

AFRICA'S PREMIER B2B EVENT FOR **POWER GENERATION, LIGHTING AND RENEWABLE ENERGY**

16-18 JULY 2024 | Kenyatta International Convention Centre
Nairobi, Kenya

Co-located with:

AFRICA
BUILD SHOW
KENYA

www.megawattafrika.com

Organized by:



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ABOUT MEGAWATT AFRICA

MegaWatt Africa Kenya 2024, hosted in the city of Nairobi, serves as the eastern hub of the African market. This exhibition spotlights key industry sectors of Africa's energy landscape, including energy measurement, solar energy, wind power generation, and power equipment. Showcasing innovations and solutions, this event brings together pioneers and experts driving the future of sustainable energy across the continent.

This event is your chance to dive into the newest breakthroughs and partnerships that are shaping Africa's power industry. Happening alongside is the Africa Build Show, where construction and infrastructure innovations align with the future of energy, creating a dynamic fusion of ideas and opportunities.



Sustainable Energy for a Brighter Kenya

FACTS AND WORDS ABOUT THE INDUSTRY

Kenya is the eighth-largest geothermal producer in the world and is home to the single largest 280MW Olkaria IV plant. By 2040, geothermal energy is expected to account for almost 50% of Kenya's power generation. The energy investment amounts to around \$60 billion through to 2040, with renewables and electricity networks accounting for half of this. Kenya is on the cusp of reaching universal access to electricity, having more than doubled electricity access from 32% in 2013 to 75% of households in 2022. The access rate for urban areas stands at 100%, while rural Kenya stands at 65%.

Ambitious Renewable Energy Targets:



The Kenyan government has set ambitious renewable energy targets, aiming to achieve 100% clean energy access by 2030, creating significant investment opportunities in the solar market and other renewable energy sectors.

Renewable Energy:



Over 80% of Electricity from Renewable Sources: Kenya's electricity is generated from renewable sources, with a strong emphasis on solar, wind, hydro, and geothermal power.

INDUSTRY INSIGHTS

The country stands on the brink of achieving universal electricity access. Currently, **70%** of energy comes from biomass, while petroleum and other sources contribute only **21%** and **9%**, respectively. **The Government prioritizes transitioning toward cleaner, modern energy sources, resulting in one of sub-Saharan Africa's swiftest electrification rate rises.**



1,000 MW

Anticipating rising demand, Kenya is exploring the nuclear sector, estimating a 1,000 MW plant operational by 2027 at potential sites like the Indian Ocean, Lake Victoria, or Lake Turkana.



US\$3.5 billion

Nuclear energy is seen as pivotal for Kenya's middle-income status, offering safe, clean, and consistent electricity, with an estimated cost of US\$3.5 billion using South Korean technology.

Kenya boasts one of sub-Saharan Africa's most advanced power sectors, having welcomed Independent Power Producers (IPPs) like Westmont, AEP Energy Africa (Iberafrica), OrPower4 Kenya Limited, Tsavo Power Company, Aggreko, and Africa Geothermal International. Beyond an active private sector, Kenya's power sector thrives due to factors like its strong history as a reliable energy buyer and an abundance of renewable sources—especially geothermal, wind, and solar energy.



KENYA MEGA PROJECT



KENYA SIGNS DEALS WORTH \$4.48 BILLION TO DEVELOP GREEN PROJECTS

Kenya signed deals for seven green projects on the sidelines of the COP28 summit, including geothermal generation plants, fertilizer production, and a data center powered by renewable energy, according to an emailed statement.

Kenyan President William Ruto is pushing for Africa to become a “green powerhouse.” Kenya generates 92% of its electricity from renewables including geothermal, hydro, and wind. The nation also has a target to grow 15 billion trees and rehabilitate 10,000 wetlands with an eye on nature swaps.

- \$1.5 billion green fertilizer project with Fortescue Future Industries
- \$1 billion geothermal project at Suswa with the Indonesian government, through Masdar-backed Pertamina Geothermal Energy
- AMEA Power of the UAE and Geothermal Development Co. of Kenya to invest \$800 million in the 200MW Paka Geothermal Project
- \$600 million data center at Olkaria powered by green geothermal energy in partnership with EcoCloud
- United Green and Kenya Development Corp. to implement a \$270 million sustainable agricultural project on 15,000 hectares in the lake basin region
- \$200 million Clean Energy Supply Chain(CESC) initiative
- \$110 million geothermal project for 35MW with Globeleq at Menengai

WHY MEGAWATT AFRICA?



EXHIBITION

Generate more business opportunities and be where your customers and partners are. Develop highlight engaged relations through one-on-one interactions.



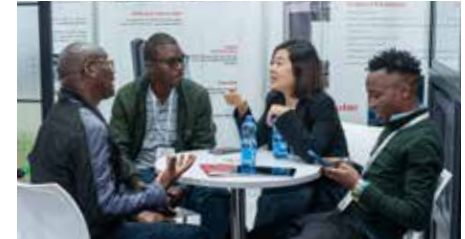
CONFERENCE

Attend conference sessions and gain knowledge and insights from top experts on hot topics that matter with global trade.



HYBRID PLATFORM

Be where your customer and partners and develop highly engaged relationships through one-on-one interaction with your in the background. Also take advantage of our B2B platform.



B2B MATCHMAKING

This programme creates a proactive pre-show platform enabling exhibitors, pre-registered visitors and walk in visitors to view profiles of participants and select who they want to meet at the event.



GAIN MAXIMUM BRAND EXPOSURE

Over 3,000 + trade visitors from around Kenya, providing an unrivalled opportunity for Global Exhibitors to participate in a growing Kenya marketplace.



GENERATE MORE BUSINESS

Over 90 % of attendees at Megawatt Africa Kenya are either decision makers, purchasers or traders, underlining the fact that the event delivers real business opportunities.



VIP BUYERS CLUB

As a VIP Buyer you will have exclusive access to the VIP Buyers Lounge at ABS with complimentary Wi-Fi, coffee, tea & water throughout the day.



LAUNCH NEW PRODUCTS

Fast-track your product launches within one of the fastest growing economies in Kenya. Get hands on with decision makers in the Kenya market.

MEGAWATT AFRICA

EXHIBITS PROFILE

POWER EQUIPMENT

- Power Station Equipment
- Substation Equipment
- Power Transmission Equipment
- High and Low Voltage Electrical Switches
- Power Distribution Devices
- Power Control System Testing Equipment
- Cable and Wire Materials
- Cable Control Equipment
- Generator Set and Related Equipment
- Capacitors
- Electronic Equipment
- Industrial Electronics
- Industrial Relays
- Inverters
- Junction Boxes
- Diesel Generation Sets
- Batteries
- Inverters, UPS Systems
- Energy Efficiency Technology

LIGHTING

- Outdoor Lighting
- Architectural Lighting
- Lighting Equipment
- Lighting Accessories, Switches
- Commercial / Office Lighting
- Decoration and Special Lighting
- Emergency/Industrial Lighting
- Floodlight
- Outdoor Lighting and Street
- Concealed Lighting

RENEWABLE ENERGY

- Wind Power Generation
- Solar Energy Technology
- Energy Consumption Monitoring and Services
- Energy Measurement
- Environmental Consulting
- Environmental Research
- Power and Wind Power Devices
- Recycling System (Solid, Liquid, Steam)
- Tidal Energy





MEGAWATT AFRICA CO-LOCATED SHOW

**AFRICA
BUILD SHOW**
KENYA

AFRICA BUILD SHOW KENYA

Africa Build Show (ABS), The 2nd International Building and Construction Technology Exhibition will be held from 16-18 July 2024 at Kenyatta International Convention Centre and will serve as an ideal B2B platform for global construction manufacturers, suppliers, businessmen, contractors and industry professionals to meet, exchange ideas, and explore business collaborations to increase their footprint in East Africa by covering the entire value chain from project inception to completion.

ABOUT THE ORGANIZER

ABOUT MIE GROUPS

- Founded in 2000: Professional exhibitions, trading and consulting organization
- International Offices in Dubai, KSA & USA
3 Offices in Africa
8 Offices across China
- Organized over 100,000 + international trading companies to exhibit in the Middle East & Africa
- Helping business growth of global entrepreneurs around the world

MIE GLOBAL PLATFORMS



BOOK YOUR STAND NOW!

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www.megawattafrica.com