

Building Blocks for Distributed PV Deployment, Part 2: Interconnections and Public Policy

23 May 2018



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- *The Clean Energy Solutions Center does not endorse or recommend specific products or services. Information provided in this webinar is featured in the Solutions Center's resource library as one of many best practice resources reviewed and selected by technical experts*

Agenda

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**Welcome &
Introductory
Remarks**

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**Overview of the
Clean Energy
Solutions Center**

- **Kala Haltner**, Clean Energy Solutions Center

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Presentations

- **Alexandra Aznar**, Project Lead, National Renewable Energy Lab
- **Sherry Stout**, Engineer, National Renewable Energy Lab
- **Jason Coughlin**, Senior Researcher, National Renewable Energy Lab

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**Question and
Answer Session**

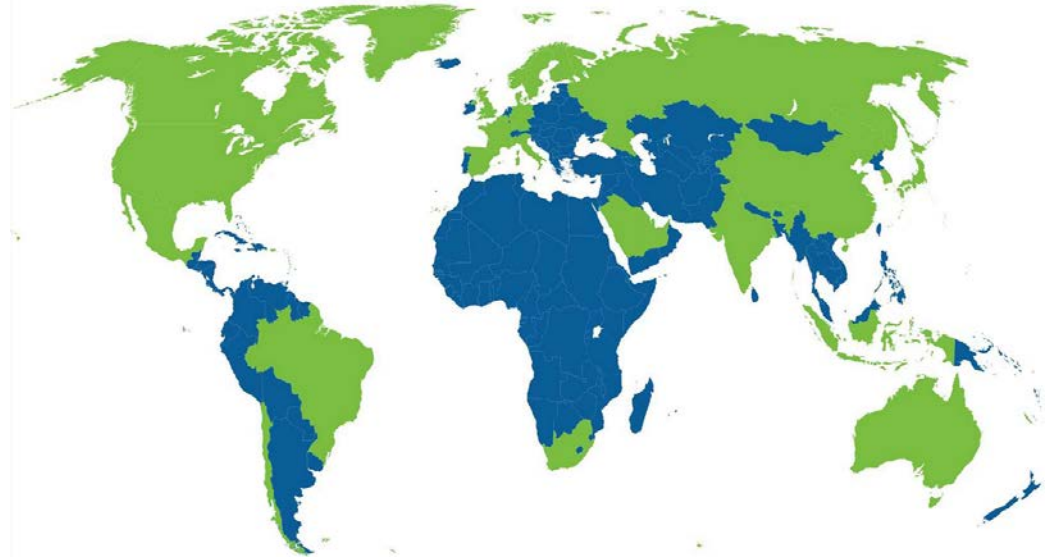
Clean Energy Ministerial

The Solutions Center:

- Launched under the Clean Energy Ministerial (CEM) in 2011

Clean Energy Ministerial:

- A high-level global forum to promote policies and programs that advance clean energy technology, to share lessons learned and best practices, and to encourage the transition to a global clean energy economy.



90%
of
Clean energy
investment

&

75%
of
Global CO₂
emissions

Solutions Center: Background & Vision

- Multilateral initiative, of the Clean Energy Ministerial, is co-led by the Australian Department of the Environment and Energy, Sweden's Ministry of the Environment and Energy, and the U.S. Department of Energy.
- Additional funding support from Power Africa
- In-kind support from Chile
- The Solutions Center is a unique CEM initiative assisting countries in all regions of the world in strengthening clean energy policies and finance measures
- Supporting transition of clean energy markets and technologies



*US participation & leadership are under review.

Solutions Center: Goals and Audience

Programs and Services

- **Team of 50+ experts from around the globe responded to 350+ requests for policy support from more than 80 countries**
 - Extensive support across Africa, Asia, and LAC
 - Launched support for finance measures in 2015
- **Trained over 15,000 officials through more than 225 webinars and training events with others**
- **Strong & growing partnerships with development agencies and regional and global organizations in delivery of support**
- **Over 5500 resources in curated library for policy makers**

Target Audiences

- **Primary**
 - Government Policy Makers and Advisors
- **Secondary**
 - Private-Sector Companies
 - Energy Entrepreneurs and Investors
 - Non-Governmental Organizations
 - Civil Society
 - Others Engaged in Clean Energy

Solutions Center: Partnerships

More than 35 international partners:

- Climate Technology Center and Network (CTCN)
- ECOWAS Center for Renewable Energy and Energy Efficiency (ECREEE)
- Inter-American Development Bank (IDB)
- International Energy Agency (IEA)
- International Partnership for Energy Efficiency Cooperation (IPEEC)
- International Renewable Energy Agency (IRENA)
- Low Emission Development Strategies Global Partnership (LEDS-GP)
- Renewable Energy Policy Network for the 21st Century (REN21)
- Sustainable Energy for All (SEforALL)
- United Nations Environment Programme (UN Environment)
- USAID Power Africa (USAID PA)

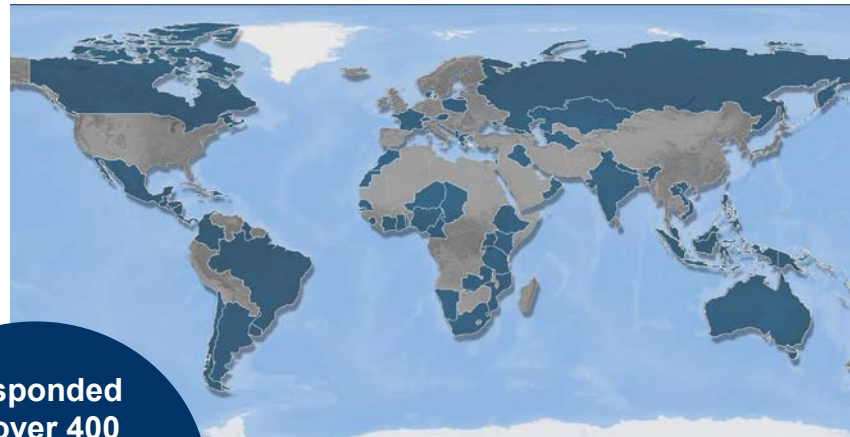


Ask an Expert: Our Experts in Action



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 energy transition programs** for a broad range of clean energy sectors and technologies including:

- Carbon Capture Utilization & Storage
- Energy Access
- Energy Efficiency
- Renewable Energy
- Smart Grid
- Transportation
- Utilities



Responded to over 400 requests for assistance from over 90 countries.

To request assistance, register on <http://cleanenergysolutions.org/expert>

Alexandra Aznar, Project Leader, National Renewable Energy Lab



Alexandra Aznar is a project leader at the National Renewable Energy Laboratory (NREL) in Golden Colorado. She works on clean energy policies and provides solar technical assistance to local, state, and national-level policymakers. She leads the implementation of the USAID Distributed PV Toolkit. She holds a Masters of Public Affairs (M.P.A) with a concentration on energy and climate change policy from Indiana University and a B.A. in Government from Claremont McKenna College.

Sherry Stout, Engineer, National Renewable Energy Lab



Sherry is an engineer at the U.S. Department of Energy's National Renewable Energy Laboratory (NREL). Much of Sherry's work involves energy resilience planning at multiple jurisdictional levels. Sherry is currently working the U.S. federal government agencies, American Indian Tribes, and national governments in South America, South East Asia, and North Africa to plan and implement resilient energy programs. Her specific resilience research areas include grid integration of distributed renewable generation, energy/water nexus issues, and rural electrification.

Jason Coughlin, Senior Researcher, National Renewable Energy Lab



Mr. Coughlin focuses on solar project financing as well as on the non-hardware costs (e.g. permitting, inspection and interconnection) associated with distributed PV. Currently, Mr. Coughlin manages NREL's participation in the SolSmart program, a DOE-funded effort focused on assisting local governments reduce solar soft costs. In addition, Mr. Coughlin is currently engaged in topics such as community solar, increasing access to solar for lower income households, solar on tribal lands and distributed solar in Latin America. Previous careers include banking, rural housing development in Latin America and the Peace Corps. Mr. Coughlin holds a Master of International Business Studies with concentrations in Finance and Portuguese from the University of South Carolina, as well as a Certificate of Advanced Study in Environmental Policy from the University College at the University of Denver.

Question and Answer Session



**Alexandra Aznar,
Project Lead, National
Renewable Energy Lab**



**Sherry Stout, Engineer,
National Renewable
Energy Lab**



**Jason Coughlin, Senior
Researcher, National
Renewable Energy Lab**

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