

# Exploring Opportunities for PAYG Solar as a Driver of Financial Inclusion

26 September 2017

# Some Housekeeping Items

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# Disclaimer

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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

- **Katie Contos**, Clean Energy Solutions Center

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## Presentations

- **Jem Porcaro**, Senior Director, United Nations Foundation
- **Daniel Waldron**, Digital Finance Specialist, Consultative Group to Aid the Poor (CGAP)
- **Amy Paul**, Strategy & Research Advisor, USAID Global Development Lab
- **Craig Jolley**, Strategy & Research Advisor, USAID Global Development Lab
- **Simone Vaccari**, Ghana Country Manager, PEG Ghana

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## Question and Answer Session

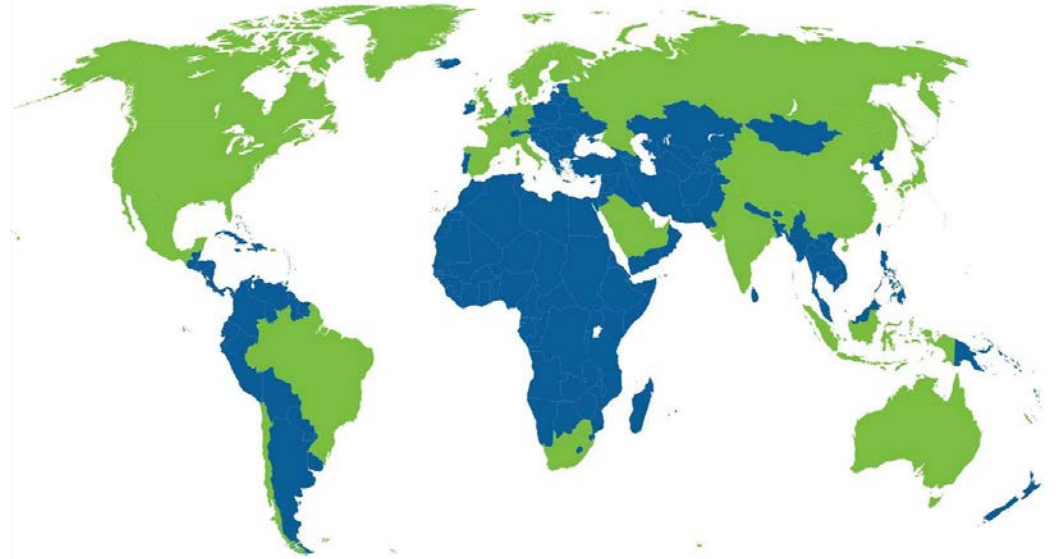
# Clean Energy Ministerial

## 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 CO<sub>2</sub>  
emissions

# Solutions Center: Background & Vision

- Multilateral initiative, of the Clean Energy Ministerial, has been co-led by the Australian Department of the Environment and Energy, and the U.S. Department of Energy. Additional funding support from Sweden's Ministry of the Environment and Energy, and Power Africa
- In-kind support from Canada and Mexico
- 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 21<sup>st</sup> Century (REN21)
- Sustainable Energy for All (SEforALL)
- United Nations Environment Programme (UN Environment)
- USAID Power Africa ( USAID PA)

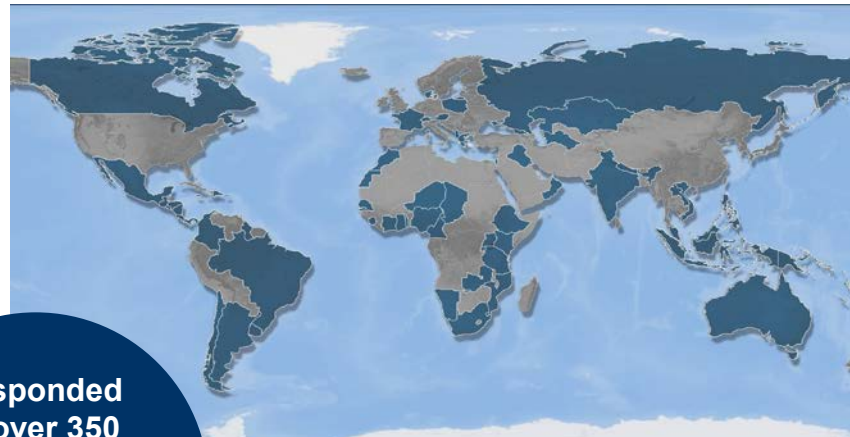


# Ask an Expert: Our Experts in Action



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 350 requests for assistance from over 80 countries.

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

# Jem Porcaro, Senior Director, United Nations Foundation



Jem Porcaro is the Senior Director of Energy Access at the UN Foundation, where he is responsible for providing leadership, management and project support to the Foundation's energy access work, with a particular focus on its involvement in the UN's Sustainable Energy for All (SEforAll) initiative. Jem has more than ten years of experience in international energy development. Immediately prior to joining the Foundation, Jem worked with Nexant and earlier in his career worked with UNDP on energy access issues in their global energy practice. Jem received his Master of International Affairs with a concentration in International Energy Policy and Management from Columbia University, and his Bachelor of Science in Civil Engineering from Tufts University.

# Daniel Waldron, Digital Finance Specialist, Consultative Group to Aid the Poor (CGAP)



Daniel Waldron is a consultant working for the Consultative Group to Assist the Poor and specializing in digital finance. He has led research on the energy and water sectors for Digital Finance Plus, with a focus on how digital payments and alternative lending models are combining to transform access to essential services, with wider implications for financial inclusion. He served for two years as an environmental volunteer for Peace Corps Tanzania and has a Masters in International Affairs from The New School, with a concentration in Development Economics.

# Amy Paul, Strategy & Research Advisor, USAID Global Development Lab



Amy Paul is a AAAS Science and Technology Policy Fellow at USAID's Global Innovation Lab. She has interdisciplinary training in global health, ethics, policy and qualitative and quantitative research methods. As part of the Strategy and Research team at the Center for Digital Development, Amy works on understanding the role of emerging technologies in global development. Prior to joining the Lab, Amy was a post-doctoral fellow at the Johns Hopkins Berman Institute of Bioethics. She received her Ph.D. in Health Policy and Management from the Johns Hopkins School of Public Health and her M.P.H. from the Institute for Public Health Genetics at the University of Washington.

# Craig Jolley, Strategy & Research Advisor, USAID Global Development Lab



Dr. Craig Jolley is a Data Scientist at USAID's Center for Digital Development. His work focuses on the potential of emerging technologies to end global poverty; recent projects have focused on machine learning, blockchain technologies, biometrics, digital financial services, and rooftop solar energy. Craig tries to balance attention to the "in-the-weeds" technical aspects of new technologies with awareness of the broader social and political context in which they operate. Prior to coming to USAID in 2014, Dr. Jolley studied mathematical models of biological rhythms at RIKEN in Kobe, Japan. When supporting USAID's overseas missions, understanding the biology behind jet lag is more useful than you might think.

# Simone Vaccari, Ghana Country Director, PEG Ghana.



Simone Vaccari joined PEG in 2015, after having worked for Vodafone in a variety of countries in commercial marketing roles. Prior to being the Country Director for PEG Ghana, Simone was the Director of Commercial initiatives, focusing on developing and implementing the strategies to grow the loan repayment performance, focusing on mobile money. PEG Ghana has about 150 full time staff and 200 direct sales representatives.

# Question and Answer Session



**Jem Porcaro,  
UNF**



**Daniel Waldron,  
CGAP**



**Amy Paul,  
USAID**



**Craig Jolley,  
USAID**



**Simone Vaccari,  
PEG Ghana**

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