



Workshop de Investimento

**Energia Sustentável
na Guiné-Bissau**

Guinea Bissau Sustainable
Energy Investment Workshop



Facilidade da CEDEAO para Energias Renováveis (EREF) e Projeto Regional de Electrificação Fora da Rede (ROGEP)

ECOWAS Renewable Energy Facility
(EREF) and Off-grid Rural Electrification
Programme (ROGEP)



Eder Semedo

ECREEE



Regional Off-Grid Electrification Project ROGEP

Implemented by:



Funded by:



WORLD BANK GROUP



WWW.ECREEE.ORG

ROGEP is implemented in the framework of ECOWAS Program on Access to Sustainable Electricity Services (EPASES)

Policy
Support

Capacity
develop
ment

Informati
on and
Knowled
ge

Project
Develop
ment and
financing

Clean energy mini-grids

Productive Uses of Elect

Stand-alone systems

ROGEP

More info:

<http://www.ecreee.org/project/epases-ecowas-programme-access-sustainable>



ROGEP aims to support the efforts of West Africa and Sahel countries to accelerate the deployment of pico-PV (<10W), SHS and standalone PV systems for rural public services and productive uses



- 15 ECOWAS countries + Chad, Central Africa Republic, Mauritania, Cameroon

The 19 Countries are grouped into 4 areas:

- **Area 1** (*Burkina Faso, the Gambia ; Guinea, Mali, Mauritania and Senegal*) ;
- **Area2** (*Benin, Côte D'Ivoire, Ghana, Liberia, Sierra Leone and Togo*)
- **Area3** (*Niger, Nigeria, Cameroon, CAR and Chad*)
- **Area4** (*Cabo Verde and Guinea Bissau*)

The first phase of ROGEP will have an overall budget of approx. 200M\$ over the period 04/17- 08/22



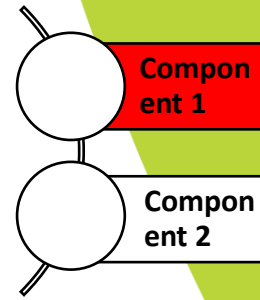
Component 1: Support public and private sector for the improvement of the enabling environment for private investment

**~ 50
M\$**

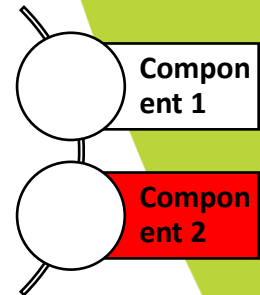
Component 2: Facilitate access to finance to service providers to electrify Households and Commercial Enterprises through a financial intermediary

**~ 150
M\$**

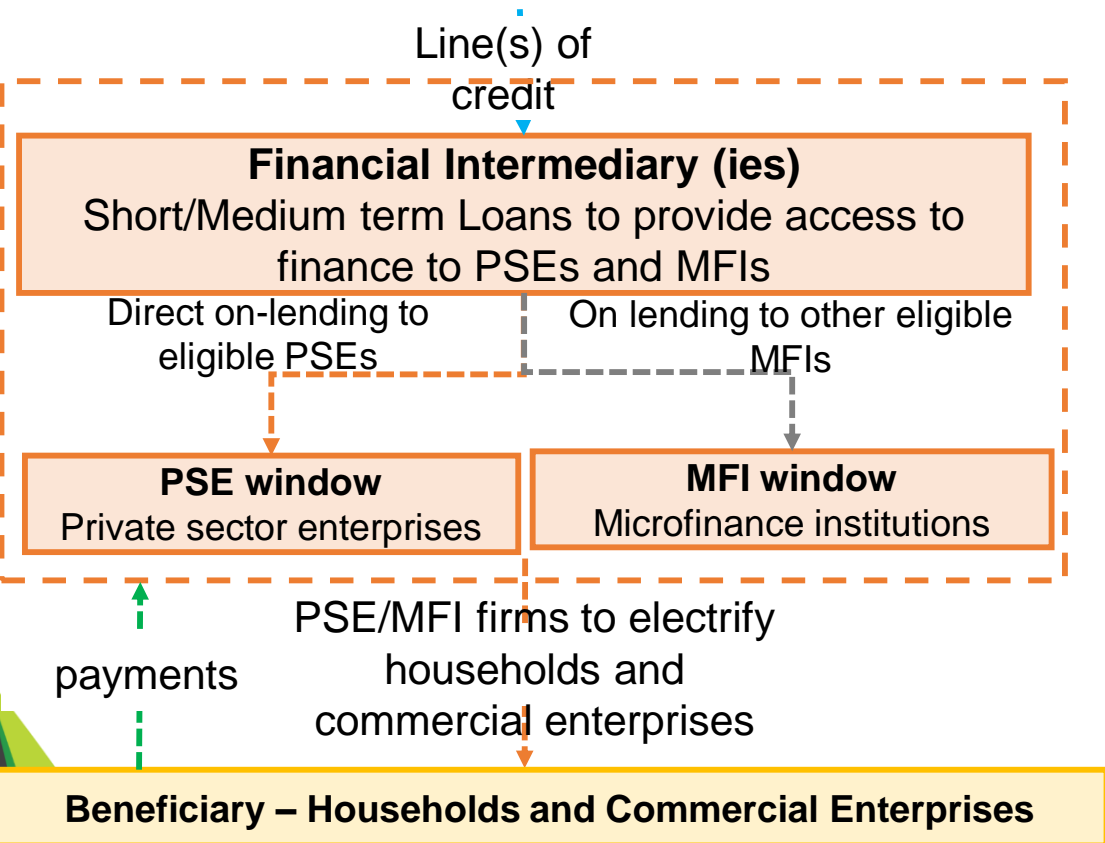
Component 1's goal is to support the improvement of conditions for investment and attract local and international companies to the business in a harmonized regional market



- Regional market harmonization i.e. Technical standards, trade conditions and import duties
- Promote quality of installations by collaborating with the ECOWAS certification scheme for PV installers
- Improvement of national policy and regulatory framework and its operationalization (if needed) i.e. National standards, custom regulations, etc.
- Strengthen the capacities of local SMEs through the ECOWAS RE entrepreneurs mentorship facility and in collaboration with the regional association of solar professionals
- Communication campaign for potential costumers and consumers education
- Promotion of dialogue among private and public sector and finance institutions
- Attract the attention of international promoters and investors i.e. International conferences in the region, partnership with international associations (GOGLA, ARE)
- Facilitate access to information through www.ecowrex.org



Component 2 wants to promote the flow of finance to private sector for “West Africa Business As Usual customers” i.e. households, small businesses



- **Capacity building and technical assistance to financial intermediaries**
- **Promotion of competitiveness of local companies through ECOWAS RE entrepreneurship mentorship facility**
- **Only quality products will be financed**

Guinea Bissau

- **Entrepreneurship Training: Dakar & Abuja (August 2017)**
- **1st Regional Workshop: Dakar (October 2017)**
- **Country Data Collection**
- **National Workshop: Bissau, (November 29th 2017)**
- **Market Assessment: Bissau (May to August 2018)**
- **2nd Regional Workshop: Accra (26-27 June 2018)**
- **Entrepreneurship Training: Accra (20-25 June 2018)**



EREF Guiné-Bissau

- Component of **GEF Project Promoting investments in small to medium scale renewable energy technologies in the electricity sector of Guinea Bissau, implemented by UNIDO**
- Strategic partnership between ECREEE and UNIDO
- Building on ECREEE experience in co-financing small to medium clean energy projects in West Africa
- Major goal: to lead to the installation of up to 400 kW capacity in RE in Guinea-Bissau (priority to rural and peri-urban areas)
- Eligible applicants: projects executed by local companies, non-profits or public institutions
- 400,000 USD available
- Max. 40% co-funding
- Facility opened in 2017



ORGANIZAÇÃO:





EREF Guiné-Bissau

- 12 proposals submitted
 - Seven rural electrification projects
 - One cogeneration project (biomass / industry)
 - Two agriculture projects (irrigation)
 - One tourism greening project (hotels)
 - One grid extension project
- 4 shortlisted projects: advanced contract negotiations
- Potential to install and/or connect to the grid 518 kWp (solar PV) in total
- Total investment: ca. 1,000,000 USD ie. 1,930 USD/kWp
- Implementation plan: June 2018 to March 2019

ORGANIZAÇÃO:



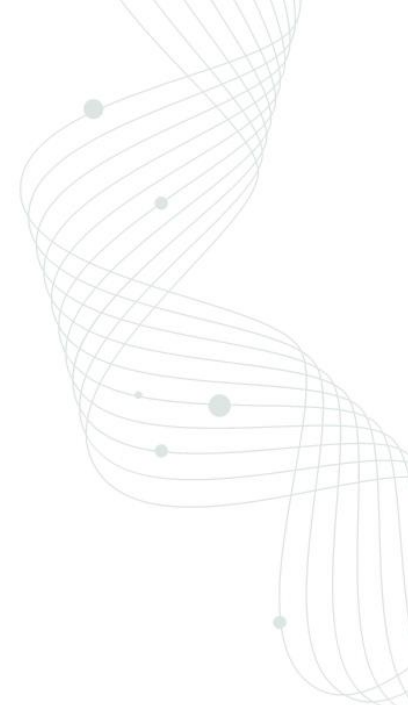
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EREF 3 – Future Opportunities for Guinea-Bissau

- ECREEE is an advanced negotiations to launch the 3rd edition of the regional EREF window
- EREF 3 will be open to clean energy mini-grids in all 15 ECOWAS Member States. Expansion of existing mini-grids are also eligible
- Focus on ability to raise equity finance or debt (commercially viable CEMGs)
- Stay tuned for updates on ECREEE website!

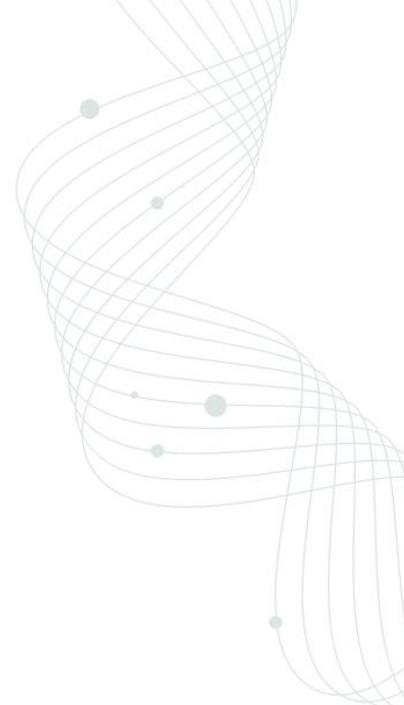


ORGANIZAÇÃO:



APOIO:





Obrigado!
Thank you!
Merci!

ORGANIZAÇÃO:



APOIO:

