

**CLEAN ENERGY
SOLUTIONS CENTER**

Effective Supply Chains for Energy Access

January 27, 2015



 **CLEAN ENERGY
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ASSISTING COUNTRIES WITH CLEAN ENERGY POLICY

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Agenda

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Welcome & Introductory Remarks

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Overview of the Clean Energy Solutions Center

- **Sean Esterly**, National Renewable Energy Laboratory

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Presentations

- **Richenda Van Leeuwen**, Executive Director, Energy Access, United Nations Foundation
- **Coryell Stout**, Director of Operations and Sales, One Degree
- **Katherine Lucey**, Founder and CEO, Solar Sister
- **Kieran Reynolds**, Vice President Operations, Azuri Technologies

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Question and Answer Session

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Attendee Survey

Solutions Center Background and Vision

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CleanEnergySolutions.org

The Clean Energy Ministerial (CEM) launched the Clean Energy Solutions Center in April 2011. The Solutions Center:

- Is one of 13 CEM Initiatives, which include:
 - Global Superior Energy Performance Partnership
 - Super-Efficient Equipment and Appliance Deployment initiative
 - Global Lighting and Energy Access Partnership
- Helps governments design and adopt policies and programs that support the deployment of clean energy technologies
- Has more than 35 partners, including IRENA, IEA, IPEEC, Sustainable Energy for All, Bloomberg New Energy Finance and Leonardo Energy
- Is co-chaired by the U.S. Department of Energy and the Australian Department of Industry.



Australia



Denmark



India



Indonesia



Italy



Japan



Mexico



South Africa



Sweden



United Arab Emirates



United States



ENERGY ACCESS
PRACTITIONER NETWORK

CLEAN ENERGY
SOLUTIONS CENTER
ASSISTING COUNTRIES WITH CLEAN ENERGY POLICY

Goals

- **Serve** as the primary resource for clean energy policy information, assistance and peer learning for governments and government-affiliated practitioners..
- **Share** policy best practices, data, and analysis tools across countries.
- **Deliver** dynamic services that enable expert assistance, learning, and peer-to-peer sharing of experiences.
- **Foster** dialogue on emerging policy issues and innovation across the globe.

Primary

- Government Policy Makers
- Advisors

Secondary

- Private Sector Companies
- Energy Entrepreneurs and Investors
- Non-Governmental Organizations
- Civil Society
- Others Engaged in Clean Energy

Target Audiences

Ask-an-Expert: Our Experts in Action

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CleanEnergySolutions.org

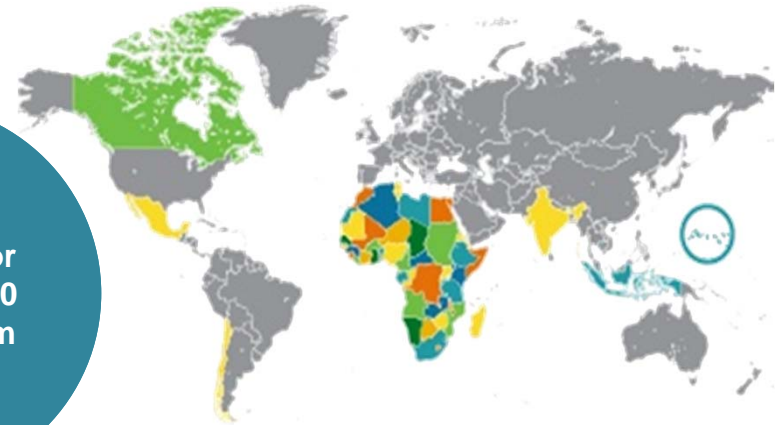


Connects policymakers to a global network of more than 30 energy experts for quick-response technical assistance on policies and programs relating to:

- Renewable Energy
- Energy Access
- Energy Efficiency
- Smart Grid
- Transportation
- Utilities



Delivered no-cost assistance for more than 120 requests from over 60 countries.



Please submit a question directly at
cleanenergysolutions.org/expert

Or contact me directly to find out how the Ask-an-Expert program can benefit your work:

Sean.Esterly@nrel.gov | 303-384-7436

Richenda Van Leeuwen, Executive Director, Energy Access, UN Foundation

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Richenda Van Leeuwen leads the UN Foundation's work on energy access and engagement with the UN's Sustainable Energy for All Initiative. She founded and leads the Foundation's Energy Access Practitioner Network, a 2,000-strong global network of businesses and non-profits catalyzing primarily market-led decentralized solutions for energy access. She joined the UN Foundation in 2010 from Good Energies, a global renewable energy private equity firm where she led its work on commercial emerging markets transactions, and was a founding board member of the Good Energies Foundation, focusing on energy access and climate change. Prior to this, she served as the Executive Director of Trickle Up, an international microenterprise development non-profit organization from 2001 to 2005. A sought-out speaker on energy access, gender equity and poverty issues, she has over 20 years of executive management experience with the UN, private sector and non-profits on several continents, in particular focusing on impact investing for micro- and small and medium sized enterprises as well as post-conflict reconstruction, refugee issues and economic empowerment. She currently serves on the board of SELCO India, a leading renewable energy social enterprise focusing on delivering renewable energy services to off-grid communities in India. She gained her BS and MBA degrees from Durham University, UK.

Coryell Stout, Director, Operations and Sales, One Degree

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Coryell Stout oversees Operations and Sales at One Degree Solar, a venture-backed, technology company that designs and manufactures solar products for individuals, households, and small businesses without reliable energy access. One Degree products have reached over 240,000 individuals to date. In addition to the United Nations Foundation, One Degree Solar has investors, clients, and partnerships with Schneider Electric, Coca-Cola and the IFC as well as press coverage in FastCompany and Al Jazeera. Previously, Coryell led microfinance initiatives in Ghana, Nigeria, and India, advised award-winning nonprofit organizations on board governance and donor management, and designed customer service strategies for Fortune 500 companies. Coryell also worked as Chief Operating Officer of Generation Enterprise, a business incubator for youth entrepreneurs in emerging markets, during which she oversaw program expansion across Nigeria and to India and guided investment in 16 seed stage businesses. Coryell is an Advisor for Nurturing Minds and the Segal Girls School.

Coryell graduated cum laude from the University of Pennsylvania with a B.A. in Political Sciences/International Studies and African Studies. She was named the University of Pennsylvania's Global Development Scholar and the Wharton School of Business's Social Entrepreneurship Fellow.

Katherine Lucey, Founder and CEO, Solar Sister

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Katherine Lucey is the Founder and Chief Executive Officer of Solar Sister. After a 20 year career as an investment banker with expertise in the energy sector, Katherine retired from banking and turned her attention to finding a sustainable solution to the energy poverty that causes suffering to a quarter of the world's population. Katherine determined that a practical, grass-roots, locally generated solution was needed. Katherine is an Ashoka Fellow and a Draper Richards Kaplan Foundation Entrepreneur. She has received recognition and awards for her work with Solar Sister including Clinton Global Initiative member, Innovation Award from Social Venture Network, Advancement for the Developing World Award from C3E, and Champion for Change Award for Innovation from the International Center for Research on Women (ICRW). She holds an M.B.A. from Georgia State University and a Bachelor's Degree in Journalism from the University of Georgia. She is an alumna of the Global Social Benefit Incubator (GSBI) the signature social enterprise program of the Center for Science, Technology, and Society of Santa Clara University.

Kieran Reynolds, Vice President of Operations, Azuri Technologies

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Kieran has 10 years' experience in developing early stage, high-growth companies. He has comprehensive experience of all stages in the development and market application of solar power devices, and was with Plastic Logic for 6 years before joining the Advanced Photovoltaic Research Accelerator, from which Azuri spun out.

Kieran holds a M.Sci in Chemical Physics from the University of Bristol and a Ph.D in Physics from the University of Cambridge.

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Questions



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 - Sean.Esterly@nrel.gov or 303-384-7436