

NIGERIA

IMPLEMENTING THE "ACCESS TO ENERGY" AGENDA: OPPORTUNITY STUDY FOR A PUBLIC SECTOR INTERVENTION



**AFRICA
RENEWABLE
ENERGY
SCALE UP**



DATES

2020



MONTANT

196 k€



REQUÊTE DE

Federal Government
of Nigeria



STATUT

Finalized

With the objective of increasing global electricity access as well as renewable energy share, Nigerian government has requested an opportunity study in order to support the implementation of a sustainable "access program"



BACKGROUND

Today, less than 60% of the Nigerian population has access to electricity. However, this global rate is hiding large discrepancies between urban areas (86%) and rural areas (41%).

Nigerian government is thus willing to increase general access to electricity up to 90% by 2030, reaching at least 10% of renewable energy of the total mix by 2025.

In that context, there is a need to explore a potential public intervention which will aim at supporting the implementation of a sustainable "access program".

This program should encompass the existing Nigerian Electricity Regulatory Commission (NERC) regulatory framework, Rural Electrification Agency (REA) strategy and Rural Electrification Fund (REF) guidelines. It will target as a priority underserved and non-connected zones. Technically, it will consist in developing mini-grids under distribution companies (DISCOS) catchment areas using renewable power generation sources.



NEXT STEPS/ IMPACTS

Following to a first analysis of the public sector business models and a selection of potentially interested DISCOS and other public actors, the study shall lead AFD to consider financing a green mini-grid program as well as



TECHNICAL ASSISTANCE

The objectives of this assignment are to:

- Benchmark potential business models led by public sector which could help: (1) improving electricity access in Informal Settlements in Peri-urban Areas (ISPUAS) and Difficult to Manage Rural Areas (DMRAs); (2) increasing electricity supply from renewable energy;
- Identify and benchmark potential DISCOS and governmental tiers (states, local governments, others) which would be ready to partner with Agence française de développement (AFD) for implementing selected business model;
- Analyze the main characteristics of the considered areas (details on the communities, potential size of the population and demand) of in order to further facilitate dialogue between AFD, REA, REF and DISCOS candidates;
- Advise on the opportunity for AFD to finance a green mini-grid program as well as a public led photovoltaic program and related designs.

a public led photovoltaic program. At this time no tangible outcomes have been resulted.

Final report available on request.



Cofinancé par l'Union européenne et
l'Agence Française de Développement

Une facilité pour développer des projets innovants dans les énergies renouvelables et stimuler l'électrification sur le continent africain.

Le groupe AFD, avec le soutien de l'union européenne, a mis en place la facilité « African Renewable Energy Scale-Up facility » (ARE Scale up) pour stimuler les investissements du secteur privé dans la production d'énergie renouvelable tant sur le réseau que hors réseau en Afrique.

Cette publication a été réalisée avec le soutien financier de l'Union européenne. Son contenu relève de la seule responsabilité de l'AFD et ne reflète pas nécessairement la vision de l'Union européenne