



5th Africa Mini Grids Summit

27 - 29 June 2019 | Hotel InterContinental, Nairobi, Kenya

Advancing Successful Mini Grid & Solar Home Systems in Africa

By 2040, an estimated 140 million rural Africans will get electricity from mini-grids, requiring more than 100,000 mini-grids to be built.

In Nigeria, the government target of 10,000 mini grids by 2023. This is expected to power 14% of the population & create a \$20 billion investment opportunity generating over \$3 billion in annual revenue.

In Kenya, power has been touted as a \$14.8 billion opportunity over the next five years across power generation, transmission, distribution, off-grid electrification, mini-grids and solar systems for homes and institutions.

In Uganda, in its 10-year Rural Electrification Strategy and Plan 2013-2022 (RESP), the Ugandan government set a target to increase access to electricity in rural areas to 26% by 2022. This includes increasing the number of off-grid connections by 138,500, with over 95% expected to be SHS installations.

The World Bank recently added substantial impetus to the wave of off-grid solar energy projects sweeping across Sub-Saharan Africa.

The African Development Bank "New Deal on Energy for Africa," aims to provide energy to 205 million people in Africa by 2025, with 75 million of those being connected through solar energy and other connections outside the national electricity grids.

The bankability of mini grids is boosted with government intervention funds, credits, sovereign guarantee, donor credit facility & are increasingly appealing to traditional financial institutions.

Join us at the 5th Africa Mini Grids Summit where these timely and industry-relevant issues will be discussed:

- ❖ Mini grid policies and regulation updates of African countries including Ghana, Kenya, Uganda, Tanzania, Nigeria, etc
- ❖ Different approaches to mini grids implementation and partnerships
- ❖ Enabling mini grids framework for small scale producers
- ❖ Bankability and commercial models
- ❖ Changing landscapes for mini grids financing
- ❖ Hybrid technologies integration plus the growing importance of energy storage in mini grids
- ❖ Technology choices and design
- ❖ Pricing Issues for Africa: Affordable costs of energy vs investor / business profits
- ❖ Innovative tariff structures
- ❖ Investor risk versus what is acceptable profit in the African context
- ❖ Key to success for distributed mini grids
- ❖ Attracting finance and developing mini grids business plans
- ❖ Stimulating investments by developing more attractive deals

Do not miss the Field Visit to the Oloika Mini Grid Project in Kajiado County, Kenya



This enriching site visit to a live mini grid project will enable participants to understand first-hand the social, technical, economic and humanitarian benefits of this project and how it was executed.

The project is joint-funded by **Energy for Development (e4D)**, who provided the generation costs, and the **Rural Electrification Authority (REA)**, Kenya, who provided the civil work and distribution grid.

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www.africaminigrids.com

Call us today at **+65 6846 2360** or email us at enquiry@magenta-global.com.sg to secure your Conference Pass to the most established meeting for the Mini Grids Sector.

Across Sub-Saharan Africa, access to reliable, affordable electricity has been identified as one of the greatest obstacles to growth.

Grid is slow and hugely expensive. Governments are looking towards off-grid and mini grids solutions.

Top priorities are focused on:

- ❖ Liberalising Policy Environment
- ❖ Strengthening the Markets for Off grid & Mini Grid Solutions
- ❖ Scaling Mini Grids for Last Mile Electrification
- ❖ Financial Support from Donors, Regulators and Commercial Financers
- ❖ Creative Business Models for Sustainability



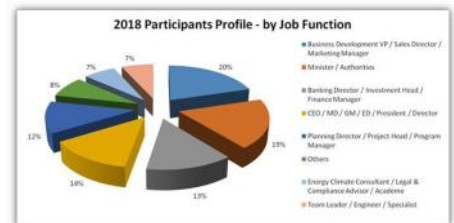
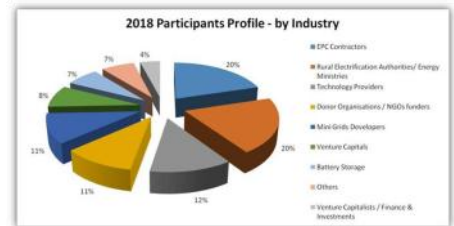
Why You Must Not Miss this Summit:

- Africa Mini Grids Summit is the only authoritative mini grids-focused event in the region bringing together public and private stakeholders
- Probe the exciting opportunities present in Africa's mini-grids market and private sector participation
- Hear from policy makers and government officials the plans and targets for a coherent and favourable operating environment
- Meet with key stakeholders and decision makers involved in the revolution of Africa's electricity supply
- Find out how you can benefit from the incentives for investment
- Evaluate the business case for mini grids implementation and the latest technological applications relevant to your business
- Address the complexities involved with mini grids investments and how you can manage the risks and optimise ROI
- Learn more about the available financing options and the makings of a bankable mini grids project
- Adopt best practice strategies and technical know-how from successful projects in the region



Who will be Attending this Summit?

- Mini Grid Developers
- Independent Power Producers
- Power Utilities
- Municipalities and Counties
- Government Authorities and Regulators (Ministry of Energy / Finance / Industry)
- International Financial Institutions
- Banks and Investment Firms
- Private Debt and Equity Players
- Development Aid Agencies / DFIs
- Research Institutes
- Technology and Solutions Providers
- RE Developers (Solar, Hydro, Wind and Biogas)
- EPC Contractors
- Energy Storage Solutions Providers
- Engineering & Energy Consultants
- Legal Firms
- Solar Panel Manufacturers
- Public Sector Organisations
- NGOs



3 Easy Ways to Participate!

1. Register as a **Delegate** to benefit from direct insights of experts.
2. Highlight your brand and industry thought leadership in front of the very people that matter to your business by becoming a **Sponsor**.
3. As an **Exhibitor**, showcase your latest technologies and services in your own exclusive space by securing an exhibition booth at the event.

For **Sponsorship & Exhibition**, email: marketing2@magenta-global.com.sg

Limited exhibition spaces and marketing platforms are available for companies to showcase their products, services, and technology to industry players across the African region.



Media Partners



5th Africa Mini Grids Summit 2019: SUMMIT AGENDA

DAY ONE: Thursday 27th June

08.30	Registration & Coffee
OPENING SESSION	
09.00	Welcome by the Organisers Maggie Tan, <i>CEO, Magenta Global Pte Ltd</i>
09.05	Introductory Remarks by Summit Chairman Mini Grids: Lessons from the Field Dr Abubakr S Bahaj, <i>Professor of Sustainable Energy, Head of Energy & Climate Change Division, University of Southampton and Chief Scientific Adviser, Southampton City, United Kingdom</i>
09.30	Strengthening Markets for Off-Grid Solutions in Kenya Nickson Bukachi, <i>Senior Renewable Energy Officer, Energy Regulatory Commission, Kenya</i>
10.00	Kenya's Renewable Energy Policy in Support of the Mini Grids Paul N Mbuthi, <i>Senior Assistant Director of Renewable Energy, Ministry of Energy, Kenya</i>
10.30	Networking Coffee & Tea Break
COUNTRY PROGRAMMES & FINANCE PLATFORM	
11.00	Mini Grids in Tanzania: Enabling Environment for Small Power Producers Eng Amos W Maganga, <i>Director General, Rural Energy Agency, Tanzania (invited)</i>
11.30	Off-Grid Electricity Access Expansion Programs in Zambia Partie Kabango, <i>Chief Engineer Power Generation and Distribution, Rural Electrification Authority, Zambia</i>
12.00	Off-Grid Electricity Access Expansion Programs in Rwanda Robert Nyamvumba, <i>Manager, Energy Division, Ministry of Infrastructure, Rwanda (invited)</i>
12.30	Networking Luncheon
13.30	The Role of Mini Grids to Address Uganda's Power Deficit Benon Bena, <i>Head of Off-Grid Renewable Energy Development, Rural Electrification Agency, Uganda</i>
14.00	Addressing Key Investor Questions: Market-Sizing Analysis on African Mini-Grid Markets <ul style="list-style-type: none"> Key areas of investment uncertainty Comparing and contrasting East and West African market sizes and potential Reza Fazel, <i>Senior Project Leader, Open Capital Advisors</i>
14.30	SPECIAL SESSION: Scaling Mini Grids for Last Mile Electrification in Ghana - The Role of Policy and the Private Sector This joint presentation aims at shedding light on mini-grids policy issues in Ghana. The outcomes of two studies will be presented: the analysis of the gaps in Ghana's mini-grids policy environment, especially with respect to private sector participation, and the impact evaluation of mini-grids in some beneficiary communities and how the promotion of productive uses allows to increase scale. Session Lead & Facilitator: Dramani Bukari, <i>Project Manager, SNV Netherlands Development Organisation, Ghana</i> Co-Presenters: Nicole Poindexter, <i>CEO & Founder, Black Star Energy, Ghana</i> Edem Bensah, <i>Coordinator & Senior Scientist, Centre for Energy, Environment, and Sustainable Development, Ghana</i>
15.30	Networking Coffee & Tea Break
16.00	Scaling-Up Finance for Mini Grids: Nigeria Structuring new workable partnerships between private developers, Government and DFI/donors to create PPP structures that enable access to conventional finance from commercial lenders and the capital markets. Clifford J Aron, <i>President & Founding Principal, GreenMax Capital Group, USA</i>
16.30	PANEL DISCUSSION: Regulatory Issues & Challenges Facing Community Mini Grids <i>Panellists will be selected from various stakeholders - governments, regulators, academics, businesses and NGOs.</i>
17.15	End of Day One

DISCLAIMER: The program is correct at the time of publishing. The organiser may (at its sole discretion) change the format, speakers or any other aspect of the Conference at any time and for any reason, whether or not due to a Force Majeure Event, in each case without liability.

DAY TWO: Friday 28th June

DEVELOPERS & MARKETS PLATFORM	
09.00	Chairman's Remarks Dr Abubakr S Bahaj, <i>Professor of Sustainable Energy, Head of Energy & Climate Change Division, University of Southampton, and Chief Scientific Adviser, Southampton City, United Kingdom</i>
09.10	Getting to Scale: What it Will Take to Get to a Sector with More Than 100,000 Connections Per Developer Bridging the gap between 10K connections and 100K connections per developer will require significant support from donors, regulators and commercial financiers. Key areas of support will include regulatory clarity and stability, subsidy parity, and cost and service enhancements for developers. John Kidenda, <i>Director, Africa Minigrad Developers Association and PowerGen Renewable Energy</i>
09.45	GMG Facility Kenya: Progress and Lessons Learned Gerard Hendriksen, <i>Team Leader, GMG, IED</i>
10.15	Pay-as-you-go (PAYG) or Other Off-Grid Business Models: What Works and Tariff Optimisation and Metering <i>(Speaker to be advised), Africa Enterprise Challenge Fund (AECF)</i>
10.45	Networking Coffee & Tea Break
11.15	Mini Grids Project Spotlight: Case Study from a Project Developer Richard Mori, <i>CEO, XPower, Rwanda</i>
11.45	Private Sector-Operated Mini-Grids: Transformative or Transitional? Are mini grids a transitional form of electrification as communities wait to be connected to the main grid or are they comparable to, or even better, than traditional grid electrification? Experiences from Tanzania, Rwanda, Kenya, Somalia, Mali and Nigeria. Murefu Barasa, <i>Managing Partner, EED Advisory Ltd</i>
12.15	Networking Luncheon
14.00	Improved Performance of Off-Grid Energy Systems Through Remote Monitoring <i>(Reserved for Sponsor)</i>
14.30	Technological Innovations & Challenges in Accelerating Energy Access in Africa: Energy-Digital Nexus Balthasar Klimbie, <i>Key Expert Rural Energy, The EU's Technical Assistance Facility (TAF) for the Sustainable Energy for All (SE4ALL) Initiative</i>
15.00	Stimulation of End User and Productive Use of Electricity Key ingredients in the creation of a model rural utility. Highlights from a rural community in Mutambu commune of rural Burjumbura province in Burundi. Steve Wasira, <i>VP of Business Development, Virunga Power</i>
15.30	Networking Coffee & Tea Break
16.00	Project Finance: The Key for Bringing Scale to the Mini-Grids Sector Humphrey Wireko, <i>Senior Associate, CrossBoundary Energy Access</i>
16.30	Transforming Regional Energy Market through Policy Harmonization Fred Ishugah, <i>Sustainable Energy Expert, East African Centre for Renewable Energy and Energy Efficiency (EACREEE)</i>
17.00	Chairman's Closing & End of Day Two

DAY THREE: Saturday 29th June

SITE VISIT: OLOIKA SOLAR MINI GRID PROJECT, KAJAIDO	
08.30	All delegates to report to hotel lobby
08.45	Briefing by Magenta Global
09.00	Proceed to Site
12.30	Lunch
14.30	Return to Hotel
17.00	End of Site Visit

Be Part of the Mini Grid Movement! Identify Opportunities, Form Partnerships and Move the Industry Forward.
Contact us to secure your place at the Summit: **+65 6846 2360** or **enquiry@magenta-global.com.sg**



FEE PER DELEGATE	EARLY BIRD FEE Register & Pay before 27 April 2019	REGULAR FEE Register & Pay after 27 April 2019
Single Participant	US\$ 1,499	US\$ 1,699
Corporate Group of 2 or more	US\$ 1,199	US\$ 1,399
Government Authorities / NGOs	US\$ 799	US\$ 999
Student Rate (<i>student ID card required</i>)	US\$ 200	US\$ 200

* Fees quoted are nett and exclusive of all taxes

Please tick one:

- I/We shall attend the Summit only - two days only (*Wed & Thu*)
 I/We shall attend both the Summit and the Field Visit - all three days (*Wed, Thu & Fri*)

1st Delegate	2nd Delegate
Salutation: Mrs/Ms/Mdm/Mr/Dr	Salutation: Mrs/Ms/Mdm/Mr/Dr
Name:	Name:
Position:	Position:
E-Mail:	E-Mail:
Mobile:	Mobile:
Landline:	Landline:
Fax:	Fax:

3rd Delegate	4th Delegate
Salutation: Mrs/Ms/Mdm/Mr/Dr	Salutation: Mrs/Ms/Mdm/Mr/Dr
Name:	Name:
Position:	Position:
E-Mail:	E-Mail:
Mobile:	Mobile:
Landline:	Landline:
Fax:	Fax:

Company: _____
 Address: _____
 City & Post Code: _____ Country: _____
 Main Business/Activity: _____
 Name of Training Manager: _____
 Contact Name for Payment Confirmation: _____
 Tel: _____ E-mail: _____

I am paying by:

Bank Transfer

Credit Card:   

Card Number: _____ Security Code: _____

Name on Card: _____ Expiry Date: _____

Signature: _____ (Please provide a photocopy of front and back of credit card)

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HOW TO REGISTER

PAYMENT DETAILS

- BANK TRANSFER:**
Payment by telegraphic transfer in US Dollars must be made payable to:

Magenta Global Pte Ltd
 OCBC Bank, Hougang Mall Branch
 Account No: 556-002236-301
 SWIFT Code: OCBCSGSG
 Address: 90 Hougang Avenue 10
 #01-01/02/03 Hougang Mall
 Singapore 538766

(All bank transfers must be marked clearly with the delegate name and event title. Bank Charges are to be deducted from participating company's own account.)

- CREDIT CARD:**
Payment by VISA (SGD), MasterCard (SGD) or AMEX (SGD & USD) accepted.

BOOKING CONDITIONS

Full payment must be received prior to the event for entrance to be guaranteed. If payment is not received a personal credit card will be required to allow entry.

A confirmation letter and invoice will be sent to you on receipt of your booking. If you are unable to attend, a substitute delegate is always welcome. If you cancel your place in writing 15 working days before the event, a cancellation fee of 10% shall be applicable. Thereafter cancellations are not refundable.

It may be necessary for reasons beyond the control of the organizers to alter the content, timing or venue. The company will not accept liability for any transport disruption or any claims whatsoever and in such circumstances the normal cancellation restrictions apply.

DATA PROTECTION

The personal information provided by you will be held on a database and may be shared with companies in the Magenta Group. Sometimes your details may be made available to external companies for marketing purposes.

If you do not wish your details to be used for this purpose, please email the Database Administrator at enquiry@magenta-global.com.sg.

CONFERENCE VENUE

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VISA REQUIREMENTS

Visitors to Kenya must hold a valid passport. Nationals of most countries are required to obtain visas to enter the country. Please check with your respective Kenyan embassy, consulate or travel agent for the latest status.

Invitation letter for travel visa will only be issued after receipt of full payment of fees.