

Fact Sheet: Clean Energy Solutions Center

Overview

The Clean Energy Solutions Center (cleanenergysolutions.org) offers resources and expert services to help governments design and adopt policies and programs that support the deployment of transformational low-carbon technologies. The goal of the Solutions Center is to become the primary resource for clean energy policy information, assistance, and peer learning for governments and government-affiliated practitioners. To reach this goal, the Solutions Center pursues the following objectives:

- Serve as the principal clearinghouse of clean energy resources
- Share policy best practices, data, and analysis tools with a global forum of clean energy experts, policy makers, and other stakeholders
- Provide no-cost, expert policy assistance consultation through the Ask an Expert service
- Provide education through online training and peer-to-peer knowledge sharing
- Foster dialogue across the globe on emerging clean energy policy issues and innovation

The Solutions Center supports the Human Capacity pillar of the Clean Energy Ministerial (CEM) by providing a unique service to policymakers that offers assistance for clean energy policies and programs worldwide. In doing so, this initiative supports the CEM's efforts to improve energy efficiency, enhance clean energy supply, expand clean energy access, and accelerate the transition to a clean energy economy.

Key Activities

- Ask an Expert Service—The Solutions Center's no-cost policy assistance consultation service is available for government agency representatives from any country and the technical institutes assisting them. To support requests for policy assistance, the Solutions Center established a team of more than 35 international clean energy experts.
- Web-Based Training and Peer Learning—In collaboration with partner institutions, the Solutions Center presents webinars, e-learning courses, podcasts, and videos featuring global clean energy leaders on a wide range of clean energy policy topics. The Solutions Center also provides policy training at events convened by others.
- Resource Library and Policy Tools and Data—The Solutions Center curates and continually updates an extensive collection of clean energy resources to help policymakers access clean energy policy best practices, reports, data and analysis tools. The Solutions Center has also teamed with India, Mexico, and the Caribbean Community (CARICOM) to expand sub-national and regional datasets that provide summary information of clean energy policies.
- Clean Energy Finance Solutions Center—the Solutions Center is developing a dedicated and distinct section on clean energy finance. The Finance Solutions Center will offer a centralized portal for

highlighting other multilateral efforts, expert assistance by financial experts to government policymakers, and categorized information on a range of finance mechanisms and supportive policies.

- Best practice policy report: The Next Generation of Renewable Electricity Policy—The Solutions Center has released a unique report that provides an assessment of evolving and emerging policy mechanisms in both developed and developing countries.
- Clean Energy Policy Briefs—The Solutions Center has released four new policy briefs covering key considerations and good practices for developing policies that support [wind power](#) deployment, [solar power](#) development, [feed-in tariff design](#), and establishing [renewable portfolio standards](#).
- The World Bank’s Energy Sector Management Assistance Program (ESMAP)—the Solutions Center, in collaboration with the 21st Century Power Partnership, will support joint project execution on variable renewable energy integration activities, leverage fast-response technical assistance for long-term projects, and coordinate requests for expert assistance and joint training events.
- Inter-American Development Bank (IDB)—The Solutions Center has developed a partnership with the IDB to support delivery of Ask an Expert services to Latin American and Caribbean (LAC) countries, advance the IDB role as regional hub for SE4ALL, and support capacity building and knowledge sharing for clean energy policies and programs for LAC countries.
- Asia Development Bank (ADB)—the Solutions Center has developed a partnership with the ADB to support delivery of Ask an Expert services to Asia-Pacific countries and launch a regional network for renewable energy grid integration. The new network will focus on regional working groups and training to provide technical resources on good practices for grid integration, targeted knowledge exchange, and extended technical assistance.
- Renewable Energy Policy Advice Network (REPAN)—The REPAN initiative, a joint MOU between the Solutions Center and the International Renewable Energy Agency (IRENA), continues to provide renewable energy policy support to countries around the globe. Solutions Center experts and IRENA recently conducted a Solar Water Heating TechScope Market Assessment for Mauritius and Seychelles.
- Clean Energy Regulators Initiative (CERI)—The Solutions Center is working with the 21st Century Power Partnership and Leonardo Energy to enable knowledge exchange and capacity building for utility regulators on energy efficiency, demand-side management, smart grids, and renewable energy deployment and integration.

Progress and Accomplishments

Since its inception, the Clean Energy Solutions Center has:

- Responded to more than 160 requests from nearly 80 countries for expert policy assistance through the Ask an Expert service on renewable energy, energy efficiency, clean transport, and energy access. Recent examples include:
 - ✓ Assistance to Nepal focused on developing policies to support scale up the country’s renewable energy sector, in cooperation with the Asia Development Bank.
 - ✓ Assistance to the Government of Chad, for analysis of rural electrification technologies and supporting business models to achieve clean energy access in rural and remote regions.
 - ✓ Assistance to the Government of Grenada to provide review of its electricity supply legislation.

- Developed a curated library of more than 2,400 clean energy policy resources, including reports, data, and analysis tools.
- Prepared synthesis reports and briefs on clean energy policy innovations and good practices, including renewable energy and energy efficiency policies, clean energy grid integration, and a forthcoming report on policies for enabling private sector delivery of energy access.
- Conducted more than 140 Web-based seminars that trained more than 9,000 people on a wide range of clean energy policy topics; conducted in-person policy training at several regional events convened by other organizations.
- Supported the development of a database of clean energy and energy efficiency policies and incentives in Mexico through an initial stakeholder workshop held with federal and state representatives. Similar database development is being undertaken for CARICOM.
- Convened two high-level Advisory Board meetings to provide strategic guidance and advice on Solutions Center activities and identify opportunities for expanded outreach and partnerships. The Advisory Board is composed of government representatives, multilateral institutions, civil society, and the private sector.

Other Recommendations

- Ramp up the Solutions Center expert assistance to provide support to 1,000 requests over the next five years and, where warranted, increase the limit of Ask and Expert assistance from 40 to 120 hours and allow for more in-person support.
- Develop a new Finance Solutions Portal to provide expert assistance, information, and resources to facilitate access to and scale-up of clean energy finance.
- Expand the global Ask an Expert roster to create a broader network of global, national, and sub-national experts that offer assistance in multiple languages, including expanding resources and services for sub-national governments.
- Strengthen the Solutions Center resources and website to offer a broader suite of policy reports and good practice summaries, tools, and data; provide an umbrella for disseminating tools and resources across the CEM initiatives; and translate key resources and services into other languages (e.g., French, Spanish, and Mandarin) to benefit non-English speaking users and reach a wider audience.

Current Participants and Partners

The Solutions Center is co-led and co-funded by the U.S. Department of Energy, through support from the U.S. Department of State and Australia's Department of Industry and Science, with additional support from the International Copper Association. Clean Energy Solutions Center partners provide in-kind expertise and resources in support of Solutions Center services and activities.

CEM Partner Countries

- Australia
- Denmark
- Indonesia
- India
- Italy
- Japan
- Mexico
- South Africa
- United Arab Emirates
- United States of America

Other Partners

- Alliance to Save Energy
- Asian Development Bank
- Asia Pacific Economic Cooperation
- Bloomberg New Energy Finance
- Caribbean Community · Clean Energy Education and Empowerment
- Climate Knowledge Brokers Group
- Climate Policy Initiative
- Climate Technology Initiative
- Collaborative Labeling and Standards Program
- Dalkia Energy Services
- Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
- Economic Community of West African States Centre for Renewable Energy and Energy Efficiency
- Enerdata
- Global Buildings Performance Network
- Global Cool Cities Alliance
- Global Lighting and Energy Access Partnership
- Global Superior Energy Performance Partnership
- ICLEI Local Governments for Sustainability Institute for Industrial Productivity
- Inter-American Development Bank
- International Council on Clean Transportation Regulatory Assistance Project
- International Energy Agency
- International Smart Grid Action Network
- Leonardo Energy
- Low Emission Development Strategies Global Partnership
- Multilateral Solar and Wind Working Group
- OpenEI
- Organization of American States Energy and Climate Partnership of the Americas Private Financing Advisory Network
- Regions 20
- Super-efficient Equipment and Appliance Deployment
- The Energy and Resources Institute
- The International Institute for Sustainable Development
- International Partnership for Energy Efficiency Cooperation
- International Renewable Energy Agency
- The Renewable Energy and Energy Efficiency Partnership
- The Renewable Energy Policy Network for the 21st Century
- 21st Century Power Partnership
- United Nations Environment Program United Nations Foundation Energy Access Practitioners Network
- United Nations Sustainable Energy for All
- United States Agency for International Development, World Bank
- World Resources Institute

More Information

For more information, please visit <http://cleanenergysolutions.org/>