

GUINEA

Title: Lokoua Hydro power plant project

Amount: 130k€

Category: See4All On-grid TA

Request from: Guinea Ministry of Energy

Context

The purpose of the project is to balance production and access to electricity over the entire territory of Guinea and in particular in Forest Guinea. It is co-funded by the European Union through the EU-Africa Infrastructure Trust Fund (AITF). The project is part of the Renewable Energy in Africa Initiative (AREI). It should contribute to the development of renewable energies in Africa.

The project consists in financing the construction of the Lokoua dam in Guinea Forestière. This dam, 14 m high and 200 m long, will have a power of 9 MW and will produce on average 40.6 GWh per year, of which 30.5 GWh are guaranteed. This project follows an integrated approach, acting on the whole chain, from production to access through the transport of electricity, the construction and extension of distribution networks as well as the acquisition and installation of meters. for 25,000 households both in rural areas (primarily 11 villages) and in the city of N'Zerekoré.

Technical assistance

Main objectives of the construction of this hydropower plant was to:

- the increase of renewable production capacities;
- secure connection to the electricity network of populations in rural and urban areas; and
- support for capacity-building for agents in the Guinean electricity sector, particularly with regard to the operation of hydroelectric power stations.

Via SE4ALL, AFD conducted the environmental (E&S) and social study for this project

Status & impacts

The E&S studies revealed threats for the environment and the project preparation was thus stopped.

Final report available on request.