



POWER AFRICA TOOLBOX

Updated: August 2020

Designed to unlock power project development in sub-Saharan Africa, the **online Power Africa Toolbox** is a one-stop shop for information and funding opportunities for private sector developers, governments, investors, utilities, and others seeking to increase access to electricity on the continent.

Drawing on the combined knowledge, programs, and funds of **12 U.S. Government agencies and 19 development partners**, the Power Africa Toolbox presents a range of valuable tools in a centralized, searchable database that can be filtered to match nearly any context. These tools can assist our partners to drive deals, facilitate investment, improve enabling environments, and strengthen energy systems. The Power Africa Toolbox also helps our African government partners seeking to improve their own energy institutions and advance on their journey to self-reliance.



POWER AFRICA TOOLBOX CATEGORIES

3 | TRANSACTION ASSISTANCE TOOLS



Early-stage support for innovative energy solutions, resource evaluations, feasibility and grid impact studies, social and environmental impact studies, project appraisal and costing, engineering designs, public-private partnerships, and other project preparation activities

Late-stage expert technical, regulatory, and financial assistance to host country governments to advance power transactions to financial close and beyond

||| FINANCE TOOLS



Equity, mezzanine financing, senior and sub-senior loans, guarantees, export credits, grants, and insurance programs

9 | POLICY/REGULATORY DESIGN & REFORM TOOLS



Technical assistance to improve the enabling environment for private sector investment in the power sector through policy, legal, regulatory and utility reforms; improved procurement practices and power sector planning; and the adoption of financial incentives and risk mitigation schemes

35 | CAPACITY BUILDING TOOLS



Technical assistance to support institutional strengthening, technical and regulatory skill development, and project development and management activities

Trade missions to the U.S. and to sub-Saharan Africa

29 | INFORMATION RESOURCE TOOLS



Knowledge sources in the form of technical information, frameworks, research, facts or understanding

The Power Africa Toolbox includes tools from Power Africa Interagency and Development Partners:

DEVELOPMENT PARTNERS

- African Development Bank
- African Trade Insurance Agency
- African Union Development Agency
- European Union
- Government of Canada
- Government of France
- Government of Israel
- Government of Japan
- Government of Norway

- Government of the Republic of Korea
- Government of Sweden
- Industrial Development Corporation
- International Renewable Energy Association
- Sustainable Energy for All
- United Kingdom's Department for International Development
- World Bank

U.S. GOVERNMENT AGENCIES

- Export-Import Bank of the United States
- Millennium Challenge Corporation
- United States African Development Foundation
- United States Agency for International Development
- United States Department of Commerce
- United States Department of Energy

- United States Department of State
- United States International Development Finance Corporation
- United States Trade and Development Agency



INFORMATION RESOURCE TOOLS

USAID and the U.S. Department Of Commerce Delivered Training on Power Project Procurement and Competitive Tenders

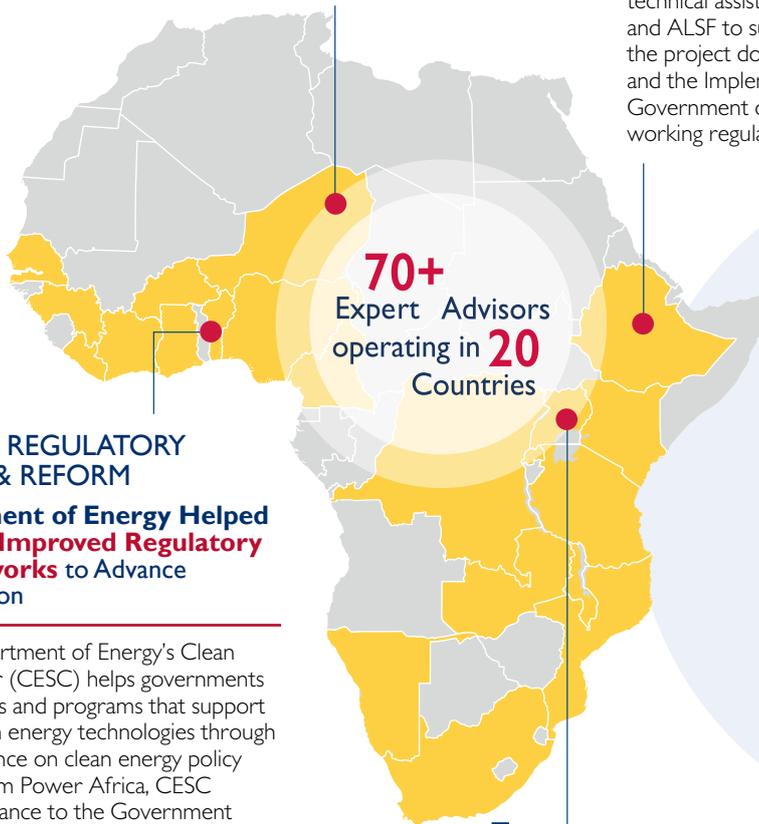
Through the Climate Economic Analysis for Development, Investment, and Resilience (CEADIR) program, USAID is building the capacity of local lenders in the clean energy sector. For example, USAID and the U.S. Department of Commerce, through the Commercial Law Development Program (CLDP), trained government officials in Niger on power project procurement and competitive tenders in support of Niger's efforts to enhance the enabling environment for private sector investment.



CAPACITY BUILDING

The African Development Bank Helped Advance Ethiopia's First Geothermal Power Projects to Commercial Close

To reach commercial close on Ethiopia's Corbetti and Tulu Moyo Geothermal Projects (150 MW each), Power Africa advisors worked with the Government of Ethiopia's external counsel – funded through Power Africa's contribution to the African Development Bank's African Legal Support Facility (ALSF). The achievement would not have been possible without the extensive technical assistance provided by Power Africa advisors and ALSF to successfully structure, revise and update the project documents, power purchase agreement and the Implementation Agreement as well as help the Government of Ethiopia draft a new geothermal law and working regulation.



POLICY / REGULATORY DESIGN & REFORM

The U.S. Department of Energy Helped Fund the Design of Improved Regulatory and Legal Frameworks to Advance Off-Grid Electrification

The United States Department of Energy's Clean Energy Solutions Center (CESC) helps governments design and adopt policies and programs that support the deployment of clean energy technologies through no-cost technical assistance on clean energy policy issues. With funding from Power Africa, CESC provided technical assistance to the Government of Togo's Regulatory Authority for the Electricity Sector on the development of a regulatory and legal framework to support off-grid electrification in the country. The Government of Togo is interested in developing a bankable regulatory framework both for mini-grids and for solar home systems to attract greater private sector investment to the sector.



TRANSACTION ASSISTANCE

70+ Expert Advisors Operating in 20 countries

Power Africa has more than 70 transaction advisors (TAs) working across sub-Saharan Africa to provide unbiased and free expertise to qualifying project developers and public sector entities. Our TAs have used their in-depth knowledge of power sector project development and financing to help bring over 60 transactions to financial close across the continent, ranging in size from 5 MW to over 900 MW and covering a wide range of technologies.



FINANCE

USAID Delivered a Loan Guarantee to Cover \$25.7 Million in Lending to Small Hydro Projects in Uganda

Power Africa and USAID are providing a loan guarantee (now managed by the U.S. International Development Finance Corporation, or DFC) to secure \$25.7 million in lending from Standard Chartered Bank to the Eastern and Southern Africa Trade and Development Bank (both Power Africa partners) for on-lending to power projects in Africa. These projects include two run-of-river hydropower plants in Uganda that will significantly boost the country's clean energy infrastructure.

ABOUT POWER AFRICA

Power Africa is a U.S. Government-led partnership that brings together the collective resources of over 170 public and private sector partners to double access to electricity in sub-Saharan Africa. Power Africa's goal is to add more than 30,000 megawatts (MW) of new electricity generation capacity and connect 60 million new homes and businesses to power by 2030.