



## Country

Guinea

## Client

Bureau for Decentralized Rural Electrification (BRDE)

## Date

2004-2007

## Sogreah services

- ▶ Technical assistance (in association with Régie. Inc)

## Background

The Guinea wishes to expand the access to electricity in the rural and suburban areas by means. In order to achieve this aim, the Rural Electrification National Program was initiated by the Bureau for Decentralized Rural Electrification (BRDE) following these aims :

- Mobilization of private investments for projects offering electricity services to the rural communities;
- Setting-up of decentralized electrification schemes at affordable cost for the village communities;

- Setting-up of a sustainable funding mechanism and technical support structures;
- Promotion of renewable energy technologies where feasible.

## Description

In order to bring this project to fruition, the Bureau for Decentralized Rural Electrification (BRDE) of Guinea wanted to receive technical assistance (funded by the World Bank).

This technical assistance's aim was to reinforce the BRDE skills in global project implementation and management by helping

it carry out its fundamental assignments: to inform, train, support the mounting DRE operations, monitoring and control of these operations and FERD monitoring.

Three technologies are used to implement this program:

- Dissemination of photovoltaic solar home systems;
- Micro hydroelectric plant in conjunction with a mini distribution network;
- Diesel power station in conjunction with a mini distribution network.



The consortium Régie / Sogreah-SERT has been selected to be the technical assistant to the BRDE : one long term expert (2 years) and several short term missions.

The technical assistance helped the BRDE carry out its assignments. Its activities are closely related to the following responsibilities of the BRDE:

#### **Information**

- Information campaigns on the new institutional framework of DRE and on the technical and financial supports available for private operators of DRE in Guinea.
- Creation of a data base concerning the DRE in Guinea.

#### **Institutional analysis**

- Institutional and legal analysis of the DRE context in Guinea (authoring of recommendations to "legalize" the DRE sector in Guinea).

#### **Training**

- The training actions organized by the technical assistance mainly focused on the reinforcement of the DRE skills of all the partners (experts of the Bureau for Decentralized Rural Electrification, DRE operators, design and control offices, Commercial Bank officers, Institution for Micro Finance officers involved in the management of the FERD).

#### **Backing up the mounting of DRE operations**

- Studies and elaboration of business-plans for the 4 pilot operations of DRE demonstration.

#### **Monitoring and control of the DRE operations**

- Feasibility studies, writing of call for tenders and technical specifications, monitoring and final acceptance of works.

#### **Supervision of the FERD management**