



## TERMS OF REFERENCE RECRUITMENT OF AN INDIVIDUAL CONSULTANT – MONITORING AND EVALUATION (M&E) SPECIALIST

### Support to Component 2

**Project:** Regional Off-Grid Electricity Access Project –

Additional Financing (ROGEAP)

**Title:** Monitoring and Evaluation (M&E) Consultant – BOAD

**Type of Contract:** Individual Consultant Contract

**Duty Station:** Lomé, Togo or Abuja, Nigeria and/or home-based (with field missions)

**Duration of Assignment:** For the remaining duration of the Project

#### 1. Background

The Regional Off-Grid Electricity Access Project (ROGEAP) aims to increase access to sustainable electricity services in the twelve ECOWAS Member States and seven additional countries (namely Burkina Faso, Mali, Niger, Cameroon, Chad, Mauritania and the Central African Republic) for households, businesses and, in some cases, public health and education facilities under a pilot program.

While Sub-Saharan Africa faces a significant lack of access to reliable electricity services, the deficit is more pronounced in West and Central Africa, particularly in countries such as the Central African Republic (CAR), Chad, Guinea-Bissau, Liberia, Niger and Sierra Leone. In addition, household access to electricity varies considerably between urban and rural areas. Out of a population of 406 million people across the 19 project countries, an estimated 208 million people lack access to electricity, approximately 70% of whom live in rural areas.

Based on the 2018 off-grid market assessment, the average rural electrification rate stood at around 18%, while in eight countries—Burkina Faso, Chad, CAR, Guinea, Guinea-Bissau, Liberia, Mauritania and Niger—it is below 5%. Improving access to energy, particularly for marginalized and vulnerable groups and lagging regions, is essential to achieving sustainable and inclusive development and reducing poverty.

Standalone solar systems represent a significant potential market in West and Central Africa. Currently, less than 3% of the region is served by standalone solar systems, representing approximately 5 million consumers. The 2018 market assessment identified that around 31 million households could be electrified using standalone solar systems in West and Central Africa, with an estimated market value of USD 6.6 billion. It also identified approximately 800,000 education and health facilities that could be electrified with standalone solar systems, with an estimated investment of USD 1.5 billion.

The adoption of standalone solar systems in the region faces several supply-side barriers, including fragmented markets, inadequate policy and regulatory environments, lack of support ecosystems for the solar industry, limited access to finance, and insufficient information on demand and customer segments. Moreover, the region has not significantly benefited from innovative photovoltaic (PV) technologies and business models such as Pay-As-You-Go (PAYGO), compared to East Africa.

Promoting electrification through standalone solar systems requires a harmonized regional approach aimed at creating a business-friendly ecosystem to attract private sector investment to provide decentralized electricity access to off-grid populations, including women-headed households. World Bank–financed projects in the Africa region with standalone solar components have adopted a market-based, private-sector-led approach to expanding electricity access.

The Project comprises two main components:

- **Component 1**, implemented by ECOWAS, focuses on developing a regional market by establishing a favorable business environment and providing technical and financial capacity-building support to solar entrepreneurs in the 19 project countries.
- **Component 2**, implemented by the West African Development Bank (BOAD), aims to facilitate access to financing for standalone solar system companies through a credit line and the establishment of a guarantee mechanism for eligible National Financial Institutions (IFNs) in eight WAEMU member countries.

To support the implementation of Component 2, particularly the monitoring and evaluation of credit lines and direct loans deployed by BOAD, the ECOWAS Commission is recruiting a Monitoring and Evaluation (M&E) Consultant to provide technical assistance.

## 2. Scope of Assignment and Responsibilities

The BOAD M&E Consultant will support BOAD in carrying out all monitoring and evaluation activities related to the Project, including:

- Working, with facilitation from BOAD, in close collaboration primarily with National Financial Institutions (IFNs) benefiting from ROGEAP credit lines, to assist them in developing appropriate mechanisms for data collection, compilation, analysis and reporting on project performance indicators.
- Reviewing M&E indicators and data collection tools used by IFNs and their partners; identifying available data sources and information flows.
- Collaborating closely with relevant stakeholders (IFNs, SMEs and BOAD) to collect, analyze and consolidate data, and to verify internal consistency and data validity across Component 2 actors.
- Providing on-the-ground mentoring and capacity-building support to stakeholders on M&E approaches and tools to strengthen their ability to implement M&E activities.

### 3. Expected Results and Deliverables

- M&E indicators and data collection tools used by IFNs and partners are reviewed; available data sources and information flows are identified.
- Reliable and consistent data on project performance indicators are collected and available for analysis and consolidation.
- Regular field visits for capacity building and mentoring on M&E approaches and tools are conducted.
- Periodic M&E reports, including indicator dashboards and updates to the project logical framework, are produced in close collaboration with the PIU.
- Coordination meeting reports on project progress are prepared.

### Key Deliverables and Timelines

PERIOD	DELIVRABLES	Duration (man-days)
First Week	Review the existing monitoring and evaluation systems and assess the following elements: i) Indicators; ii) Data collection tools and mechanisms; iii) Target values.	3 days
First month	Collect, consolidate, and analyze the consistency and validity of existing data.	20 jours
From the 3 <sup>rd</sup> month onward	Quarterly monitoring and evaluation report to inform beneficiaries on the implementation progress and achievements of Component 2 of the Project.	15 to 20 days per quarter

The M&E Consultant will work closely with BOAD's M&E team on evaluation approaches and methodologies, under the guidance and supervision of ECOWAS, and will report to the PIU (ECOWAS/BOAD) and the World Bank.

### 4. Qualifications and expérience

- At least a Master's degree (BAC +5) in a relevant field;
- Minimum of 5 years of relevant experience in monitoring and evaluation of donor-funded programs and projects, including at least one World Bank–financed project;
- Strong quantitative and qualitative skills, with proven ability to design data collection models and analyze data;
- Solid understanding of M&E concepts, tools, methods and strategies, and demonstrated experience in program/project evaluations;
- Proficiency in GIS software (ArcGIS), statistical software (Stata, R, Python) and/or data collection tools (Open Data Kit) is an asset;
- Experience in primary data collection from households and enterprises;
- Full proficiency in English and French, with excellent written and verbal communication skills.

**Note:**

- Willingness to undertake regular field visits and interact with project stakeholders / beneficiaries.
- Ability to work with minimal supervision.

**5. Duration and Location of Services**

The Consultant will be engaged for the duration of the project and subject to the availability of funds.

The Consultant must be available in accordance with the requirements set out in the table of results above. He/she will be based at BOAD in Lomé, Togo, or in Abuja, Nigeria, or at home. He/she will carry out regular missions to collect information/data from IFNs and will apply ECOWAS conditions for missions outside the workplace.