**Terms of reference  
and technical specifications**

1. **General information**

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| **Name of the task** | Technical Advisor in Renewable Energy and Microgrid Planning |
| **Name of the project** | Euroclima Caribbean |
| **Region/Country** | Caribbean |
| **Duration and maximum number of days** | 50 working days, spread over 18 months (remotely, with possible field missions to Cuba and/or other Caribbean countries) |
| **Deadline for Submission** | July 20th, 2025 |

1. **Context and justification**
   1. **Presentation of Expertise France**

Expertise France[[1]](#footnote-1) is the French inter-ministerial agency for international technical cooperation, the second of its kind in Europe. As the technical branch of the French Development Agency (AFD) Group, Expertise France designs and implements projects that sustainably strengthen public policies in developing and emerging countries. Works in key development sectors such as governance, security, climate change, health and education. Together with its partners, it contributes to the achievement of the Sustainable Development Goals.

For more information, visit the Expertise France website:<https://www.expertisefrance.fr/en/web/guest/accueil>

* 1. **Presentation of Euroclima**

Euroclima is the European Union’s key programme that strengthens the partnership with the Latin American and Caribbean region for a sustainable and fair transition, through dialogues and actions at national and regional level.

The Programme aims to address the triple global crisis of climate change, biodiversity loss and pollution by catalysing transformation through key initiatives in priority sectors and facilitating green financing and investment. In this way, it seeks to enable both regions to work together to achieve the profound change needed to address these crises.

By strengthening the enabling environment, catalysing key initiatives in priority sectors and facilitating access to and mobilization of climate and green investment and financing, the European Union (EU) and the countries of Latin America and the Caribbean (LAC) are laying the groundwork for the profound transformation needed to collaborate and address the immediate and existential threats we face.

As part of Euroclima, and in alignment with the Global Gateway Investment Agenda (GGIA), Expertise France is supporting the formulation and implementation of regional and national actions on climate change mitigation and adaptation in the Caribbean. One of the key priority areas identified relates to the energy transition, including renewable energy access in remote areas and support to national capacity in renewable energy (particularly, solar and wind but also marine energies) development.

This energy focus is particularly advanced in Cuba, where national stakeholders and the EU Delegation have jointly prioritized this sector, and particularly:

* Support to the development of wind energy.
* Design and implementation of a micro-grid in an isolated area to promote decentralized and resilient energy access.

However, similar support is envisaged (or under discussion) in other countries of the Caribbean, where renewable energy access and transition remain central to national climate strategies. This work also aims to identify and leverage European investment opportunities to scale up sustainable energy solutions across the region.

1. **Objectives and expected results**

The objective of this assignment is to provide technical assistance to Expertise France in the development, structuring, and monitoring of investment strategies and energy transition actions, through a flexible and demand-based support device (purchase orders).

More particularly, EF seeks to recruit a technical expert to produce diagnostics, stakeholder coordination, identify potential technical and financial partners, assist in the preparation of technical specifications, procurement processes, quality control of deliverables, and knowledge capitalization, with a primary focus on Cuba but may also be mobilized in other Caribbean countries as needed.

1. **Description of the mission**
   1. **Possible tasks**

The expert will work under the direct supervision of the Expertise France’s team based in Fort de France, Martinique. The expert will support the EF team involved in the definition, implementation and monitoring of actions identified in the renewable energy sector in the Caribbean. The expert will carry out the following activities (to be specified in each purchase order):

1. Assess opportunities in the field of renewable energy, electricity grids and energy storage in selected Caribbean countries (e.g. regulatory preparation, policy frameworks, institutional capacities).
   1. Analyze the country context and identify the needs of beneficiaries: collect relevant information, conduct a desk review of relevant texts,
   2. Produce analytical reports, diagnostics, concept notes, and identify potential partnerships.
2. Contribute to the identification of support needs/requirements of national partners related to renewable energy and to the optimization of the national system:
   1. Identify and pre-select viable project ideas for climate or energy financing, with high environmental and social impact.
3. Support the design of project actions in topics such asfor example solar energy, wind energy, smart grids, micro-grids, or energy storage.
   1. Accompany the EF-Euroclima team in the Caribbean in co-constructing actions and activities adapted /realistic to meet the identified needs
   2. Estimate necessary resources, including technical assistance, studies, trainings, webinars, workshops, study tours, or pilot projects.
   3. Formulate recommendations and proposals for concrete actions.
   4. Eventually, conduct field diagnostics when feasible.
   5. Drafting Terms of Reference (ToRs) for feasibility studies or project development consultancies.
4. Review and ensure quality control of technical deliverables (e.g. baseline studies, monitoring and verification methodologies, business models).
5. Identify and facilitate connection with the European private sector in the domain (including project developers, technology suppliers and financial intermediaries).
6. Participate and engage in technical dialogue (coordination meetings, seminars, workshops) with national counterparts and regional actors to facilitate the achievement of targets.
7. Document lessons learned, opportunities and constraints encountered during the formulation process.
8. Contribute to the preparation of materials, such as briefing notes, presentations, and progress reports.

**This list is not exhaustive, and the tasks will be defined and detailed in each purchase order.**

* 1. **Expected results**

The results to be achieved and expected outputs will be defined in purchase orders.

* 1. **Coordination**

The main contact will be:

* Orion VIENNE, Project Officer:[orion.vienne@expertisefrance.fr](mailto:orion.vienne@expertisefrance.fr" \o "mailto:orion.vienne@expertisefrance.fr)
* Cc1 : Florian FILIN, Administrative and Financial Officer, [florian.filin@expertisefrance.fr](mailto:florian.filin@expertisefrance.fr)
* Cc2:Elodie AFONSO, Programme Coordinator [elodie.afonso@expertisefrance.fr](mailto:elodie.afonso@expertisefrance.fr)

The EF Euroclima team should work closely with the candidate from the preparation of the assignment to its completion, exchanging regular information on the progress of the assignment and any difficulties that may arise.

1. **Place, duration and conditions of execution**

* **Application period:** 18months
* **Start date:** From the official contract notification (estimate end of July 2025)
* **Timing**: to be specified on each purchase order issued during the application period
* **Workplace**: remote, with missions in Caribbean countries (including difficult contexts such as **Cuba**)

1. **Experience and profile required**
   1. **Qualifications**

* Postgraduate degree (Master’s or PhD) in renewable energies (solar, wind, etc.) electrical engineering, energy transition, economic development, climate finance, energy law or any other field relevant to the tasks described above.
  1. **Technical knowledge**
* At least **10 years of experience** in senior technical roles involving **feasibility studies**
* Proven of experience in the energy sector, including practical experience with:
  + Wind energy development
  + Micro-grid planning and implementation
  + Electrification strategies
  + Grid integration of variable renewables
* Experience drafting ToRs and supporting the implementation of donor-funded technical assistance.
* Professional experience in island contexts, preferably in the Caribbean region, with knowledge of the challenges posed by the integration of renewable energies in island territories will be an asset.
* Experience in leading technical exchanges, in order to develop operational solutions as well as developing energy investment plans and resource mobilization.
* Ability to interact with government institutions and private sector actors to promote policies of sustainability and energy transition.
* In-depth knowledge of energy investment opportunities and project cycles, logical frameworks, monitoring and evaluation, and risk management.
* Network of relevant European technical and financial stakeholders in the energy sector.
* **Have the necessary conditions to intervene and travel in Cuba and other countries of the Caribbean.**
  1. **Knowledge of languages**
* Excellent communication skills in **Spanish and English (oral and written).**
* A command of oral and written French will be appreciated.
  1. **Interpersonal skills and cultural awareness**
* Great autonomy and impartiality.
* Demonstrated ability to work with people of different technical knowledge and cultural backgrounds.

1. **Methods of application**

**Contract type:**  
This consultancy will be managed under a framework contract with purchase orders for specific deliverables throughout the project period.

**Application deadline:** 20th July 2025 at 23:59 (Paris time).  
Expertise France reserves the right to select a candidate/s before this date.

**Documents required:**

1. A resume highlighting skills and experience aligned with the requirements (maximum 5 pages), including a **financial proposal (daily fees presented in euro).**
2. Completed Candidate’s/s form (to download and fill)

Additionally, the candidate may share a concept note showing its understanding of the mission (not mandatory).

**Please note that incomplete applications will not be considered.**

1. For more information, please visit our website:<https://www.expertisefrance.fr/> [↑](#footnote-ref-1)