



Energy  
Smart  
Communities  
Initiative

Knowledge  
Sharing  
Platform

# USER GUIDE

# GETTING STARTED

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

## ESCI-KSP Aims to Achieve the Following Goals

- ▶ To demonstrate the practicality of clean energy technologies related to the APEC goal to reduce energy intensity by 45% of 2005 by 2035, and renewable energy doubling goal.
- ▶ Provide case studies, policy briefs, research findings, and data on smart transport, smart buildings, smart grid, smart jobs and consumers, and low carbon model towns.
- ▶ Serve as a communications resource for the APEC Energy Working Group (EWG) and associated partners. Inform APEC decision-makers about green growth, sustainable development and long term job creation.

# THE ESCI-KSP SITE

The ESCI-KSP site is located at [www.esci-ksp.org](http://www.esci-ksp.org). The ESCI-KSP is organized around 5 sections: Smart Transport (ST), Smart Buildings (SB), Smart Grid (SG) and Smart Jobs (SJ), and the cross cutting element, Low Carbon Model Towns (LCMT). Each respective section is further broken down into sub-sections.

## ▶ Smart Transport (ST)

- ST-1: Energy Efficient Urban Transport Network
- ST-2: Energy Efficient Freight Transport Network
- ST-3: Electromobility Survey and Roadmap
- ST-4: Electric Vehicle Demonstrations

## ▶ Smart Buildings (SB)

- SB-1: Low Energy Buildings Network
- SB-2: Materials Testing and Ratings Center
- SB-3: Cool Roof Demonstrations
- SB-4: Low Energy Windows Demonstrations

## ▶ Smart Grids (SG)

- SG-1: Smart Grid Survey and Roadmap
- SG-2: Smart Grid Test Bed Network

## ▶ Smart Jobs & Consumers (SJ)

- SJ-1: Energy Efficiency Training
- SJ-2: Energy Efficiency School Curricula
- SJ-3: Sister Schools Programs

## ▶ Industry Zone (In):

- In-1: Industry Overview
- In-2: Enterprise Portfolio
- In-3: New Technology Application

## ▶ Low Carbon Model Towns (LCMT)

# NAVIGATING THE ESCI-KSP SITE

## Home Page

► **HOME PAGE** is found at [www.esci-ksp.org](http://www.esci-ksp.org). From the Home Page, you can access both the sections and subsections by hovering the cursor over any of the 6 section images.

► **The Home Page contains:**

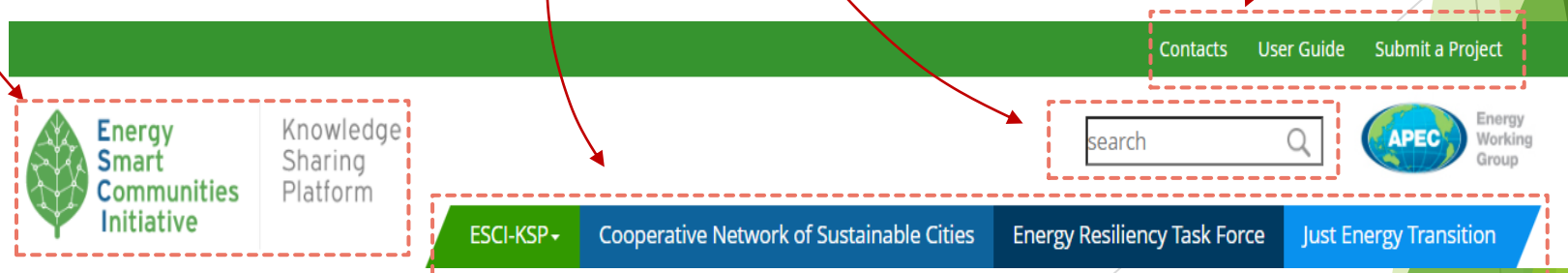
- Header Navigation Bar
- Upcoming and recent events related to ESCI-KSP
- Featured projects from each sector of ESCI
- Recently added projects and related videos to ESCI



# NAVIGATING THE ESCI-KSP SITE

## Header Navigation

- ▶ **HEADER NAVIGATION** is available at all times during your navigation throughout the site at the top of each page. It contains links to:
  - ▶ **Home Page:** Click ESCI-KSP logo and return to the home page.
  - ▶ **Contacts:** Email us for further information.
  - ▶ **User Guide:** Download a soft copy of the user guide or read online.
  - ▶ **Submit a Project :** Project Submission.
  - ▶ **Project Search :** Search projects by keywords.
  - ▶ **About ESCI-KSP & Partnership:** Partners under EWG cooperation framework.



# NAVIGATING THE ESCI-KSP SITE

## Recent Event Page

- ▶ **RECENT EVENT PAGE** can be accessed through the Headline image.

The screenshot shows the ESCI-KSP website interface. At the top, there are navigation links: "Contacts", "User Guide", and "Submit a Project". Below this is a search bar and the ESCI-KSP logo. A horizontal menu contains "ESCI-KSP", "Cooperative Network of Sustainable Cities", "Energy Resiliency Task Force", and "Just Energy Transition". The main content area features a large headline image for "APEC Energy Smart Communities Initiative (ESCI) Best Practices AWARDS" with a "Call for Projects!" button. Below this are three categories: "Smart Transport", "Smart Buildings", and "Smart Grids". A red dashed box highlights the headline image, with an arrow pointing to the text "Click the Headline image." A red arrow also points from the "Smart Buildings" category to a detailed view of the "APEC Energy Smart Communities Initiative Best Practices Awards Program" page. This detailed view includes a title, a paragraph of text, and two image cards: "6th ESCI Best Practices AWARDS" and "2022 The 5th ESCI Best Practices Awards Program", each with a "READ MORE" button.

**Click the Headline image.**

**Link to Recent Event Page.**

# NAVIGATING THE ESCI-KSP SITE

## Section Page

- ▶ Users can explore each section by clicking the **representative image** on the Home Page.
- ▶ Once you click on the image of your choice, you will be directed to the sub-section management page.
- ▶ Users also can click on **subsection links** to visit specific subsection within that section.

The screenshot displays the ESCI-KSP website interface. At the top, there is a green navigation bar with links for 'Contacts', 'User Guide', and 'Submit a Project'. Below this, the 'Energy Smart Communities Initiative' logo is on the left, and a search bar is on the right. The main navigation menu includes 'ESCI-KSP', 'Cooperative Network of Sustainable Cities', 'Energy Resiliency Task Force', and 'Just Energy Transition'. A large banner features a 'Call for Projects!' button and the text 'APEC Energy Smart Communities Initiative (ESCI) Best Practices AWARDS' next to a photo of award recipients. Below the banner, three sub-sections are visible: 'Smart Transport', 'Smart Buildings', and 'Smart Grids'. A red dashed box highlights the 'Smart Transport' sub-section, which includes a list of links: 'Energy Efficient Urban Transport Network', 'Energy Efficient Freight Transport Network', 'Electromobility Survey and Roadmap', and 'Electric Vehicle Demonstrations'. Another red dashed box highlights the 'Smart Transportation' sub-section management page, which features a 'Select a Task' dropdown menu and four image-based links: 'Energy Efficient Urban Transport Network', 'Energy-Efficient Freight Transport Network', 'Electromobility Survey and Road Map', and 'Electric Vehicle Demonstrations'.

# NAVIGATING THE ESCI-KSP SITE

## Project Pages

- ▶ **Project Pages** contains following elements:
  - ▶ **Project Title:** Project name and managing economies will be included.
  - ▶ **Project Description:** A feature image and article with the full narrative, posted and last modified date will be included as well.
  - ▶ **Further Information:** Further information depends on project submission will be included.
  - ▶ **Quick Navigation Bar:** Users can use this navigation bar to switch between specific subsection pages.

**Quick Navigation Bar**

Select a Task

- Industry and Enterprise
- Industry Overview
- Enterprise Portfolio
- New Technologies Application
- Smart Transportation**
  - Energy Efficient Urban Transport Network

**Kaohsiung City**

Chinese Taipei

Facing Taiwan Strait on the west and Bashi Channel on the south, Kaohsiung is a beautiful and modern metropolis located in southern Taiwan as well as the second largest city of this island.

Kaohsiung has various landscapes: the lush Chai Mountain and Banping Mountain, the clear and serene Lotus Pond, and the Love River flowing across the city. This subtropical city is often full of sunshine and gentle breeze from the sea. Sitting between Cijin Island and downtown, Port of Kaohsiung is a world-class port in Taiwan as well as an international trading hub. The ceaseless ships and containers from the world represent the energy and vitality of the business in Kaohsiung.

On December 25, 2010, Kaohsiung City merged with Kaohsiung County as the Greater Kaohsiung, a metropolis occupying an area of 2,947 km<sup>2</sup> extending from Development Bureau, transportation Bureau, Kaohsiung Mass Rapid Transit, Public Works Bureau, Urban Development Bureau, Agriculture Bureau, Tourism Bureau, Finance Bureau.

Posted: July 30, 2015 Last Modified: October 1, 2015

**Managing Organization:**  
Environmental Protection Bureau of Kaohsiung City Government

**LCMT Project Status:**  
Submitted For Review

**Type of Town:**  
Urban (Central Business District)

**Coverage Rate of Population with Access:**  
95.58% (2013)

**Power Plant Capacity (GW):**  
Hsinta Power Plant: 432.6 MW,  
Tainan Power Plant 480 MW, Nansu Power Plant: 111.78 MW

**Per Capita Area of Paved Roads (m<sup>2</sup>):**  
23.79

**Per Capita Area of Public Green Space**

Further information



# ESCI-KSP FUNCTIONALITY

## Submitting a Project

① Click **“Submit a Project”**

Contacts User Guide **Submit a Project**

Energy Smart Communities Initiative Knowledge Sharing Platform

ESCI-KSP Cooperative Network of Sustainable Cities Energy Resiliency Task Force Just Energy Transition

search

### Submit Your Project

② Fill **“Submission Form”**  
**Off-line and Email Us**

Registered users may submit their own projects for inclusion in the ESCI Knowledge Sharing Platform. You may submit your project through a form on this website (left section) or by downloading a submission form to complete offline. If you choose to download the submission form, please email the completed form to [info@esci-ksp.org](mailto:info@esci-ksp.org)

**Download a Submission Form**

Please select the type of project that you would like to submit.

Select a Task

② Fill **“Submission Form”**  
**Directly On-line**

Users may submit their own projects for inclusion in the ESCI Knowledge Sharing Platform. You may submit your project through the **online form** on this website (right section) or by downloading a submission form to complete offline. If you choose to download the submission form, please email the completed form to [info@esci-ksp.org](mailto:info@esci-ksp.org).

<https://forms.gle/jcavgsqb959Biayx5>

- ▶ **Submitting a Project:** Users will be able to submit their own project on ESCI-KSP website by:
  - ▶ Completing an **“Online Submission Form”**, **OR**
  - ▶ Downloading the **“Submission Form”**, completing it offline, then emailing to Site Contact.

# ESCI-KSP FUNCTIONALITY

## Submitting a Project

### ▶ Getting Published:

- ▶ After reviewing the “*Project Submission Form*” submitted by Users, a project will be published and posted on the website.

### ▶ **NOTE:** The **Non-advertising Regulation** will be adopted in reviewing project of Industry Zone:

- ▶ User submissions shall contain profiles of energy efficiency-related industry organizations or technologies. Products/organizations cannot be given priority for promotional purposes. Price, detailed specification, and payment terms shall not be mentioned in the submission.
- ▶ Users submitting content to the ESCI-KSP are responsible for authenticity of the data issued. The posting of false, inauthentic data may result in suspension of user privileges.
- ▶ Any pecuniary related activities (e.g. inquiry and deposit) shall not appear on the website. Please contact the vendors directly for purchase inquiries, etc.
- ▶ Malicious businesses are forbidden. Users shall hold entire legal responsibility for all activities that violate domestic and international laws.
- ▶ User accounts shall be suspended for violations of any of the above regulations for a three-month term. Users receiving more than three suspensions will be permanently banned from accessing the ESCI-KSP website.

# ESCI-KSP FUNCTIONALITY

## Contact Information

- ▶ For further information, please contact:

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