

# **UDP seeks short-term Consultancy support for Building a national MRV system in Sri Lanka**

UNEP DTU Partnership is seeking to hire a short term International Consultant to Support Sri Lanka for national MRV system with a focus on transport sector. The project is under the [ICAT initiative](#) (initiative for Climate Action Transparency)

## **Nature of assignment**

Sri Lanka has already taken steps in designing and implementing monitoring and evaluation (M&E) system that includes indicators necessary to measure NDC implementation and intends to build monitoring, reporting and verification (MRV) system. Under ICAT phase 1, Sri Lanka successfully designed MRV system for Transport sector and revised Transport NDCs. ICAT will support Sri Lanka under phase 2. Since total GHG emissions from energy, transport and waste sectors account nearly two third of Sri Lanka national GHG emissions, ICAT will focus its work primarily on MRV & NDCs within these three sectors.

The consultant will work in close cooperation with National Focal Point, UDP representative and national experts to deliver the following tasks:

### **Objective 1: Digitize transport sector GHG MRV system**

Activity 1: System and Software architecture/design

Activity 2: Develop the software

Activity 3: Deployment and integration

Activity 4: Stakeholder consultation and capacity building

Deliverable #1: Report on system and software design for MRV system.

Deliverable #2: Report on of Software development and web interface.

Deliverable #3: Report on revised Software and relevant agreements.

Deliverable #4: Final validation of the software and training for stakeholders.

### **Objective 2: Revision to NDCs in energy and waste sectors**

Activity 1: Scoping study, interviews and consultations, recommendations and input for NDC revision, assessment of mitigation actions using GACMO model

Activity 2: Assessment of sustainable development co benefits of mitigation actions using ICAT methodology for transport sector and possibly Energy and waste and make a linkage with SDGs

Activity 3: Prioritization of mitigation actions (using GHG assessment inputs and SD assessment inputs) and defined mitigation targets/ambitions on energy (excluding transport), waste and agriculture sectors

Activity 4: Consultations and selection of revised energy and waste sub NDCs and mitigation targets/ambitions

Deliverable #1: report on the result of analysis of mitigation actions with the different mitigation targets/ambitions using GACMO model for GHG reductions and costs

Deliverable #2: Full report on Assessment of sustainable development co benefits of mitigation actions using ICAT methodology for transport sector and possibly Energy and waste and make a linkage with SDGs

Deliverable #3: Final draft of the report: prioritized mitigation actions and defined mitigation targets/ambitions on energy (excluding transport), waste sectors- including scoping analysis, recommendations & inputs for NDC revision, and mitigation analysis.

### **Objective 3, Design a roadmap to develop a legal framework for data sharing to measure and report for tracking NDCs for transport sector or other sector to the extent possible**

Detailed activities:

Activity 1: Stock taking on Sri Lankan existing institutional arrangement for legal framework for data and information transfer, roles and responsibilities, coordinating entities, agreements for relevant sectors

Activity 2: Best practices of data and information sharing for climate change and sustainable development-relevant data

Activity 3: Assess how these legal codes have been interpreted by public and private institutions through (at least ten) interviews with key stakeholders in ministries, other public institutions, and private actors in different sectors.

Activity 4: Organize a 1-day workshop with key stakeholders in ministries, other public institutions, and private actors in different sectors to establish the status quo in data and information transfer of data, taking into account intra- and inter-institutional cases

Activity 5: Identification of international best practices for data and information sharing legal codes and agreements through literature review (minimum of three best practice cases relevant to Sri Lanka) as possibilities to fill the gaps.

Activity 6: Design a roadmap to develop a legal framework for data sharing

Activity 7: Validation of the roadmap to develop a legal framework for data sharing with corresponding Sri Lankan authorities and other relevant stakeholders through one-day workshop. Inclusion of feedbacks and comments from stakeholders for legal mandate.

Deliverable #1: A roadmap to develop a legal framework for data sharing

#### **DELIVERABLES / OUTPUTS:**

The national consultant will be responsible to submit the final deliverables after getting approval from the country focal points (Climate Change Secretariat, Ministry of Mahaweli Development and Environment and Ministry of transport and other relevant ministries)

UNEP DTU Partnership (UDP) will review all written deliverables before being finalized. This includes: i) all reports to be drafted by Sri Lankan counterparts; ii) UDP reserves sufficient time to review in detail and provide feedback; iii) feedback, comments, and suggestions will be addressed by Sri Lankan focal points; and iv) UDP will sign-off on final version of each. As per the work plan, most work will be carried out by Sri Lankan counterparts. UDP's role will be to review final outputs, offer feedback, and ensure coherence with ICAT program.

The consultant will conduct consultations with stakeholders in the concerned ministries and government departments to collect data and information available.

#### **Background to the assignment**

The Initiative for Climate Action Transparency (ICAT) puts into practice the request stated at the Paris Agreement to strengthen national institutions to meet enhanced transparency requirements. ICAT is a neutral, multi-donor fund designed to improve the capacity of developing countries to assess the impacts of their actions to meet their INDCs and bring greater quality, trust and ambition to climate policies worldwide. ICAT is uniquely positioned as one of the only MRV programs that offers newly developed guidance related to the MRV of policies and actions as well as country capacity building work. It builds upon the guidance being developed by UDP, WRI, and VCS and counts on UDP's network of country partners for enhanced engagements. Our main focus is on country needs and national MRV requirements - while we observe UNFCCC MRV developments, we are not bound by them and this allows us to tailor the project to country requirements. Finally, as ICAT guidance materials focuses on the MRV of climate change policies, it goes beyond CDM, GHG Protocol, inventories, and similar. The MRV of policies is not just a novel topic but it can be used to strategically support NDCs.

The primary focus of the ICAT initiative under phase 2 is on Sri Lanka's Transport sector while it will also support to update energy & waste sector NDCs. The work on transport sector will focus on converting the MRV system designed under ICAT phase 1 to a web based system (digitalization of

transport sector MRV) (Component 1); the work on energy and waste sector will focus on updating the sectoral NDCs using GACMO (component 2). The prioritization of mitigation actions will benefit from GHG indicator as well as sustainable development impacts. Therefore, prior to the prioritizations, assessing the sustainable development impacts of the mitigation actions under each NDCs will take place. Last component will focus on designing a roadmap to develop a legal framework for data sharing to measure and report for achieving NDCs

Assignment 1. Digitalization of transport sector MRV consists of: designing software & system requirements, architecture for data collection & data analysis; developing software and web interfaces; deploying & integrating web based system; and stakeholder consultation & capacity building.

Assignment 2. Updating energy and waste sector NDCs consists of: stocktaking of relevant mitigation policies and actions; assessing GHG mitigation as well as assessing the SD impacts qualitatively using ICAT guidance; adding/removing NDCs based on the criteria that are mutually agreed with the relevant stakeholders (GHGs and SD); quantifying the GHG effects and marginal abatement costs of the shortlisted NDCs using GACMO model; finalizing the NDC list based on the results of GACMO model; and conducting stakeholder consultation and capacity building for the stakeholders.

Assignment 3. It focuses on assessing existing legal framework for data sharing in Sri Lanka and design a roadmap to develop an effective legal framework for data sharing for tracking NDCs in transport sector and other sector to the extent possible.

### **Duration of assignment**

The consultant would be hired for the period of 1 March 2020 to 1 March 2021 but it is not requested to be involved full time.

### **Qualifications for consultant:**

- **Education-** Advanced university degree (Master's degree or equivalent) in Environmental policy, or related Climate Change field. Multi-disciplinary training preferable with knowledge on transport sector and MRV.

#### **- Work Experience**

Minimum of ten years of relevant work experience in Climate change domain particularly transparency and policy assessment. Extensive experience with policy analysis, GHG inventories, mitigation and adaptation assessments and measures within the framework of national communications, biennial update reports, NDCs and technology needs assessments is desirable.

- Hands on experience on designing MRV system and institutional arrangement at national and sectoral level.

- Knowledge on transparency framework and reporting requirements based on the Paris agreement.

- Candidates/Firms with prior experience in Sri Lanka in both climate change mitigation and adaptation projects will be given preference.

- Experience in project management and climate change finance related issues is an asset.

- Prior experience with detailing out NAMA financing options is desirable.

- Knowledge about ICAT project phase 1 is an additional value for the applicant

### **Languages**

Sri Lanka official language and fluency in written and oral English is required.

**Application deadline:** 21 February 2020

**Required documents:**

-CV

- A description of a) the approach that the consultant would take to cover the tasks mentioned above and b) the way the consultant would engage with the national counterparts.

To apply for this position, please email Fatemeh Bakhtiari at [fatebak@dtu.dk](mailto:fatebak@dtu.dk).