

**CLEAN ENERGY
SOLUTIONS CENTER**

Towards Universal Energy Access in Ghana

July 9, 2014



 **CLEAN ENERGY
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ASSISTING COUNTRIES WITH CLEAN ENERGY POLICY

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Welcome & Introductory Remarks

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Overview of the Clean Energy Solutions Center

- **Sean Esterly**, National Renewable Energy Laboratory

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Presentations

- **Aneri Patel**, Officer, Energy Access, United Nations Foundation
- **Paula Edze**, National Coordinator for Sustainable Energy for All (SE4ALL) implementation, Ghana
- **Wisdom Ahiataku-Togobo**, Director of Renewable Energy, Ministry of Energy, Ghana
- **Ishmael Edjekumhene**, Director of KITE, Interim Chair, SENG
- **Kwasi Agyenim Boateng**, Marketing Manager, Wilkins Engineering

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Question and Answer Session

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Attendee Survey

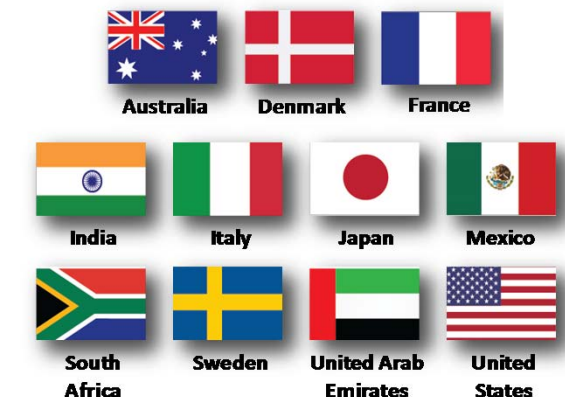
Solutions Center Background and Vision

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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 Superior Energy Performance Partnership (GSEP),
 - Super-Efficient Equipment and Appliance Deployment (SEAD) initiative,
 - Global Lighting and Energy Access Partnership Global LEAP)
- 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 most countries.
- Has nearly 35 partners, including UN-Energy, IRENA, IEA, IPEEC, Sustainable Energy for All, Bloomberg New Energy Finance and Leonardo Energy



ENERGY ACCESS
PRACTITIONER NETWORK

CLEAN ENERGY
SOLUTIONS CENTER
ASSISTING COUNTRIES WITH CLEAN ENERGY POLICY

Goals

- **Serve** as the primary resource for clean energy policy information, assistance and peer learning for governments and government-affiliated practitioners..
- **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.

Primary

- Government Policy Makers
- Advisors

Secondary

- Private Sector Companies
- Energy Entrepreneurs and Investors
- Non-Governmental Organizations

Target Audiences

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Ask-an-Expert: Our Experts in Action

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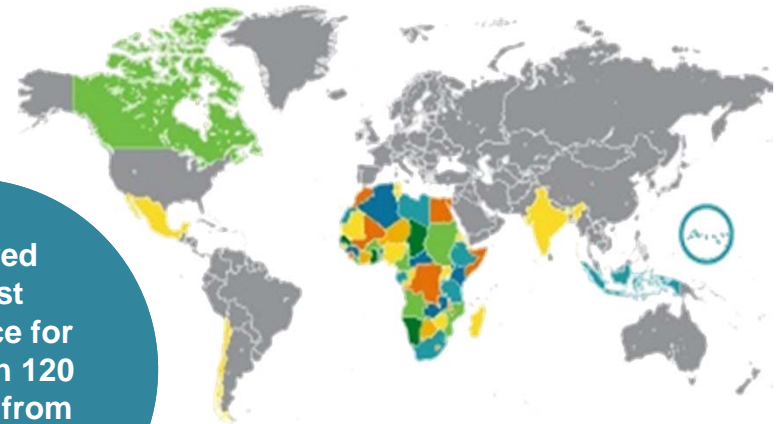


Connects policymakers to a global network of more than 30 energy experts for quick-response technical assistance on policies and programs relating to:

- Transportation
- Renewable Energy
- Energy Access
- Energy Efficiency
- Smart Grid
- Integrated Planning
- Regulators and Utilities



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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

Stay Informed

- Subscribe to our newsletter for clean energy policy updates



Aneri Patel - Officer, Energy Access, United Nations Foundation

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Aneri Patel helps manage the Energy Access Practitioner Network, a 1700+ member network of off-grid energy professionals around the globe and leads the Network's Africa work. She has extensive on-the-ground experience in Bangladesh, India, and Uganda providing clean energy solutions for the low-income market, including working with carbon finance for cookstove projects. A serial social entrepreneur, she started a business in south India that supplies essential technologies for remote villagers and is the founder of ENventure, a non-profit that mentors young entrepreneurs in developing countries to launch similar businesses. She is a frequent public speaker and notably gave a well-received TEDx talk in DC. She has a Masters in Environment and Development from the London School of Economics and Political Science and a BA in International Studies from the University of North Carolina at Chapel Hill.

Paula Edze, National Coordinator for Sustainable for All (SE4ALL) in Ghana, Ghana Energy Commission

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Ms. Paula Edze joined the Ghana Energy Commission in September 2013 as the National Coordinator for Sustainable Energy for All (SE4ALL) implementation in Ghana. As the National Coordinator, Paula works closely with key implementing government institutions such as the Ministry of Energy and Petroleum, Ministry of Food and Agriculture, Ministry of Fisheries and Aquaculture Development, the Energy Commission, etc. and other partners from the civil society, private sector, development and donor community to execute activities outlined in Ghana's SE4ALL Country Action Plan. She prepares annual action plan, budget, implementation strategies, monitor and report on progress being made by key implementing partners and serve as a liaison between implementing partners where needed. Paula also develops project proposals to raise funds for SE4ALL programmes.

Prior to joining the Energy Commission, Paula worked with KITE, a Ghanaian NGO for four years as Projects Officer. She holds a Master's degree in Environmental Monitoring and Analysis from Aberystwyth University in Wales and a Bachelor of Science in Natural Resources Management from Kwame Nkrumah University of Science and Technology (KNUST) in Kumasi, Ghana.

Wisdom Ahiataku-Togobo , Director of Renewable Energy, Ministry of Energy, Ghana

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Mr. Ahiataku-Togobo has a BSC degree in Physics and Mathematics from the University of Ghana, Legon in 1988; and an MSC degree in Renewable Energy from the University of Oldenburg, Germany in 1998. He also has a post graduate certificate in Investment Appraisal and Risk Management from Queens University, Kingston Canada in 2003. He started his career in the renewable energy sector in 1989 and has, over the years, developed his skills and capacity in the implementation of renewable energy programmes for rural energy access. He has very rich experience in the management and application of various renewable energy technologies for decentralised electrification in off-grid location for sustainable development. He is currently the Director of Renewable Energy at the Ministry of Energy Ghana. Prior to this, he was the Renewable Energy Expert for the World Bank – Ghana Energy Development and Access Project (GEDAP) from May 2008 to November 2010. He has also served as the Project Coordinator for the UNDP/EC Household Energy Programme in Ghana from January 2006 to February 2008. Mr. Togobo is a visiting lecture and has a number of publications, articles and reports on rural energy and sustainable development to his credit.

Ishmael Edjekumhene, Director, KITE, Interim Chair, SENG

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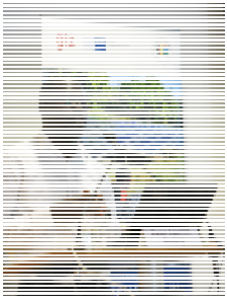


Mr. Ishmael Edjekumhene is currently the Director of KITE. Mr. Edjekumhene joined KITE in 1999 as a Projects Officer. Mr. Edjekumhene has been involved in the development and/or execution of several development-related research projects thereby contributing substantially to the body of knowledge being generated within KITE. He has in addition been managing the KITE office in Kumasi as well as being a member of the KITE Management Committee since 2003. He has thus been involved in the decision making processes of the organization and the direct supervision of the day to day operations of project and non-project staff. Mr. Edjekumhene has also represented KITE at several international, regional and national fora/conferences notably among them are the 2008 Washington Renewable Energy Conference and the 6th Conference of Parties (COP 6) in Hague, the Netherlands in 2000.

Mr. Edjekumhene's current research interests include ensuring the provision and preservation of energy public benefits such as access, energy efficiency, renewable energy and environmental protection in a reformed energy sector, mainstreaming of energy in national development programmes and climate change with emphasis on the monetization of carbon. He holds a Masters degree in Economics (Public Policy) from the University of Hull, UK and Bachelors degree in Land Economy (with first class honours) from the Kwame Nkrumah University of Science and Technology, Ghana. He is married to Rita and blessed with three kids – Awura Ama, Nana Osei and Oheneba.

Kwasi Agyenim Boateng, Marketing Manager, Wilkins Engineering

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Kwasi Agyenim Boateng is the Marketing Manager for Wilkins Engineering Limited, a private Renewable Energy Company based in Accra Ghana. He has overseen the implementation of various projects including the installation of solar systems for Community Health Posts in rural Ghana over the past 8 years.

The company was established in 1993 and currently employs over 500 people with an annual turnover of GHS10 million. The company focuses on extending electricity to rural Ghana through dealerships.

Kwasi has overseen the sales and installation of over 50 thousand solar home systems, pico systems and lanterns in rural Ghana.

Please submit any questions through the “Question Pane” of the GoToWebinar panel

Questions



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