

## Advanced Research Projects Agency-Energy (ARPA-E)

**Category:** Capacity Building

**Sub-Category:** Technical Assistance

**User:** Open to All

**Donor:** United States Department of Energy (DOE)

**Donor Countries:** United States of America

**Description:**

The Advanced Research Projects Agency-Energy (ARPA-E) advances high-potential, high-impact energy technologies that are too early for private-sector investment. ARPA-E awardees are unique because they are developing entirely new ways to generate, store, and use energy. ARPA-E projects have the potential to radically improve U.S. economic prosperity, national security, and environmental well being. We focus on transformational energy projects that can be meaningfully advanced with a small amount of funding over a defined period of time. Our streamlined awards process enables us to act quickly and catalyze cutting-edge areas of energy research.

**Locations:** Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central Africa Region, Central African Republic, Chad, Comoros, Côte d'Ivoire, Democratic Republic of the Congo, Djibouti, East Africa Region, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mauritius, Mozambique, Namibia, Niger, Nigeria, Other, Republic of the Congo, Rwanda, Réunion, Sao Tome and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, South Sudan, Southern Africa Region, Sub Saharan Africa, Sudan, Tanzania, Togo, Uganda, Western Sahara, Zambia, Zimbabwe, eSwatini

**On- or Off-Grid:** Both

**Geography:**

Global

**Eligibility:**

While foreign entities are typically eligible to apply for funding under ARPA-E FOAs, ARPA-E will only make an award of funding to a U.S. affiliate or subsidiary entity (i.e. incorporated in the United States or a U.S. territory). Rarely, a “foreign work waiver” may be provided by ARPA-E in order to allow performance of part of the work outside of the United States. ARPA-E’s provision of a foreign work waiver is a fact dependent, case-by-case determination that is made only in exceptional circumstances and only for discrete parts of an award that necessitate foreign work. Applicants that anticipate the need for a foreign work waiver to perform some work outside of the U.S. should review the Business Assurances & Disclosures Form.

**Contact information:**

<https://arpa-e.energy.gov/?q=arpa-e-site-page/contact-us>

**For more information:** <https://arpa-e.energy.gov/>

**Last updated:** August 10, 2020

## African Legal Support Facility (ALSF)

**Category:** Capacity Building

**Sub-Category:** Legal Assistance

**User:** Public Sector

**Donors:** African Development Bank (AfDB), Department for International Development (DFID), ECOWAS Bank for Investment and Development (EBID), Government of Canada (GoC), Government of France (GoF), Government of Norway (GoN), United States Agency for International Development (USAID)

**Donor Countries:** Canada, Cote d'Ivoire, France, Multi-donor, Norway, United Kingdom, United States of America

**Description:**

Provides assistance to African countries utilities and government ministries to strengthen their legal expertise and negotiating capacity in debt management and litigation, natural resources management and contracting, investment agreements, and related commercial transactions.

**Location:** Sub Saharan Africa

**On- or Off-Grid:** Both

**Geography:**

Sub Saharan Africa

**Eligibility:**

All Regional Member Countries (RMCs) are eligible to receive assistance from the ALSF

**Contact information:**

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**For more information:** <https://www.aflsf.org/>

**Last updated:** August 10, 2020

## African Renewable Energy Access Program (AFREA)

**Category:** Capacity Building

**Sub-Category:** Technical Assistance

**User:** Public Sector

**Donor:** World Bank (WB)

**Donor Countries:** Multi-donor

**Description:**

Analytical and advisory activities and recipient-executed technical assistance. The Program will be of use to Government ministries, rural energy agencies (REAs), power utilities, regulators and power pool operators.

**Location:** Sub Saharan Africa

**On- or Off-Grid:** Both

**Geography:**

Sub Saharan Africa

**Eligibility:**

Not Specified

**Contact information:**

Richard Hosier, [rhosier@worldbank.org](mailto:rhosier@worldbank.org)  
[africaenergyunit@worldbank.org](mailto:africaenergyunit@worldbank.org)

**For more information:** <https://esmap.org/node/1403>

**Last updated:** August 10, 2020

## Capacity Building for Domestic Financial Institutions

**Category:** Capacity Building

**Sub-Category:** Technical Assistance

**User:** Financiers

**Donor:** International Renewable Energy Agency (IRENA)

**Donor Countries:** Multi-donor

**Description:**

Domestic financial institutions are usually at the forefront of commercial and developmental lending in their respective countries and some of the challenges faced by them include: (a) limited familiarity and experience with the sector and RE technologies, (b) lack of clarity about the project economics, (c) lack of proper financial and technical tools to appraise and manage loans and (d) limited knowledge on the risks associated with renewable energy projects.

IRENA can provide capacity building for domestic FI's in member states, with the aim of giving the staff of domestic FI's the knowledge, skills, tools and support to finance RE projects; and thereby support the creation of a commercially sustainable domestic lending market for RE investments.

**Locations:** Cape Verde, Comoros, Mauritius, Sao Tome and Principe, Seychelles

**On- or Off-Grid:** Both

**Geography:**

Pilot in SIDS

**Eligibility:**

CB Service

**Contact information:**

[cip@irena.org](mailto:cip@irena.org)

**For more information:** <https://www.irena.org/energytransition/Energy-Planning-Support/Capacity-building>

**Last updated:** August 10, 2020

## Commercial Law Development Program (CLDP)

**Category:** Capacity Building

**Sub-Category:** Legal Assistance

**User:** Public Sector

**Donor:** United States Department of Commerce (DOC)

**Donor Countries:** United States of America

**Description:**

Support to strengthen legal expertise and capacity in countries for utilities and government ministries.

**Location:** Sub Saharan Africa

**On- or Off-Grid:** Both

**Geography:**

Sub Saharan Africa

**Eligibility:**

Not Specified

**Contact information:**

Mohammed Loraoui, CLDP

[MLoraoui@doc.gov](mailto:MLoraoui@doc.gov)

**For more information:** <https://cldp.doc.gov/>

**Last updated:** August 10, 2020

## Coping with the Energy Challenge

**Category:** Capacity Building

**Sub-Category:** Technical Assistance

**Users:** Project Developers, USAID Operating Units

**Donor:** United States Agency for International Development (USAID)

**Donor Countries:** United States of America

**Description:**

Provide a broad diagnostic framework to identify a country's potential energy sector challenges, particularly as related to a country's dependency on oil. This framework assesses country vulnerability by focusing on specific energy sector conditions as reflected by the various indicators included here, which were chosen because they provide insights into the overall dynamics of the energy sector.

Illustrate the linkages between challenges (identified by the indicators) and potential interventions that should be considered when developing USAID mission's programs to cope with the challenges related to oil dependency. (It is important to clarify that this tool does not automatically provides appropriate answers for all countries in the world. Individual assessments should be carried out to adjust and customize level of detail required for specific countries).

Provide a comprehensive bibliography organized in a manner that allows the user to explore direct links to papers, studies or reports illustrating the various interventions.

**Locations:** Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Central African Republic, Chad, Côte d'Ivoire, Democratic Republic of the Congo, Djibouti, Ethiopia, Ghana, Guinea, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mozambique, Namibia, Niger, Nigeria, Republic of the Congo, Rwanda, Senegal, Sierra Leone, Somalia, South Africa, South Sudan, Sudan, Tanzania, Uganda, Zambia, Zimbabwe, eSwatini

**On- or Off-Grid:** Both

**Geography:**

Anywhere USAID has a presence

**Eligibility:**

Not Specified

**Contact information:**

Sharon Hsu

Energy Team

Office of Infrastructure & Engineering

U.S. Agency for International Development

Email: [shsu@usaid.gov](mailto:shsu@usaid.gov)

**For more information:** <http://www.energytoolbox.org/cec/>

**Last updated:** August 12, 2020

## Emerging Markets and Financial Institutions Department

**Category:** Capacity Building

**Sub-Category:** Technical Assistance

**Users:** Private Sector, Public Sector

**Donor:** Israel Ministry of Economy and Industry

**Donor Countries:** Israel

**Description:**

Capacity building support is provided to private companies and governments

**Locations:** Angola, Cameroon, Côte d'Ivoire, Ethiopia, Ghana, Kenya, Nigeria, Rwanda, Senegal, South Africa, Tanzania, Uganda

**On- or Off-Grid:** Both

**Geography:**

Kenya, Ghana, South Africa, Nigeria, Tanzania, Angola, Cameroon, Senegal, Ivory Coast, Ethiopia, Rwanda, Uganda

**Eligibility:**

All companies with strong ties to Israel, that contribute to exports and job creation in Israel.

**Contact information:**

[Powerafrica@economy.gov.il](mailto:Powerafrica@economy.gov.il)

**For more information:** <https://israel-trade.net/>

**Last updated:** August 11, 2020

## Energy Efficiency for Clean Development Program (EECDP)

**Category:** Capacity Building

**Sub-Category:** Technical Assistance

**User:** USAID Operating Units

**Donors:** Inner City Fund (ICF), United States Agency for International Development (USAID)

**Donor Countries:** United States of America

**Description:**

EECDP supports pilot projects that promote clean energy and energy efficiency at the national, regional, and global level. Activities (e.g. assessments, program design, baseline analyses, pilot programs, & capacity building) to increase energy efficiency. The program is open to project developers, host-country governments, & other stakeholders.

**Locations:** Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Central African Republic, Chad, Côte d'Ivoire, Democratic Republic of the Congo, Djibouti, Ethiopia, Ghana, Guinea, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mozambique, Namibia, Niger, Nigeria, Republic of the Congo, Rwanda, Senegal, Sierra Leone, Somalia, South Africa, South Sudan, Sudan, Tanzania, Uganda, Zambia, Zimbabwe, eSwatini

**On- or Off-Grid:** Both

**Geography:**

Anywhere USAID has a presence

**Eligibility:**

Available for buy-in by USAID operating units

**Contact information:**

Monica Bansal: [mbansal@usaid.gov](mailto:mbansal@usaid.gov)

<https://www.icf.com/contact-us>

**For more information:** <https://www.icf.com/resources/projects/international-development/energy-efficien>

**Last updated:** August 11, 2020



## Energy Utility Partnership Program

**Category:** Capacity Building

**Sub-Category:** Technical Assistance

**User:** USAID Operating Units

**Donor:** United States Agency for International Development (USAID)

**Donor Countries:** United States of America

**Description:**

Executive exchanges between U.S. & developing country power utilities to share best practices.

**Locations:** Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Central African Republic, Chad, Côte d'Ivoire, Democratic Republic of the Congo, Djibouti, Ethiopia, Ghana, Guinea, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mozambique, Namibia, Niger, Nigeria, Republic of the Congo, Rwanda, Senegal, Sierra Leone, Somalia, South Africa, South Sudan, Sudan, Tanzania, Uganda, Zambia, Zimbabwe, eSwatini

**On- or Off-Grid:** Both

**Geography:**

Anywhere USAID has a presence

**Eligibility:**

Available for buy-in by USAID operating units

**Contact information:**

Marjorie Jean-Pierre. [mjean-pierre@usea.org](mailto:mjean-pierre@usea.org)

**For more information:** <https://www.usea.org/program/energy-utility-partnership-program-eupp>

**Last updated:** August 11, 2020

## EU Technical Assistance Facility (TAF)

**Category:** Capacity Building

**Sub-Category:** Technical Assistance

**User:** Public Sector

**Donor:** European Union (EU)

**Donor Countries:** European Union

**Description:**

Global technical assistance facility for African countries supporting energy sector reforms, in particular:

- to facilitate the preparation, maturing and implementation of sustainable energy investment projects and access projects including technical preparation and financial structure
- to increase the partner countries' administrative and technical capacities for energy policy analysis, planning, project development and implementation;
- to accelerate sector reforms enabling access, renewable energy and energy efficiency

**Locations:** Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Côte d'Ivoire, Democratic Republic of the Congo, Djibouti, Egypt, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Other, Republic of the Congo, Rwanda, Sao Tome and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, South Sudan, Sudan, Tanzania, Togo, Tunisia, Uganda, Zambia, Zimbabwe, eSwatini

**On- or Off-Grid:** Both

**Geography:**

Global

**Eligibility:**

Partner country governments

**Contact information:**

[EuropeAid-C6@ec.europa.eu](mailto:EuropeAid-C6@ec.europa.eu)

**For more information:** [https://ec.europa.eu/international-partnerships/topics/energy\\_en](https://ec.europa.eu/international-partnerships/topics/energy_en)

**Last updated:** August 12, 2020

## GET.invest

**Category:** Capacity Building

**Sub-Category:** Technical Assistance

**Users:** Private Sector, Public Sector

**Donors:** Austrian Development Agency (ADA), Dutch Development Bank (FMO), European Union (EU), German Development Bank (Kreditanstalt für Wiederaufbau) (KfW), Swedish International Development Agency (Sida)

**Donor Countries:** Austria, European Union, Germany, Netherlands, Sweden

**Description:**

GET.invest is a European programme which supports investment in decentralized renewable energy projects. It works with project and business developers, their associations, financiers and regulators towards affordable, reliable and sustainable energy for all. The programme is supported by the European Union, Germany, Sweden, the Netherlands and Austria. GET.invest provides project & business development support, information & matchmaking opportunities and support to regulators to implement regulatory processes.

**Locations:** Botswana, Cameroon, Côte d'Ivoire, Ghana, Kenya, Lesotho, Madagascar, Mozambique, Nigeria, Rwanda, Senegal, South Africa, Tanzania, Uganda, Zambia, Zimbabwe

**On- or Off-Grid:** Both

**Geography:**

ACP

**Eligibility:**

Support to transactions between € 0.25 M - € 50 M (ideally up to €10M)

**Contact information:**

Contact information on website

**For more information:** <https://www.get-invest.eu/>

**Last updated:** August 12, 2020

## Global Lighting & Energy Access Partnership (Global LEAP)

**Category:** Capacity Building

**Sub-Category:** Technical Assistance

**User:** Open to All

**Donors:** Clean Energy Ministerial (CEM), United States Department of Energy (DOE)

**Donor Countries:** Multi-donor, United States of America

**Description:**

LEAP works to catalyze markets through support for quality assurance frameworks, more efficient off-grid energy service technologies through its Awards programs and collaboration among donors in the off-grid lighting sector. The program is aimed at clean energy and energy efficiency suppliers, consumers, policymakers, & other stakeholders.

**Location:** Sub Saharan Africa

**On- or Off-Grid:** Off-Grid

**Geography:**

N/A

**Eligibility:**

N/A

**Contact information:**

<http://www.cleanenergyministerial.org/Contact-Us>

**For more information:** <http://www.cleanenergyministerial.org/Our-Work/Initiatives/Energy-Access>

**Last updated:** August 11, 2020

## Global Procurement Initiative (GPI)

**Category:** Capacity Building

**Sub-Category:** Technical Assistance

**User:** Public Sector

**Donor:** United States Trade and Development Agency (USTDA)

**Donor Countries:** United States of America

**Description:**

Training and technical assistance to integrate best value and life-cycle cost analysis in public procurement processes for Public procurement agencies, procurement staff from Ministries, and State-Owned Enterprises.

**Locations:** Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Côte d'Ivoire, Democratic Republic of the Congo, Djibouti, Egypt, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Republic of the Congo, Rwanda, Sao Tome and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, South Sudan, Sudan, Tanzania, Togo, Tunisia, Uganda, Zambia, Zimbabwe, eSwatini

**On- or Off-Grid:** Not Specified

**Geography:**

Low- and middle-income countries

**Eligibility:**

Partner governments must show:

- Commitment to integrating best-value determinations in tenders
- Openness to fair & transparent international competition
- Dedication to long-term professionalization

**Contact information:**

[USTDA\\_Worldwide@ustda.gov](mailto:USTDA_Worldwide@ustda.gov)

**For more information:** <https://ustda.gov/ustda-special-initiative/global-procurement-initiative/>

**Last updated:** August 12, 2020

## HOMER Powering Health Tool

**Category:** Capacity Building

**Sub-Category:** Technical Assistance

**User:** Open to All

**Donor:** World Bank (WB)

**Donor Countries:** Multi-donor

**Description:**

The HOMER Powering Health Tool is a free online model to create initial designs of electric power systems for health care facilities that have no other power supply or have grid electricity available for a predictable period of hours each day. The tool is intended for project managers, engineers and financiers in the energy industry to simplify the design process for such systems. The tool models optimal combinations of power supply options to meet electrical loads of a health facility at least cost based on the given inputs. It compares combinations of grid electricity (if available), batteries (lithium-ion or lead-acid), solar photovoltaics (PV), and generator sets fueled by diesel, gasoline or propane. The model runs entirely online and can be used an unlimited number of times with no need to sign in or download software.

**Locations:** Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Côte d'Ivoire, Democratic Republic of the Congo, Djibouti, Egypt, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Republic of the Congo, Rwanda, Sao Tome and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, South Sudan, Sudan, Tanzania, Togo, Tunisia, Uganda, Zambia, Zimbabwe, eSwatini

**On- or Off-Grid:** Both

**Geography:**

Global

**Eligibility:**

Open to all

**Contact information:**

[support@homerenergy.com](mailto:support@homerenergy.com)

**For more information:** <https://poweringhealth.homerenergy.com/>

**Last updated:** August 12, 2020

## IRENA Project Navigator

**Category:** Capacity Building

**Sub-Category:** Technical Assistance

**User:** Project Developers

**Donor:** International Renewable Energy Agency (IRENA)

**Donor Countries:** Multi-donor

**Description:**

The tool contains written project proposal guidelines, an interactive project development tool to help project developers create a successful, bankable project and an interactive financial navigator which connects projects with funding opportunities.

**Location:** Sub Saharan Africa

**On- or Off-Grid:** Both

**Geography:**

Sub Saharan Africa

**Eligibility:**

Open-source tool

**Contact information:**

[navigator@irena.org](mailto:navigator@irena.org)

**For more information:** <https://www.irena.org/navigator>

**Last updated:** August 12, 2020

## IVL Swedish Environmental Research Institute

**Category:** Capacity Building

**Sub-Category:** Technical Assistance

**Users:** Academic Institutions, Public Sector

**Donor:** Swedish Environmental Research Institute

**Donor Countries:** Sweden

**Description:**

Carries out feasibility studies, match-making and market analyses for environmental technology companies involved in energy-efficient production, sustainable energy systems, and waste-to-energy, and provides guidance to Swedish companies and companies in sub-Saharan Africa. For energy-intensive industries, government agencies, institutes and universities in recipient countries. The goal is to integrate "stakeholders" for successful implementation of sustainable energy systems and energy efficient value chains.

**Location:** Sub Saharan Africa

**On- or Off-Grid:** Not Specified

**Geography:**

Focus on sub-Saharan Africa. Other parts of Africa can be considered if there is a strong local demand.

**Eligibility:**

Not Specified

**Contact information:**

Phone: +46 (0)10 -788 65 00 (vxl)

Mail: [info@ivl.se](mailto:info@ivl.se)

**For more information:** <http://www.ivl.se/english/startpage.html>

**Last updated:** February 16, 2018



## Lighting Africa

**Category:** Capacity Building

**Sub-Category:** Technical Assistance

**User:** Project Developers

**Donors:** International Finance Corporation (IFC), United States Agency for International Development (USAID), World Bank (WB)

**Donor Countries:** Multi-donor, United States of America

**Description:**

Platform supporting off-grid lighting market as a means of increasing energy access to people not connected to grid electricity. Assists manufacturers, distributors, and other development partners to develop the off-grid lighting market. The program also provides market insights, steers development of quality assurance frameworks for modern, off-grid lighting devices and systems, and promotes sustainability, in partnership with industry. All off-grid lighting stakeholders. Key Areas: Quality Assurance, Stakeholder Engagement, Information. Business Support, Policy Reform, Finance.

**Location:** Sub Saharan Africa

**On- or Off-Grid:** Off-Grid

**Geography:**

Sub Saharan Africa

**Eligibility:**

Not Specified

**Contact information:**

[info@lightingafrica.org](mailto:info@lightingafrica.org)

**For more information:** <https://www.lightingafrica.org/>

**Last updated:** August 12, 2020

## Mini-Grid Support Toolkit

**Category:** Capacity Building

**Sub-Category:** Technical Assistance

**User:** Open to All

**Donor:** United States Agency for International Development (USAID)

**Donor Countries:** United States of America

**Description:**

The toolkit is organized into modules, each of which presents recent learning and experience on a critical area relating to mini-grids. These modules include national policies and planning, emerging technologies, technical design, economics, financing, ownership, regulation, environmental impacts and community considerations. In this toolkit, mini-grids are defined as isolated systems that may range in size from 1 or 2 kW up to 10 MW and provide power to local consumers through a local distribution network. Mini-grids may be eventually connected to a central grid or remain as isolated systems

**Locations:** Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Côte d'Ivoire, Democratic Republic of the Congo, Djibouti, Egypt, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Republic of the Congo, Rwanda, Sao Tome and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, South Sudan, Sudan, Tanzania, Togo, Tunisia, Uganda, Zambia, Zimbabwe, eSwatini

**On- or Off-Grid:** Off-Grid

**Geography:**

Global

**Eligibility:**

Not Specified

**For more information:** <https://www.usaid.gov/energy/mini-grids/>

**Last updated:** August 12, 2020

## **NORHED - The Norwegian Programme for Capacity Building in Higher Education and Research**

**Category:** Capacity Building

**Sub-Category:** Higher Education and Research

**User:** Academic Institutions

**Donor:** Norwegian Agency for Development Cooperation (NORAD)

**Donor Countries:** Norway

**Description:**

Support to strengthen the capacity of higher education institutions.

**Locations:** Angola, Benin, Burkina Faso, Burundi, Central African Republic, Chad, Democratic Republic of the Congo, Djibouti, Eritrea, Ethiopia, Gambia, Guinea, Guinea-Bissau, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mozambique, Niger, Rwanda, Sao Tome and Principe, Senegal, Sierra Leone, Somalia, South Sudan, Sub Saharan Africa, Sudan, Tanzania, Uganda, Zambia

**On- or Off-Grid:** Both

**Geography:**

Least developed countries.

**Eligibility:**

For university partnerships

**Contact information:**

[postmottak@norad.no](mailto:postmottak@norad.no)

Phone +4723980000

**For more information:** <https://www.norad.no/norhed>

**Last updated:** August 12, 2020

## Norwegian Programme for Capacity Development in Higher Education and Research for Development in Energy and Petroleum (EnPe)

**Category:** Capacity Building

**Sub-Category:** Higher Education and Research

**User:** Academic Institutions

**Donors:** Norwegian Agency for Development Cooperation (NORAD), Norwegian Programme for Capacity Development in Higher Education and Research for Development (NORHED)

**Donor Countries:** Norway

**Description:**

Strengthen the capacity of higher education institutions (and research candidates) in Low and Middle Income Countries (LMIC) within the fields of energy and petroleum through funds for capacity building and research.

**Location:** Sub Saharan Africa

**On- or Off-Grid:** Both

**Geography:**

Angola, Ethiopia, Ghana, Kenya, Liberia, Mozambique, South Sudan, Tanzania, Uganda. Other countries may be granted EnPe funding where relevant to EnPe's objectives

**Eligibility:**

Academic Institutes and researchers in partner countries

**Contact information:**

Elisabeth Strand Vigtel

[elisabeth.s.vigtel@ntnu.no](mailto:elisabeth.s.vigtel@ntnu.no)

+47 73598962

**For more information:** <http://www.ntnu.edu/international/enpe>

**Last updated:** August 13, 2020

## Open Solar Contracts

**Category:** Capacity Building

**Sub-Category:** Legal Assistance

**User:** Project Developers

**Donor:** International Renewable Energy Agency (IRENA)

**Donor Countries:** Multi-donor

**Description:**

Led by IRENA and TWI, Open Solar Contracts is a collaboration of global renewable energy professionals with a broad set of solar development expertise. Open Solar Contracts' partners bring advisory and representation expertise in legal documentation for project development and financing.

Open Solar Contracts streamlines project development and finance processes by offering simple and universally-applicable legal agreements that make contracting much faster and less costly.

**Location:** Sub Saharan Africa

**On- or Off-Grid:** On-Grid

**Geography:**

Sub Saharan Africa

**Eligibility:**

Publicly available resource

**Contact information:**

[opensolarcontracts@irena.org](mailto:opensolarcontracts@irena.org), [opensolarcontracts@twi.team](mailto:opensolarcontracts@twi.team)

**For more information:** <https://opensolarcontracts.org/>

**Last updated:** August 13, 2020

## Public-Private Infrastructure Advisory Facility (PPIAF)

**Category:** Capacity Building

**Sub-Category:** Technical Assistance

**User:** Public Sector

**Donors:** Department for International Development (DFID), International Finance Corporation (IFC), Swedish International Development Agency (Sida), United States Agency for International Development (USAID), World Bank (WB)

**Donor Countries:** Multi-donor, Sweden, United Kingdom, United States of America

**Description:**

Assists governments in creating enabling environments to promote private sector involvement in infrastructure. It can help governments prepare and review policy frameworks, develop and implement legal and regulatory frameworks, design and develop new institutions to promote private investment. Also includes technical support on specific transactions with regards to policy, legal and regulation.

**Location:** Sub Saharan Africa

**On- or Off-Grid:** Not Specified

**Geography:**

Recipients of official developmental assistance as defined by the OECD

**Eligibility:**

SSA

**Contact information:**

[ppiaf@ppiaf.org](mailto:ppiaf@ppiaf.org)

**For more information:** <https://ppiaf.org/>

**Last updated:** August 13, 2020

## Renewable Energy Microfinance & Microenterprise Program (REMMP)

**Category:** Capacity Building

**Sub-Category:** Technical Assistance

**User:** Private Sector

**Donor:** United States Agency for International Development (USAID)

**Donor Countries:** United States of America

**Description:**

Technical assistance & activities to increase access to clean energy services & products. A key goal of REMMP is to increase the availability of consumer financing for clean energy services and products. This program is aimed at MFIs, asset finance companies, money transfer companies and energy enterprises.

**Locations:** Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Central African Republic, Chad, Côte d'Ivoire, Democratic Republic of the Congo, Djibouti, Ethiopia, Ghana, Guinea, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mozambique, Namibia, Niger, Nigeria, Republic of the Congo, Rwanda, Senegal, Sierra Leone, Somalia, South Africa, South Sudan, Sudan, Tanzania, Uganda, Zambia, Zimbabwe, eSwatini

**On- or Off-Grid:** Off-Grid

**Geography:**

Anywhere USAID has a presence

**Eligibility:**

Program focuses on household & community-scale renewable technologies such as solar home systems, fuel-efficient cook stoves & micro-grids. Available for buy-in by USAID operating units

**Contact information:**

[info@arcfinance.org](mailto:info@arcfinance.org)

Pam Baldinger, [pbaldinger@usaid.gov](mailto:pbaldinger@usaid.gov)

**For more information:** <http://arcfinance.org/projects/remmp/>

**Last updated:** August 13, 2020

## Reverse Trade Missions

**Category:** Capacity Building

**Sub-Category:** Technical Assistance

**User:** U.S. Companies

**Donor:** United States Trade and Development Agency (USTDA)

**Donor Countries:** United States of America

**Description:**

Reverse trade missions bring foreign project sponsors to the United States to observe the design, manufacture and operation of American products and services to support their infrastructure goals. These engagements also introduce overseas decision-makers to U.S. business leaders and develop essential relationships promoting additional overseas development.

**Locations:** Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Côte d'Ivoire, Democratic Republic of the Congo, Djibouti, Egypt, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Republic of the Congo, Rwanda, Sao Tome and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, South Sudan, Sudan, Tanzania, Togo, Tunisia, Uganda, Zambia, Zimbabwe, eSwatini

**On- or Off-Grid:** Both

**Geography:**

Low- and middle-income countries, with select priority countries in each region.

**Eligibility:**

Expected procurements must have potential to include U.S. goods or services

**Contact information:**

[Africa@ustda.gov](mailto:Africa@ustda.gov)

**For more information:** <https://ustda.gov/events/>

**Last updated:** August 13, 2020



## Solar Technology for the West African Economic and Monetary Union

**Category:** Capacity Building

**Sub-Category:** Higher Education and Research

**Users:** Academic Institutions, Public Sector

**Donors:** Ecole Polytechnique de Montreal, Government of Canada (GoC)

**Donor Countries:** Canada

**Description:**

The purpose of this project is to establish the Institute for Training in Applied Solar Technology (IFTSA) at the University of Ouagadougou, thereby creating a regional center of excellence in advanced solar technologies in West Africa. It supports the training of 500 advanced technicians and 100 engineers, of which at least 20% are women.

**Locations:** Benin, Burkina Faso, Côte d'Ivoire, Guinea-Bissau, Mali, Niger, Senegal, Togo

**On- or Off-Grid:** Both

**Geography:**

Countries of the West African Economic and Monetary Union (Benin, Burkina Faso, Côte D'Ivoire, Guinea-Bissau, Mali, Niger, Senegal, and Togo)

**Eligibility:**

Countries of the West African Economic and Monetary Union (Benin, Burkina Faso, Côte D'Ivoire, Guinea-Bissau, Mali, Niger, Senegal, and Togo)

**Contact information:**

[oumarou.savadogo@polymtl.ca](mailto:oumarou.savadogo@polymtl.ca)

**For more information:** <https://w05.international.gc.ca/projectbrowser-banqueprojets/project-projet/deta>

**Last updated:** August 13, 2020

## Strengthening Climate Resilience in Africa - African Institute for Mathematical Sciences (AIMS)

**Category:** Capacity Building

**Sub-Category:** Higher Education and Research

**User:** Open to All

**Donors:** Global Affairs Canada, International Development Research Centre (IDRC)

**Donor Countries:** Canada

**Description:**

The aim of this project is to build a critical mass of mathematical scientists in Africa who can address the continent's complex development challenges, specifically focusing on the challenges contributing to, and resulting from, climate change - including a sub-focus on renewable energy.

**Location:** Sub Saharan Africa

**On- or Off-Grid:** Both

**Geography:**

Africa

**Eligibility:**

African students and alumni - although not limited to, there is a special emphasis on women; and private and public sector organizations.

**Contact information:**

<https://www.nexteinstein.org/contact-us/?lang=en>

**For more information:** <https://www.nexteinstein.org/>

**Last updated:** August 13, 2020

## Technical Assistance

**Category:** Capacity Building

**Sub-Category:** Technical Assistance

**User:** Private Sector

**Donor:** FinDev Canada

**Donor Countries:** Canada

**Description:**

Short-term support for gender inclusion practices and women's economic empowerment, impactful data solutions, business performance, and governance. Requires a client contribution (financial or in-kind).

**Location:** Sub Saharan Africa

**On- or Off-Grid:** Both

**Geography:**

Sub Saharan Africa

**Eligibility:**

Current clients and/or market development. Requires a financial contribution from the client.

**Contact information:**

[info@findevcanada.ca](mailto:info@findevcanada.ca)

**Last updated:** August 13, 2020

## Technical Assistance Facility (TAF) (PIDG)

**Category:** Capacity Building

**Sub-Categories:** Grant Funding, Technical Assistance

**User:** Private Sector

**Donors:** Department for International Development (DFID), Dutch Ministry of Foreign Affairs (DGIS), International Finance Corporation (IFC), Swedish International Development Agency (Sida), Swiss State Secretariat for Economic Affairs (SECO)

**Donor Countries:** Multi-donor, Netherlands, Sweden, Switzerland, United Kingdom

**Description:**

The Technical Assistance Facility (TAF) is a pool of funding within the PIDG Trust to assist PIDG companies to support capacity building and to help scope out potential investment opportunities. Where possible some grants are provided on a returnable basis. TAF also provides Viability Gap Funding (VGF) support, which is designed to make projects that are economically viable over the long term, commercially viable for investors.

**Location:** Sub Saharan Africa

**On- or Off-Grid:** Not Specified

**Geography:**

SSA

**Eligibility:**

PIDG companies

**Contact information:**

James Leigland, [taf@pidg.org](mailto:taf@pidg.org)

**For more information:** <http://www.pidg.org/what-we-do/companies/taf>

**Last updated:** February 16, 2018

## Technical Support

**Category:** Capacity Building

**Sub-Category:** Technical Assistance

**User:** Project Developers

**Donor:** United States African Development Foundation (USADF)

**Donor Countries:** United States of America

**Description:**

Intensive local capacity building support is provided to African energy entrepreneurs (SMEs).

**Location:** Sub Saharan Africa

**On- or Off-Grid:** Off-Grid

**Geography:**

Sub Saharan Africa

**Eligibility:**

See <http://www.usadf.gov/apply-for-a-grant>

**Contact information:**

[info@usadf.gov](mailto:info@usadf.gov)

**For more information:** <https://www.usadf.gov/off-grid>

**Last updated:** August 13, 2020

## The Demo Environment Programme

**Category:** Capacity Building

**Sub-Category:** Technical Assistance

**User:** Project Developers

**Donor:** Swedish Agency for Economic and Regional Growth

**Donor Countries:** Sweden

**Description:**

The Demo Environment Programme funds international technology transfers involving those wishing to transfer their technology to a new market or organizations looking to import technology that's new to their country.

**Locations:** Kenya, Mozambique, Tanzania, Zambia

**On- or Off-Grid:** Both

**Geography:**

The program will be implemented in 11 of SIDA's cooperation countries, of which the following are in Africa: Kenya, Mozambique, Tanzania, and Zambia.

**Eligibility:**

Open to purchasers of environmental engineering in any of the partner countries and contractors/organizations with new environmental technology interested in partnerships in one of the partner countries. Swedish companies that want to apply must have an established partnership with a company/organization in the selected country. The technology must help solve an environmental problem, being new to the country and adapted to local conditions/appropriate.

**Contact information:**

[www.tillvaxtverket.se](http://www.tillvaxtverket.se)

**Last updated:** February 16, 2018

## Training through exchange of personnel

**Category:** Capacity Building

**Sub-Category:** Technical Assistance

**User:** Private Sector

**Donor:** Fredskorpset Norway

**Donor Countries:** Norway

**Description:**

Funding and guidance to exchange projects involving employees in Norway and in developing countries.

**Locations:** Burundi, Ethiopia, Kenya, Madagascar, Malawi, Mozambique, Rwanda, South Africa, Sudan, Tanzania, Uganda, Zambia, Zimbabwe

**On- or Off-Grid:** Not Specified

**Geography:**

Selected priority countries in Africa

**Eligibility:**

Need to be partner - at least five employees

**Contact information:**

Phone: +47 24 14 57 00

E-mail: [fredskorpset@fredskorpset.no](mailto:fredskorpset@fredskorpset.no)

**For more information:** <http://www.fredskorpset.no/en/#navMain>

**Last updated:** August 13, 2020

## Unlocking Southern Africa Solar (USAS)

**Category:** Capacity Building

**Sub-Category:** Project Implementation

**User:** Open to All

**Donor:** United States Agency for International Development (USAID)

**Donor Countries:** United States of America

**Description:**

Demand driven technical support program with three broad thematic areas:

- building awareness and consensus for large scale solar procurement program;
- understanding the feasibility of large scale solar programs in Southern Africa; and
- strengthening the capacity to plan and implement a large scale solar procurement program.

**Locations:** Botswana, Namibia

**On- or Off-Grid:** On-Grid

**Geography:**

Southern Africa

**Eligibility:**

Open to all

**Contact information:**

USAID Power Africa - Liza Smit - [lismit@usaid.gov](mailto:lismit@usaid.gov)

**Last updated:** August 13, 2020



## US-African Clean Energy Standards Program

**Category:** Capacity Building

**Sub-Category:** Technical Assistance

**Users:** Private Sector, Public Sector, U.S. Companies

**Donor:** United States Trade and Development Agency (USTDA)

**Donor Countries:** United States of America

**Description:**

1-2 day Workshops addressing standards issues in clean energy market, particularly the need to set common standards for new technologies in this market. Workshops include public sector officials overseeing standard setting as well as companies and stakeholders providing and using relevant solutions.

**Location:** Sub Saharan Africa

**On- or Off-Grid:** Both

**Geography:**

Low- and middle-income countries, with priority given to select countries in each region.

**Eligibility:**

Demonstrated need that standards and market information would assist in growth of sustainable clean energy projects and solutions.

**Contact information:**

[Africa@ustda.gov](mailto:Africa@ustda.gov)

**Last updated:** August 13, 2020

## Utility Training Programs

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**Category:** Capacity Building

**Sub-Category:** Technical Assistance

**User:** Public Sector

**Donor:** United States Agency for International Development (USAID)

**Donor Countries:** United States of America

**Description:**

Capacity building & training for African utilities & policymakers.

**Location:** Sub Saharan Africa

**On- or Off-Grid:** Not Specified

**Geography:**

Sub Saharan Africa

**Eligibility:**

Not Specified

**Last updated:** August 13, 2020

## Vocational Training & Education for Clean Energy (VOCTEC)

**Category:** Capacity Building

**Sub-Category:** Technical Assistance

**User:** Public Sector

**Donor:** United States Agency for International Development (USAID)

**Donor Countries:** United States of America

**Description:**

Curricula & training on the installation, operation and maintenance of off-grid renewable energy systems for host-country stakeholders.

**Locations:** Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Central African Republic, Chad, Côte d'Ivoire, Democratic Republic of the Congo, Djibouti, Ethiopia, Ghana, Guinea, Kenya, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritania, Mozambique, Namibia, Niger, Nigeria, Republic of the Congo, Rwanda, Senegal, Sierra Leone, Somalia, South Africa, South Sudan, Sudan, Tanzania, Uganda, Zambia, Zimbabwe, eSwatini

**On- or Off-Grid:** Off-Grid

**Geography:**

Anywhere USAID has a presence

**Eligibility:**

Available for buy-in by USAID operating units

**Contact information:**

Pam Baldinger, [pbaldinger@usaid.gov](mailto:pbaldinger@usaid.gov)

**For more information:** <http://wind.appstate.edu/programs/usaid-vocational-training-and-education-clean->

**Last updated:** August 13, 2020