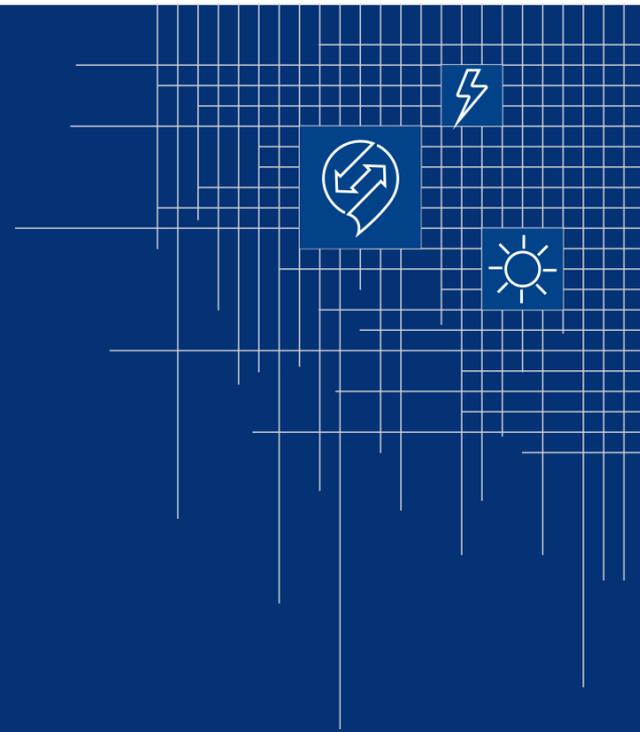




Power Africa Partners Toolbox



Overview

In 2015, Power Africa first published a toolbox, detailing key resources from its 12 US Government (USG) partners. The toolbox was designed for use by governments, project developers, financiers and others involved in the energy sector:

- Primarily focused on USG agency tools, and a few resources from other partners
- “One stop shop” of tools that Power Africa uses to drive deals and facilitate investment



The toolbox includes resources covering six key areas of assistance:



Transaction Assistance



Finance



Policy / Regulatory Design & Reform



Capacity Building



Legal Assistance



Informational Resources

Toolbox Expansion

With the collaboration and support of our development partners, we have added over 110 new tools to the original Toolbox, for more than 160 total resources:

- 27 capacity building tools
- 89 financing options
- 12 tools focused on information resources
- 6 policy and regulatory reform tools
- 27 transaction assistance opportunities

The tools span a wide range of resources, covering all stages of project development and offer wide coverage across SSA.

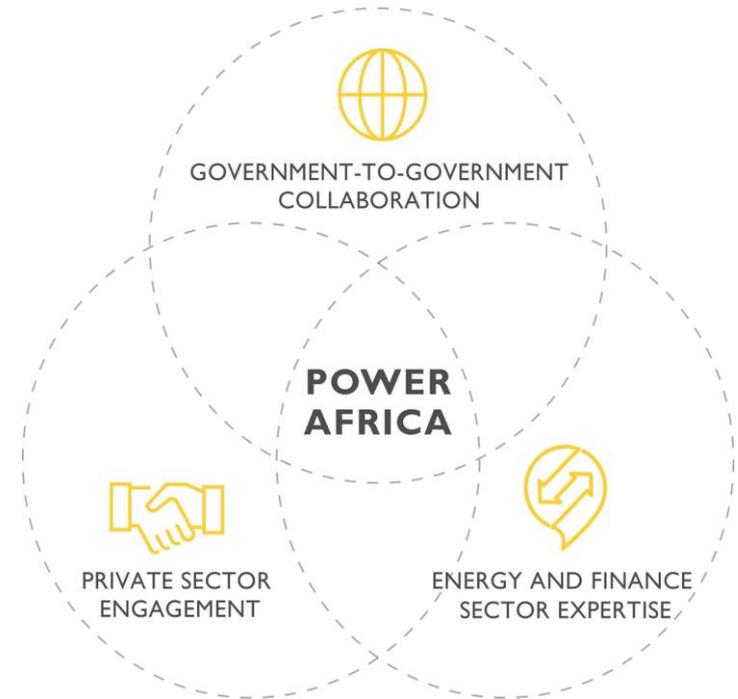
The final version will be made available on the Power Africa website.

The Approach

-Power Africa uses its convening power to bring together energy stakeholders.

-The Toolbox provides an initial point of entry for project developers, investors, and others to explore and identify relevant opportunities.

-Power Africa is working to connect stakeholders with US Government, as well as development partner resources.



Example: Early Stage Project Support

AfDB's Sustainable Energy Fund for Africa (SEFA)

Organizations Involved:

AfDB, USAID, UK DFID, DANIDA, Italian Ministry of Environment

Project Supported:

Lake Assal Geothermal Project, Ethiopia

Support Mechanism:

USD \$1.8M grant from SEFA, combined with USD \$5.3M grant and USD \$04.M loan from the African Development Fund (ADF)

The Program:

SEFA funds are used to finance the recruitment of a geothermal consulting company responsible for the technical management of the project and for preparation of the power plant's feasibility study.



Photo credit: Amira Elwakil, [Flickr](#)

Example: Loan Guarantee

Renewable Energy for Zambian Farmers

Organizations Involved:

Sida, USAID's Development Credit Authority (DCA)

Corporate Partner:

Madison Financial Services

Support Mechanism:

USD \$8M loan guarantee (50% guarantee, 25% each from Sida and the DCA)

The Program:

Supports agribusiness investment in renewable energy technology to increase capacity and improve output.

Potential Technologies Supported:

- Biogas digesters that can produce enough energy to run a milk chiller
- Solar-powered micro-irrigation kits that can increase harvest seasons by threefold in one year and increase yield



Example: Finance

Home solar kit distribution, Nigeria

Organization involved:

Overseas Private Investment Corporation (OPIC)

Activity:

Received ACEF grant for early stage development (\$525,000). Then received USD \$15M OPIC loan to facilitate distribution of solar kits to an off-grid market of some 90M households, followed by an additional USD \$35M expansion loan.

The Technology:

80 W residential, pay-as-you-go systems. Payments can be made with mobile phones via text messaging.

Projected outcomes:

As a Power Africa Partner, Nova-Lumos (Lumos) intends to deploy 15 million Solar Power systems in the next 5 years, representing an installed capacity of over 700 MW.



Distribution of home solar kits allows households the opportunity to use a variety of appliances, as well as reduce reliance on kerosene lamps and diesel generators

Example: Market Development Support

Supporting private and public sector actors with information products, project scouting, networking events and access to finance

Organization:

The Africa-EU Renewable Energy Cooperation Programme (RECP) is a program of the Africa-EU Energy Partnership (AEEP), a partnership between the European Union and the African Union.

Resources offered:

- Detailed market profiles for 12 African countries, as well as in-depth reports and research.
- Funding database with over 75 individual instruments.
- The Finance Catalyst that links renewable energy projects to finance opportunities, and vice versa, as well as offering advisory support on project development.
- Networking and information events – 6 matchmaking events and 4 information workshops in 2016.
- Project scouting focused on identifying tangible project opportunities.





www.usaid.gov/powerafrica

www.usaid.gov/powerafrica/developmentpartners

www.usaid.gov/powerafrica/toolbox *(To be updated)*

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