

# Accelerating Mini Grids Deployment in Sub-Saharan 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.

The mini-grids sector is attracting increasing interest.

The World Bank recently added substantial impetus to the wave of off-grid solar energy projects sweeping across Sub-Saharan Africa. The "Off-grid Solar Access Project for Underserved Counties" initiative in Kenya is expected to provide modern, off-grid solar electricity services to an estimated 1.3 million people in 277,000 households across 14 counties in Kenya.

In Tanzania, the government is committed to off-grid electrification using renewable energies to meet the power needs of the rural and remote areas. With more than 70 percent of Tanzania's population lacking access to electricity, mini-grids have enormous potential to electrify rural communities.

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.

# Join us at the 4<sup>th</sup> Africa Mini Grids Summit where these timely and industry-relevant issues will be discussed:

- Analysing the different approaches to mini grids implementation and partnerships
- Enabling mini grids framework
- Mini grid policies and regulation updates of African countries
- Commercial models considerations
- Advancing the use of Green Mini Grids in Africa
- Attaining the social license to operate from local communities
- Avoiding stranded asset and managing investor risks when the grid arrives
- Hybrid technologies integration plus the growing importance of energy storage in mini grids
- Technology choices and design
- Attracting big time investors and commercial end users to recharge the mini grids ecosystem
- Pricing issues for Africa: Affordable costs of energy vs investor/business profits
- Innovative tariff structures
- Investor risk vs what is acceptable profit in the African context
- "Future-proofing" mini grid projects
- Key to success for distributed mini grids
- Attracting finance and developing mini grids business plans
- Stimulating investments by developing more attractive deals

# www.africaminigrids.com

Join the Site Visit to the Kitonyoni **Solar Mini Grid Project** in Makueni 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. Kitonyoni is an off-grid rural market village in Makueni County, Kenya. This activity is supported by the government of Kenya and is a project of the University of Southampton.

Produced by:

Knowledge Partner:



Owned &

Energy for Development UNIVERSITY OF Southampton







**Register & Pay Now to Enjoy US\$200 in Early Bird Savings!** Contact Patrick at +65 6846 2362 or patrick@magenta-global.com.sg today

Increasing Energy Access \* Increasing Energy Supply \* New Energy Supply Paradigms



WEDNESDAY 21<sup>st</sup> MARCH

Country Focus:

Tanżania

Uganda

Zambia Ethiopia

Ghana Nigeria

Donor Organisations Engagement Focus

Grid Integration Focus

Risk Management Focus

Policy, Regulatory & Commercial Viability Focus

Financing & Investment Focus – Accelerating Private Investments

Kenya

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The Summit Agenda at a Glance...



# THURSDAY 22<sup>nd</sup> MARCH

- Project Implementation and Boosting Success Rates Focus
- Case Studies on Mini Grids Projects: Key Enablers of Growth and Commercial Models
- Technology Focus
- Capacity Building Focus

### FRIDAY 23rd MARCH

 Optional Site Visit to Kitonyoni Solar Mini Grid Project in Makueni County

# Why You Must Not Miss this Summit:

621 million people are without access to the national grid (32% in SSA). The grid is slow and hugely expensive. Governments in Africa are looking towards off-grid solutions.

 The Africa Mini Grids Summit is the only authoritative mini grids-focused event in 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

## **3 Easy Ways to Participate:**

- 1. Register as a **delegate** to benefit from direct insights of experts.
- 2. Showcase your brand and industry thought leadership in front of the very people that matter to your business by becoming a **sponsor**.
- 3. Exhibit your latest technologies and services in your own exclusive space by securing an **exhibition booth** at the event.

## **Power-Up Your Brand!**

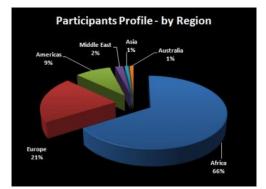
Limited **exhibition spaces** and **marketing platforms** are available for companies to showcase their products, services, and technology to industry players across the African region.

For Sponsorship & Exhibition, email <u>patrick@magenta-</u> <u>global.com.sg</u>.

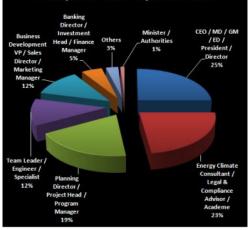
# Who will be Attending this Summit?

- Mini Grid Developers
- Independent Power Producers
- Power Utilities
- Municipalities and Counties
- Government and Regulators (Ministry of Energy / Finance / Industry)
- International Financial Institutions
- Banks and Investment
- Development Aid Agencies / DFIs
- Research Institutes
- Technology and Solutions Providers
- RE Developers (Solar, Hydro, Wind and Biogas)
- EPC Contractors
- Energy Storage solutions
- Engineering and Energy Consultants
- Legal Firm
- Solar Panel Manufacturers
- Public sector organisations
- NGOs

# Profile of Previous Participants:



#### Participants Profile - by Job Function



# Call for Poster Presentations

Do you have a high-quality research outcome or product innovation that you would like to share with the participants but can't make it on the event dates? Limited **poster presentation panels** available.

> Inquire today through patrick@magenta-global.com.sg.

Be part of the Mini Grid Movement. Identify opportunities, form partnerships and move the industry forward! Contact us today to secure your place at the Summit: +65 6846 2362 or patrick@magenta-global.com.sg



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# PRINTED MATTER AIR MAIL



FEE PER DELEGATE	EARLY BIRD FEE Register & Pay before 20 February 2018	REGULAR FEE Register & Pay after 20 February 2018				
Single Participant	US\$ 1,499	US\$ 1,699				
Corporate Group of 2 or more	US\$ 1,299	US\$ 1,499				
Government Authorities / NGOs / Civil Society	US\$ 799	US\$ 999				

Fees quoted are nett and exclusive of all taxes

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:

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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 LtdOCBC Bank, Hougang Mall BranchAccount No:556-002236-301SWIFT Code:OCBCSGSGAddress:90 Hougang Avenue 10#01-01/02/03 Hougang MallSingapore 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**

#### InterContinental Nairobi

Address: City Hall Way, P O Box 30353 Nairobi 00200, Kenya Landline: +254 (20) 3200 000

#### **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.