

Enhancing International Smart Grid Collaboration and Policymaking through the *Smart Grid Maturity Model*

November 17, 2011

A joint webinar of the Clean Energy
Solutions Center and the International
Smart Grid Action Network



Some housekeeping items

Audio

Choose one of the following audio options:

To use your computer's audio:

When the webinar begins, you will be connected to audio using your computer's microphone and speakers. A headset is recommended.

To use your telephone:

If you prefer to use your phone, you must select "Use Telephone" after joining the webinar and call in using the numbers below.

Toll: +1 (314) 627-1519

Access Code: 344-247-097

Audio PIN: Shown after joining the meeting

Some housekeeping Items (continued)

To ask questions

- In the control panel, select the “questions” pane, and type your question.
- As time allows, we will try to answer questions directly.

Having trouble viewing the webinar slides?

- PDFs of the presentations can be accessed at http://cleanenergysolutions.org/online_training

A recording of this webinar and the slides will be available following the presentation.

- We will post information about this webinar in our Training archives: http://cleanenergysolutions.org/online_training

We appreciate your feedback, please take a minute to complete a brief survey about the webinar

- Please find the survey link at: <http://www.surveymonkey.com/s/TFCMZ5H>

Clean Energy Solutions Center Overview

<http://www.CleanEnergySolutions.org>

- **Track and share** policies, public investment trends, and outcomes
- **Identify best practices** for clean energy policy and program development
- **Engage stakeholders** in dialogue about policy and public investment opportunities
- **Provide virtual training**, including videos and webinars
- **Build a user network** of policy makers and technical experts

The screenshot shows the homepage of the Clean Energy Solutions Center. At the top left is the logo with the text "CLEAN ENERGY SOLUTIONS CENTER". To the right is a search bar with the word "Search" inside. Below the logo is a navigation menu with links: Home, About, Featured Resources, Search All Resources, Ask an Expert, Get Training, and Contact Us. The main content area features a large image of Earth from space. To the right of the image is a headline: "Accelerating the Transition to Clean Energy Technologies" followed by a sub-headline: "The Solutions Center is brought to you by the Clean Energy Ministerial and UN-Energy. Learn more »". Below the headline is a pagination control showing "1 2 3 4 5". Underneath the Earth image is a paragraph of text: "The Clean Energy Solutions Center helps governments turn clean energy visions into reality. We share policy best practices, data, and analysis tools across countries, and serve as a first-stop clearinghouse of clean energy resources. We also offer policy assistance—online training and live expert assistance—to help countries tailor solutions to their needs and foster international collaboration on policy innovations." Below this is another paragraph: "The Clean Energy Solutions Center was designed and is supported by a unique partnership between the Clean Energy Ministerial and the United Nations inter-agency energy mechanism (UN-Energy)." A link "Learn More about the Clean Energy Solutions Center »" is provided. To the right of the text is a video player showing a man in a suit, with a red play button icon and the text "Kwame Yumkella Chair of UN Energy". Below the video player is a caption: "International climate change and energy experts convene at the World Bank to discuss low-emission future...". At the bottom of the page, there are two promotional boxes. The left one is for a newsletter: "Subscribe to Our Newsletter » Stay abreast of website developments and international clean energy activities with the Solution Center's monthly e-mail newsletter." The right one is for "Ask an Expert" and "Get Training": "Ask an Expert » Confer with clean energy specialists who are here to help." and "Get Training » Learn more about clean energy policy and deployment."

Solutions Center Ask-an-Expert Services Available to All Countries

5

- Provides quick-response expert advice and assistance on clean energy policy to governments via a global network of policy experts
 - Currently establishing technical resource teams for energy efficiency, renewable energy, clean transport, and energy access with upfront funding to respond to country requests
 - Moderators will validate, clarify, and coordinate requests
 - Brief highlights of results will be shared
 - These technical resource teams will also review site content to create a “curated library,” conduct webinars and participate in blogs

Sample Questions:

–What types of tax incentives have proven most effective in mobilizing renewable energy investment?

–What types of appliance and equipment standards have resulted in greatest demand reductions in countries?

Featured Experts



Ellen
Morris



Ibrahim
Rehman

International Smart Grid Action Network (ISGAN)

Origin, Goals, and Areas of Focus

ISGAN was initiated at the 2010 Clean Energy Ministerial, and formally established as an IEA Implementing Agreement in April 2011. ISGAN sponsors activities that build a global understanding of smart grids, address gaps in knowledge and tools, and accelerate smart grid deployment. ISGAN partners will work together in five principal areas: policy, standards and regulation; finance and business models; technology and systems development; user and consumer engagement; and workforce skills and knowledge.

Activities Launching in 2011-2012

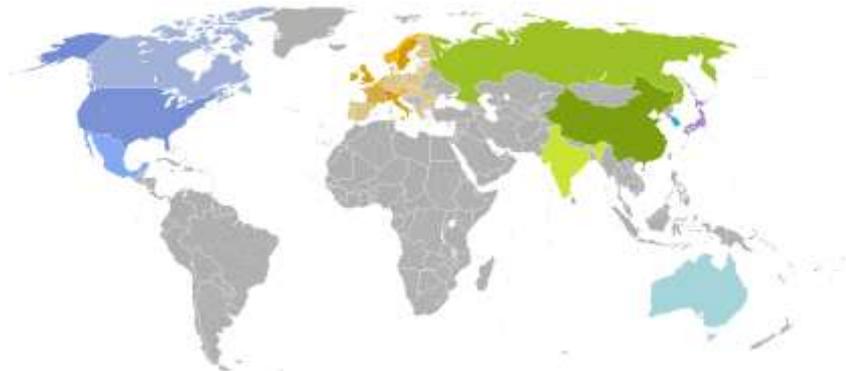
Annex 1: Global Smart Grid Inventory

Annex 2: Smart Grid Case Studies

Annex 3: Benefit-Cost Analyses and Toolkits

Annex 4: Synthesis of Insights for Decision Makers

Pending Annexes: Smart Grid International Research Facility Network (SIRFN); Power Systems; Transition Management



Australia
Austria
Belgium
Canada
China*
Finland
France
Germany
India
Ireland
Italy



Japan*
Republic of Korea
Mexico
The Netherlands
Norway
Russia*
Sweden
Switzerland
United Kingdom
United States
European Commission*



*Founding participant via Clean Energy Ministerial process. Formal participation in IA pending.

Webinar Agenda

7

- ISGAN Welcome & Introductions
- Overview of the SGMM and how it is being used by utilities
- CFE experience in using the SGMM in developing a national smart grid roadmap
- Questions & Answers / Discussion

Questions?

8

How You Can Get Involved

- Check out resources on:
www.CleanEnergySolutions.org
- Request expert assistance or tailored technical resources for your country
- Participate in webinars and training activities
- Offer advice and resources to share
- Sign up for the newsletter
- Post comments to the blog articles



Your participation is appreciated!

10

Thank you

<http://cleanenergysolutions.org>

<http://www.iea-isgan.org>