



Empowered lives. Resilient nations.

## TERMS OF REFERENCE

<b>Country:</b>	Republic of Moldova
<b>Description of the Assignment:</b>	National Consultant on Energy Efficiency Project Design
<b>Project:</b>	De-Risking and Scaling-up Investment in Energy Efficiency Building Retrofits
<b>Location</b>	Chisinau, Moldova
<b>Number of Working Days</b>	40 Working Days over a 6 months period
<b>Period of Assignment/Services:</b>	15 <sup>th</sup> April 2016 – 15 <sup>th</sup> October 2016

*Proposal should be submitted online by pressing the "Apply Online", no later than April 7, 2016.*

*Requests for clarification only must be sent by standard electronic communication to the following e-mail: aurelia.untila@undp.org. UNDP will respond by standard electronic mail and will send written copies of the response, including an explanation of the query without identifying the source of inquiry, to all applicants.*

### A. BACKGROUND / OVERVIEW:

Republic of Moldova is a lower middle income country in transition located in the south-eastern part of Europe, with 95% of energy consumption being covered from imports. While the energy intensity is 3 times higher than the EU average, the residential sector is the main energy consumer (44%), followed by transport (18%) and industry (13%). Since 1995, the country is party to the UN Framework Convention on Climate Change (UNFCCC) and has joined the Kyoto Protocol in 2003. In line with the provisions of UNFCCC, the Republic of Moldova is part of the group of Non-Annex 1 countries. According to the Intended Nationally Determined Contribution (INDC) submitted ahead of the Paris Summit, Moldova intends to achieve an economy-wide unconditional target of reducing its greenhouse gas emissions by 64-67 % below its 1990 level in 2030. The reduction commitment could be further increased up to 78% below 1990 level – if low cost financial resources will be secured, and the country will benefit from clean technology transfer and technical cooperation.

In addition, Moldova is implementing an ambitious roadmap under the EU-Moldova Association Agreement. In the Climate Change area, with UNDP's support within the framework of a joint UNDP collaboration between UNDP and the European Union (i.e, the "Low Emission Capacity

Building Programme”), the following milestones are close to finalization and government’s approval: Low Emission Development Strategy (LEDS), the institutional framework for the Greenhouse Gas Emissions Monitoring, Reporting and Verification System and the development of four (4) Nationally Appropriate Mitigation Actions (NAMA).

Although the country struggles to transition towards a low emission development path, Moldova follows the global trend of continuously growing urbanization. Chisinau, Moldova’s capital and also the largest city whose inhabitants make up over 22% of the total country population, is the largest energy user, emitter of GHGs, and consumer of resources in the country. Multi-storey apartment blocks account for 157.2 million m<sup>2</sup> or 60% of the housing stock; one out of three (or 50 million m<sup>2</sup>) is in need of capital renovation, while 3.8 million m<sup>2</sup> is in an emergency state and has to be demolished. Regardless of the technical conditions, over 70% of multi-storey apartment buildings have very low thermal performance (especially buildings constructed in 1950 -1980s): thermal losses account for up to 50% of heat consumption.

Therefore, one of the top priorities for the country’s energy security is to address energy consumption and refurbish the stock of public and residential buildings. UNDP is supporting the government in this regard, through a number of interventions addressing energy efficiency in public and residential buildings. There is largely untapped energy efficiency market in the municipal sector, and the potential for efficiency gains is substantial in residential buildings (estimated at 60%), however progress on these is hampered by institutional, legal, technical and financing barriers.

In 2010, the UNFCCC’s Conference of the Parties (COP), agreed to establish the Green Climate Fund (GCF) as a central global investment vehicle for climate change finance. GCF is expected to play a key role in channelling new and predictable financial resources to developing countries and to catalyse climate finance – both public and private, and at the national, regional and international levels. The Fund is intended to operate at a larger scale than other comparable funds to promote the paradigm shift towards low-emission and climate-resilient development pathways. Access to GCF resources is managed through national, regional and international entities accredited to the Fund; UNDP has been approved by the GCF Board in March 2015 to be one of the first accredited implementing entities of the fund.

The objective of this assignment is **to support the development** of a full funding proposal for GCF and associated UNDP-GCF project document in Energy Efficiency in building sector, aimed at scaling-up investment in energy efficient buildings in Moldova by building on results of UNDP’s prior work in this sector (e.g. facilitating ESCO (Energy Service Company) type of investments and NAMAs).

The Green Climate Fund (GCF) is a financial operating entity of the United Nations Framework Convention on Climate Change (UNFCCC) which is established in compliance with Article 11 of the Convention to contribute significantly to the collective efforts of the international community to combat climate change. The Republic of Moldova is accredited for submission of project proposals to the Green Climate Fund, with the Ministry of Environment acting as the National Designated Authority (NDA).

## **II. Scope of work and final outcome of the assignment**

The National Consultant will work with the International Consultant/Team Leader and will support him in the development of a complete GCF Funding Proposal and UNDP-GCF Project Document on de-risking investment in EE retrofits.

The task of the National Consultant will be to ensure and facilitate the access to the required background document, national programmatic document, essential in the process of designing the UNDP-GCF project on de-risking investment in EE retrofits and development of the relevant Project Document to be submitted for approval by the GCF Board, in line with respective [GCF Guidance](#).

To this end, the National Consultant will be responsible for supporting the International Consultant to plan and effectively undertake the required surveys and preparatory field work, establishing dialogue and a working relationship with stakeholders (funding partners, national counterparts and local communities), and the timely delivery of the agreed documents.

The work of the team of National and International Consultant will not start from scratch but will build on the existing draft Moldova Green Climate Fund Concept Note and will explore potential integration with one of the existing draft NAMAs in energy sector.

Under the direct supervision of the UNDP Moldova's Head of Environment & Energy Unit and UNDP Regional Technical Advisor on Climate Change and in close cooperation with national partners and other experts from related UNDP initiatives, the National Consultant/Energy Efficiency Expert (acting in his/her individual capacity) will be tasked with the following duties and responsibilities:

### **Activity 1/Deliverable 1: Finalize GCF concept note**

- Support the organization of meetings with national stakeholders during the joint in-country missions of the International Consultant;
- Support the International Consultant (Team Leader) in the finalization of all the sections of the GCF concept note, including partnership and financial sections, all required annexes, based on GCF template and in line with UNDP's global programmatic framework on de-risking investment in EE retrofits;

### **Activity 2/Deliverable 2: Facilitate a broad range of stakeholders' involvement and support the write-up of the first draft GCF proposal and required annexes as well as first draft of UNDP-GCF project document**

Support the International Consultant in writing up all the sections of the draft GCF proposal (and required annexes) and draft UNDP-GCF project document:

- Develop a roadmap for gathering the information required to complete the application/proposal and associated UNDP/GCF project document

- Facilitate inputs from a broad range of experts/stakeholders in investment, development, climate change mitigation/adaptation, project finance, market creation;
- In coordination with UNDP CO, facilitate the involvement of experts from various line ministries, agencies, NGOs during the proposal development
- In consultation with UNDP and relevant partners, such as EIB and other potential financiers, support the International Consultant formulate project strategy and prepare GCF Funding Proposal and required annexes and UNDP-GCF project document in line with GCF template and respective guidance
- Write the report of stakeholder workshops and facilitate all signatures- which will constitute part of the GCF proposal annexes
- Support the International consultant in the write-up of the GCF proposal and required annexes and UNDP-GCF project document

### **Activity 3/Deliverable 3:**

- Support the International Consultant in gathering information in order to address comments from GCF Secretariat/Board and finalize GCF funding proposal and required annexes.

### **Activity 4/Deliverable 4:**

- Support the International Consultant with the incorporation of comments and revisions into the UNDP-GCF project document in line with respective UNDP requirements and guidelines.

The key products to be delivered and the timeframe are estimated to be broken down as follows:

<b>Deliverable</b>	<b>Timeline</b>	<b>Payment</b>
Finalized project concept note (after the first in-country mission)	April 2016	10%
Stakeholders consultation facilitated and proceedings drafted and approved	May-June 2016	10%
Approved (by UNDP) first draft GCF funding proposal (after the second mission and stakeholder consultation) and draft UNDP-GCF project document	June 2016	30%
Responses to GCF Secretariat comments	September 2016	20%
Finalized UNDP-GCF project document (with comments included)	September 2016	30%

### **III. Reporting**

The National Consultant must ensure timely and technical support to the International Consultant's preparation and submission of the GCF Funding Proposal and comprehensive UNDP-GCF Project Document. All reports must be submitted in English to the UNDP Country Office in Moldova and

made in accordance with GCF's templates and requirements (available at <http://www.gcfund.org>).

#### **IV. Management arrangements**

The National Consultant will work under the guidance of the International Consultant, Energy and Environment Unit and UNDP Regional Technical Advisor on Climate Change, in coordination with other UNDP project and programme staff. He/she will also work closely with the relevant national authorities and partners but also with the national development partners, local authorities, civil society and private sector.

#### **V. Financial arrangements:**

Payment will be disbursed upon submission and approval of deliverables and certification by the International Consultant and UNDP office that the services have been satisfactorily performed.

#### **VI. Qualifications and Skills required:**

##### **Qualifications:**

- Master's degree or equivalent in economics, finance, energy and/or environmental economics, or related discipline

##### **Experience:**

- At least 10 years of working experience in the field of energy efficiency, preferably in the building sector
- At least 10 years of progressively responsible professional experience in the energy, environment, urban development or other relevant fields
- Proven experience with investment and technical assistance projects and programs in the area of energy efficiency in building sector for the international development agencies and/or IFIs
- Good technical knowledge of energy efficiency in buildings
- Good technical knowledge of GHG emission accounting and monitoring, reporting and verification schemes in building sector
- Very good English and Romanian verbal and writing competencies

##### **Competencies:**

- Demonstrated capacity of team work, excellent planning and organizational skills
- Strong, research, communications and writing skills
- Good PC commands, knowledge of information technologies
- Sensitivity and respect for sustainable development, human rights and gender equality

- Ability to deal with people with tact and diplomacy
- Ability to achieve results and deadlines in a timely manner, maintaining a high standard throughout
- Proven commitment to the core values of the United Nations, in particular, respecting differences of culture, gender, religion, ethnicity, nationality, language, age, HIV status, disability, and sexual orientation, or other status

UNDP Moldova is committed to workforce diversity. Women, persons with disabilities, Roma and other ethnic or religious minorities, persons living with HIV, as well as refugees and other non-citizens legally entitled to work in the Republic of Moldova, are particularly encouraged to apply.