Guinea-Bissau Sustainable Energy International Conference

Presentation of Mini-grids of Bissora, Canchungo & Gabu

Mouhamed DIOP
Director of projects
SABER-ABREC
WHO ARE WE?
An institution dedicated to the promotion of Renewable Energies and Energy Efficiency in sub-Saharan Africa,

- 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

**Développement**
- 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

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
CANCHUNGOL MINI-GRID
Current Situation

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