The Clean Energy Solutions Center

Financing Clean Energy Solutions in Developing Countries

June 11, 2012 Michael Mendelsohn– Moderator

Ellen Morris, Phillip LaRocco, and Harish Hande— Presenters







Some Housekeeping items

Two Options for Audio (select audio mode):

- 1. Listen through your computer.
- 2. Listen by telephone.

Select "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
- 2. Click on the 'raised hand' icon and we will enable your audio

Having trouble viewing the webinar

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

A recording of this Webinar and the PowerPoint slide deck will be available following the presentation.

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Agenda

- Welcome and Introductory Remarks
 - Michael Mendelsohn ❖ National Renewable Energy Laboratory
- Overview of the Clean Energy Solutions Center
 - Vickie Healey National Renewable Energy Laboratory
- Financing Clean Energy Solutions in Developing Nations
 - Ellen Morris President & Founder, Sustainable Energy Solutions, LLC
 - Philip LaRocco ❖ Founder, E+Co
 - Harish Hande Managing Director, SELCO-India
- 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

















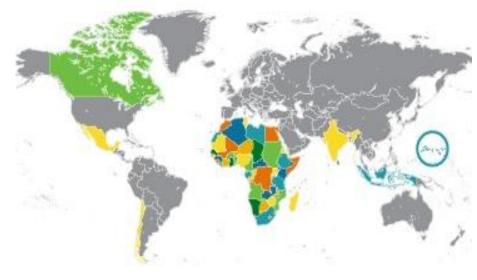






We connect you to a global network of energy experts for personalized attention and quick response technical assistance on **strategies**, **regulations**, **standards**, **financial incentives**, **and deployment programs** for a broad range of clean energy sectors and technologies including:

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



Requesting Assistance:

Register on http://cleanenergysolutions.org/expert



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!

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