



Workshop de Investimento

**Energia Sustentável
na Guiné-Bissau**

Guinea Bissau Sustainable
Energy Investment Workshop



Guinea-Bissau Sustainable Energy International Conference

Presentation of Mini-grids of
Bissora, Canchungo & Gabu



Mouhamed DIOP

Director of projects

SABER-ABREC

SABER/ABREC

WHO ARE WE?

An institution dedicated to the promotion of Renewable Energies and Energy Efficiency in sub-Saharan Africa,



Société Africaine des Biocarburants et des Energies Renouvelables
African Biofuel & Renewable Energy Company
Sociedade Africana dos Biocarburantes e das Energias Renováveis

- ✓ Founded in 2009 by an alliance of states and major West African Financial Institutions
- VISION: Universal access to energy for African population through renewable energies

Independent advice to the public and private sectors

FOUNDING STATES



FOUNDING INSTITUTIONS



SABER/ABREC

CORE SKILLS



CONCEPTION

- Advice to States and Institutions in the conception of public programs,
- Elaboration of public programs
- Realization of feasibility studies



DEVELOPPEMENT

- Relationship Management with state authorities
- Management of administrative authorizations
- Validation of the different stages of project development



MOD

- Elaboration of public tender documents
- Selection of companies
- Follow-up on the execution of works
- Technical reception of installations



STRUCTURED FINANCE

- Investment advice
- Private equity
- Capital allocation
- Structuring and Mobilization of Debt
- Asset Management

SABER/ABREC

SABER/ABREC EXPERTISE



Société Africaine des Biocarburants et des Énergies Renouvelables
African Biofuel & Renewable Energy Company
Sociedade Africana dos Biocarburantes e das Energias Renováveis

PROJECT DEVELOPMENT, DELEGATED PROJECT MANAGEMENT, STRUCTURED FINANCE FOR RENEWABLE ENERGY PROJECTS IN SUB-SAHARAN AFRICA

SABER-ABREC

As a pan-African institution, SABER-ABREC has a leading exposure to decision makers from all over West Africa and beyond. This concerns both government entities and regional funders.

Indeed, the Institution is in direct contact with its founders who are also working partners.



- A team of 20 people dedicated to the promotion and realization of renewable energy projects in Africa.
- Current projects in 8 countries, € 400 million committed

GABU MINI-GRIDS

Current Situation

Diesel Power Plant working, Mini Grid
Operating by direction of energy



ORGANIZAÇÃO:



APOIO:





CANCHUNGO MINI-GRID

Current Situation

Diesel Power Plant covering small part
of the city, Mini-Grid
Operating by a private Energy operator



ORGANIZAÇÃO:



APOIO:





BISSORA MINI-GRID

Capacity

- PV plant: 500 kWp
- DG: 110 kVA
- Storage: kWh
- MV grid: 30kV – 1,2 kms
- LV grid: 0,4kV – 5 kms
- 3 H61 – 160kVA



ORGANIZAÇÃO:



APOIO:





BISSORA MINI-GRID

Partners & ABREC rôle

- Finances: WAEMU (donation: 3,1 M eur)
- Delegated project mg: ABREC
- Owner: Ministry of energy
- UNIDO
- Completion date: March 18
- Sign-off: Dec 18



SOCIÉTÉ AFRICAINE DES BIOCARBURANTS
ET DES ÉNERGIES RENOUVELABLES
AFRICAN BIOFUEL & RENEWABLE ENERGY COMPANY
SOCIEDADE AFRICANA DOS BIOCARBURANTES E DAS ENERGIAS RENOVÁVEIS



ORGANIZAÇÃO:



APOIO:

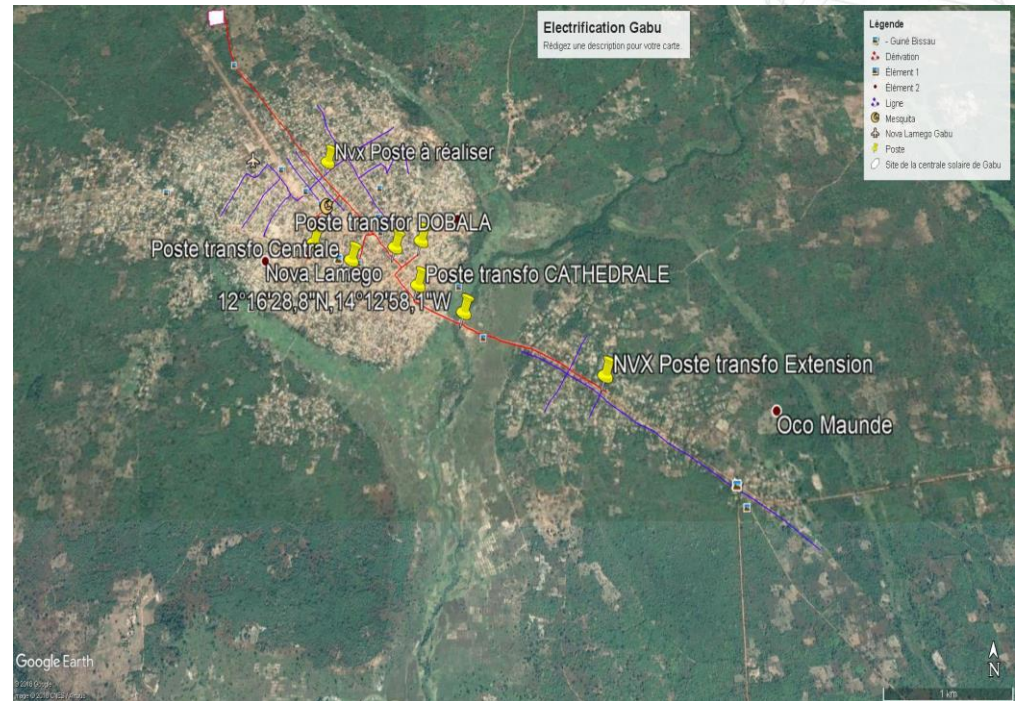




MINI-GRIDS OF CANCHUNGO & GABU

Capacity

- PV plant: 1 MWp
- 2DG: 500 kW
- Storage: 6MWH
- Inverters 15 à 25kVA
- 1 transf 1000kVA
- 6 H61- 50 / 160kVA
- 4,7kms MV grid
- 19kms LV grid



ORGANIZAÇÃO:



APOIO:





MINI-GRIDS OF CANCHUNGO & GABU

Partners & timeline

- Finances: BOAD (41M eur)
- Delegated project mg: ABREC
- Owner: Ministry of energy
- Call for tender (EPC): Dec 18 – feb 19
- Kick-off: April 19
- Completion: Sept 20



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