

POWER AFRICA

Advancing Africa's Energy Transition

November 2023

TRENDING TOWARD SOLUTIONS



Solar power generation
costs are at all time lows

Regional electricity markets
are becoming a reality

Cleaner solutions are replacing
heavy fuel oil and reducing
emissions

Auctions and competitive
procurement are on the rise

Battery storage
technology is improving

Off-grid renewables are attracting
investment in countries with limited
electricity access

POWER AFRICA'S GOALS



Double Access to Electricity in sub-Saharan Africa by 2030



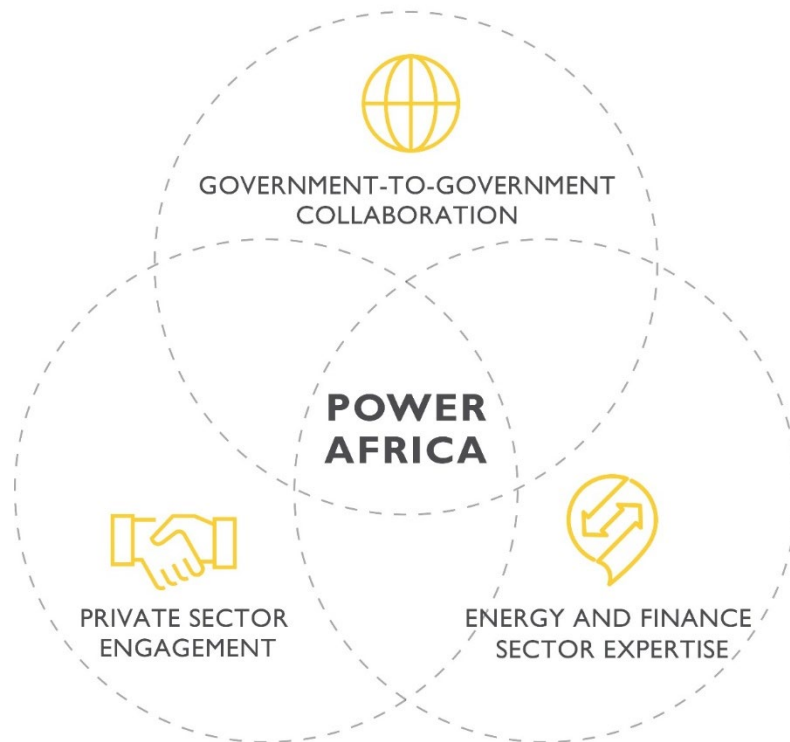
**30,000
MEGAWATTS**
of cleaner and more
reliable power generation



60 MILLION
new electricity connections
for homes & businesses

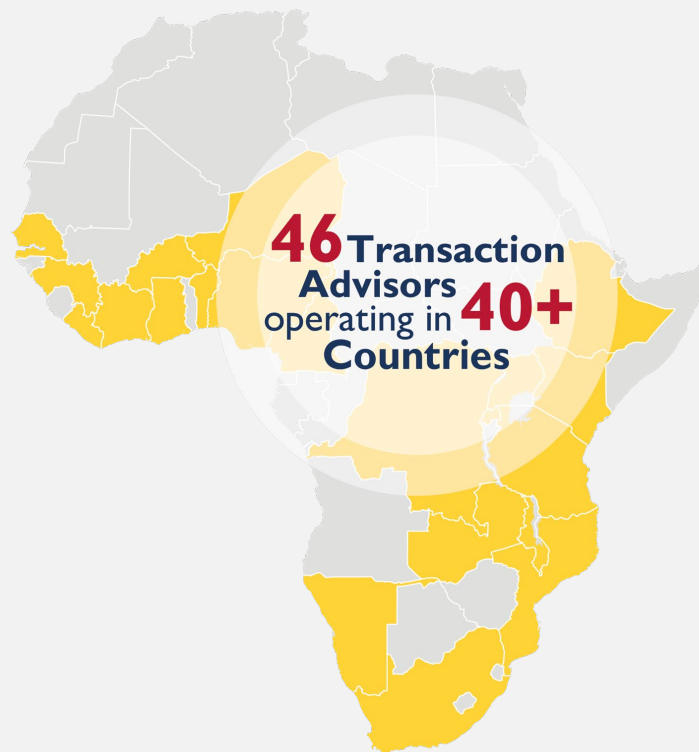
OUR UNIQUE PARTNERSHIP MODEL

- Innovative **partnership** approach
- Link **public and private** sector goals and resources
- Connect **investors and entrepreneurs** to opportunities in Africa



HOW WE WORK

- Advancing Power Generation Transactions
- Working Beyond the Grid
- Providing On -the -Ground Support
- Bridging the Financing Gap
- Encouraging African -led Reform
- Empowering and Powering Women



DRIVING DEALS



149 POWER PROJECTS FINANCIALLY CLOSED

TURNING LIGHTS ON!



6,600 MW

88 POWER PROJECTS ONLINE

MAKING CONNECTIONS

39.6 MILLION

NEW OR IMPROVED CONNECTIONS TO HOMES & BUSINESSES

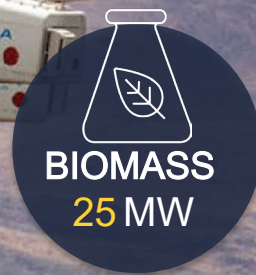
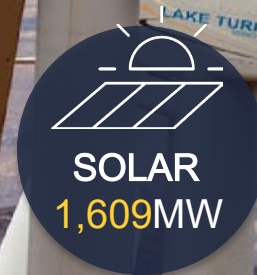
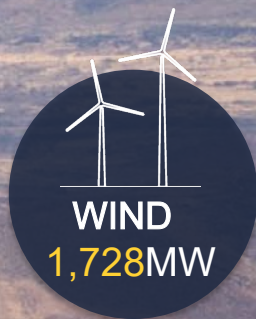
COMMISSIONING CLEAN ENERGY TECHNOLOGIES & TRANSACTIONS



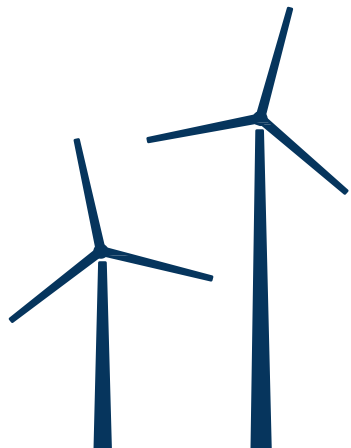
81% of the 88 Power Africa projects that are online utilize renewable technologies to produce **8,887 MW** of clean energy.

Power Africa Propels Africa's largest Wind Farm

The Lake Turkana Wind Power Project, commissioned in July 2019, generates 310 MW and provides 15% of Kenya's electricity generation capacity



POWER AFRICA'S CLIMATE FINANCE WORK



As of September 2021
Power Africa has made
catalytic investments of
\$49 MILLION
into 13 clean energy finance
vehicles that have resulted in
\$1.6 billion in commitments
and over **\$780 million** in
actual investments.

Power Africa is seeking collaborative partners to:

- Attract more institutional investors
- Mobilize \$25 billion in public sector commitments from Power Africa's development partners and development institutions by 2030
- Contribute towards USAID's overall goal of leveraging \$150 billion in public and private sector capital for climate finance by 2030

Power Africa's catalytic investment includes 5 key mechanisms:

Edfi
ElectriFI
European
Union

Climate Investor
One
Climate Fund
Managers via FMO

Sustainable Energy
Fund for Africa
AfDB

Energy Relief
Access Fund
Social Impact
Managers
and Advisors

CrossBoundary
Energy Fund 1

KIPETO

100 MW WIND | KENYA

- Bankable PPA
- Government Letter of Support
- Biodiversity Action Plan
- Strategic Environmental Assessment



PHOTO: KIPETO ENERGY PWA ANGIKIRUBI

TAIBA N'DIAYE

158.7 MW WIND | **SENEGAL**



- Financing via Power Africa partners
- Insurance assistance to the developer
- Negotiation across all stakeholders
- Support in resolving land rights concerns
- Grant to develop grid-scale battery storage



JUST ENERGY TRANSITION PARTNERSHIP (JETP)

\$8.5 billion to support
South Africa's decarbonization efforts



To achieve the most ambitious
target possible within South
Africa's Nationally Determined
Contribution



THANK YOU

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