

100% Renewables: Pipe Dream or Reality?

4 April 2017

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Some Housekeeping Items (continued)

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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 practices 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

- **Stephanie Bechler**, National Renewable Energy Laboratory

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Presentations

- **Christine Lins**, Executive Secretary, REN21
- **Dr. Sven Teske**, Research Principle, Institute for Sustainable Futures/University of Technology Sydney (UTS)
- **Kanika Chawla**, Senior Programme Lead Council on Energy, Environment and Water
- **Charles Murove**, Principal Consultant, Hermit Investments

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Question and Answer Session

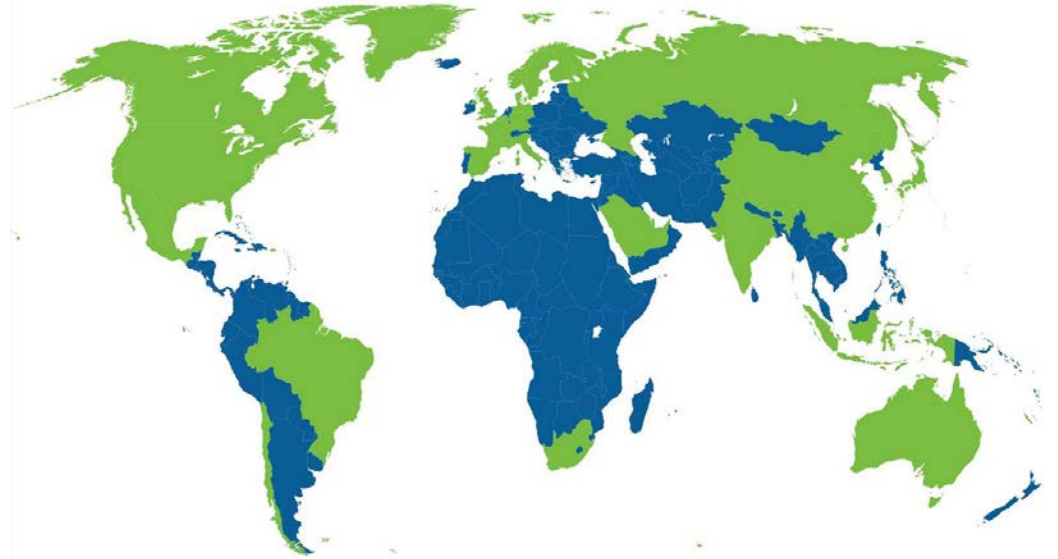
Clean Energy Ministerial

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 CO₂
emissions

Solutions Center: Background & Vision

The **Solutions Center** helps governments design and adopt policies and programs that support the deployment of clean energy technologies.

Led by Australia, Sweden, and United States, with in-kind support from Canada and Mexico.



Solutions Center: Goals and Audience

Programs and Services

- **Team of 60+ experts from around the globe delivered technical support for 350+ policy requests from more than 80 countries**
 - Extensive support across Africa, Asia, and LAC
 - Launched support for finance measures and finance portal 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

- IRENA
- IEA
- Sustainable Energy for All (SE4ALL)
- Bloomberg New Energy Finance
- United Nations Environment Programme (UNEP)
- ECOWAS Center for Renewable Energy and Energy Efficiency
- Power Africa

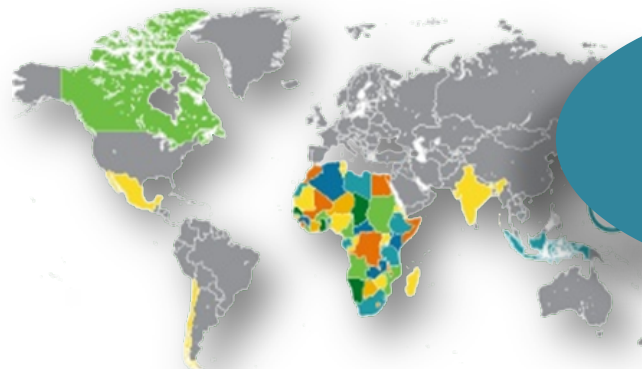


Ask an Expert: Our Experts in Action



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 deployment programs** for a broad range of clean energy sectors and technologies including:

- Energy Access
- Energy Efficiency
- Renewable Energy
- Smart Grid
- Transportation
- Utilities



Responded to more than 300 requests from over 90 countries.

Go to <https://cleanenergysolutions.org/expert> to submit a request!

Christine Lins, Executive Secretary, REN21



Christine Lins was appointed as Executive Secretary of REN21, the Renewable Energy Policy Network of the 21st Century, in July 2011. REN21 is a global public-private multi-stakeholder network on renewable energy regrouping international organizations, governments, industry associations, science and academia as well as NGOs working in the field of renewable energy. REN21 has its headquarters at UNEP, the United Nations Environment Programme in Paris/France. Between 2001 and 2011, Ms. Lins served as Secretary General of the European Renewable Energy Council. Previously, she worked in a regional energy agency in Austria promoting energy efficiency and renewable energy sources. Ms. Lins holds a Master's degree in international economics and applied languages. She has more than 20 years of working experience in the field of renewable energy.

Dr. Sven Teske, Research Principle, Institute for Sustainable Futures/University of Technology Sydney (UTS)



Dr. Teske has over 20 years' experience in technical analysis of renewable energy systems and market integration concept. He has published over 50 special reports about renewable energies including five editions of the World Energy Scenario “Energy [R]evolution: A sustainable World Energy Outlook”, a grid analysis for the Chinese province Jiangsu in cooperation with the China State Grid Company and a 100% renewable energy pathway for Australia. Dr. Teske joined the Institute for Sustainable Futures/University of Technology Sydney (UTS) in October 2015 and has worked on research projects for new business concepts for decentralized renewables (Local Network Credits), storage concepts for high renewable penetration in Australian power grids (ACOLA), as well as the development of high renewable energy pathways for G20 countries. Previously Dr. Teske was with Greenpeace International.

Kanika Chawla, Senior Programme Lead Council on Energy, Environment and Water



Kanika Chawla is a policy specialist, working at the intersection of India's two revolutions: in renewable energy and in financial markets. Ms. Chawla manages CEEW's work on renewable energy policy, finance, and jobs and skills. Her current responsibilities include: analyzing financial risks affecting renewable energy investments in India; changing market conditions and tax regimes and their impact on renewable energy; managing CEEW's periodic surveys on RE jobs; and convening a high-level working group on renewable energy finance (comprising investors, developers and manufacturers). She is actively engaged with private and public enterprises within and outside India to design and develop new financial de-risking instruments and new financial institutions, such as green banks.

Charles Murove, Principal Consultant, Hermit Investments



Charles Murove is an engineer by qualification with over 34 years of experience in the energy sector both in the public and private sectors in Africa. He has worked as an energy researcher, resource management consultant, carbon originator, technology and project evaluation and capacity building expert. His main area of focus is sustainability advisory with a particular focus on energy and water efficiency, renewable energy project evaluation and development and business case development. Capacity building for industrial, utility and government personnel and young people is an area of particular interest.

Question and Answer Session

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THANK YOU!

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