smart transportation, 77 in smart building, 43 in smart grid, 12 in smart Job, and 8 in LCMT.

## **2013 Annual ESCI Best Practices Awards Program**

### Background

To continue working on developing new methods, technologies and applications, the 2013 Annual ESCI Best Practices Awards Program, implemented by ESCI-KSP management team, was endorsed by APEC energy working group at the EWG45 meeting in Koh Samui, Thailand.

The Annual ESCI Best Practices Awards program offers an opportunity to encourage best practices, facilitate knowledge-sharing and give public recognition to accomplishments in energy efficient projects within the APEC region and to foster collaboration between public and private sectors on these efforts.

In showcasing best practices and innovation in energy efficiency related to transport, buildings, grids, jobs and low carbon model towns, the Awards Program aims to foster the development of innovative solutions, policies and programs in energy efficiency that will directly benefit APEC member economies

Awards are made in two categories: individual projects and integrated projects. An individual project is one that employs one technical method. An integrated project is one that employs more than one technical method.

### Outcomes

The competition attracted nearly 300 top-drawer entries - 98 in the individual level and 195 in the integrated level.

#### **Integrated Level**

Gold: Samui Island LCMT Project (Thailand)  
Silver: Yinnge-Waterfront Cultural Town (Chinese Taipei)  
Bronze: National Library Building (Singapore)

#### **Individual Level**

Gold: Get Downtown in Ann Arbor (U.S.A)  
Silver: Solar Cities Program (Australia)  
Bronze: Car-Sharing in Fukuoka (Japan)



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# Updated Progress on ESCI Knowledge Sharing Platform(KSP)

**EWG46**

**Da Nang, Viet Nam**

**CHINESE TAIPEI**

**19 November 2013**



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# Contents

**I. APEC ESCI-KSP Workshop**

**II. 2013 Annual ESCI Best Practices Awards**



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# I. APEC ESCI-KSP Workshop

## ***Announcement of Launch of ESCL in Nov 2010, Yokohama, Japan***





# Purpose of the Workshop

The Knowledge Sharing Platform (KSP) is a tool for collecting and sharing best practices for creating energy smart communities. The KSP is one component of the Energy Smart Communities Initiative (ESCI) launched in November 2010 by the U.S. President Barack Obama and Japanese Prime Minister Naoto Kan within the Asia-Pacific Economic Cooperative (APEC). The purpose of workshop is to look at recent advances and future prospects in smart transportation, smart buildings, smart grids, smart jobs, and low carbon model towns for regional sustainable development.

## Key Objectives

**The main objective is to bring together the APEC economic members for a thorough and lively discussion on the ESCI's areas of focus and to share expertise and experiences across the APEC region.**



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# Agenda



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## 18 November 2013

10:45-11:00	<p>Opening Statement</p> <p>Dr. Wang-Hsiang Hwang, Deputy Minister, CEPD, Chinese Taipei Dr. Phyllis Yoshida, Lead Shepherd of APEC-EWG</p>
11:00-11:20	<p>Awards Ceremony</p>
	<p>1. Introducing the Awards and Jury Members Amy Montgomery, Managing Director of Penn Institute for Urban Research</p> <p>2. Award Presentation Integrated: Dr. Phyllis Yoshida, Lead Shepherd of APEC-EWG Individual: Dr. Wang-Hsiang Hwang, Deputy Minister, CEPD, Chinese Taipei</p>
11:20-11:25	<p>Photo Section</p>
11:25-12:05	<p>Best Practices Sharing</p>
	<p>1. Integrated Award Level: Gold: Samui Island LCMT Project (Thailand) Silver: Yingge - Waterfront Cultural Town (Chinese Taipei) Bronze: National Library Building. (Singapore)</p> <p>2. Individual Award Level: Gold: Get Downtown" in Ann Arbor (United States) Silver: Solar Cities Program (Australia) Bronze: Car-sharing in Fukuoka (Japan)</p>
12:05-12:30	<p>Keynote Speech</p> <p>Topic: TBD Amy Montgomery, the Managing Director of PennIUR</p>
12:30	<p>Adjourn</p>



# Conclusion

1. The workshop successfully provides an opportunity for economies to demonstrate and share their achievement, experience and plans in the fields of smart transportation, smart building, smart grid and smart jobs and consumers, and low carbon model town.
2. More exemplary projects implemented by either by public or private sectors are encouraged to contribute to the Knowledge Sharing Platform to inspire innovative solutions in energy efficiency improvement in the region.



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# Pictures



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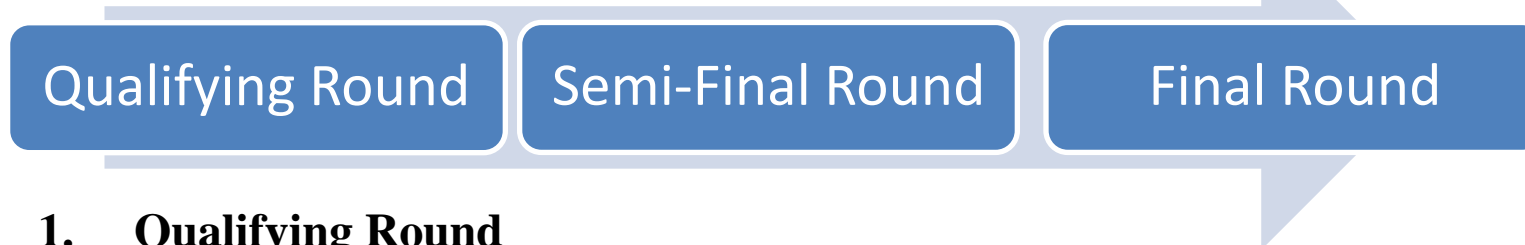
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## II. 2013 Annual ESCI Best Practices Awards

# Purpose

- to recognize projects that exemplify best practices for energy efficiency of five pillars of ESCI: Smart Buildings, Smart Transport, Smart Grid, Smart Jobs, and Low Carbon Model Towns.
- APEC member economies will directly benefit from the competition by encouraging the development of innovative solutions, policies and programs.

**The Program is divided into 3 phases:**



## **1. Qualifying Round**

Projects will be evaluated by the ESCI-KSP management team against the criteria including:

- (1) APEC economies-submitted projects.
- (2) Projects with clear goals and objectives, complete implementation strategies, stages, and measures.

## **2. Semi-Final Round**

The five-member jury, drawn from the EWG members, selects 10 projects from qualifying round for each category (individual and integrated) to go forward to the semi-final round

**Jury Chair:** Dr. Eugenie Birch, Professor of Urban Research, Department of City and Regional Planning, University of Pennsylvania

**Jurors:**

1. Ms. Susan Moir (Canada)  
Senior Policy Advisor, International Energy Division, Energy Sector, Natural Resources Canada
2. Mr. Sun Yang (China)  
Program Official, Department of International Cooperation  
National Energy Administration
3. Dr. Jyuung-Shiauu Chern (Chinese Taipei)  
Section Chief, Planning Division, Bureau of Energy, Ministry of Economic Affairs
4. Dr. Twarath Sutabutr (Thailand)  
Deputy Director-General, Department of Alternative Energy  
Development and Efficiency



## Integrated Level

**Gold: Samui Island LCMT Project (Thailand)**

**Silver: Yinnge-Waterfront Cultural Town (Chinese Taipei)**

**Bronze: National Library Building (Singapore)**

## Individual Level

**Gold: Get Downtown in Ann Arbor (U.S.A)**

**Silver: Solar Cities Program (Australia)**

**Bronze: Car-Sharing in Fukuoka (Japan)**







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***Your comments are welcome!***

**Agenda of APEC Energy Smart Communities Initiative Knowledge Sharing Platform Workshop**  
18 November 2013, Da Nang, Viet Nam

10:45~11:00 **Opening Statement**

Dr. Wang-Hsiang Hwang, Deputy Minister, CEPD, Chinese Taipei

Dr. Phyllis Yoshida, Lead Shepherd of APECEWG

11:00~11:20 **2013 Annual ESCI Best Practices Awards Ceremony**

1. Introducing the Awards and Jury Members  
Amy Montgomery, Managing Director of Penn Institute for Urban Research

2. Awards Presentation

Integrated: Dr. Phyllis Yoshida, Lead Shepherd of APECEWG

Individual: Dr. Wang-Hsiang Hwang, Deputy Minister, CEPD, Chinese Taipei

11:20~11:30 **Photo Session**

11:30-12:10 **Best Practices Sharing**

1. Integrated Award Level:

Gold: Samui Island LCMT Project (Thailand)

Silver: Yingge-Waterfront Cultural Town (Chinese Taipei)

Bronze: National Library Building (Singapore)

2. Individual Award Level:

Gold: Get Downtown in Ann Arbor (United States)

Silver: Solar Cities Program (Australia)

Bronze: Car-sharing in Fukuoka (Japan)

12:10~12:30 **Report on ESCI-KSP**

Amy Montgomery, Managing Director of Penn Institute for Urban Research

12:30 **Adjourn**