

Terms of Reference For Climate Change Adaptation Expert

Objective: Assessment of the Climate Change situation in the oPt, Definition of the Adaptation Strategy and formulation of a Programme for Adaptation to the Climate Change.

Deadline for Application: July, 28th 2008.

Duty Station: Ramallah (Environment Quality Authority) office with possible travel to the West Bank and the Gaza Strip (in case security situation allows it).

Estimated Duration: 50 working days.

Starting Date: As soon as possible.

I. Background

Global warming is already altering the world's climate. Its impacts are felt in all sectors and regions of society, through changes in temperature and precipitation as well as through changes in the frequency and intensity of climate extremes. Adverse impacts of climate change will negatively affect progress toward development in a number of key areas including agriculture and food security, water resources, coastal zones, public health, climate-related disaster risk management and natural resources management. National planning must take these impacts into account.

Similarly, climate change will constrain the ability of developing countries to reach their poverty reduction and sustainable development objectives under the United Nations' Millennium Development Goals (MDGs). The achievement of the MDG targets will depend on effective planning for managing climate risks.

A number of constraints exist with regards to ensuring resiliency of the MDGs in the context of emerging climate change pressures. In the oPt needs to be highlighted various issues: weak capacities of national agencies, local authorities and vulnerable communities to effectively develop coping mechanisms and strategies on adaptation and disaster risk management; lack of tools and systems to enable appropriate planning and implementation of climate change adaptation; and a general lack of information on technological adaptation and sustainable development options. A global-scale scenario cannot be reliably applied to the oPt because of the small size of the territory, the coarse resolution of current models and the great spatial inaccuracy of global models.

The previous aspects mentioned justify the need to assess the situation in the oPt in relation with the Climate Change, as well as identify the different actions to be taken and develop and Adaptation Strategy to climate change.

Adaptation to climate change is a complementary strategy to mitigation to manage effectively climate change risks and must be placed within the context of a country's sustainable development. Therefore UNDP/PAPP wants to develop an Adaptation Strategy and formulate a Programme for Adaptation to the Climate Change in order to adopt new policies and practices so as to secure Millennium Development Goals in the face of climate change and its associated impacts. The consultant will develop these products which will boost the UN system's support to the oPt, with regard to Climate Change and Adaptation.

II. Scope of the Assignment

Purpose

The Consultant will have to assess the situation in the oPT in relation with the Climate Change, identify the different actions to be taken and develop an Adaptation Strategy to climate change; after this he/she will develop a Programme for Adaptation to the Climate Change for EQA in partnership with UNDP/PAPP.

Scope of work

In order to launch this process, there will be a meeting with the different relevant stakeholders (international organizations, civil society organizations, government institutions) in the oPt, to inform and discuss the objective of this consultancy work.

A. The consultant will identify the Climate Change situation in the oPT. He/she will stock-take existing information on climate change in the oPt, and develop an executive summary for policy and decision-makers to mobilize high level support. This executive summary should be accompanied by an initial analysis of the causes of the problem (climatic and non-climatic) as well as main barriers impeding implementation of immediate adaptation strategies and measures. Adaptation opportunities and alternatives should also be highlighted as these will constitute the basis on which the proposal will be built. The analysis should be supported by all the necessary data information, where possible. The main counterpart will be the Environment Quality Authority (EQA), which will coordinate with the other stakeholders.

The assessment will include the following elements:

- Current Vulnerability Assessment:
 - o Characterization of current climate conditions and natural hazards
 - o Impact of Climate Change in the oPt, including impact considerations in National Development Plans and policies
 - o Assessing current vulnerability of development objectives to climate change.
 - o Assessment of current socio-economic conditions and vulnerability (e.g. exposure)
 - o Pre-identification of critical thresholds
- Future Climate-Risks Assessment:
 - o Climate scenarios/projections in mean and variability for oPt
 - o Assessing future climate change risks to the development objective
 - o Extrapolations of existing socio-economic trends
 - o Expected/potential impacts on the priority sector(s)
 - o Economic and Financial impacts of climate change
 - o Climate Risk Analysis
- Develop an executive summary for policy and decision-makers
- Discuss the findings with relevant project counterparts, stakeholders and the project staff

B. Based in the previous findings, the Consultant will prepare an Adaptation Strategy on Climate Change for the oPT.

The Strategy should consider all the components which need to be in place, like regulatory, technical, legal, capacity development, institutional, among others. It will address the following but not limited to:

- The analysis of the situation in the oPt and the assessment prepared in the previous step.
- Assess the information gap of the existing documentation, like National Plans, the Palestinian Reform and Development Plan (PRDP), and Strategies.
- Linkages between adaptation and sustainable development at the local level, sectoral level (agriculture, water resource management, coastal zone management and disaster), national level and Regional and sub-regional level (planning and co-ordinated actions may be necessary).

- Linkages between the different conventions: UNFCCC, UNCCD, CBD and Sustainable Development.
- How to mainstreaming the climate change risks and adaptation into national policies, programmes and priorities ensuring that information about climate-related risk, vulnerability, and options for adaptation are incorporated into planning and decision-making in key sectors, such as agriculture, water, health, disaster risk management and coastal development, as well as into existing national assessments and action plans, like the Medium Term Development Plan of the Ministry of Planning.
- Ensure that plans and priorities identified in development cooperation frameworks incorporate climate change impacts and vulnerability information to support development outcomes (e.g., UNDP/PAPP Strategy, the Palestinian Reform and Development Plan, Palestinian Environmental Strategy, UNDP/PAPP programmes and projects)
- Define Strategic Partnerships with national bodies, local authorities and civil society.
- Check for complementarities and synergies with similar existing or planned interventions (UN or external) in the country and the region.
- Lessons learnt from related previous interventions should be incorporated.
- Outline the key components of the Monitoring and Evaluation Framework of the Adaptation Strategy.
- Discuss the Adaptation Strategy to Climate Change for the oPT with relevant project counterparts, stakeholders and the project staff and agree on the final version.
- Conduct two national workshops (one in the West Bank and one in Gaza) on the findings.

C. Within the Framework of the Adaptation Strategy to Climate Change, he/she will identify and formulate a Programme for Adaptation to the Climate Change for UNDP/PAPP.

When preparing the Programme Document, the consultant will consider the following, but not limited to, elements:

- Ensure it includes a legal and institutional analysis. This comprises a comprehensive description of the main roles, regulatory issues, policies, actors and planning processes relating to the system targeted by the project.
- Ensure the problem analysis is done logically and is based on the preliminary assessment of the current vulnerability and future climate risks.
- Develop the reasoning of the intervention and describe both baseline and adaptation scenarios.
 - o Baseline scenario: The purpose of this scenario is to identify what course of action would be taken in the absence of climate change adaptation, and how climate change is likely to affect development activities. It seeks to answer the question: "What development activities would be pursued by the oPt in the absence of climate change? How would the targeted human systems develop without adaptation?" Without adaptation, how would development activities be affected by climate change? This scenario should also include a description of the adaptation baseline, to the adaptations to current climate that are already in place. A short discussion on the current baseline effectiveness, gaps and additional needs is also expected.
 - o Adaptation scenario: the purpose of this scenario is to identify the course of action that will have to be taken to respond to the adverse impacts of climate change, so as to achieve sustainable results. It seeks to answer the question: "How should the development objective be achieved, taking into account the impacts of climate change, and what immediate and urgent measures are necessary to respond to such impacts?" This scenario description must include a description of the activities to be implemented to address the adverse impacts of climate change in the short-term. These activities should include:
 - Mainstreaming of short-term adaptation strategies into national development frameworks
 - Implementation of pilot adaptation measures

- Institutional capacity building and awareness rising.
- Determine the Programme's goal, objective, outcomes and outputs that arise logically from the problem analysis and address issues for which climate change is a significant driver. The following points are important: Climate risk reduction (CRR) mainstreamed into key national & selected local development plans & processes; Enhanced national and local capacity to develop, manage and administer projects addressing climate change risks; and coping mechanisms improved through pilot schemes with national up scaling potential.
- Undertake a project risks analysis in line with the UNDP Risk Management Strategy. To present the risks in the Programme Document along with the relevant mitigation measures.
- Outline the key components of the Monitoring and Evaluation Framework of the Programme.
- Propose adequate measures to ensure sustainability of the intervention. This requires a brief description of the mechanisms needed to ensure recurring costs are financed, local ownership of ideas will guarantee ongoing involvement, sufficient capacity exists at the end of the project, and other issues that the consultant might consider relevant.
- Outline the Programme's replication strategy: All activities (and its outcomes) should be replicable in other project sites or vulnerable systems. Knowledge management should also be explained.
- Ensure cost-effectiveness of the intervention scenario.
- Design the workplan and activities accordingly and prepare the TOR for the team of experts
- Prepare UNDP Programme Document.
- Discuss the Programme Document with relevant Stakeholders, counterparts and the project staff.
- Establish the future Monitoring and Evaluation process: involves implementing, monitoring, evaluating, improving and sustaining initiatives launched by the adaptation programme.

This document has to consider the *Adaptation Policy Frameworks (APF) for Climate Change* that UNDP developed. The APF is a structured approach to formulating and implementing adaptation strategies, policies and measures to ensure human development in the face of climate variability and change. The APF links climate change adaptation to sustainable development and global environmental issues. It is structured around four major principles:

- Adaptation to short-term climate variability and extreme events serves as a starting point for reducing vulnerability to longer-term climate change;
- Adaptation policies and measures are assessed in a developmental context;
- Adaptation occurs at different levels in society, including the local level;
- The adaptation strategy and the process by which it is implemented are equally important.

All documents produced under this assignment shall gender-differentiate climate change response when needed. Currently, many national responses remain 'gender neutral', which has often translated to the marginalization of women's needs in national climate change strategies.

Anticipated Deliverables

- One meeting with relevant stakeholders to launch the process (report).
- Stock-take of the Climate Change situation in the oPt: Current Vulnerability Assessment and Future Climate-Risks Assessment.
- Executive summary on the climate change situation in the oPt for policy and decision makers.
- An Adaptation Strategy to Climate Change for the oPT.

- A Programme Document on Adaptation to Climate Change for the oPT.
- Two National Workshops (report).
- A Presentation to the UNDP/PAPP Natural capital team.

All deliverables shall be in both two soft copies and two hard copies.

Timeframe

It is estimated that the assignment will need 50 working days to be accomplished.

Estimated time required for each process:

Key Outcomes	Key activities	Estimated time
Induction workshop	Initiation meeting	1 day
A. Analysis of climate change situation	Stock-taking	3 days
	Developing an executive summary	2 days
	Consultations with key stakeholders	1 day
Subtotal		7 days
B. Development of CC strategy	Diagnosing CC risks on local/sectoral policies, national, sub-regional, regional policies	20 days
	Diagnosing CC risks on UNDP country programming	3 days
	Assessment of ongoing activities, partnerships	5 days
	National workshops	3 days
	Developing a strategy	5 days
	Subtotal	
C. Formulate a programme for adaptation		7 days
Subtotal		7 days
Grand total		50 days

III. Other Issues

Consultant Qualifications

A postgraduate degree in Environmental Management or related fields and/or equivalent work experience

Proven real experience, at least five years, in Climate Change and financing mechanisms in general and in the Middle East in particular

Policy and institutional knowledge in the Climate Change sector

Excellent oral and written communication skills in English; knowledge of Arabic is an asset.

Experience in Programme/Project development

Experience in international best practices in Climate Change

Experience in strategies for assisting developing countries

Solid analytical and conceptual skills and the ability to think creatively

Good knowledge of local context (culture, politics, and geography) is an asset

Willing to move through the West Bank and Gaza (facilitated by UNDP/PAPP)

Corporate Competencies:

Displays cultural, gender, religion, race, nationality and age sensitivity and adaptability
Treats all people fairly without favoritism

Functional Competencies:

Management and Leadership

Consistently approaches work with energy and a positive, constructive attitude
Demonstrates openness to change and ability to manage complexities
Ability to lead effectively, mentoring as well as conflict resolution skills
Demonstrates strong oral and written communication skills
Remains calm, in control and good humored even under pressure
Proven networking, team-building, organizational and communication skills

Payments

The Consultant will receive 40% of the total payment upon submitting the workplan, the timeframe, the table of contents of the deliverables and the signature of the contract and 60% after the final approval of all deliverables.

Logistics

The Consultant will be contracted by the UNDP/PAPP. His/her work will be facilitated and supervised by the Programme Analyst, to whom the Consultant will report directly. All work will be done in the West Bank, Gaza City and Jerusalem.

To Apply

Proposals **must** comprise of the following documents:

- 1) Detailed updated Curriculum Vitae with supporting documents;
- 2) Cover letter;
- 3) List of referees;
- 4) P11 duly signed;
- 5) Technical approach to the Terms of Reference; and
- 6) Financial proposal (lump sum in US Dollars).

Interested Consultants are requested to submit their proposals, specifying the position '**Climate Change Expert**', via **DHL or by hand only**, before close of business at or before 15:00 hours on Monday, July 28th 2008, to the UNDP/PAPP Office in Jerusalem (4A Yaqubi St. Tel. 02.626.82.00)

P11 concerning this advertisement can be obtained from the following Web site:

www.undp.ps/en/aboutundp/forms.html

"UNDP/PAPP is an equal opportunity employer: applications from men and women will be considered equally"