



Conferência Internacional
Energia Sustentável
na Guiné-Bissau
Guinea-Bissau Sustainable Energy
International Conference

6-7 December 2019 / BISSAU
Hotel Leijer House

Apresentação do Fundo Africano para Energias Renováveis (SEFA)

Presentation of the Sustainable Energy
Fund for Africa (SEFA):



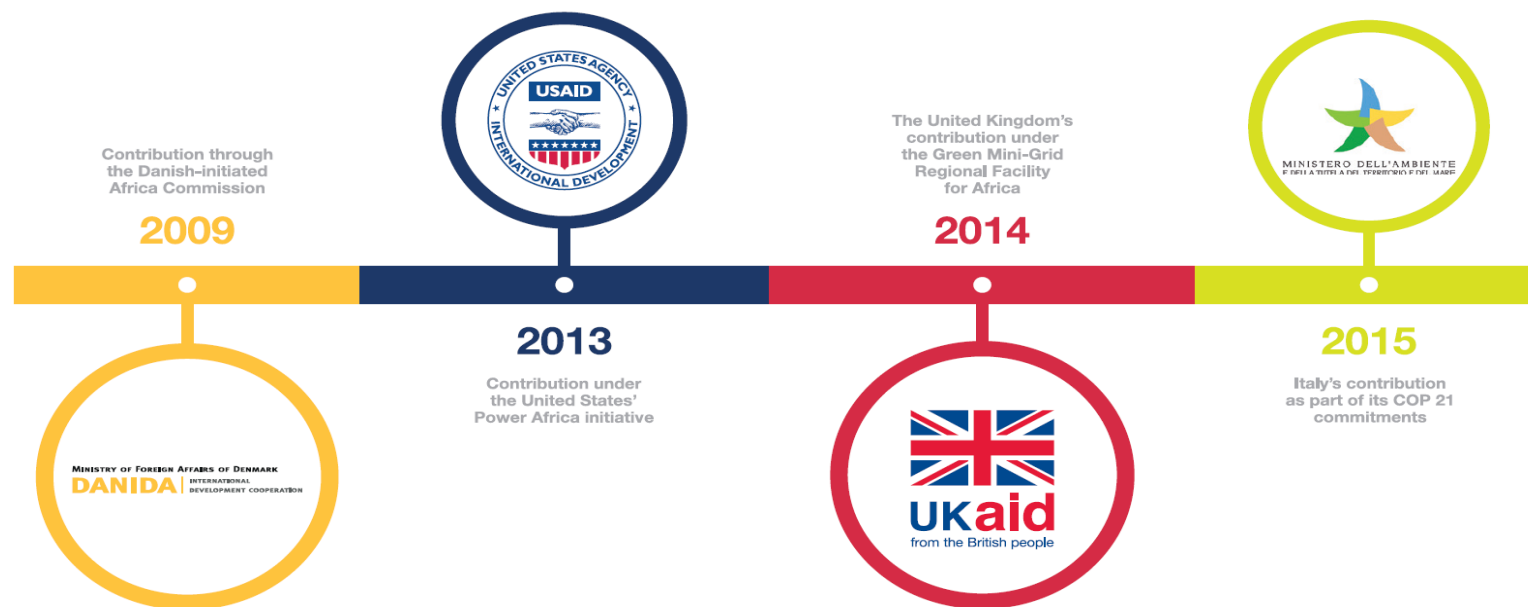
Thomas Micholitsch
Banco Africano de Desenvolvimento
African Development Bank



Sustainable Energy Fund for Africa (SEFA)



SEFA is a Multi-Donor Trust Fund embedded into AfDB. It seeks to promote energy access and local economic development by unlocking investments in small and medium-scale renewable energy and energy Efficiency (RE/EE) projects. Financing options available through SEFA include project preparation grants, equity investments and enabling environment grants.



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	I-PROJECT PREPARATION GRANTS	II-EQUITY INVESTMENTS	III-ENABLING ENVIRONMENT GRANTS
SCOPE	Activities from feasibility to financial close	Seed and growth capital for RE projects	Technical assistance and capacity building
ELIGIBLE PROJECTS	Private and PPP projects in Africa with expected project cost between USD 30-200 million (only clean technologies)	Private projects in Sub-Saharan Africa with expected project cost between USD 10-80 million (only mature technologies)	Public sector enabling environment projects (on-grid and mini-grid)
ELIGIBLE ACTIVITIES	Including, but not limited to: feasibility studies, ESIA's, engineering studies, transaction advisory and due diligence for lenders	not applicable	Strategy, legal, policy and regulatory activities; advisory and training; market development; and knowledge generation; tender preparation
FINANCING INSTRUMENT	Grants of up to USD 1 million to project developers or sponsors	Equity capital tickets between USD 10-30 million in project companies	Grants of up to USD 1 million to public sector institutions

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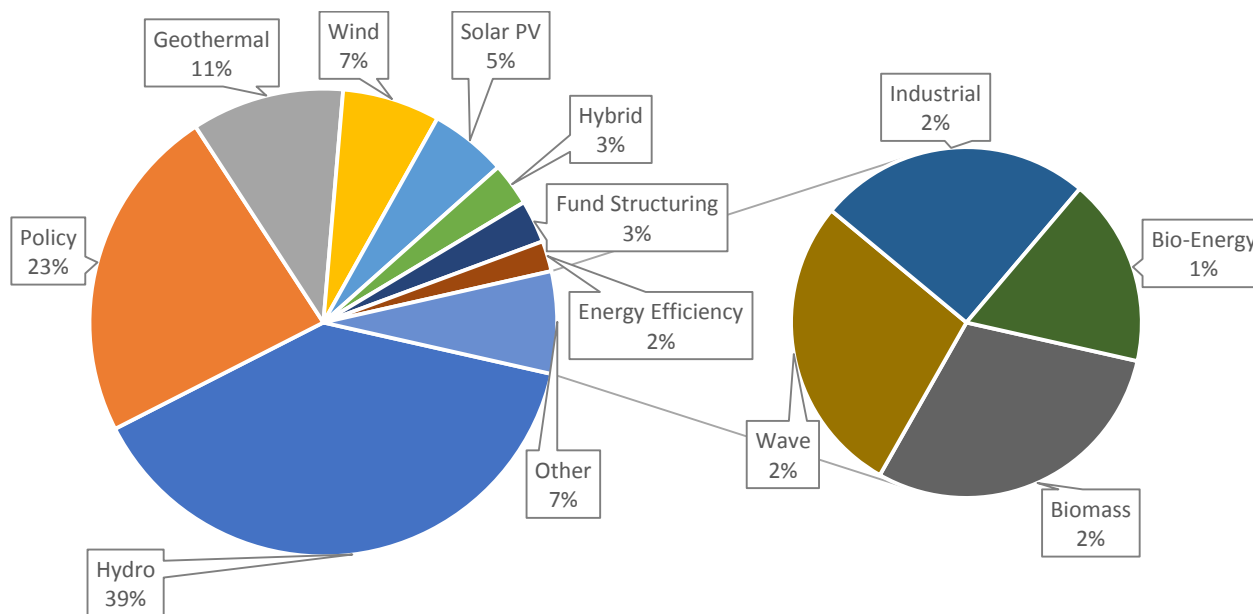
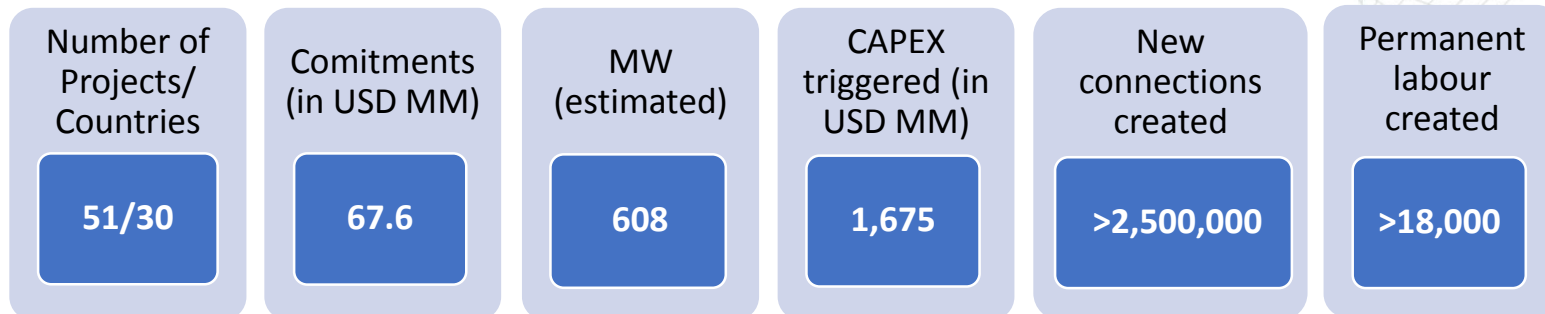




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SEFA Projects & Commitments (cumulative)



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SEFA Project Preparation Grants (examples)

Project Name	Country	Technology	MW	CAPEX (USD m)	SEFA Grant (USD)
Nosy Be	Madagascar	Hybrid	8	35	987,000
Lake Assal	Djibouti	Geothermal	20	75	1,800,000
Green Energy & Biofuels	Nigeria	Bio-Energy	-	67	580,000
Dventus Technologies	Ethiopia	Industrial	-	32	842,000
JCM Greenquest	Cameroon	Solar PV	72	130	777,000
Jumeme RPS (mini-grid)	Tanzania	Solar PV	5	22	420,000
Starsol	Chad	Solar PV	40	80	770,000
Saltinho HPP	Guinea-Bissau	Hydro	40	83	980,000
Wave2O Desalination	Cabo Verde	Wave	-	40	930,000
Earth Energy	Uganda	Biomass	20	130	993,000
Mutunguru	Kenya	Hydro	8	18	992,000
Off-Grid Energy Access Fund	Multinational	Multi	184	100	400,000
Oxygen Rooftop	Zimbabwe	Solar	20	32	965,000
Nord-Kivu HPP	DR Congo	Hydro	12	64	985,500
Neo 1 Mafeteng	Lesotho	Solar	20	30	695,500
eThala Biomass	South Africa	Biomass	27	90	990,000
Kabira WTE	Kenya	Waste to Energy	12	65	980,000
eleQtra Namaacha	Mozambique	Wind	60	60	985,000

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SEFA Enabling Environment Grants (examples)

Project Name	Country	SEFA Grant (USD)
Renewable Energy Promotion (PAPERM)	Mali	530,000
Energy Sector Support	Comoros	480,000
Renewable Energy Promotion	Mozambique	740,000
GMG Market Development Programme (Phase I)	Multinational	1,000,000
GMG Support Programme	Rwanda	840,000
Power Sector Master Plan	Burundi	630,000
Programme for Risk Mitigation in Sustainable Energy	Multinational	700,000
GMG Support Programme	Niger	994,270
RE Investment Facility	Tanzania	870,000
GMG Support Programme	Gambia	995,000
GMG Market Development Programme (Phase II)	Multinational	3,000,000
CIZO Off Grid Pilot Programme	Togo	975,000
GMG Support Programme	Burkina Faso	983,000
GMG Support Programme	DR Congo	998,000

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SEFA Portfolio Project Examples

1) UGANDA BIOMASS GASIFICATION PROJECT (20 MW, 130 Mio. USD CAPEX)

- AfDB's very first biomass project - environmentally friendly gasification technology
- 5,000 female peasants under contract for 24/7 supply of rice husks & groundnut shells
- No project-attributable CO₂ transport emissions
- Role of SEFA: 1.5 Mio. USD in Project Preparation Costs and Transaction Advisory



Female peasant
contracted to project



SEFA Project's
Pilot Biomass Gasifier

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SEFA Portfolio Project Examples

2) RÉPUBLIQUE DÉMOCRATIQUE DU CONGO – DEUX CENTRALES HYDROELECTRIQUES (12 MW, 64 Mio. USD CAPEX)

- AfDB's very first energy project in civil war ridden Province Kivu-Nord of Democratic Republic of Congo
- Very first grid electrification of towns Butembo und Beni with 1 million inhabitants
- Massive support of local SMEs led by women
- Role of SEFA: 1.5 Mio. USD in Project Preparation Costs and Transaction Advisory

Female entrepreneur and owner of an IT school in Butembo, to be connected to grid by the SEFA Project



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SEFA Portfolio Project Examples

3) SÃO TOMÉ E PRÍNCIPE – PROGRAMA DE REABILITAÇÃO DE CENTRAIS MINI-HIDRICAS

- Capacity Building and Institution Building for Ministries, Regulator and Utility
- Selected 4 small hydro power sites out of around 30 potential sites (3 on São Tomé Island and 1 on Príncipe Island)
- Mobilized SEFA funds to elaborate investment packages and conduct public procurement tenders for EPC of these sites
- Role of SEFA: linkage of comprehensive public Enabling Environment Grants with covering Project Preparation Costs for private sector

Hydro power site to be rehabilitated under the SEFA Project:
Rio Papagaio HPP on Príncipe Island; shattered weir



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SEFA já está envolvido em todos os cinco países lusófonos em África. Gostaríamos de colaborar com o Governo de Guiné-Bissau para acordar mutuamente num novo projeto de « ambiente propício ».

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Em caso de alguma dúvida,
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