PROJECT PREPARATION FACILITIES TOOLBOX

POWER AFRICA
A U.S. GOVERNMENT-LED PARTNERSHIP

Project Preparation Facilities (PPFs) support governments, investors, and developers of power projects by helping to expedite the technical, financial, legal, and regulatory processes involved in energy deals. As a companion resource to the Power Africa Toolbox, this document contains information on early-stage PPFs that currently operate in sub-Saharan Africa's energy sector.

PPFs in Sub-Saharan Africa
and their Project Development Stage Focus Areas

	Enabling	Concept	Pre-feasibility	Feasibility	Development	Structuring	Financing	Construction
Electrification Finance Initiative (ElectriFI)		✓	✓	✓	✓	✓	✓	✓
Sustainable Use of Natural Resources and Energy Financing (RTAP-SUNREF)	✓	✓	✓	✓	✓	✓	✓	
Energy and Environment Partnership Program of Southern & East Africa (EEP S&EA)		✓	✓	✓	✓	✓	✓	✓
U.S. Trade and Development Agency (USTDA)	✓		✓	✓	✓	✓	✓	
U.S.-Africa Clean Energy Finance Initiative (ACEF)		✓	✓	✓	✓	✓	✓	
Infrastructure Development Collaboration Partnership Fund (DevCo)	✓	✓	✓	✓	✓	✓		
Climate Investor One (CIO)			✓	✓	✓	✓	✓	✓
InfraCo Africa			✓	✓	✓	✓	✓	
Climate Technology Initiative Private Financing Advisory Network (CTI PFAN)			✓	✓	✓	✓	✓	
Sustainable Energy Fund for Africa (SEFA)				✓	✓	✓	✓	
NEPAD Infrastructure Project Preparation Facility (NEPAD-IPPF)			✓	✓	✓	✓		
Africa Renewable Energy Fund Project Support Facility (AREF-PSF)		✓	✓	✓	✓			
Seed Capital Assistance Facility Phase 2 (SCAF II)				✓	✓	✓		

PPF Definitions for Facility Involvement

Enabling Environment

The environment in which a project developer operates comprises public institutions, national and regional policies and regulations, financial institutions and society. The extent to which this environment supports and encourages private sector project success can be improved by institutional reform, policy and regulatory planning, and financial sector development. Public sector capacity building enables and promotes private sector project development and investment, and improves the public sector's capacity to act as an effective counterpart.

Project Concept

The initial phase of the project during which fundamental questions such as the what, why, how and when of the project are answered. Basic financial viability is established based on an assessment of constraints, assumptions and risk.

Project Pre-feasibility

Determination of project viability and a base case that will support the commitment of funding for the feasibility study: legal and regulatory assessment, site assessment and selection, determination of initial project schedule, preliminary financial analysis and estimated tariff requirements.

Project Feasibility

A refinement of the base case that will support the commitment of resources to develop the project and provide assurances that will support capital investment, plan acquisition of rights, generate indicative project design, complete technical studies, determine risk mitigation and update financial analysis.

Project Development

Undertaking of long lead-time activities and receipt of authorizations, acquisition of land and water rights, development of community plans, identification of vendors and EPC contractors, hiring of advisors and refinement of the project financial model.

Project Structuring

Structuring of the project to the extent that project finance can be arranged: structuring of the SPV, PPA negotiations, interconnection agreements, EPC contract, O&M agreements, identification and involvement of potential lenders.

Project Financing

Arrangement of finance on terms and conditions sufficient to achieve financial close: agreement of financial plans, finalization of term sheets, finalization of debt and equity financing and lender security.

Project Construction and Completion

The final stages of the project, which include construction, commissioning and commercial operations: meet all conditions precedent to give Notice to Proceed, construction, testing and commissioning and commercial operation.

Electrification Finance Initiative (ElectriFI)

Project proposals are being sought to increase or improve access to modern, reliable, affordable, sustainable energy services for populations living principally in rural and underserved areas, as well as areas affected by unreliable power supply. Special attention will be drawn to the project's carbon footprint, in terms of greenhouse gas (GHG) emissions reduction and environmental impact. The effectiveness of a project's delivery of energy savings or carbon credits will also be considered.

<table>
<tr><th>Item</th><th colspan="2">Detail</th></tr>
<tr><td>Full Name</td><td colspan="2">Electrification Financing Initiative</td></tr>
<tr><td>Donors/Contributors</td><td colspan="2">European Union and EDFIs, European Financial Institutions, IFIs, and private sector stakeholders (developers, banks, etc.)</td></tr>
<tr><td>Website</td><td colspan="2">electrifi.org</td></tr>
<tr><td>Contact</td><td colspan="2">Georgios Pantoulis;: Georgios.Pantoulis@ec.europa.eu | Anastasia Oikonomou: Anastasia.Oikonomou@ec.europa.eu</td></tr>
<tr><td>Objectives</td><td colspan="2">ElectriFI aims at accelerating/improving access to modern energy services/electricity supporting any development stage of a project or corporate entity. The specific objectives are to:
a. Achieve intensive mobilization of the private sector in the business of increasing access to modern, affordable and sustainable energy services and/or improving access to safe, reliable, affordable and sustainable energy, for populations living principally in rural, underserved areas as well as areas affected by unreliable power supply.
b. Encourage more actions in the field of renewable energy in general with emphasis on decentralized sustainable energy solutions, not excluding grid-extension programs.
c. Attract additional financing.</td></tr>
<tr><td>Planned Lifespan</td><td colspan="2">Launched at COP 21; operational Q2 2016; first phase 10 years</td></tr>
<tr><td>Total Funding</td><td colspan="2">€270 million earmarked until 2017 (out of which €133 million committed)</td></tr>
<tr><td>Geography</td><td colspan="2">Global initiative with a focus on sub-Saharan Africa</td></tr>
<tr><td>Products/Services</td><td colspan="2">Technical assistance, investment grants, interest rate subsidies, guarantees and equity, and other.
ElectriFI compliments the support that EU and global partners provide to partner countries, contributing to their effort of structuring an enabling environment in the energy sector.</td></tr>
<tr><td>Beneficiaries</td><td>• Public</td><td>• Private</td></tr>
<tr><td>Eligible Projects Criteria</td><td>• Technology – All RE technology, grid extension and improvement as well as energy efficiency related projects
• Size – not restricting
• Geography – Global, but with a focus on Sub-Saharan Africa</td><td>• Co-funding – 10-50% depending on the project cycle (early stages co-financing can reach 50% while later stages co-financing is not expected to exceed 30%)
• Ownership (country of origin) – Developing countries on the list of recipients of ODA established by the OECD/DAC, except for those eligible for EU funding under the Instrument for Pre-accession Assistance established by EU regulation No 231/2014, as well as countries and territories falling within the scope of Council Decision 2013/755/EU</td></tr>
<tr><td>Project Funding Range</td><td>• Minimum – Not available</td><td>• Maximum – US$10 million</td></tr>
<tr><td>Application Processing Timelines</td><td colspan="2">Not yet available</td></tr>
<tr><td>Application Documents</td><td colspan="2">Not yet available</td></tr>
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Sustainable Use of Natural Resources and Energy Financing (SUNREF)

The Regional Technical Assistance Programme provides an affordable line of credit together with project development technical assistance to help develop sustainable energy investments. The first phase of the program, called Regional Technical Assistance Programme for Financing Renewable Energy and Energy Efficiency (RTAP), ran from August 2011 to May 2014. Phase 2, SUNREF, comprises Technical Assistance (TA) and credit facilities to provide banks with the necessary long-term financing to overcome financial barriers met by project sponsors. The program is administered by the Kenya Association of Manufacturers (KAM).

Item	Detail
Full Name	Sustainable Use of Natural Resources and Energy Financing
Donors/Contributors	AFD, EUITF
Website	kam.co.ke/index.php/energy-services/afd-sunref
Contact	Jeff Murage: Jeff.Murage@kam.co.ke
Objectives	Facilitate the origination and viability of bankable projects and provide technical assistance
Planned Lifespan	RTAP commenced in 2011. SUNREF will operate for a two year period until May 2017
Total Funding	RTAP received €2.6 million. The TA component of SUNREF will receive €2.1 million
Geography	Kenya, Tanzania, Uganda
Products/Services	1. Line of low-cost credit through local banks 2. Technical assistance
Beneficiaries	• Private • Public Private Partnerships
Eligible Projects Criteria	• Technology – renewable energy and energy efficiency • Size – small and medium scale • Geography – Kenya, Tanzania, Uganda • Co-funding – depends on project size (equity, minor debt), • Ownership (country of origin) – Kenya
Project Funding Range	• Minimum – Country Specific • Maximum debt – US$6.5 million (Kenya)
Application Processing Timelines	Project dependent, but projects of less than US$300,000 can be fast-tracked on a tailor-made catalogue list
Application Documents	Not yet available

Energy and Environment Partnership Program of Southern and East Africa (EEP S&EA)

The Energy and Environment Partnership Program of Southern and East Africa (EEP S&EA) is focused on projects in all fields of renewable energy and energy efficiency, bridging the gap between a good idea and a bankable project by providing partial financing to project proposals. These projects include various types of feasibility studies aiming at concrete investments, as well as pilot, scale-up and demonstration projects. Projects that demonstrate high innovation in delivering energy services, facilitate technology transfer, encourage cooperation and local stakeholders' participation are preferred.

Item	Detail
Full Name	Energy and Environment Partnership of Southern and East Africa
Donors/Contributors	Ministry of Foreign Affairs of Finland, DFID, Austrian Development Agency (ADA)
Website	eepafrica.org
Contact	EEP Coordination Office: eep.eco@kpmg.fi; mobile: +27 (71) 7426081
Objectives	To enable increased access to modern, affordable and reliable energy services through an increased usage of renewable energy technologies leading to a reduction of poverty and mitigating against climate change.
Planned Lifespan	Commenced in Africa in 2010 and will be operational until the end of 2017
Total Funding	2010-2013 - €25 million, 2013-2017 - €35 million
Geography	Botswana, Burundi, Kenya, Lesotho, Mozambique, Namibia, Rwanda, Seychelles, South Africa, Swaziland, Tanzania, Uganda, Zambia
Products/Services	Specific to Call for Proposals: 1. Window 1: Seed funding - grant 2. Window 2: Project development - grant
Beneficiaries	• Private • Public Private Partnerships
Eligible Projects Criteria	• Technology – renewable energy, clean tech, energy efficiency • Size – maximum €10 million • Geography – any of the 13 project countries • Co-funding – depending on project size • Ownership (country of origin) – locally based in country of project implementation
Project Funding Range	• Window 1 - Maximum – between €0.1 and €0.3 million depending on level of co-funding • Window 2 - Maximum – between €0.2 and €1 million depending on level of co-funding
Application Processing Timelines	Two-stage application process taking about 4 months from close of call for proposals
Application Documents	eepafrica.org/how-to-apply/application-documents/

U.S. Trade and Development Agency (USTDA)

The USTDA is the U.S. government's project planning agency. USTDA helps infrastructure projects reach bankability through funding for project planning activities, pilot projects and reverse trade missions, while creating sustainable infrastructure and economic growth in partner countries.

<table>
<tr><th>Item</th><th colspan="2">Detail</th></tr>
<tr><td>Full Name</td><td colspan="2">U.S. Trade and Development Agency</td></tr>
<tr><td>Donors/Contributors</td><td colspan="2">U.S. Government</td></tr>
<tr><td>Website</td><td colspan="2">www.ustda.gov</td></tr>
<tr><td>Contact</td><td colspan="2">Lida Fitts, Sub-Saharan Africa Regional Director (acting); lfitts@ustda.gov
Brandon Megorden, Country Manager for East and Central Africa; bmegorden@ustda.gov
Jacob Flewelling, Business Development Manager; jflewelling@ustda.gov (Johannesburg)</td></tr>
<tr><td>Objectives</td><td colspan="2">USTDA's main objectives are project planning and partnership building activities that support the development of, among others, sustainable energy infrastructure in Sub-Saharan Africa. The hallmark of USTDA's assistance is establishing links between U.S. companies and African project sponsors to bring private sector solutions to development challenges.</td></tr>
<tr><td>Planned Lifespan</td><td colspan="2">Established in 1981 and will operate indefinitely</td></tr>
<tr><td>Total Funding</td><td colspan="2">Unspecified</td></tr>
<tr><td>Geography</td><td colspan="2">Sub-Saharan Africa priority countries: Ghana, Nigeria, South Africa, Tanzania, Ethiopia and Kenya. Special consideration is given for energy projects in all Sub-Saharan Africa countries eligible to receive U.S. foreign assistance.</td></tr>
<tr><td>Products/Services</td><td colspan="2">• USTDA funds pre-feasibility and feasibility studies in order to provide the required comprehensive analysis for infrastructure projects to achieve successful financing and implementation
• USTDA funds technical assistance to provide technical analysis, design, legal and/or advisory support related to commercial activities and infrastructure development (e.g. advanced engineering and design, environmental impact analysis, legal and regulatory services, equipment vendors & EPC contractor identification, project structuring activities); etc.
• USTDA funds pilot projects in order to demonstrate the effectiveness of U.S. technological solutions and provide the analysis, evaluation and empirical data needed to secure funding
• USTDA provides support on enabling environment activities (e.g. sector policies, master plans, capacity building, feed-in tariff studies, where specific issues are shown to block project/sector success)</td></tr>
<tr><td>Beneficiaries</td><td>• Public</td><td>• Private
• Public Private Partnerships</td></tr>
<tr><td>Eligible Projects Criteria</td><td>• Technology – proven
• Size – no limit prescribed
• Geography – low and middle income countries</td><td>• Co-funding – not required
• Ownership – within host country</td></tr>
<tr><td>Project Funding Range</td><td>• Minimum – US$350,000 (typical range, exceptions occur)</td><td>• Maximum – US$1.5 million+ (typical range, exceptions occur)</td></tr>
<tr><td>Application Processing Timelines</td><td colspan="2">Application processing time varies from 2-5 months</td></tr>
<tr><td>Application Documents</td><td colspan="2">USTDA is open to receiving unsolicited proposals on a rolling basis throughout the year. Applicants are encouraged to contact USTDA directly to assess proposal viability prior to submission. Application details are available at: www.ustda.gov/program/proposals/guidelines.html</td></tr>
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The U.S.-Africa Clean Energy Finance Initiative (ACEF)

The U.S.-Africa Clean Energy Finance Initiative (ACEF) is a financing program sponsored by the U.S. Department of State and implemented jointly by the Overseas Private Investment Corporation (OPIC) and the U.S. Trade and Development Agency. The goal of the initiative is to increase access to clean energy for African countries by stimulating increased investments in clean energy generating capacity and related infrastructure.

Item	Detail	
Full Name	U.S.-Africa Clean Energy Finance Initiative	

Donors/Contributors	• Funding agency: U.S. Department of State (DoS)
	• Implementing agencies:
	  • Overseas Private Investment Corporation (OPIC)
	  • U.S. Trade and Development Agency (USTDA)	

Website	• www.opic.gov/sites/default/files/files/ACEF%20Factsheet.pdf • www.ustda.gov/program/us-africa-clean-energy-finance-us-acef-initiative	
Contact	• Africa@ustda.gov • ACEF@opic.gov	
Objectives	To increase access to clean energy for African countries by stimulating increased investments in clean energy generating capacity and related infrastructure	
Planned Lifespan	Interagency agreement between USTDA and DoS valid through September 2018, and between OPIC and DoS through September 2019	
Total Funding	• For the first phase: US$20 million which has been fully committed • For the second phase: US$10 million	
Geography	Priority given to countries in sub-Saharan Africa	
Products/Services	Funds may be used for project planning services including but not limited to environmental impact analysis, social impact and resettlement plans, land surveys, and transaction advisory services.	
Beneficiaries	• USTDA: Public and Private • OPIC: Private	
Eligible Projects Criteria	• Technology – clean energy & energy efficiency, energy delivery • Geography – Sub-Saharan Africa	• Co-Funding – cost share • US private sector involvement (OPIC)
Project Funding Range	• Minimum OPIC: US$50,000 • Maximum OPIC: US$1 million	• Minimum USTDA: no minimum • Maximum USTDA: no maximum
Application Processing Timelines	Applications can be processed in as little as six weeks. Application process speed will be determined by the unique parameters of the proposed project and the applicant.	
Application Documents	Available online and upon request	

Infrastructure Development Collaboration Partnership Fund (DevCo) [a Facility of PIDG]

DevCo is a multi-donor partnership established by the International Finance Corporation (IFC) and the UK's Department for International Development (DFID), and supported by other members of the Private Infrastructure Development Group (PIDG). DevCo is housed and managed by IFC. It supports infrastructure transactions in the poorest countries by providing funding for expert consultants to complement IFC expertise in structuring PPP projects.

Item	Detail
Full Name	Infrastructure Development Collaboration Partnership Fund
Donors/Contributors	Austrian Development Agency (ADA), Austrian Ministry of Finance (BMF), DFID, Netherlands Ministry of Foreign Affairs (DGIS), Sida, IFC
Website	www.ifc.org/wps/wcm/connect/AS_EXT_Content/What+We+Do/IFC+and+PPPs/Partners/DevCo
Contact	Emmanuel Nyirinkindi: ENyirinkindi@ifc.org
Objectives	To support the development and implementation of public-private partnership transactions that bring the private sector into the provision of critical infrastructure and services, helping boost economic growth and combat poverty.
Planned Lifespan	Established in June 2003, operational until further notice
Total Funding	US$78 million – over 40% of the active portfolio is in power
Geography	DAC 1,2,3 on the OECD list of ODA Recipients
Products/Services	• DevCo provides advisory services to governments in DAC 1 & 2 countries to help them structure transactions that facilitate private sector participation in infrastructure projects • The facility funds the structuring and preparation of PPP transactions
Beneficiaries	• Public Private Partnerships
Eligible Projects Criteria	• Infrastructure projects in FCS and DAC 1 & 2 countries. Select DAC 3 countries can be considered subject to donor approval
Project Funding Range	• Minimum – unknown • Maximum – US$1.5 million
Application Processing Timelines	• Unspecified; IFC review takes 1-2 business days (projects needs to receive IFC pre-approval) • PIDG donor secretariat review – between 1 day and 3 weeks • Donor review – 10 business days
Application Documents	Not available online

Climate Investor One (CIO)

Climate Investor One (CIO) is a financing facility designed to support renewable projects through sequential stages of the project's life. CIO provides technical, environmental and social due diligence together with development costs support at an early stage. It then finances a large part of construction costs with equity, removing the need for debt finance during construction. Finally, once the project is operational, CIO provides long term debt to deliver stability and optimized funding during the operational stage.

Item	Detail
Full Name	Climate Investor One
Donors/Contributors	CIO became operational in 2015 through a grant of Euro 7 million from the Dutch Government. Subsequently the UK Department of Energy and Climate Change (DECC) has committed GBP50 million, and the Dutch Government increased its commitment to Euro 50 million and various other donor agencies have indicated strong interest to an aggregate of circa USD150million. FMO have in principally approved USD75 million and is considering an additional USD200 million liquidity facility. This commitment is likely to be augmented by co commitments from the European development financing institution community.
Website	www.climatefundmanagers.com
Contact	Andrew Johnstone: a.johnstone@climatefundmanagers.com | Tarun Brahma: t.brahma@climatefundmanagers.com
Objectives	To provide a complete lifecycle financing solution for renewable energy projects through the phases of development, construction and operations.
Planned Lifespan	Operational since Q2 2015 with a lifespan of 20 years
Total Funding	Targeting US$1.05 billion spread across three separate funds
Geography	Primarily low and lower-middle income countries falling within Africa, South/Southeast Asia and Latin America
Products/Services	1. Non-recourse development loans during the development phase. 2. Non-recourse equity finance to fund construction, provided in sufficient amounts to negate the complexity of project finance debt during construction. The cost of the equity finance will be the project return. 3. Non-recourse debt finance, once the project has reached an operational stage, to deliver a stable long term balance sheet to the project company. The cost and terms of the debt finance will be determined by a market process.
Beneficiaries	• Private (100%), but projects are likely to be Public Private Partnerships (PPPs)
Eligible Projects Criteria	• Technology – solar, on-shore wind and run of river hydro • Size – 25-75MW • Project funding requirement: US$50 million to US$150 million • Geography – Africa, Southeast Asia and Latin America with an initial, but not exclusive, focus on Kenya, Tanzania, Rwanda, Ghana, Nigeria, India, Nepal, Indonesia, Philippines, Nicaragua, Guatemala, Panama and Costa Rica • Co-funding – CIO will finance up to 50% of the development and 75% of the construction costs subject to a cap of US$5 million and US$75 million, respectively
Project Funding Range	• Minimum – USD0.25m (Development Fund), USD25m (Construction Equity Fund), USD25m (Refinancing Fund) • Maximum – USD5m (Development Fund), USD75m (Construction Equity Fund), USD75m (Refinancing Fund)
Application Processing Timelines	Development Fund: 21 days | Construction Equity Fund: 2-3 months | Refinancing Fund: 2-6 months
Application Documents	Project Developers can approach the Facility on an unsolicited bi-lateral basis. The Fund Manager will market the Facility to project developers and will respond to opportunities on a case-by-case basis.

InfraCo Africa (a Facility of PIDG)

InfraCo Africa is an infrastructure development facility of a facility of the Private Infrastructure Development Group (PIDG) that has been designed to assume the risks and costs of early-stage project development in the lower-income countries of Africa. InfraCo Africa identifies investment opportunities and develops them to the stage where they can attract domestic and international finance. Where appropriate, InfraCo Africa can source grants to support pro-poor projects.

Item	Detail
Full Name	InfraCo Africa Ltd.
Donors/Contributors	DFID, DGIS, SECO
Website	www.infracoafrica.com
Contact	Via website
Objectives	InfraCo Africa seeks to alleviate poverty by mobilizing private sector investment to develop infrastructure projects in Sub-Saharan Africa's poorest countries. To do this, InfraCo Africa provides funding and expertise to projects at their earliest stages, enabling them to grow from an initial concept to a bankable investment opportunity.
Planned Lifespan	Established in 2004, operational until further notice
Total Funding	US$126 million committed to InfraCo Africa by end of 2014
Geography	Sub-Saharan Africa – LDC, OLIC and Fragile and Conflict-affected States (FCS) as identified by the OECD
Products/Services	1. Co-develop projects where a lead developer is in place but requires additional funding to reduce the cost and risk associated with early-stage development. 2. Provide the experienced oversight and management needed to develop projects through to financial close. 3. Provide on-the-ground resources through our developers (eleQtra and AADL) and for pre-financial close development activities. 4. Source grant funding for technical and environmental studies to support host governments where regulatory frameworks are being implemented for the first time, or in some cases, to partially fund capital costs. 5. As a PIDG company, InfraCo Africa can also source equity and debt funding and guarantees to support financial close.
Beneficiaries	• Private • Public Private Partnerships
Eligible Projects Criteria	• Technology – predominantly renewable energy generation • Size – varies (from off-grid to utility-scale) • Geography – Sub-Saharan Africa - LDC, OLIC, Fragile and Conflict-affected States (FCS) • Co-development – working with a lead developer • Additionality – InfraCo Africa cannot displace private sector financing and looks to fund projects that are pioneering (first of a kind) or replicable
Project Funding Range	• US$1 million to US$15 million (depending on project structure)
Application Processing Timelines	6 months (on average) to complete due diligence activities and sign a Joint Development Agreement
Application Documents	Initial contact via website: www.infracoafrica.com

Clean Technology Initiative Private Financing Advisory Network (CTI PFAN)

CTI PFAN works as an independent and free project finance advisory service to source and prepare economically viable and environmentally beneficial clean energy and climate change projects for investment. For those entrepreneurs and businesses selected, CTI PFAN provides guidance on feasibility, project structure, investment and financing, preparation of the business plan and introductions to investors.

Item	Detail
Full Name	Climate Technology Initiative Private Financing Advisory Network
Donors/Contributors	CTI, USAID, REEEP, ICETT, ECPA, IDRC, SIDA, Australia
Website	www.cti-pfan.net
Contact	www.cti-pfan.net/contact-us - Regional and global contacts
Objectives	To accelerate technology transfer and diffusion under the UNFCCC, reduce greenhouse gas emissions, promote low-carbon, sustainable economic development, and help facilitate the transition to a low-carbon economy by increasing financing opportunities for promising clean energy and climate projects.
Planned Lifespan	Established in 2006, operational until further notice
Total Funding	• Unspecified
Geography	30% of closed projects are in Africa; submissions from any African country are eligible
Products/Services	1. Investment readiness analysis 2. Free coaching on project structure, development and financing 3. Financing facilitation – sourcing of equity and debt 4. Business growth strategy 5. Capacity building
Beneficiaries	• Private
Eligible Projects Criteria	• Technology – any viable clean energy or climate technology including rural electrification, access to energy, productive use and adaptation technologies • Size – US$1 million to US$50 million total initial investment volume • Geography – East, West, Southern & Central Africa • Co-funding – project needs to demonstrate adequate capitalization and own resources • Ownership (country of origin) – project must be located in an African country
Project Funding Range	• Minimum – US$1 million (initial total investment volume) • Maximum – US$50 million (initial total investment volume) • Up-front services are free, a success fee is negotiated
Application Processing Timelines	• Unspecified
Application Documents	Unsolicited proposals can be submitted and there are periodic calls for proposals. Submissions must follow the format of the template found at: cti-pfan.net/resources-technology/

Sustainable Energy Fund for Africa (SEFA)

The Sustainable Energy Fund for Africa (SEFA) is a multi-donor trust fund administered by the African Development Bank (AfDB) – anchored in a commitment of US$95 million by the Governments of Denmark, the United States, the United Kingdom and Italy to support small- and medium-scale renewable energy and energy efficiency projects in Africa. This includes support to high-impact opportunities (HIO) for green mini-grids. SEFA is also aligned with the Sustainable Energy for All Initiative (SE4ALL) to support preparatory, sector planning and capacity-building activities arising out the AfDB-hosted SE4All Africa Hub.

Item	Detail	
Full Name	Sustainable Energy Fund for Africa	
Donors/Contributors	AfDB; Governments of Denmark (DANIDA); United States (USAID); United Kingdom (DfID) and Italy (Ministry for the Environment, Land and Sea)	
Website	www.afdb.org/en/topics-and-sectors/initiatives-partnerships/sustainable-energy-fund-for-africa/	
Contact	Technical Contact (Secretariat): Joch Duarte Cunha - SEFA Coordinator, Energy, Environment and Climate Change Dept. - j.cunha@afdb.org; Resource Mobilization Focal Point: Serign Cham - Principal Resource Mobilization Officer - s.cham@afdb.org	
Objectives	To support sustainable private-sector led economic growth in African countries through the efficient utilization of presently untapped clean energy resources. SEFA has been designed to operate under three financing windows: project preparation, equity investments and enabling environment support which includes a Green Mini-Grid Program.	
Planned Lifespan	Launched in 2012, operational until further notice	
Total Funding	Approximately US$95 million	
Geography	AfDB Regional member countries	
Products/Services	**Project Preparation** - Provides cost-sharing grants and technical assistance to private project developers/promoters to facilitate pre-investment activities. Grant funding targets development activities from feasibility up to financial closure for projects with total capital investments in the range of US$30 million - US$200 million. **Equity Investments** - Seeks to address the lack of access to early stage capital for small- and medium- sized projects, as well as the weak managerial and technical capability of smaller entrepreneurs and developers. **Enabling Environment** - Provides grants to support mainly public sector activities that create and improve the enabling environment for private sector investments. This includes advisories on the implementation of legal, regulatory and policy regimes that provide clear and predictable rules for project development, implementation and operation, and capacity-building activities. This component is not bound by project size limits, and includes interventions spanning the off-grid, mini-grid, and grid-connected segments.	
Beneficiaries	• Public • Private	• Public Private Partnerships
Eligible Projects Criteria	• Technology – clean energy, Energy Efficiency • Geography – AfDB countries	• Co-Funding – 30% of total pre-investment costs
Project Funding Range	• Project preparation minimum – unspecified • Project preparation maximum – US$1 million	• Project total investment minimum – US$30 million • Project total investment maximum – US$200 million
Application Processing Timelines	3 to 6 months	
Application Documents	Screening Questionnaire located at: www.afdb.org/fileadmin/uploads/afdb/Documents/Generic-Documents/Funding_requests_SEFA_-_Questionnaire.doc	

NEPAD Infrastructure Project Preparation Facility (NEPAD-IPPF)

NEPAD-IPPF funds technical or operational activities, including advisory services, studies, technical assistance, workshops and seminars that are part of the preparation of NEPAD regional infrastructure projects or programs.

Item	Detail
Full Name	NEPAD Infrastructure Project Preparation Facility
Donors/Contributors	Canada, UK, AfDB, Norway, Germany, Denmark, Spain
Website	www.nepad-ippf.org
Contact	nepad-ippf@afdb.org
Objectives	To assist infrastructure development institutions in preparing high-quality, viable regional infrastructure projects in energy, transport, Information Communication Technology (ICT) and transboundary water sectors to enable financing from public and private sources in support of the objectives of NEPAD.
Planned Lifespan	Established in 2004, became a Multi-donor Special Fund in 2005, operational until further notice.
Total Funding	Contributions between 2004 and 2012 totaled US$64.5 million. The 2011 to 2015 Strategic Business Plan required US$200 million
Geography	Regional Member Countries of AfDB
Products/Services	Grant funding
Beneficiaries	• Private • Public Private Partnerships
Eligible Projects Criteria	• Economic infrastructure sectors – transport, energy, ICT and transboundary waters • Grant size – no ceiling • Geography – AfDB regional member countries • Co-funding – 5% of total project cost • Ownership (country of origin) – regional economic communities
Project Funding Range	• Minimum – US$20,000 • Maximum – no ceiling
Application Processing Timelines	Approximately 3 months
Application Documents	www.nepad-ippf.org/apply/eligibility-criteria/

Africa Renewable Energy Fund-Project Support Facility (AREF-PSF)

The Africa Renewable Energy Fund (AREF) invests into development-stage renewable energy assets using proven technologies supported by local renewable energy legislation and commercial market drivers, and taking projects through construction and into operations. The Project Support Facility (PSF) provides financial assistance in the early development stage of AREF projects

Item	Detail	
Full Name	Africa Renewable Energy Fund – Project Support Facility	
Donors/Contributors	Fully funded by Sustainable Energy Fund for Africa (SEFA), administered by the AfDB	
Website	www.berkeley-energy.com	
Contact	Kagwe Njoroge: knjoroge@berkeley-energy.com	
Objectives	To support AREF projects, providing financial assistance in relation to development-stage activities, prior to financial close. The PSF provides matching funding to AREF investments, which are then refunded to the PSF by the project when it reaches financial close.	
Planned Lifespan	In operation since March 2014 with a planned lifespan of 10 years	
Total Funding	US$10 million from SEFA for the AREF-PSF, AREF total funding US$200 million	
Geography	Sub-Saharan Africa, excluding South Africa	
Products/Services	Eligible activities include: energy resource assessment; socio-economic and environmental studies; technical activities; legal due diligence costs; training and mentoring of local staff within co-developer organizations; down payments to OEM/EPC contractors subject to PSF procedure manual selection processes; travel expenses not exceeding 5% of total PSF amount.	
Beneficiaries	• Private	
Eligible Projects Criteria	• Technology – hydro, geothermal, wind, solar PV • Size – 5 to 50 MW	• Co-Funding – grant 100% • Geography – Sub-Saharan Africa, excluding South Africa
Project Funding Range	• Grant minimum – no minimum • Grant maximum – 20% of PSF	• Project minimum – no minimum • Project maximum – US$80 million
Project Development Phases Supported	• Concept • Pre-feasibility	• Feasibility • Project development
Application Processing Timelines	Subject to SEFA and AfDB processes and specific to each type of application	
Application Documents	AREF team has access to all the required documentation	

Seed Capital Assistance Facility Phase 2 (SCAF II)

Structured as a new type of public-private engagement modality, the Seed Capital Assistance Facility (SCAF) co-finances – with private equity (PE) and venture capital (VC) fund managers, and project development companies (DevCos) – the development of new investment vehicles and, once operational, the origination, development and seed financing of early stage low-carbon projects. SCAF II is a UNEP project, falling under the Energy, Climate, and Technology Branch.

Item	Detail
Full Name	Seed Capital Assistance Facility – Phase 2
Donors/Contributors	BMUB, DFID
Website	www.scaf-energy.org - reflects Phase 1 information. The Phase 2 site is under development.
Contact	Martin Cremer, SCAF II Agent: m.cremer@fs.de
Objectives	Development of low-carbon projects
Planned Lifespan	Phase 2 was launched in 2014 and will be operational until 2022
Total Funding	Unspecified
Geography	Sub-Saharan Africa, including South Africa
Products/Services	3. Support Line 0 (SL0) – Supports first-time fund managers that have secured a reputable anchor investor in achieving financial close. 4. Support Line 1 (SL1) – Supports PE/VC funds and DevCos in increasing their project pipeline while at the same time delivering capacity building at the local developer level. 5. Support Line 2 (SL2) – Co-finances alongside PE/VC funds and DevCos the development costs of getting seeded projects to full financial close. 6. Reimbursable grants under SL0 & SL2. 7. Grants under SL1.
Beneficiaries	• Private
Eligible Projects Criteria	Eligible partners include low carbon focused private equity and venture capital funds, as well as certain types of project development companies. • Technology – renewable energy (RE) generation, energy system efficiency, RE equipment efficiency • Size – hydro less than 25 MW • Geography – unknown • Co-Funding – 50% • Ownership (country of origin) – unrestricted
Project Funding Range	• Minimum – SL0 - US$300,000; SL1 and SL2 - US$2 million • Maximum – SL0 - US$500,000; SL1 and SL2 - US$2.5 million
Application Processing Timelines	Unspecified
Application Documents	Available from SCAF II Agent