Request for Proposals
Projections team lead – Tajikistan

September 23, 2025

Introduction

The Greenhouse Gas Management Institute ("GHGMI") is requesting the submission of qualification statements and proposals from qualified professionals ("Consultant") to carry out the services of Projections team lead under the project *Development and Enhancement of Modelling and Impact Assessment Capacity in Tajikistan to inform the NDC preparation process* to be implemented in Tajikistan, within the framework of the Initiative for Climate Action Transparency (ICAT).

The ICAT helps countries to improve their GHG Inventories MRV, better assess the impact of their climate policies and measures (PaMs) and meet their transparency commitments. To this end, ICAT increases countries' overall transparency capacity, including the ability to assess the contribution of climate policies and actions to countries' development goals, and provides appropriate methodological information and tools to support evidence-based policymaking. ICAT's innovative approach is to integrate these two aspects.

ICAT focuses on countries that can highlight the benefits of greater transparency to demonstrate the impact of evidence-based policies and actions. ICAT generates evolving methodological guidance and extracts best practices, to make them publicly available to all actors, increasing the global knowledge base. ICAT's work is driven by the countries themselves. ICAT's capacity building efforts should build on existing climate monitoring, reporting and verification (MRV) systems and country knowledge, and complement previous or ongoing activities of other initiatives, where appropriate. The support provided is tailored to the country context and national priorities. The aim of ICAT's work is to involve national experts as much as possible and to promote peer-to-peer learning.

Tajikistan

Tajikistan has been a Party to the United Nations Framework Convention on Climate Change (UNFCCC) since 1998 and ratified the Paris Agreement shortly after its submission to parties, adopting its first Nationally Determined Contribution (NDC), submitted in 2015. The updated NDC of Tajikistan, submitted in 2021, includes conditional and unconditional targets with actions which covers all four IPCC sectors: energy (including transport), industrial processes and product use , agriculture, forestry and other land use, and waste. The NDC also addresses climate change adaptation and notes that Tajikistan's high dependence on climate-sensitive sectors of the economy is a factor that increases the country's vulnerability to climate change and extreme weather events.

Tajikistan has prepared and submitted four (4) National Communications (NCs) to date: the Initial National Communication (NC1) in 2002; the Second National Communication (NC2) in 2008; the Third National Communication (NC3) in 2014, and the Fourth National Communication (NC4) in 2022 as mandated by articles 4 and 12 of the Convention. Tajikistan has also prepared and submitted the First Biennial Update

Report (BUR1) in 2019. As part of the phase I of the ICAT Country project Tajikistan in 2024 also submitted a complete BTR1 to the UNFCCC with all relevant reporting tables.

Tajikistan, through the Agency for Hydrometeorology The Committee of Environmental Protection under the Government of the Republic of Tajikistan is making efforts to have an MRV system in place to monitor its GHG emissions and its NDC and to comply with the requirements related to the Enhanced Transparency Framework outlined in Article 13 of the Paris Agreement, as detailed in the Modalities, Procedures and Guidelines for the Transparency Framework for Measures and Support referred to in the Article 13 of the Paris Agreement (MPG). The Phase I of ICAT country project, implemented in 2024, supported Tajikistan in the development and implementation of GHG inventory as part of MRV process, and provided guidance in using simple tools for policy impact assessment.

Among the multiple initiatives managed by the country, Tajikistan is developing, together with the support of ICAT, the project: *Development and Enhancement of Modelling and Impact Assessment Capacity in Tajikistan to inform the NDC preparation process.* The overall objective of the project is to develop and enhance Tajikistan's capacity to develop and regularly update GHG projections that inform NDCs update and to enhance reporting on GHG projections under the Enhance Transparency Framework of the Paris Agreement. The technical support provided to Tajikistan by this ICAT project is expected to contribute to the following results:

1. Establish a core national team for GHG projections to support NDC update process

2. Enhance technical and institutional capacity to develop, and regularly update GHG projections in line with the requirements of the MPGs

3. Strengthen capacity to assess the GHG impact of PaMs, inform future ambition-raising efforts, and track PaMs implementation.

Under this project, GHGMI is seeking the services of the local expert for the position of: Projections team lead*.*

Objective of the position

The objective of the proposed position is to oversee and coordinate the development of the GHG projections in all sectors and the assessment of the impacts of PaMs. This expert also will be a primary projections and PaMs expert for energy sector, excluding industry.

Obligations

The main duties of the Projections team lead are as follows:

- **Coordination and Management:** Oversee the development of the models and tools for development of GHG projections and assessment of PaMs;
- **Data collection and compilation for energy sector:** Identify relevant data needs for development of GHG projections in energy sector, covering power sector, transport,

buildings and energy use in agriculture, and fugitive emissions; Work together with energy statistics expert to collect and validate this data.

- **Data Collection Coordination:** Coordinate the collection of data for other sectors (industry, agriculture, waste, etc.), ensuring accuracy and completeness.
- **Development of GHG projections model:** identify a tool/methodology for development of GHG projections for every category in energy sector; develop model structure and populate with data for energy sector for base year;
- **WEM scenario development**: Analyze trends and patterns in energy sector to identify main demand drivers; Develop assumptions for each subsector that match current policy (WEM scenario); develop model structure and populate with data for WEM scenario for energy sector;
- **PaMs Impact assessment and WAM scenario:** Identify PaMs in energy sector that will need to be modeled within WAM scenario; Work together with energy statistics expert to collect the data for selected PaMs; Incorporate selected PaMs into the projections tool; Perform impact assessment of selected PaMs;
- **Projections Coordination and compilation:** Coordinate the development of projections in other sectors (industry, agriculture, waste, LULUCF, etc.), ensuring accuracy and completeness; compile projections in various sectors to obtain national totals.
- **Reporting and presentation**: Prepare detailed reports and documentation on the collected data and performed analysis; prepare and deliver presentations at the workshops;
- **Documentation and Archiving**: Maintain thorough documentation of the data sources, methodologies, and calculations used; Ensure proper archiving of all relevant documents and datasets.
- **Stakeholder Engagement:** Engage with relevant stakeholders, including government agencies, private sector entities, and non-governmental organizations, to gather data and collaborate on inventory activities.

Projections team lead is responsible for the compilation and timely submission of the following project components, in addition to the sections that cover energy sub-sectors:

- Output:1.4 Report on tools, their characteristics, criteria for selection and recommendation for applicable tool
- Output:1.7 WEM scenario report with description of the input data and approach prepared
- Output:1.9 WAM scenario report with description of PaMs and policy target values for implementation tracking
- Output 1.10 Report on sensitivity analysis of WAM scenario
- Output 2.1: A memo describing Cost benefit analysis of the selected PAMs and how it informs the TJK ambition
- Output 2.3 A report outlining methodology and assessment results
- Output 2.4 Report on results of the assessment of relevant policy instruments for selected policy implementation
- Output 2.5 WAM policy tracking framework

In addition; the Projections team lead will prepare and deliver the presentations at the following workshops:

- Activity 1.6: Projections stakeholder workshop
- Activity 1.8:Projections stakeholders workshop
- Activity 2.6: Validation workshop for policy implementation tracking for policies included in the WAM scenario
- Activity 3.1: Closing event/validation workshop

Detailed list of deliverables with corresponding timelines will be provided at the start of the contract.

General

Supervisor: Project lead for Tajikistan (GHGMI) and in-country project coordinator. The Projections team lead will work in close coordination with energy statistics expert and PaMs and Projections expert in Energy/Industry/IPPU.

Estimated contract start date: October 2025

Contract duration: approximately 9-12 months

Remuneration: USD$1400/month (adjusted for the duties implemented and deliverables prepared)

Employment Type: Full-time

Office: At the Agency. It will provide its services in an Agency office and, when required, in the other facilities, for which the Agency will provide all needed for an effective work and completion of the tasks.

Eligibility: This position is open to national citizens for applying for this position. The candidate must be physically located in Tajikistan.

Qualifications

Candidates must meet the following requirements:
- Graduate in Mechanical engineering, energy, Computer Science, Technology, Engineering or Math (STEM).
- More than 5 years extensive experience in energy sector
- Demonstrated experience in GHG emissions estimation in energy sector
- Demonstrated experience in collecting and analyzing data and statistics
- Knowledge of Office suite (Excel, Word, Power Point) required
- Operational level of knowledge of English required.