

From a Renewable Electricity Transformation to a Renewable Energy System Transformation: Renewables in Heating, Cooling, and Transport

21 June 2018

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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

1

Welcome & Introductory Remarks

2

Overview of the Clean Energy Solutions Center

- **Katie Contos**, Clean Energy Solutions Center

3

Presentations

- **Hannah E. Murdock**, Project Manager & Analyst, Renewable Energy Policy Network for the 21st Century (REN21)
- **Ute Collier**, Senior Programme Leader – Renewable Energy Division, International Energy Agency (IEA)
- **Holger Dalkmann**, Interim Secretary General, Partnership on Sustainable, Low Carbon Transport (SLoCaT)

4

Question and Answer Session

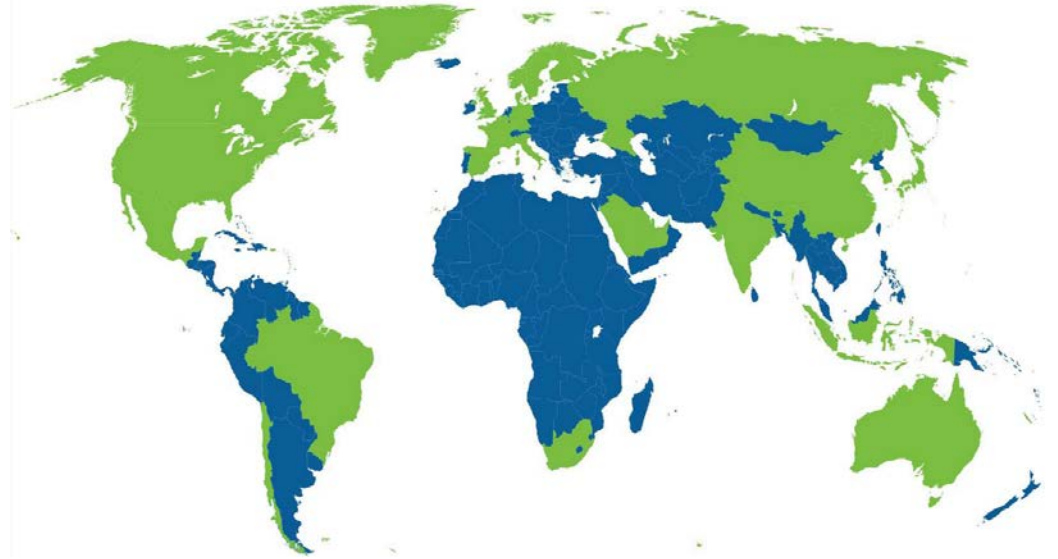
Clean Energy Ministerial

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

- Multilateral initiative, of the Clean Energy Ministerial, is co-led by the Australian Department of the Environment and Energy, Sweden's Ministry of the Environment and Energy, and the U.S. Department of Energy.
- Additional funding support from Power Africa
- In-kind support from Chile
- 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

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

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 21st Century (REN21)
- Sustainable Energy for All (SEforALL)
- United Nations Environment Programme (UN Environment)
- USAID Power Africa (USAID PA)

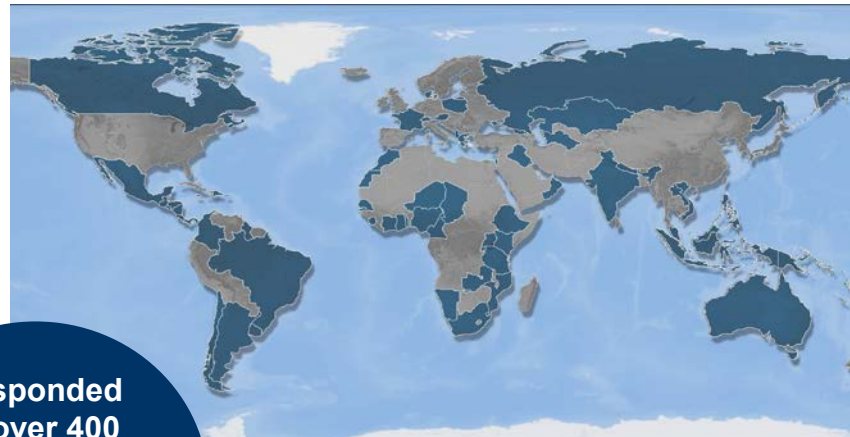


Ask an Expert: Our Experts in Action



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 400 requests for assistance from over 90 countries.

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

Hannah Murdock, Project Manager and Analyst, Renewable Energy Policy Network for the 21st Century (REN21)



Hannah E. Murdock is Project Manager and Analyst at REN21, where she coordinates the Renewables Global Status Report, REN21's flagship report published annually since 2005. In addition, she has led REN21's data collection efforts for the United Nations Environment 1Gigaton Coalition since 2015, and has co-authored the chapter on the status of renewable energy and energy efficiency policy in developing countries in the Coalition's annual publication. She has authored, co-authored, and contributed to several other publications, most recently co-authoring *Renewable Energy Policies in a Time of Transition*, jointly produced by IEA, IRENA, and REN21. She also currently serves as Teaching Assistant in the International Energy programme at the SciencesPo Paris School of International Affairs. Prior to coming to Paris, Ms Murdock was Special Projects Coordinator for Research and Operations in the University of North Texas Office of Sustainability, where she was responsible for research, planning, and analysis for broad sustainability initiatives. Ms Murdock holds master's degrees in International Energy from the Sciences Po Paris School of International Affairs, and in Public Administration from the University of North Texas.

Ute Collier, Senior Programme Leader Renewable Energy Division, International Energy Agency (IEA)



Dr. Ute Collier is Senior Programme Leader in the Renewable Energy Division of the International Energy Agency (IEA). She leads the IEA's work on renewable heat and on renewable energy policies. She is the author of a recent IEA paper on renewable heat policies and co-author of 'Renewable energy policies in a time of transition', a joint IEA, IRENA and REN21 report, providing policy recommendations for scaling-up renewable heat deployment.. Prior to joining the IEA in October 2015, she worked at the Committee on Climate Change, a statutory advisory body to the United Kingdom government. Ute holds a PhD from the University of Sussex in Energy and Climate Change Policy.

Holger Dalkmann, Interim Secretary General, Partnership on Sustainable, Low Carbon Transport (SLoCaT)



Holger Dalkmann has over twenty years of experience working in the field of transport, cities, sustainability and climate change. He was appointed as Interim Secretary General of the Sustainable Low Carbon Transport Partnership begin of May 2018 by the Board of Directors. He is one of the Co-founders of the Partnership on Sustainable Low Carbon Transport (SLoCaT) and has been on the SLOCAT board since 2013. In June 2016 he became elected Co-Chair of the board and was just re-elected in October 2017. He is representing SLoCaT in the Steering Committee of global initiative Sustainable Mobility for All. Last year he moved to Berlin where he operates as an independent consultant working on those issues with a variety of organisations like GIZ, DFID and World Bank. He also joined Agora Verkehrswende as Senior Advisor in September 2017 to lead the international engagement.

Holger holds a Masters degree in Geography and taught at the University of Duisburg and University of Trier. He has published over 100 articles including the influential Avoid-Shift-Improve concept.

Question and Answer Session



**Hannah E. Murdock,
REN21**



**Ute Collier,
IEA**



**Holger Dalkmann,
SLoCaT**

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