# The Clean Energy Solutions Center

Global Cool Cities: Tools for Cooling Urban Heat Islands

June 13, 2012 Vickie Healey – Moderator

Kurt Shickman- Presenter







## Some Housekeeping items

## Two Options for Audio (select audio mode):

#### 1. Listen through your computer.

 Please select the "mic and speakers" radio button on the right hand audio pane display

#### 2. Listen by telephone.

 Please select the "telephone" option in the right-hand display, and a phone number and
 PIN will display.

#### 3. Please mute your audio device



## Some housekeeping Items (continued)

### To ask a question

1. Select the 'questions' pane on your screen and type in your question

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## Agenda

- Welcome and Introductory Remarks
- Overview of the Clean Energy Solutions Center
  - Vickie Healey ❖ National Renewable Energy Laboratory
- Global Cool Cities: Tools for Cooling Urban Heat Islands
  - Kurt Shickman Executive Director, Global Cool Cities Alliance (GCCA)
- Question & Answer
- Discussion and Closing Remarks



## Clean Energy Ministerial & UN Partnership Supporting the Solutions Center

- Clean Energy Ministerial (CEM) launched the Clean Energy Solutions Center in April, 2011 for major economy countries
  - One of eleven CEM Initiatives
  - Led by Australia and U.S. with other CEM partners
- Partnership with UN-Energy is extending scope to support all developing countries
  - Enhance resources on policies relating to energy access, small to medium enterprises (SMEs), and financing programs
  - Offer expert policy assistance to all countries
  - Expand peer to peer learning and training











# Clean Energy Solutions Center http://www.CleanEnergySolutions.org

#### Goals

- Serve as a first-stop clearinghouse of clean energy policy resources.
- Share policy best practices, data, and analysis tools across countries.
- Deliver dynamic services that will enable expert assistance, learning, and peer to peer sharing of experiences
- Foster dialogue on emerging policy issues and innovation across the globe.

#### Target Audiences

- Primary:
  - Energy policy makers and advisors
  - Analysts
- Secondary:
  - Private sector companies,
  - Energy entrepreneurs and investors
  - Non Governmental Organizations
  - Civil society
  - Others engaged in clean energy





## Ask an Expert: Our Experts in Action

















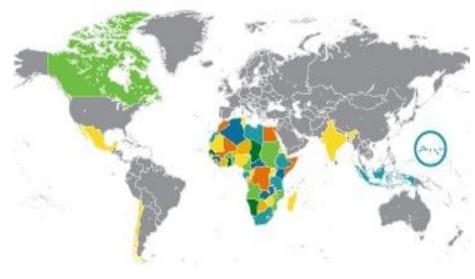






We connect you to a global network of energy experts for personalized attention and quick response technical assistance on **strategies**, **regulations**, **standards**, **financial incentives**, **and deployment programs** for a broad range of clean energy sectors and technologies including:

- ➤ Energy Access
- ➤ Energy Efficiency
- ➤ Renewable Energy
- **>**Smart Grid
- **≻**Transportation
- *≻***Utilities**



#### **Requesting Assistance:**

Register on <a href="http://cleanenergysolutions.org/expert">http://cleanenergysolutions.org/expert</a>



# Solutions Center Broad Portfolio of Peer Learning Webinars and Training Resources

- Conducting monthly webinars on policy topics of interest. Upcoming webinars:
  - IEA: "Tracking Clean Energy Progress" report
  - Global Cool Cities Alliance: Urban Heat and Cool Surfaces Knowledge Base
  - Institute for Industrial Productivity: Industrial Efficiency Policy Database
  - Bloomberg New Energy Finance: Clean Energy Policy and Market Quarterly Reports
  - Course on Regulation and Sustainable Energy in Developing Countries (in collaboration with Leonardo Energy)
  - REN21: Renewables 2012 Global Status Report Series devoted to regional focus
- Providing training materials (videos, presentations, curriculum, etc.) in partnership with Leonardo Energy, UN, IPEEC, IRENA, other CEM initiatives, others
- Policy Forum: Feed-In-Tariff cost containment, Energy Access programs, RE in Africa, etc.

## Training Videos by Leonardo Energy Renewable Energy Tools

#### Solar Energy Assessment for Community Energy Planning

Learn to evaluate the potential energy production of solar technologies and how to make an educated decision about installing solar power.

#### Introduction to Small-Scale Wind Energy Systems

Learn about small-scale wind turbines, including as vertical- and horizontal-axis turbines. The video includes a tutorial for RETscreen's wind tool, which presents how to effectively navigate the wind module of RETscreen.





# Solutions Center Providing Unique Resources for Policy Makers



We also conduct original analysis of policy topics of common interest, and develop unique tools:

#### **Quarterly Policy and Market Briefing**

- Bloomberg New Energy Finance
- Clean energy investment data with webinars to present quarterly highlights

## Integrating Variable Renewable Energy in Electric Power Markets

- Case studies of policies for enabling high penetration of renewable energy into electricity grids
- Upcoming Webinar

Analysis Reports on additional emerging policy topics

Multi-country DSIRE- like Database

**PV Opportunity Interactive Map** 

### How You Can Get Involved

- Request expert assistance or tailored technical resources for your country
- Participate in webinars, training activities, and policy networks
- Offer advice and suggest resources to share
- Sign up for the newsletter
- Join conversations on the Policy Forum





## Time for Q&A

### Questions





## Your participation is appreciated!

### Thank you!

An audio recording of this Webinar and the PowerPoint presentations will be available following the webinar

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