



ECREEE
Towards Sustainable Energy

Achada Santo António, ECREEE Building, 2nd Floor
Praia – Cabo Verde
(+238) 2604630
info@ecreee.org
www.ecreee.org

TERMS OF REFERENCE

CONSULTANCY ENERGY DATA EXPERT





Title: Energy Data Expert
Type of Contract: Individual Consultant
Duration: 1 year, extendable upon satisfactory performance and availability of funds
Start date: 01 July 2023

1. Background

The ECOWAS Centre for Renewable Energy and Energy Efficiency (ECREEE), based in Praia, Cape Verde, is a specialized ECOWAS agency mandated to promote an enabling environment for adopting renewable energy and energy efficiency technology in West Africa. ECREEE's activities have been focused on mitigating existing barriers hindering the deployment of Renewable Energy (RE) and Energy Efficiency (EE) technologies in the ECOWAS Region. This also includes addressing the lack of knowledge and information barriers in the energy sector.

The unavailability of reliable, up-to-date energy information poses a major obstacle for local and international financiers and investors, policymakers, and project developers in the energy sector.

In most ECOWAS countries, significant data gaps in the energy sector hinder efficient planning and project development in the energy sector. In response to this, ECREEE, in October 2012, developed the ECOWAS Renewable Energy and Energy Efficiency Observatory (ECOWREX) [<http://www.ecowrex.org/>] under the GEF Strategic Programme for West Africa, in cooperation with the United Nations Industrial Development Organization (UNIDO) and with the support of the Austrian Development Cooperation (ADC) through the Austrian Development Agency (ADA) and the Spanish Agency for International Development Cooperation (AECID). ECOWREX is a web-based platform, aimed at:

- Addressing poor data quality and information in the sphere of sustainable energy in the ECOWAS region.
- Providing decision-makers, project developers, investors and other stakeholders with tailored energy information and planning tools.

ECREEE, in partnership with UNDP is planning to revamp the platform to augment its database, analytical capabilities, and usability at regional and national levels. Furthermore, within the framework of the UNIDO Strategic Partnership for Capacity Building, ECREEE is considering the recruitment of a consultant to support the data management unit.



2. Objective and Responsibilities

The primary objective is for the Energy Data Expert to support the improvement of the data collection processes, develop regular statistics, guidance and insights for the management of ECREEE. Additionally, the expert will provide ad hoc technical support to the data collection of the Global Network of Regional Sustainable Energy Centers (GN-SEC), which is coordinated by UNIDO.

The Expert will specifically:

- a. Support the implementation of the ECREEE Strategic Plan 2023-2027;
- b. Support the improvement of the data collection strategy;
- c. Support the collection and validation of data from the ECOWAS Member States;
- d. Update data points and country energy statistics on the ECOWREX platform;
- e. Support the preparation of the annual Regional Progress Report on the implementation of the ECOWAS Sustainable Energy Policies;
- f. Deploy data mining techniques to extract timely data from government and non-government sources such as reports, studies, articles, publications, etc. for the continuous update of the ECOWREX Interactive Data Portal (country profile section) with the objective of closing data gaps;
- g. Support the revamping of the ECOWREX platform, including the review of RE/EE indicators to provide the relevant information for the ECOWREX target groups;
- h. Organize and coordinate capacity-building activities such as webinars and training workshops to assist the Member States in improving data collection and management;
- i. Support the preparation of press releases, concept notes, policy briefs, and any other documents related to ECOWREX;
- j. Support advocacy efforts by promoting the use of ECOWREX;
- k. Support fund mobilization for ECOWREX;
- l. Lead the design and implementation of the upcoming Observatory of Professions and Jobs in the RE and EE sectors;
- m. Provide ad hoc technical assistance to the GN-SEC data collection work;
- n. Support with technical insights for the establishment of a knowledge management system of the Centre for Renewable Energy and Energy Efficiency for Central Africa (CEREEAC);
- o. Ensure the visibility of the UNIDO logo, alongside the other ECREEE strategic partners and donors on the ECOWREX website.
- p. Carry out any other relevant tasks assigned by the Director of Operations and the Executive Director of ECREEE.



3. Qualifications and experience

- a. A Bachelor's degree in statistics, mathematics, computer science, engineering, energy, economics, sustainable development, or any other related field.
- b. A minimum of 5 years of experience in data collection, analysis, visualization, and usage.
- c. At least 3 years of working experience in the energy sector, including familiarity with renewable energy and energy efficiency indicators, and identifying energy data needs and developing management solutions.
- d. Experience using data analysis tools such as Excel, Tableau, Power BI, Python, STATA, etc.
- e. Experience in presenting data to various categories of users/audiences.
- f. Fluency in English or French, with working knowledge of the other. Knowledge of Portuguese is an advantage.
- g. Knowledge of Geographic Information Systems is a distinct advantage.

4. Duty Station

ECREEE Secretariat is located in Achada Santo António, Praia, Cabo Verde.

Travels within and outside the country might be required. ECREEE shall be responsible for providing return air tickets and per diem for any field missions undertaken by the consultant during the assignment, in line with ECREEE travel policy.

5. Contract Type and Duration

The consultant will be engaged full-time for 12 months. The contract is renewable, based on the consultant's performance and availability of funds.

The Energy Data Expert will work under the supervision of the Director of Operations and in close cooperation with the IT & Communication Unit and M&E Officer.

6. Consultancy Fee

The minimum remuneration consists of a monthly lump sum, net salary, starting at EUR 3,500.00. A higher remuneration could be considered, depending on the best candidate's experience and qualifications.

7. How to Apply

Applicants should submit their Cover letters and Detailed CVs, highlighting their track records of accomplishments under assignments with a similar scope and focus. A list of projects and descriptions and copies of academic qualifications and/or certificates should also be provided. Applications must be submitted to data-expert@ecreee.org, no later than 11:59 GMT on 13th June 2023. Female candidates are particularly encouraged to apply.

For clarifications/questions, please contact adeoliveira@ecreee.org and jabdulrahman@ecreee.org.



8. Note to Applicants

Please note that only shortlisted candidates will be contacted and advanced to the next stage of the selection process.

ECREEE does not charge any application, processing, training, interviewing, testing or other fee in connection with the application or recruitment process. If you have received a solicitation for the payment of a fee, please disregard it. Vacant positions within ECREEE are advertised on the official ECREEE website. Should you have any questions concerning persons or companies claiming to be recruiting on behalf of ECREEE and requesting payment of a fee, please contact: recruitment@ecreee.org.