



# **Boston Community Energy Study**

14 September 2017



# Some Housekeeping Items

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

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# Some Housekeeping Items (continued)

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- **To ask a question**
  - Select the 'Questions' pane on your screen and type in your question
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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**

- **Eric Morgan**, Technical Staff, MIT Lincoln Laboratory

4

**Question and  
Answer Session**

# Clean Energy Ministerial

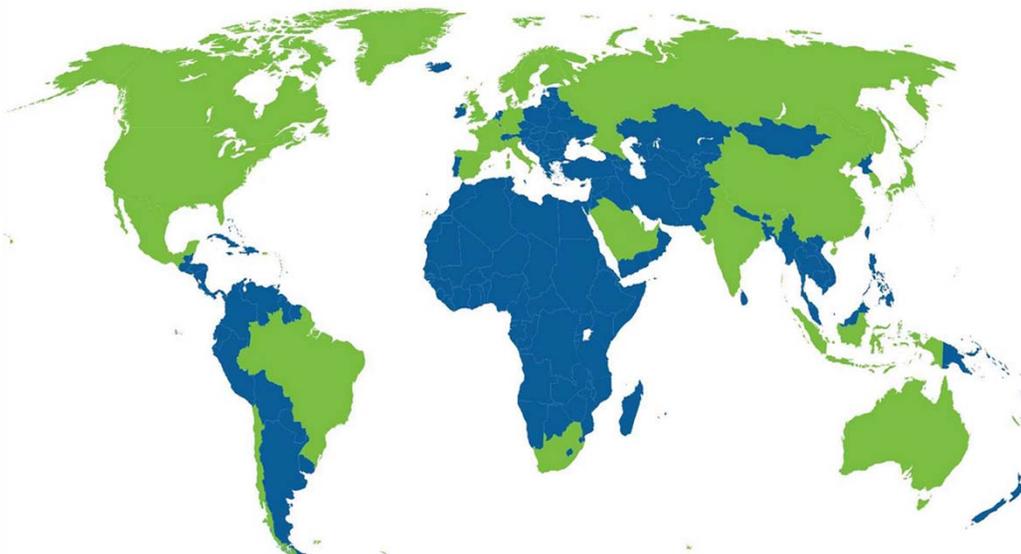
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## The Solutions Center:

- 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

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## 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

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## 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)

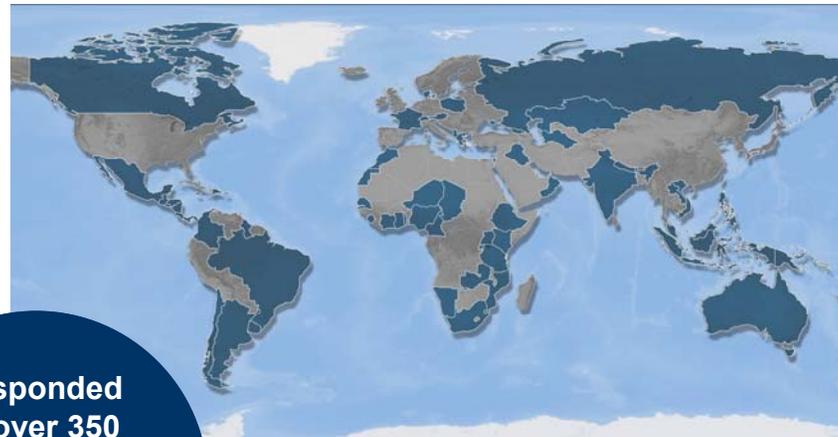


# Ask an Expert: Our Experts in Action



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>

# Eric Morgan, Technical Staff, MIT Lincoln Laboratory

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Eric Morgan is a member of the Technical Staff in the Energy Systems Group at MIT Lincoln Laboratory. At LL, Eric works on adding renewable energy and energy storage to tactical DoD microgrids and has researched microgrid development for the City of Boston. Additionally, Eric does research on novel direct energy conversion devices, renewable fuel synthesis and cutting edge solid fuel-powered systems. Prior to working at LL, Eric worked as a post-doctoral researcher at Northern Arizona University, where he helped pioneer marine energy harvesting techniques for ocean sensing, designed and assembled a mobile methanol synthesis unit, researched solar irradiance smoothing in large photovoltaic plants and analyzed wind power systems for the production of ammonia fertilizer.

# Question and Answer Session

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**Eric Morgan,  
Technical Staff,  
MIT Lincoln Laboratory**

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