



## **CLEAN ENERGY SOLUTIONS CENTER**

**Overview and Opportunities:  
Mini-grid Policy and Market Frameworks  
Technical Assistance**

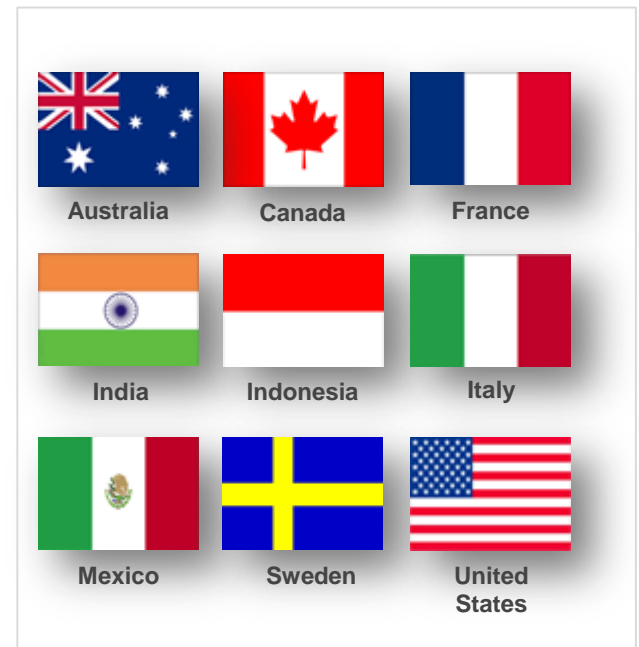
**Abidjan, Côte d'Ivoire ♦ March 28, 2017**

# Solutions Center Background and Vision

cleanenergysolutions.org

## Clean Energy Ministerial (CEM) launched the Clean Energy Solutions Center in April 2011

- Multilateral initiative co-led by U.S. Department of Energy and the Australian Department of the Environment and Energy. Additional support from Sweden's Ministry of the Environment and Energy and Power Africa
- Solutions Center is a unique CEM initiative assisting countries in all regions of the world in strengthening clean energy policies and finance measures
- Operated through the National Renewable Energy Laboratory (NREL)



**Country Participants to the Clean Energy Solutions Center**

# Solutions Center Goals & Audiences

[cleanenergysolutions.org](http://cleanenergysolutions.org)

## Goals

- **Deliver** dynamic services that enable expert assistance, learning, and peer-to-peer sharing of experiences.
- **Serve** as a first-stop clearinghouse of clean energy policy and finance resources.
- **Share** policy and finance best practices, data, and analysis tools across countries.
- **Foster** dialogue on emerging policy and finance issues and innovation across the globe.

## Target Audiences

- Primary** Government policy makers & advisors
- Secondary** Private Sector Companies  
Energy Entrepreneurs and Investors  
Non-Governmental Organizations  
Civil Society  
Others Engaged in Clean Energy

# No-Cost Capacity Building and Technical Assistance

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## 1. Training/Peer-to-Peer Learning

- Webinars, training events, videos & other resources
  - **Trained over 15,000 officials through more than 225 webinars and training events**

## 2. Resources

- Reports, data, & analysis tools related to clean energy policy
  - **5,500 resources in curated online library**

## 3. Ask-an-Expert

- Technical assistance from global experts on clean energy policy topics
  - **Multilingual experts from over 15 countries**

# Ask an Expert: Our Experts in Action

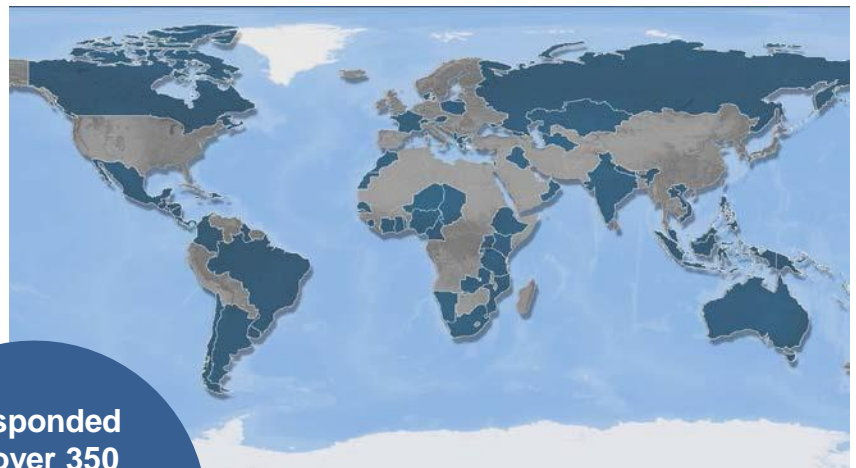
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## Ask an Expert: Developing Solutions to Policy Barriers



We connect policymakers to a global network of 60+ energy experts for personalized and responsive technical assistance on **strategies, market frameworks, standards, financial incentives, and deployment programs** for a broad range of clean energy sectors and technologies:

- **Energy Access & Mini-grids!**
- Energy Efficiency
- Renewable Energy
- Finance
- Smart Grid
- Transportation
- Utilities



Responded to over 350 requests for assistance from over 80 countries.

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

# Strong Partnership with ECREEE and Power Africa



**In partnership with ECREEE, EUEI PDF, and Power Africa, the Solutions Center will be available to provide in-depth policy advisory support to answer your questions and provide support on policy and market frameworks for mini-grids**

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**The Clean Energy Solutions Center:**

**Sample Projects in the ECOWAS Region and Beyond**

# Sample CESC-Project: ECOWAS Region

- **Targets and Policies:**

- Worked to develop National Renewable Energy Action Plans and Energy Efficiency Action Plans
- Assisted with regional policy to mainstream gender into energy access

- **Electricity:**

- Assistance with FIT policy design in Ghana

- **Transport:**

- Supported development of regional renewable fuels standards

- **Cooking:**

- Developed clean cookstove national action plans for 12 countries



# Sample CESC Projects: Off-Grid Solutions

- **Mini-grid policies:**

- Chad: Advise on regulatory framework for rural electrification (mini-grids and SHS)

- **Mini-grid business models:**

- Cameroon: Analysis on rural electrification business models (key characteristics of bankable mini-grid business models)

# Sample CESC Webinars: Energy Access

- **Finance:**
  - Scaling Off-grid Energy Grand Challenge for Development: New Partnership Opportunity
- **Capacity Building:**
  - Institutionalizing Energy Training on Rural Electrification
- **Technical standards**
  - How to Maintain Quality Standards in Rural Electrification
- **Country-specific analyses:**
  - Promoting Clean Mini-Grid Public-Private Partnerships for Rural Electrification in Nigeria
  - Towards Universal Energy Access in West Africa: The Role of Distributed Energy Solutions for the Post-Ebola Recovery in Sierra Leone (30.03.17!)

# Policy Support Levels

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- **Various levels of support provided:**
  - Short turn-around support of 1-20 hours (10%)
  - Higher level assistance of 20-40 hours (70%)
  - More in depth support of over 40 to 120 hours (case-by-case basis) (20%)
    - Potential opportunity to provide on-site support in country locations
    - On-site workshops where large number of policymakers are convened, including side events at conferences and events

# Getting Started with the Solutions Center

## To get started with an expert or learn more:

- Visit *[cleanenergysolutions.org/expert](https://cleanenergysolutions.org/expert)*
- Call +1-303-275-4370
- Email *[expert@cleanenergysolutions.org](mailto:expert@cleanenergysolutions.org)*

## To participate in a training:

- Visit *[cleanenergysolutions.org/training](https://cleanenergysolutions.org/training)*



**THANK YOU!**

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