



West Africa Mini-grids Workshop: Technological Advances, Regulatory Framework, and Quality Assurance November 13 – 14, 2018 08:30 AM – 5:00 PM Radisson Blu Dakar, Senegal

This program is sponsored by U.S. Trade and Development Agency (USTDA) through the U.S.-Africa Clean Energy Standards Program (CESP) and organized in cooperation with the ECOWAS Sustainable Energy Forum (ESEF2018).

OBJECTIVE

Solar mini-grids are an increasingly viable solution for providing remote populations with reliable electricity access. Across West Africa, and in countries like Senegal where only 34 percent of the rural population has access to electricity, mini-grids present a promising alternative to traditional grid infrastructure. This Workshop will feature presentations by U.S., Senegalese, and other African experts from both the public and private sectors to address quality assurance, system planning, energy storage systems, data management, metering, and other important aspects of mini-grid development.

PLEASE NOTE THAT THE FIRST TWO SESSIONS WILL BE DONE WITH THE ESEF FORUM.

AGENDA

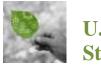
9:00 - 10:45	Welcome Remarks
	Mr. Mahama Kappiah, ECREEE Executive
	Cheryl Voisard, USAID Power Africa Director
	Raihan Elahi, World Bank
	Clare Sierawski, USTDA Power Africa West Africa Regional Manager
	Sedika Douka, ECOWAS Commissioner for Energy and Mines
	• H.E. Ambassador J. Gonzalez Ducay, Head of the EU Delegation to Senegal
	Mohamaed Juldeh Jalloh, Vice-president of Sierra Leone
	Jean-Claude Brou, President of ECOWAS Commission
	Keynote Address and launch of 2018 Energizing Finance SE4All Report:
	Rachel Kyte, SeforALL CEO
	Opening Speech
	Elimane Kane, Minister of Petroleum and Energies, Senegal
10:45 - 11:00	Group Picture
11:00 - 11:30	Tea/Coffee Break
11:30 - 13:30	High-Level Panel Discussion:
	Sustainable Energy Market Development in West Africa



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	Moderator: Mohamaed Juldeh Jalloh, Vice-president of Sierra Leone
	Presentations:
	• Boubacar Mobodj, Special Advisor of the President of the Republic of Senegal
	Sedika Douka, ECOWAS Commissioner for Energy and Mines
	Dr. Bachir Ismael Ouedraogo, Minister of Energy, Burkina Faso
	Alhaji Kanja Sesssay, Minister of Energy of Sierra Leone
	• H.E. Ambassador J. Gonzalez Ducay, Head of the EU Delegation to Senegal
	Rachel Kyte, Special Representative to the Secretary General and CEO, SEforALL
	Siengui Apollinaire Ki, Secretary General, WAPP
	Prof. Honoré BOGLER, Chairman, ECOWAS Regional Electricity Regulatory Authority
	(ARREC)
	Mahama Kappiah, Executive Director, ECREEE
	Discussion and Q&A
13:30 - 14:30	LUNCH BREAK
14:30 - 15:00	FOCUS TOPIC 1: Senegal's Solar Mini-Grid Market
14.50 15.00	A background on the mini-grid sector in Senegal, including lessons learned.
	Moderator: Lamine Ndour, Millenium Challenge Corporation
	Presentations:
	Ibrahima NIANE, Director of Electricity, Ministry of Energy & Petroleum
	Baba DIALLO, Director General, ASER
	Discussion and Q&A
15:00 - 16:00	FOCUS TOPIC 2: Best Practices and Lessons Learned from Across Africa: Mini-grid Policies
	and Standards to Support Success
	Moderator: Aaron Leopold, Africa Mini-grid Developers Association
	Examples from regional governments on enabling policy to support mini-grid development.
	Presentations:
	• Dr. Sanusi Ohiare, Executive Director, Rural Electrification Fund (Nigeria)
	Mamadou Ouattara, Managing Director, AMADER (Mali)
	Marc NOUNAGNON, Decentralized Energy Project Manager, MCA-Benin II
	• Aminata Ba, Off-grid transaction advisors under the Power Africa Transactions and
	Reforms Program (PATPR)
	Discussion and Q&A
16:00-16:30	Tea/coffee break
16:30-17:30	FOCUS TOPIC 2 Continued:
	Examples from the private sector on enabling policy to support mini-grid development Moderator: Clare Sierawski, USTDA
	Presentations:
	Ibrahim Togola, Access Energy
	 Pam Onyanyo, Renewvia
	Paul-Francois Cattier, Schneider
	Discussion and Q&A
	End of Day 1: Closing Remarks
17:30	





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Day 2

8:45 – 9:30	Welcome and Opening remarks:
	Clare Sierawski, USTDA Power Africa West Africa Regional Manager
	Cheryl Voisard, USAID Power Africa Director
	ECREEE Representative
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09:30 - 10:30	FOCUS TOPIC 3: Quality Assurance and Technical Standards for Mini-Grids
	Experiences and insights from experts
	Moderator: David Jankowski, ANSI Presentation:
	Presentation:
	• Tim Reber, National Renewable Energy Lab (NREL)
	Panel Discussion (30 min):
	Ousmane Fall Sarr, ASER
	Pr. Issakha Youm, CERER
10:30 - 11:00	Tea/coffee break
11:00 - 12:30	FOCUS TOPIC 4: Standardizing Mini-grid Modeling, Feasibility, & Financial Analyses
	Moderator: Yann Tanvez, IFC
	Presentations:
	• Peter Lilienthal, HOMER Energy
	Emily McAteer, Odyssey Energy Solutions
	• Ali Djire, FRAYM
	Discussion and Q&A
12:30 - 14:00	Lunch Break
14:00 - 15:00	FOCUS TOPIC 5: New Approaches to Minigrid Configurations - Batteries and Design
14.00 - 15.00	Moderator: Juan Garcia Montes, SUNKOFA Energy
	Presentations:
	Gord Petroski, Alpha
	Darren Hammell, Princeton Power
	Yann Chauvelin, Sagemcom
	Discussion and Q&A
15:00 - 16:30	Focus topic 6: New Approaches to Minigrid Configurations: Metering to Ensure Data Quality,
	Quality Service and Customer Service Moderator: John Kidenda, POWERGEN Renewable Energy
	Presentations:
	Sayan Chakraborti, MRIGlobal
	- Suyun chaktabola, Millobal



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	 Thibault Faninger, Elum Stine Carlé, AMMP Amadou Ly, AKILEE Discussion and Q&A
16:30 - 17:30	Bringing it all together: Panel Coordinating Quality and Best Practices Moderator: Philippe Miquel – CEO, ENGIE - Western & Central Africa
	 Panelists: Gord Petroski, Alpha Peter Lilienthal, HOMER Energy Pam Onyanyo, Renewvia Ibrahim Togola, Access Energy Ibrahima NIANE, Director of Electricity, Ministry of Energy & Petroleum Ousmane Fall Sarr, ASER
17:30	End of Workshop Closing Remarks