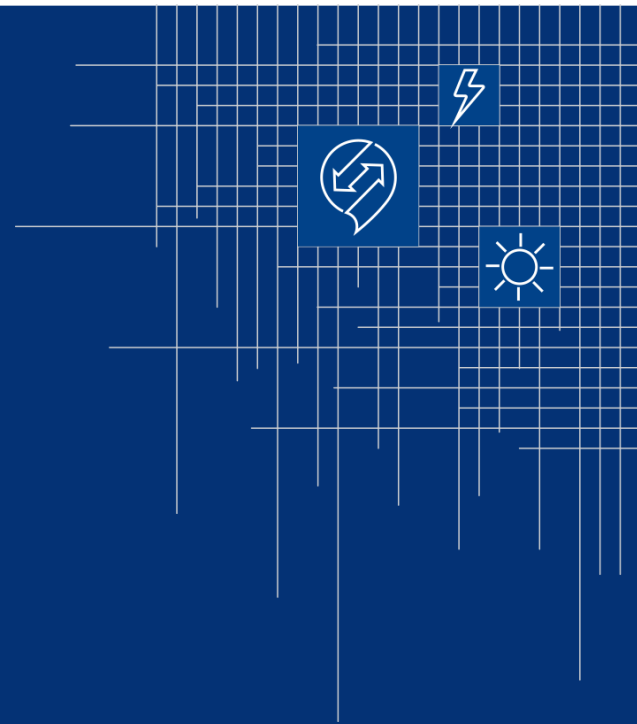




Power Africa Partners Toolbox



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.

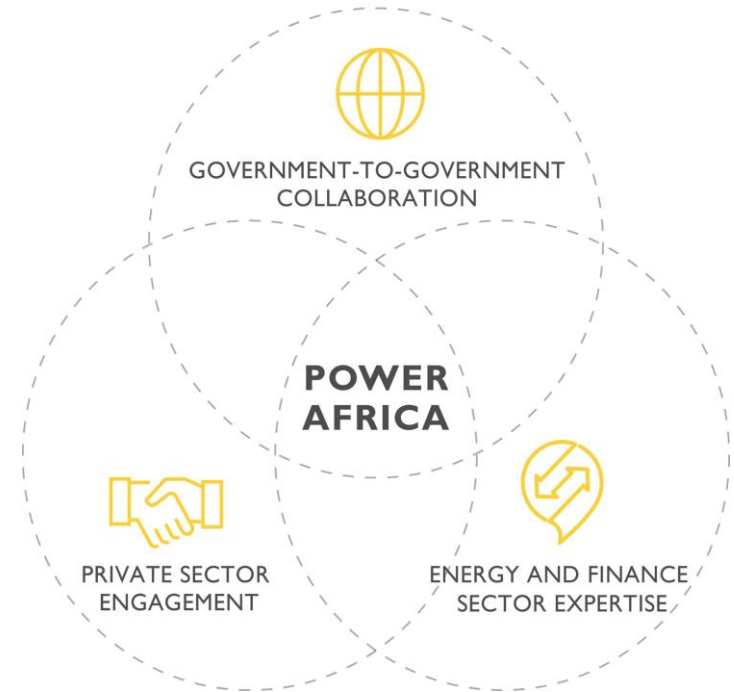
The final version will be made available on the Power Africa website.

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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