TERMS OF REFERENCE

Consultancy: Institutional analysis of the current national system and processes related to climate change in Turkmenistan to inform the development of the NAP process and sectoral integration of climate change adaptation

January 2020 – June 2020

The National Adaptation Plan (NAP) Global Network is a multi-funder initiative that was established in 2014 to enhance climate adaptation planning processes in developing countries through coordination of bilateral support and in-country actors. Participants of the Network come from 110 countries and are primarily adaptation practitioners working on National Adaptation Plan processes. The secretariat of the Network is at the International Institute for Sustainable Development (IISD).

The NAP Global Network delivers support through a mechanism called the *Country Support Hub*, providing expert advice and short-term technical support on specific issues related to the NAP process or its implementation.

Background Information

Turkmenistan is predominantly a desert country characterized by dry and continental climate, limited river network and fresh water sources. Most of the environmental issues are associated with limited water availability and growing hot periods. In the past few decades Turkmenistan has experienced widespread changes in land cover and land use. However, irrigated agriculture still remains one of the main sectors of national economy with the majority of population relying on it. Declining availability of water, increasing evaporation rate from water surface and evapotranspiration can result in declining crop yields, livestock production. A warming climate results in increased melting of the glaciers and snowpacks feeding the tributaries of Amudarya and other rivers in Central Asia. This in its turn can result in temporary increase in water runoff and promote further expansion of unsustainable agriculture.

In Turkmenistan the average air temperature has increased by almost 2°C between 1950 and 2012. According to the Third National Communication, the country is projected to experience an increase in average annual air temperature by 2.21°C by 2040, with further warming of 5.35 °C by 2100. Turkmenistan has limited precipitation with the forecast being a dramatic fall by 22 per cent by 2100. These developments will be accompanied by more frequent extreme weather like severe droughts, floods or windstorms.

In September 2019, Turkmenistan has adopted a new edition of the National Climate Change Strategy. Adaptation to climate change is a major focus of the strategy. Priority measures include (a) identification of priority strategic actions for adaptation at the level of economic sectors and (b) enhancement of national legislation on climate change: Law "On Climate Change".

In 2017, important consultations were conducted with national stakeholders on the development of the National Adaptation Plan (NAP). During the round-table discussion and individual meetings with representatives of line ministries, different priorities of each sector and possible mechanism for implementation and financing of the proposed measures were discussed. The NAP process is seen as key mechanisms to mainstreaming climate change adaptation into national policies and plans and sectors for socio-economic development.

Assignment

The international consultant will lead the development of the institutional analysis to identify entry points, existing channels and mechanisms that could be used to ensure that climate risks are reflected in sector strategies and enable the implementation of adaptation priorities at the sectoral level (with a strong focus on agriculture/ water economy). Specific attention will be paid to which role the NAP process can play in creating the conditions for sector-related adaptation actions to be implemented. The analysis will identify other practical and good practice examples of sectoral integration from other countries and provide specific recommendations for the Government of Turkmenistan for the strategic integration of adaptation considerations into sector planning based on the analysis.

Other important enabling factors for adaptation planning should also be considered in the analysis, including access to climate-information, financial resources and capacity-building opportunities.

The international consultant will also be required to provide strategic direction and guidance to a national consultant in Turkmenistan who will support the development of the institutional analysis commenced by the international consultant. This will be done through regular consultations, review and guidance provided to the national-based consultant.

Activities related to the assignment

The assignment will involve:

1. With input from the national consultant prepare a list of relevant documents to be reviewed for the analysis of the institutional arrangements and ongoing policy related to climate change in Turkmenistan.
2. With input and overall assistance from the national consultant develop a list of stakeholders to be interviewed for the institutional analysis.
3. Develop a semi-structured interview guide for the stakeholder interviews.
4. Provide guidance to the national consultant who will be responsible for undertaking the interviews with stakeholders in Turkmenistan and transcribe the interviews into English.
5. Develop the first draft of the institutional analysis which should include the following key areas of information:
   - ➢ **Overview of the current institutional arrangements and ongoing policy processes** related to climate change in Turkmenistan; with a special focus on the NAP process
   - ➢ **Institutional analysis of the existing and potential mechanisms and channels** (entry points) for integrating adaptation into different sectors at the national level
   - ➢ **Feasibility assessment of entry points** that could be used for information, capacity and resource-sharing to mainstream climate change information into sectoral planning processes to enable the implementation of priority adaptation actions
   - ➢ **Recommendations on how existing mechanisms/entry points could be used strategically** for channelling financial resources, information and capacity to mainstream adaptation and how to enable use of climate information by key actors
   - ➢ **Three good practice examples from other countries** related to sectoral integration of adaptation
6. Lead (with support from the national consultant and the NAP Global Network) the organization and delivery of two-day validation and capacity-building workshop with relevant stakeholders in

June 2020. The workshop will include representatives from the national ministries, the NAP Global Network, the consultants, GIZ and other non-state actors.

7. Attend and contribute to the 2-day regional workshop, to take place in Ashgabat, highlighting the importance of the NAP process, the results of the institutional analysis, as well as good practice on sectoral integration related to the NAP process.

Deliverables

The following table describes the anticipated deliverables for the assignment:

Deliverables	Days of work

1. In preparation for the analysis of institutional arrangements and ongoing policy related to climate change in Turkmenistan, the following key documents will be developed:
  ▪ A short workplan overview outlining a timeline and deliverables
  ▪ A reference list of relevant documents to be reviewed for the analysis of the institutional arrangements and ongoing policy processes related to climate change in Turkmenistan
  ▪ A list of stakeholders to be interviewed
  ▪ A semi-structured interview guide to inform analysis, to be used by the national consultant
	5 days

2. Review and provide feedback (ensuring information collected meets the needs of the analysis) to the national consultant on the conducted stakeholder interviews (approx. 10-15)	2 days

3. Development of the "Institutional analysis of the current national system and processes related to climate change in Turkmenistan to inform the development of the NAP process and sectoral integration of climate change adaptation", including:
  ▪ An annotated outline of the analysis
  ▪ A first draft analysis for review and feedback
  ▪ A final analysis incorporating comments and feedback
	15 days

4. Lead (in collaboration with the national consultant and the NAP GN) the organization of a 2-day national validation and capacity-building workshop on the NAP process, results from the analysis and sectoral integration for the NAP process in Ashgabat, Turkmenistan	3 days
5. Attend the 2-day national validation and capacity-building workshop and present the results from the analysis in Ashgabat, Turkmenistan	2 days

For all deliverables, the estimated time requirement is **27 days at a rate of 565 EUR.**

Required qualifications

- Master's degree in a relevant field
- Demonstrated expertise in policy analysis
- Demonstrated expertise in climate change adaptation and the National Adaptation Plan (NAP) process
- Good knowledge of climate change and the political system in Turkmenistan
- Strong research and writing skills
- Fluency in English (spoken and written), basic knowledge in Russian

Guiding principles

- The work will be based at the consultant's own premises. The availability in person or via skype/telephone/video conference, as well as required travel to Turkmenistan will be coordinated with the NAP Global Network.
- Share drafts with the NAP Global Network, incorporate comments and present/explain the deliverables upon request. The project will provide feedback and comments within a timely manner, in order to meet the timeline.
- The writing style should be clear and follow a logical report structure, including short and precise formulations
    - Avoid insider or expert jargons
    - Avoid long sentences
    - Use table formats and where appropriate illustrations
- Building on existing resources
    - Build on existing guidelines and research (especially building on existing resources, plans, strategies and reports)
    - Make direct and indirect citations visible and keep a detailed table of references (as per standards of research publications)
    - Consistent academic citation / indication of sources

Reporting

The consultant will work in closely in consultation with Anika Terton (NAP Global Network) and GIZ Turkmenistan (Maya Ashirova) who will provide overall guidance of the project.

Application Process

To apply for this consultancy, please submit a short statement of interest and CV (in English), your daily rate and a proof of your daily rate (e.g., copy of a contract of at least 10 days that states a daily rate) to Anika Terton at aterton@iisd.ca

Application deadline: January 10, 2020
Start date: January 27, 2020

Location: Home-based, with travel to Ashgabat, Turkmenistan

Financial support provided by Germany and the United States: Secretariat hosted by:

Federal Ministry
for Economic Cooperation
and Development

IISD