

Towards Universal Energy Access by 2020 in Rwanda: The role of government, multilateral and private sector stakeholder engagement to achieve scale

27 June 2017

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Agenda

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Welcome & Introductory Remarks

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Overview of the Clean Energy Solutions Center

- **Stephanie Hernandez**, Clean Energy Solutions Center

Overview of the Energy Access Practitioner Network

- **Yasemin Erboy Ruff**, Senior Officer, United Nations Foundation

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Presentations

- **Eng. Robert Nyamvumba**, Energy Division Manager, MININFRA, Republic of Rwanda
- **Claire Nelson**, Rwanda Power Africa Lead, USAID
- **Bibek Kandel**, SOGER Program Manager, Energy4Impact
- **Godfrey Odhiambo**, Country Director-Rwanda, Off-Grid Electric
- **Amaury Fastenakels**, Head of Strategy, BBOXX

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Question and Answer Session

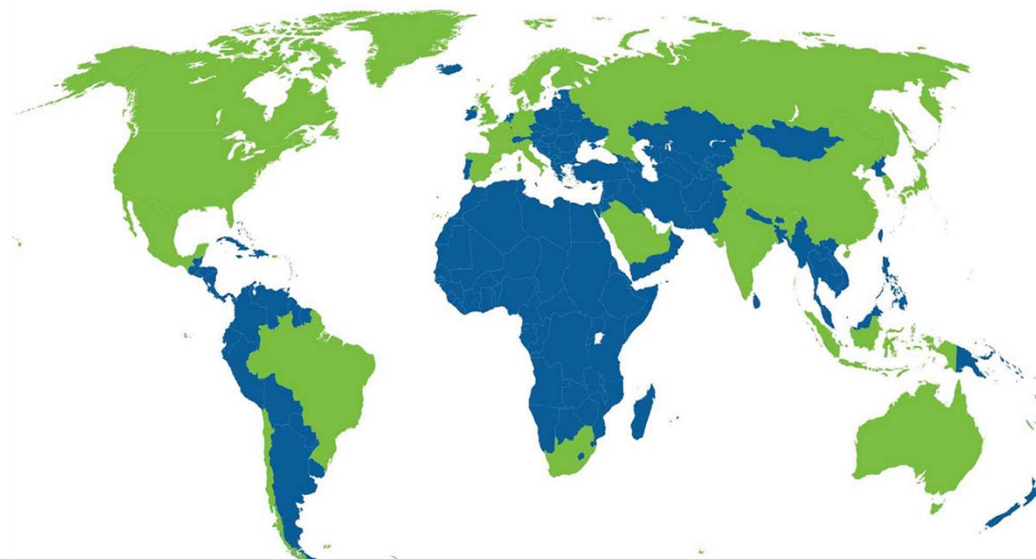
Clean Energy Ministerial

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

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

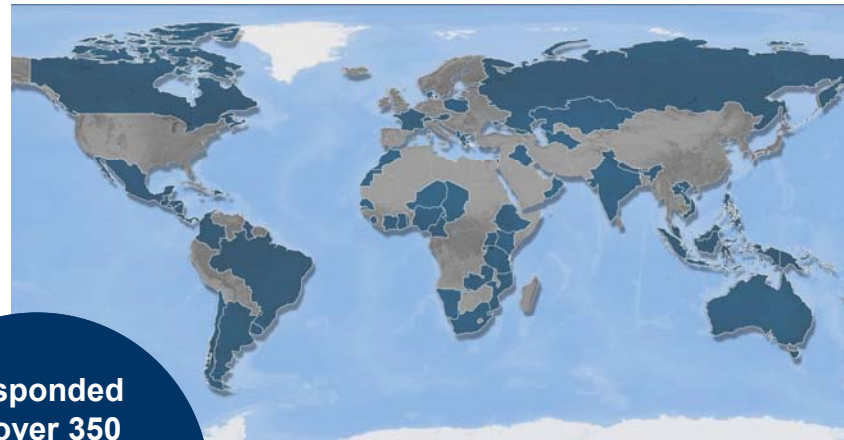


Ask an Expert: Our Experts in Action



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 350 requests for assistance from over 80 countries.

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

Yasemin Erboy Ruff, Senior Officer, United Nations Foundation



Yasemin Erboy Ruff is a senior Officer with the UN Foundation's Energy and Climate team, primarily assisting in coordinating efforts to scale up energy access in developing countries. She manages the day-to-day operational coordination and strategic planning of the UN Foundation's Energy Access Practitioner Network, and she serves as the Energy and Climate team's focal point for research and writing support on materials related to the energy access issue area. Prior to joining the UN Foundation, Yasemin majored in environmental science at Columbia University and gained her master's.

Eng. Robert Nyamvumba, Energy Division Manager, MININFRA, Republic of Rwanda



Robert Nyamvumba is a holder of BSc. Electrical Engineering from Kigali Institute for Science and Technology (KIST) currently Energy Division Manager at Ministry of Infrastructure, Rwanda since Feb, 2015. Robert Nyamvumba is a former Deputy Director General of Energy Water and Sanitation Authority (EWSA Ltd) and Managing Director of Energy Development Corporation (EDCL) the subsidiary company for Rwanda Energy Group (REG Ltd) from 2013 to Feb, 2015. He has worked in different managerial positions as the Manager of National electricity Control Center for the State Utility in ELECTROGAZ. He has more than 10 Years of experience in the energy sector dealing with Utility Operations, Energy projects development, Negotiating Power Purchase Agreements in different technologies (Peat, Methane Gas, Hydro, and Solar) with Independent Power Producers. Expert in Power Systems, Renewable Energies and Off-Grid Technologies.

Claire Nelson, Rwanda Power Africa Lead, USAID



Claire Nelson has led the Power Africa initiative at USAID in Rwanda since late 2016, where she oversees the initiative's transaction advisory support services, technical assistance and capacity building for key government institutions and the private sector. Before joining Power Africa, Claire worked on business development and government relations in emerging markets for Mainstream Renewable Power, a global wind and solar developer. Claire holds a MSc in environmental policy and regulation from the London School of Economics.

Bibek Kandel, SOGER Program Manager, Energy4Impact



Bibek Raj Kandel is a Programme Manager of E4I managed Scaling up Off-Grid Energy in Rwanda(SOGER), a Sida funded off-grid electrification programme in Rwanda. His work experience encompasses over 10 years in designing and implementing range of renewable energy projects in Nepal, and much recently in Rwanda. Kandel holds an MSc in Environmental and Energy Management from University of Twente, Netherlands and a Bachelor's degree in Civil Engineering from Tribhuvan University, Nepal.

Godfrey Odhiambo, Country Director- Rwanda, Off-Grid Electric



Godfrey Odhiambo is the Managing Director in Rwanda at Off-Grid Electric. For the past 15 years, Godfrey has worked in Financial Services, Aviation and Consulting industries in different capacities helping his employers and clients create, grow and protect their wealth and therefore have an intimate understanding of all facets of managing businesses.

Amaury Fastenakels, Head of Strategy, BBOXX



Amaury Fastenakels is the Head of Strategy of BBOXX, the largest off-grid solar company in Rwanda.

He joined BBOXX as one of the first employees and helped define the retail operations and product offering of BBOXX which has already brought electricity to more than 100.000 households. More recently he has worked on the new products and services offered to our customers.

He used to be consultant for The Boston Consulting Group during which he worked in strategy, supply chain, customer retention and strategic due diligence. Amaury has an M.Eng. from Imperial College London in Chemical Engineering.

Question and Answer Session



Yasemin Erboy Ruff,
UNF



Robert Nyamvumba,
Ministry of Infrastructure



Claire Nelson,
USAID



Bibek Raj Kandel,
E4I



Godfrey Odhiambo,
Off-Grid Electric



Amaury Fastenakels ,
BBOX

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