# REQUEST FOR PROPOSAL

## Initiative for Climate Action Transparency (ICAT) Project

## Call for one International Consultant for ICAT Lesotho in Monitoring, Reporting and Verification (MRV) in the Energy Sector

### 1. Background

UNEP DTU Partnership is providing support to the Government of Lesotho on the establishment of institutional arrangements for MRV at the national level and piloting sectoral guidance to improve MRV at the sectoral level. The project is under the ICAT initiative (Initiative for Climate Action Transparency).

The Initiative for Climate Action Transparency (ICAT) aims to help governments build capacity to measure the effects of their policies and report progress publicly, thus fostering greater transparency, effectiveness, trust, and ambition in climate policies worldwide. This initiative is piloted with 40 developing countries.

The overall objective of ICAT is to support the implementation of domestic monitoring, reporting, and verifications (MRV) efforts and goals through country-specific capacity building programs of national stakeholders, provide training on MRV concepts, methods, and tools, including iterative testing and application of ICAT Guide, continued observation of future UNFCCC transparency requirements and development of a road map to sustain ICAT outcomes.

Lesotho has submitted its NDC in 2017 and has ratified the Paris Agreement. The most relevant climate change strategy document is the National Climate Change Policy, to which Lesotho's NDC is closely aligned. In the absence of an NDC implementation plan, the recently adopted National Climate Change Policy and Implementation Strategy (2017-2027) serves as the main instrument for planning national action to combat climate change in Lesotho. The National Climate Change Policy states that its mission is to address climate change issues locally while engaging in the global context. Its overarching goal is the adaptation to and mitigation of climate change impacts within the framework of sustainable development. Deployment of renewable energy sources in power generation has been defined as a priority goal in the NDC of Lesotho. The major assumption under the mitigation scenario in the energy sector is the implementation of Lesotho Energy Policy 2015 and Draft Lesotho Renewable Energy Policy 2013 which seek to increase energy efficiency significantly and shift the energy supply to more climate-friendly technologies.

Lesotho has already taken steps in the design and implementation of a monitoring and evaluation (M&E) system for adaptation that includes indicators necessary to measure NDC implementation and intends to build a monitoring, reporting, and verification (MRV) system. However, the country does not have any MRV system for mitigation sectors in place. Current inventory exercises in the country coincide in the limited availability of established activity data for identifying and disaggregating uses of energy sources, both in residential and transport uses, and the importance of

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defining technical tools that can improve the data collection and data consistency in both cases from energy statistics available in the country, including fuel consumption and fuel importing data.

Among other actions proposed in the NDC, as well as in Lesotho's climate change strategic plan and action plans, it is the Energy sector (including transport- and industry-related sub-sectors) that is expected to play a significant role in the country's emission profile. Therefore, ICAT will focus its work primarily on Lesotho's Energy sector.

## 2. Objective

UNEP DTU Partnership and Lesotho Meteorological Services (LMS) under the Ministry of Energy and Meteorology are seeking to hire one short term **International Consultant** to support Lesotho on the establishment of institutional arrangements for MRV at the national level, and piloting sectoral guidance to improve MRV at a sectoral level under the Climate Action Transparency Initiative (ICAT).

The primary focus of the ICAT initiative is on Lesotho's Energy sector. The work will focus on review of existing MRV and/or M&E policies on a national level and particularly within the Energy sector, on the establishment of institutional arrangements, including design and implementation of legal frameworks, data collection, reporting, and verification methodologies and procedures within and between the relevant stakeholders that will facilitate a robust and continuous national MRV system.

To deepen ICAT's impact, a significant portion of the project will be dedicated to hands-on capacity building also utilizing ICAT transparency guidance in the energy sector, among other related guidance. The direct objective of the ICAT is to support a data collection system focusing on the Energy sector as well as track GHG reductions achieved as a result of the current Energy policy and targets. With the MRV of climate policies a relatively novel concept, ICAT will be able to provide methodological inputs in the Energy sector. It will also enable the testing of this new reporting throughout the entirety of the Lesotho MRV system, with the purpose to identify non-methodological barriers such as barriers related to institutions, laws, processes, data, and systems.

**The International consultant will be hired to contribute directly to Objective n.4 and its activities mentioned below.**

ICAT Lesotho objectives identified by the Government of Lesotho are the following:

**Objective n.1 - Revision of the selected NDCs making use of GACMO for the Energy sector**

The activities are as follows:

- Stock-take mitigation strategies and scenarios focusing on the Energy sector using previous projects and studies.
- Prioritize mitigation actions in the Energy sector using stakeholder consultation.
- Revise Energy sub-NDCs and define targets and ambition for the mitigation actions.
- Conduct training of consultants and local experts on GAMCO.
- Conduct mitigation analysis using GACMO model under the direct supervision of UDP.
- Provide inputs about mitigation actions in revised sub NDCs for the Energy sector for mitigation analysis of revised NDC.


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**Objective n.2 - MRV needs and gaps assessment report**

- Review ongoing strategies and policies within Lesotho's energy sector and select most one or two policies for designing the MRV system.
- Review the current data gathering and assessment of the country's MRV and/or M&E systems along with identification of current barriers and gaps faced particularly in the Energy sector.
- Review existing governance structure/institutional arrangement for MRV systems applied in various mitigation sectors particularly in the Energy sector.
- Develop solutions for the identified gap to develop a national MRV system for the energy sector (selected policies).

**Objective n.3 - Harmonizing methodologies for assessing greenhouse gas impacts of policies and actions in the energy sector**

- Review available methods relevant for MRV of the Selected Policy (energy sector) as well as Guidance Material and Methodologies Developed under ICAT which is available for the public.

**Objective n.4 - Design of the MRV System, Establishment of Roles and Responsibilities**

- Identify impacts of selected policies in the Energy sector using casual chain, assessment boundaries, the definition of indicators, level of data needed and minimum data standards.
- Define business-as-usual scenario/s (BAU) baseline for the selected policy/strategy. BAU baseline will reflect situation that is most likely to occur in the absence of country's selected Energy sector related policy/ies.
- Ex-ante estimation of selected policy's GHG mitigation scenario including maximum impact of the policy including modeling of relevant key indicators.
- Design of a MRV system utilizing ICAT guidance tailored to the selected Energy related policy. the MRV system will among other items include (i) Design and definition of necessary roles, responsibilities, communication channels and authorities of all relevant stakeholders and participants, (ii) definition of necessary indicators, data gathering methods, aggregation and storage procedures, (iii) Design and definition of reporting templates, (iv) identification of necessary legal arrangements.
- Develop an implementation plan to institutionalize and launch the MRV system. This plan will include recommendations and next steps necessary to be taken by participating institutions to implement the MRV system
- Conduct stakeholder consultations that will inform the design process of the MRV system. This will be done in a collaborative and participatory manner engaging all relevant institutions. The process will consist of regular meetings and workshops as well as final review and validation of the proposed system by all participating stakeholders.

**Objective n.5 - Dissemination Workshop and Implementation Plan**

- The workshop where all relevant stakeholders participate will summarize the ICAT work, illustrate main outputs and outcomes (MRV system), show how barriers and gaps were addressed, and outline the implementation plan.

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In particular, the **International consultant** is expected to provide support to establish a MRV system for the energy sector based on best practices identified out of international experiences and specifically on the following:

- Design of a MRV system utilizing ICAT guidance tailored to the selected Energy related policy. the MRV system will among other items include (i) Design and definition of necessary roles, responsibilities, communication channels and authorities of all relevant stakeholders and participants, (ii) definition of necessary indicators, data gathering methods, aggregation and storage procedures, (iii) Design and definition of reporting templates, (iv) identification of necessary legal arrangements.
- Develop an implementation plan to institutionalize and launch the MRV system. This plan will include recommendations and next steps necessary to be taken by participating institutions to implement the MRV system
- **Deliverable**: Report on designing the national MRV system, using the ICAT guidance tailored to the energy related policy, establishment of roles and responsibilities and providing recommendations on how to address barriers/ gaps/issues to improve data collection and reporting for the Energy sector emissions. This deliverable will be validated by the national consultants throught stakeholder consultations that will inform the design process of the MRV system.

## 3. Required qualifications and competencies

A successful consultant should demonstrate:

- Advanced university degree (master) or higher in relevant fields related to Climate Change and Energy.
- At least 5 years of work experience and knowledge in Nationally Determined Contributions (NDCs) – climate change related projects and communications, as well as in transparency requirements, MRV and/M&E.
- Experience working in MRV, GHG Inventories, mitigation measures, project management, or any related projects is highly desired.
- Excellent written and verbal communication skills in English.
- Ability to work independently.
- Good analytical skills and competence in using Microsoft office.

## 4. Profile and Skills

The consultant(s) should have applied knowledge in mitigation technologies in the relevant sectors. He/she should have extensive knowledge of Nationally Determined Contributions (NDCs), transparency requirements, MRV and/M&E and experience with climate change mitigation or adaptation strategies (as relevant), technologies and policies at national level. More specifically he/she should be familiar with the national development objectives and sector policies, have overall insights in climate change science, and potential climate change impacts, as well as mitigation or adaptation needs for the country in the relevant sector(s). Moreover, the Consultant(s) should have good coordination and facilitation skills, and possess proven analytical capabilities, as well as excellent writing skills.

## 5. Duration and working arrangements:

The contract period is expected to last maximum 9 months from the day the contract is signed (with a partial dedication).

The Consultant will be contracted directly by the UNEP DTU Partnership (UDP) on a part-time basis, and will be required to be available for the performance of the tasks and delivery of the required outputs. He/She will be required to be available for the timely delivery of deliverables relevant to the specified tasks over the duration of the project, as required by UDP and the LMS. Payment of fees will be based on the deliverable. The consultant is expected to work remotely to perform the tasks, and in coordination with the national consultants, UDP and LMS.

**6. Budget:**

The maximum budget available for the International Consultant is USD 20,000 (Twenty thousand US Dollars).

Payment of fees will be disbursed upon deliverable, and transferred directly to the bank account of the consultant by UDP.

**7. Application Procedure**

- Interested consultants may request clarifications on this RFP process up to 12 January at 17:00 PM (CEST time) by sending an email to ivaaud@dtu.dk. Responses to RFP will be sent to all interested bidders who have asked questions or otherwise expressed interest in submitting a proposal.
- To apply for one of these positions, please send your application and CV (including your experience and track records in the selected sector), technical (methodology with detailed implementation plan) and financial proposal by email to Mr. Maqhanolle Tsekoa (relebohile@gmail.com) and Ms. Ivana Audia (ivaaud@dtu.dk).
- Please submit a technical proposal that includes your tentative approach and methodology to achieve the project's objectives and deliverables.
- The subject line of the email message should follow the following format: Subject: "ICAT Lesotho - International Consultant".
- **Application deadline**: 17 January 2021 17:00 PM (CEST Time)

**8. Evaluation Criteria.**

The selection will be based on the following parameters:

| Criteria | Subcriteria | Maximum Marks |
|---|---|---|
| Technical Proposal | Expertise of the consultant | 40 |
| | Methodology and Implementation Plan | 40 |
| Financial Proposal | | 20 |

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| | Total Points | 100 |

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