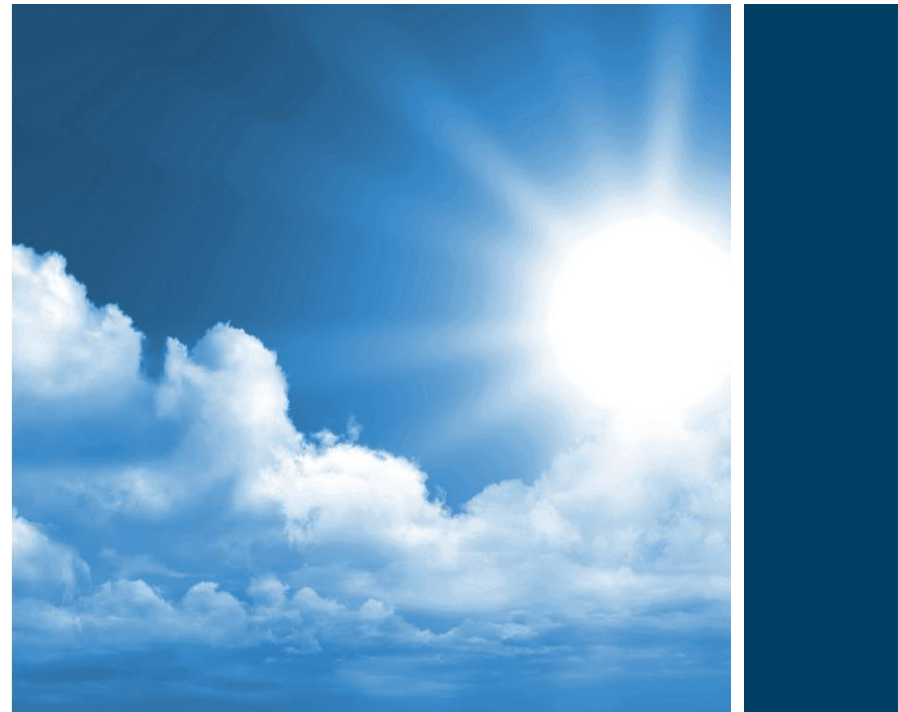


CLEAN ENERGY SOLUTIONS CENTER

Organization of American States
19 August 2014



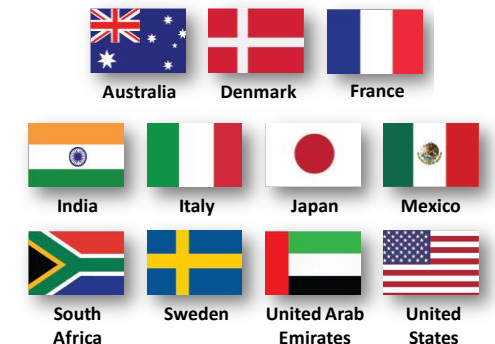
 **CLEAN ENERGY
SOLUTIONS CENTER**
ASSISTING COUNTRIES WITH CLEAN ENERGY POLICY



<https://CleanEnergySolutions.org>

The Clean Energy Ministerial (CEM) launched the Clean Energy Solutions Center in April 2011 for major-economy countries.

- One of 13 CEM Initiatives (including Global LEAP, ISGAN, SEAD Initiative, and 21st Century Power Partnership)
- Led by U.S. Department of Energy, Australia Department of Industry, International Copper Association, and other CEM partners
- Solutions Center is unique as a CEM initiative that delivers services to all developing and developed countries.
- Has nearly 35 partners, including UN-Energy, IRENA, IEA, IPEEC, REEEP, Bloomberg New Energy Finance and Leonardo Energy



<https://cleanenergysolutions.org/>

Goals

- **Serve** as a first-stop clearinghouse of clean energy policy resources.
- **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.

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



Ask-an-Expert

- Technical assistance from global experts on clean energy policy topics

Training/Peer-to-Peer Learning

- Webinars, videos and other resources

Resources

- Reports, data, and analysis tools related to clean energy policy

- **Responded to 120 requests from over 70 countries (various stages of progress).**
- **Curated library containing over 2,100 resources.**
 - Reports
 - Data
 - Analysis tools
- **Average 6,100 users/month from most UN countries**
- **Nearly 100 web seminars training more than 6,000 people.**

Ask-an-Expert: Our Experts in Action

6

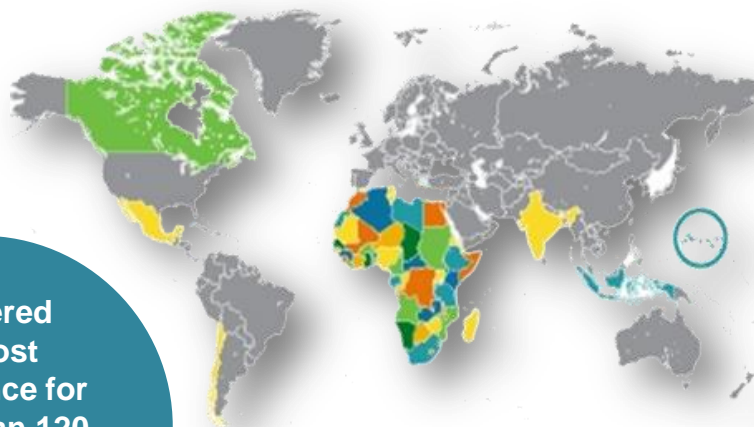
CleanEnergySolutions.org



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

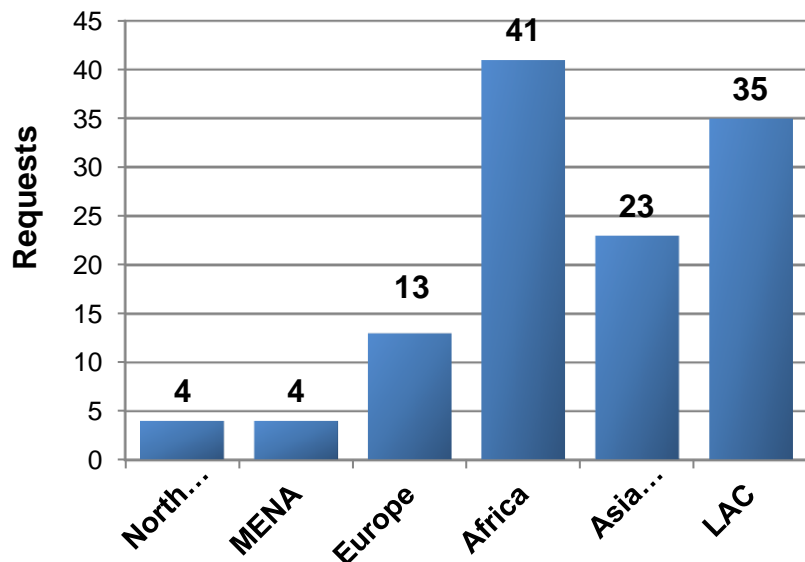
Delivered no-cost assistance for more than 120 requests from over 60 countries.



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

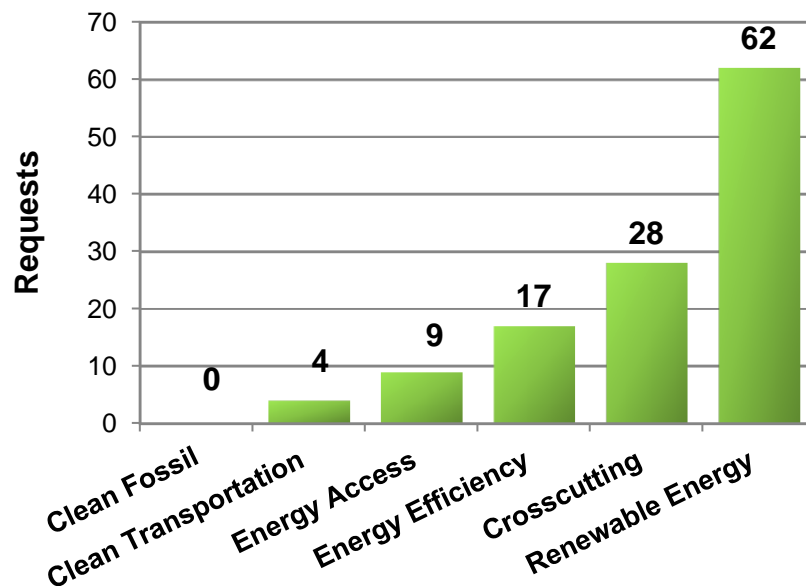
REGIONAL SPREAD

Ask an Expert Requests by Region



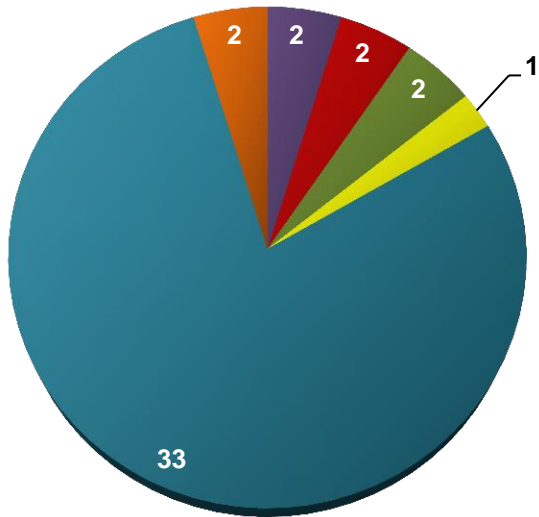
SECTOR SPREAD

Requests by Energy Theme



DIRECT SUPPORT 35%

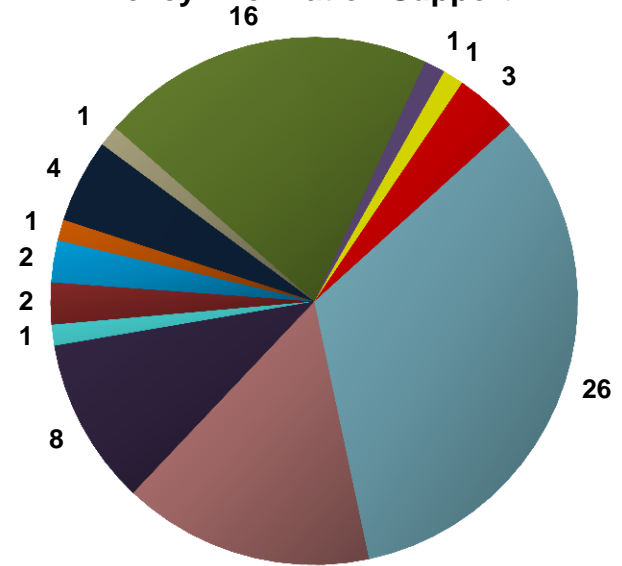
Direct Policy Support



- Draft/Write Policy
- Capacity Building - Renewable Energy
- Capacity Building - Energy Efficiency
- Policy Tool
- Review Existing Policy - Renewable Energy
- Review Planned Regulation - Energy Efficiency

INFORMATION SUPPORT 65%

Policy Information Support



- Capacity Building
- Finance & Investment
- Microgrids
- Renewable Energy
- Energy Access
- Renewable Energy Markets
- Waste-to-Energy
- Cross-cutting
- Incentives
- Regulations
- Energy Efficiency
- Independent Power Producer
- Strategic Energy Plan



- **Caribbean Community (CARICOM)**

- Supported member states in setting regional and national sustainable energy targets in the CARICOM Energy Policy.
- Ratified by member countries March 1, 2013
- Under consideration for Cabinet approval by individual countries



- **South African National Energy Development Institute (SANEDI)**

- Assisted with the design & review of a regulation to promote energy efficiency in the commercial building sector.
- Adopted November 2014



- **Malaysia**

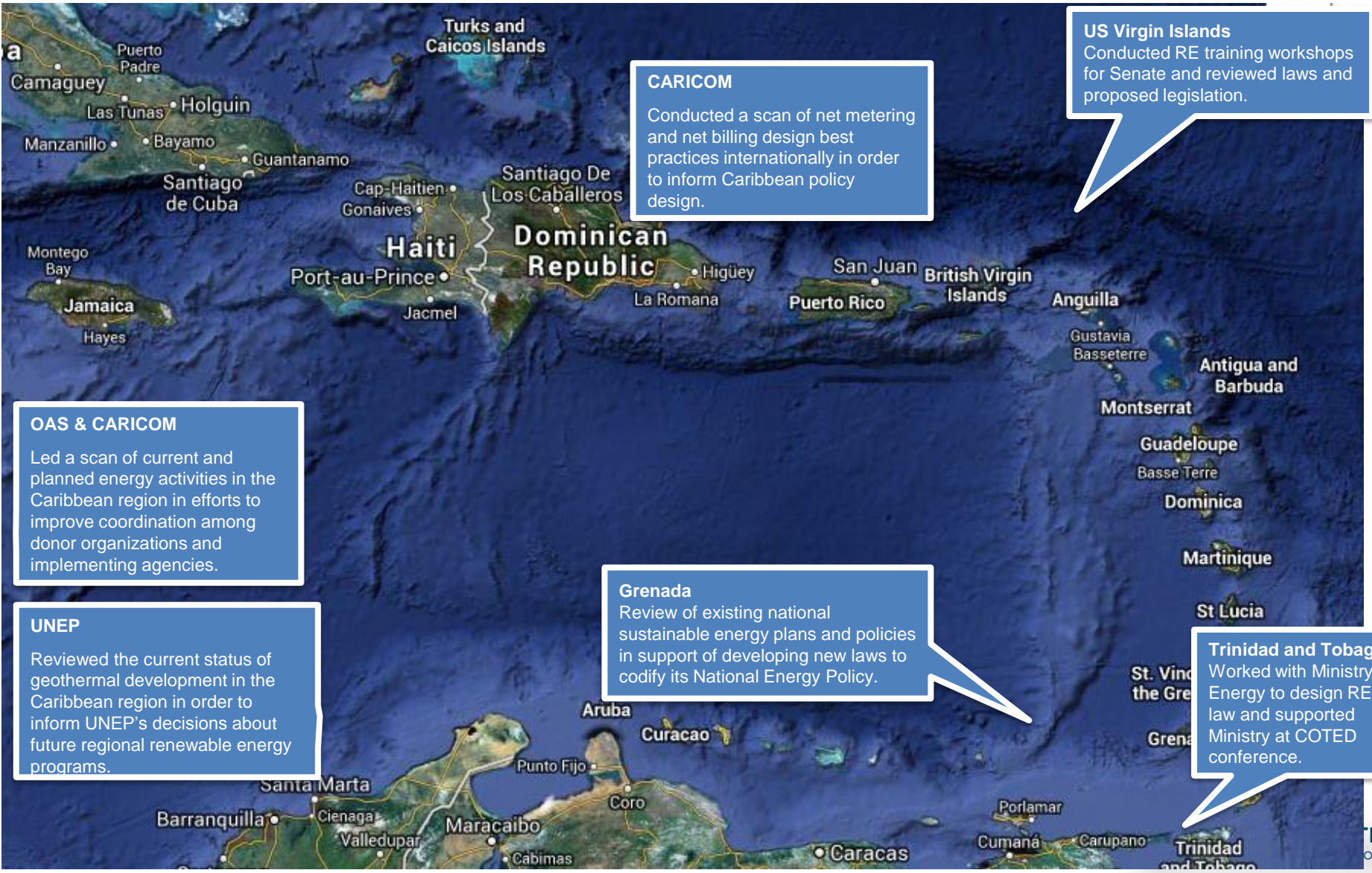
- Helped analyze trade-offs between Feed-in-tariffs (FITs) and competitive tendering for large solar PV projects.



- **Mauritius**

- Provided assistance to expand development of solar hot water schemes for the residential sector.

Caribbean Support Provided through CESC





Hosted approximately 100 webinars with more than 6,000 participants from around the world.

- Experts and organizations share knowledge and perspectives.
 - Policy options and tools (e.g., smart grid policies, rural energy programs and design tools, building codes, etc.)
 - Key reports (e.g., REN21 GSR and IEA Medium-Term Outlook)
 - Country-specific innovations (e.g., Bangladesh solar home system program)



Curated library containing over 2,100 resources with over 6,000 users/month.

- Reports, policy data, analysis tools, training resources, emerging policy studies

Unique Policy Resources

- High Renewable Energy Penetration Study for CEM3
- Mini-grids study and roundtable for CEM-4
- Levelized Cost Of Energy for Asia-Pacific Renewable Energy Assessment
- Supported Institutional Investment, and Energy Water Nexus Roundtables at CEM-5
- Bloomberg New Energy Finance semi-annual Investment Trends and Policy Briefs
- Solar Opportunity Tool
- Indian Renewable Energy and Energy Efficiency Policy Database (IREED) sub-national database with India
- Finalizing report: 'Breaking Down Policy Barriers: A Policymaker's Guide to Definitions and Innovations in Renewable Energy Policy'

CleanEnergySolutions.org



Australia



Denmark



France



India



Italy



Japan



Mexico



**South
Africa**



Sweden



**United Arab
Emirates**



**United
States**

Solutions Center Organization Partners

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CleanEnergySolutions.org

Asia-Pacific Economic Cooperation (APEC)
Bloomberg New Energy Finance (BNEF)
Bureau of Energy Efficiency (BEE, India)
Clean Energy Education and Empowerment (C3E)
Climate Policy Initiative (CPI)
Climate Smart Planning Platform
Climate Technology Center and Network (CTCN)
Climate Technology Initiative (CTI)
ClimateWorks Foundation
Collaborative Labeling and Standards Program (CLASP)
Dalkia India Services
ECOWAS Centre for Renewable Energy and Energy Efficiency (ECREEE)
Enerdata
Energy Access Practitioner Network
Global Buildings Performance Network (GBPN)
Global Cool Cities Alliance (GCCA)
Global LEAP (G-LEAP)
Green Buildings Council (GBC)
International Energy Agency (IEA)
International Institute for Sustainable Development (IISD)
International Confederation of Energy Regulators (ICER)
International Partnership for Energy Efficiency Cooperation (IPEEC)

International Renewable Energy Agency (IRENA)
International Smart Grid Action Network (ISGAN)
Institute for Industrial Productivity (IIP)
Latin American Energy Organization (OLADE)
Leonardo Energy (LE)
Low Emission Development Strategies Global Partnership (LEDS GP)
National Commission on Energy Efficiency (CONUEE, Mexico)
OPEN EI
Private Financing Advisory Network (PFAN)
Renewable Energy & Energy Efficiency Partnership (REEEP)
Renewable Energy Policy Network for the 21st Century (REN21)
Sustainable Energy for All (SE4All)
Sustainable Energy Solutions (SES)
The Energy & Resources Institute (TERI India)
21st Century Power Partnership (21 CPP)
United Nations Environment Programme (UNEP)
United Nations Food & Agriculture Organization (FAO)
United Nations Foundation (UNF)
The World Bank
World Resources Institute (WRI)



Thank You!

Vickie Healey
victoria.healey@nrel.gov
+1 720-402-1107

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