

Country:	Jordan
Request Identification Number:	2016000002

Title:	Strengthening capacity to access international financing for Jordan's climate technology priorities
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Summary of the CTCN Technical Assistance

The main purpose of this technical assistance requested from the CTCN is to enhance the skill of technical employees in the Ministry of Environment and other relevant Ministries and entities in preparing climate technology oriented projects for domestic and international funding, including but not limited to the Green Climate Fund (GCF).

At this stage, the Jordanian Governmental Authorities have identified focus areas and compiled a large number of early-stage ideas for climate action. Nevertheless, in order to achieve transformational outcomes, the ministries have identified the key challenge of a lack of skills and knowledge in designing articulating climate technology projects and project proposals. In this context, the NDE of Jordan requested the CTCN support to help further develop the skills and expertise of their Jordanian officials in this area. The training and mentoring will include a focus on project structuring, and will be relevant for a large number of sources, including domestically financed climate financing and the GCF.

The support will consist of a one week intensive on-site course. This on site course will be complimented by online-preparation and off-site mentorship.

1. Overview of the CTCN technical assistance

1.1 Technology aspects

At this point, Jordan has already identified the key climate technologies, inter alia via their TNA and communicated 43 project ideas in their third national communication. The goal of this CTCN assistance is to build the capacities of the responsible staff in the Jordanian Government, as well as relevant NGOs and consultancies, to develop these ideas into fundable proposals relevant to both domestic and international funding, including but not limited to the GCF.

1.2 Objectives (outcomes)

In the short-term, the proposed CTCN assistance will support the development of 3-5 concept notes for submission to the GCF. In the medium term, the capacities built during the project will help the Jordanian Government not only to successfully write proposals for funding, but also to improve project structuring. The short-to medium term effects will thus be established and enhanced capacity in Jordan to formulate and submit meaningful project proposals, including relevance to the GCF. This strengthened capacity will be directly attributable to the CTCN assistance.

1.3 Results (outputs expected from CTCN assistance)

The main outputs planned under the present technical assistance are the following:

- 1) Output: Pre-Course Interaction between the course experts and the Jordanian target group
Indicator: Feedback on Project Idea Notes
- 2) Output: On-Site Course

Indicator: Post-Course Survey

- 3) **Output:** Ongoing Support in the Development of 3 - 5 Concept Notes

Indicator: Concept Note Documents

1.4 Expected use of outputs

The skills developed in the course are essential for acquiring international funding for climate activities. The trained participants will become national experts for preparing proposals. They will also play the role of trainers in other locally arranged workshops to build capacity for preparing fundable proposals. A direct, short term output of the project will be up to five concept notes developed ready for submission. In the long term, Jordan will have a number of proposals ready for funding, so it can achieve the intended adaptation and mitigation targets.

Once the national experts are trained in preparing proposals, the Jordanian government is planning to prepare an Action Plan to translate all project ideas (from national communication and INDC and TNA) to real fundable proposals.

2. Description of the Assistance

2.1 Activities

Activity 1 – Preparation Phase: Review of the project idea notes

In the time period prior to the field course, the participants will work out a small number of project idea notes in small groups, which will be reviewed and commented on by the experts. After the feedback the participants will revise their PINs so they can be used as a starting point in the course.

Development of the Task Description for PINs. The support will develop a commented PIN templated based on a drastically shortened version of the GCF and/or other relevant concept note templates to guide the participants through the “homework” of PIN development. The participants will receive this guidance prior to writing up their PINs (of no more than 2 pages).

Feedback to participants, participants revise their PINs for the main course.

Activity 1 – Deliverables

Deliverables	Delivery date
<i>Task Description, including a PIN template and guidance on PIN development</i>	<i>Week 1</i>
<i>Feedback</i>	<i>Week 5</i>

Activity 2 – Training course

This is the main activity of the response plan, a 1-week course.

Preparation Phase for the teachers (1 Week). As the course will be tailor-made to the needs of the participants based on the PINs developed, the teachers are expected to thoroughly prepare the lessons. This includes the preparation of presentations, group-work activities and other modules for example by tailoring the examples used to the specific needs and technologies identified as suitable in Jordan as by the five PINs developed in Activity 1.

The course consists of 5 days training combining theory and practices. Three experts in climate change project proposals (both in mitigation and adaptation) will be responsible for the training. The

target group is engineers from the Ministry of Environment and other relevant ministries and national actors up to a maximum of 25 participants. Note that the following outlines of the course are only preliminary and will be adjusted during the preparation phase, including input from Activity 1.

The proposed modules for the training are:

Day 1 – Theory:

- Introduction
- The GCF, its procedures and terminologies
- Introduction to all sections of the GCF Concept Note Template

Day 1 – Practice:

- Participants evaluate each other’s revised PINs drawing from the GCF and other financing opportunity investment framework criteria
- Evaluations are discussed in small groups

Day 2 – Theory:

- Financial Options offered by GCF and other relevant sources of climate financing, introduction of “grant equivalents” and “least concessionality”
- Climate Impact Potential
- Paradigm Shift Potential
- Sustainable Development Potential

Day 2 – Practice:

- Suitable exercise to be developed in the preparation phase

Day 3 – Theory:

- Needs of the Recipient
- Country Ownership
- Effectiveness and Efficiency
- Risk & Barriers

Day 3 – Practice:

- Exercise on Risk-Analysis, using “Reverse Worst Case Story Telling”

Day 4 – Practice:

- Development of Draft Concept Notes using relevant templates
- Evaluation of other groups draft concept notes using relevant investment frameworks

Day 5 – Wrap-Up and Outlook

- Group Decision on priorities among the five concept notes
- Outlook on the remaining steps towards project implementation

Activity 2 – Deliverables

Deliverables	Delivery date
<i>Detailed Schedule & Teaching Material for the Course</i>	<i>Week 10</i>
<i>Feedback Report and Course Evaluation Survey</i>	<i>Week 10</i>

Activity 3 – Follow-up phase: feedback on draft concept notes

Feedback is provided on 3-5 draft concept notes (selected in Activity 2), in up to 3 iterations in writing and, when appropriate, discussed on the phone. The feedback will include a summary note and in-document comments when appropriate.

Activity 3 – Deliverables

Deliverables	Delivery date
<i>Up to three rounds of Feedback to 3-5 GCF Concept Note Drafts</i>	<i>Week 18</i>
<i>Technical assistance report of up to 10 pages (see section 3.4)</i>	<i>Week 20</i>

2.2 Synergies and Baseline Setting

43 Project Ideas are currently discussed in the Ministry and are included in the INDC and TNC. The TNA is ongoing and has already identified and prioritised adaptation and mitigation technologies.

2.3 Timeline

Activity	Month												
	Jun	Jul	Aug	Sep	Oct	Nov							
1	X	X											
2			X										
3				X	X	X							

2.4 Expertise required

Activity 1	<i>Homework Phase : Review of the project idea notes</i>
<i>Expert 1</i>	Financing Expert, 1 day
<i>Expert 2</i>	Mitigation Technologies Expert, 1 day
<i>Expert 3</i>	Adaptation Technologies Expert, 1 day
Activity 2	<i>Training course</i>
<i>Expert 1</i>	Financing Expert, 10 days (5 days preparation, 5 days on site)
<i>Expert 2</i>	Mitigation Technologies Expert, 10 days (5 days preparation, 5 days on site)
<i>Expert 3</i>	Adaptation Technologies Expert, 10 days (5 days preparation, 5 days on site)
<i>On-Site Teaching</i>	28 participants (3 experts + 25 participants), 5 days board, lodging and workspace
<i>Materials</i>	Generic group-work support material (Poster-Size Papers, Markers, Stickers, etc., depending on the details of the courses)
Activity 3	<i>Follow-up phase: feedback on draft concept notes</i>
<i>Expert 1</i>	Financing Expert, 2 days
<i>Expert 2</i>	Mitigation Technologies Expert, 2 days

Expert 3 Adaptation Technologies Expert, 2 days

2.5 Main partners

Stakeholder	Role to support the implementation of the CTCN assistance
<i>Staff from Ministry of Environment and relevant Ministries and entities</i>	<i>The NDE will support the implementer in coordination and logistics activities. Up to 25 staff will participate in the training.</i>

2.6 Indicative budget

Activities	Estimated Budget (USD)		
	staff	expenses	activity total
Activity 1	2,500		2,500
Activity 2	25,00	20,500	45,500
Activity 3	5,000		5,000
Measures, evaluation and learning (5%)			2,500
Total	32,500	20,500	55,500

Implementation of this Response Plan will be led by the Climate Technology Centre (including selection, contracting, supervision and monitoring of implementation partners) in close coordination with the corresponding National Designated Entity and relevant national actors. Implementation will be led by an International Consortium or Network Partner of CTCN.

2.7 Gender considerations

Gender considerations are only included in the proposal development capacity building in so far as the GCF evaluates Gender as one of four categories of sustainable development co-benefits. Gender balance will also be taken into consideration when selecting the participants to the training, aiming at reaching an equal representation of men and women participants at the workshop. The NDE will be responsible for this listing, which will be discussed with CTCN and the implementer prior to finalization.

2.8 Risk identification and risk mitigation

Risk	Consequence	Probability	Mitigation measure
Homework not Delivered by participants	Evaluation Exercise on day 1 cannot be done	Medium	Flexibility in the schedule
Direct Access Accreditation at GCF fails	Jordan cannot submit proposals to the GCF directly	Medium (short term) to Small (long term)	Proposals can be submitted in collaboration with an accredited international delivery organisation.
Participants are not sufficiently motivated or qualified for the	Capacity building does not achieve desired results of qualified	Medium	Ministry ensures that relevant participants attend, and importance

training.	staff.		of participation is emphasised.
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3. Long-term impacts of the assistance

3.1 Expected climate change-related benefits

	CTCN climate technology impact	Anticipated contribution from CTCN assistance
1	Climate technologies adapted to national context are identified and prioritized to enable their deployment and/or transfer in the requesting countries	Identification of 3-5 Projects for GCF and/or other sources of climate financing for the elaboration of full concept notes
2	New national Technology Needs Assessment (TNA) and Technology Action Plan (TAP) as a result of the response	TNA is already on-going. Course may contribute to enhanced quality input to TNA and TAP.
3	Progress made against mitigation objectives (i.e. energy and carbon intensity reduction) as a result of the response	Via the successful submission of project proposals to climate funds, Jordan implements new mitigation projects, contributing to reduced global GHG emissions
4	Progress made against adaptation or resilience objectives (e.g. climate vulnerability index improvement) as a result of the response	Via the successful submission of project proposals to climate funds, Jordan has enhanced climate change adaptation efforts
5	New mitigation or adaptation technology projects/initiatives implemented as a result of the response	By strengthening institutional capacity in drafting strong project proposals to climate funds, more projects/initiatives will be implemented in Jordan
6	New or strengthened policies/ laws developed, approved and enacted as a result of the response	-
7	New policies/laws where climate change was mainstreamed as a result of the response	-
8	Country integrating climate change mitigation and/or adaptation issues into its planning and policies as a result of the response	-
9	New or strengthened Public-Private Partnerships (PPP) created directly as a result of the response	-
10	New or strengthened twinning arrangement created as a result of the response	-

11	Capacities to access and attract public and private finance increase to enable financing of technology deployment	This is the main goal of the project
12	Post-response intervention funding attributable to the response.	Successful project preparation facility proposal resulting from the 3-5 concept notes will be directly attributable to the intervention.
13	Framework and analysis of local production developed to enable deployment of national production of climate technologies	-

3.2 Co-benefits

	Sustainable Development Goal	Contribution from CTCN assistance
1	End poverty in all its forms everywhere	-
2	End hunger, achieve food security and improved nutrition, and promote sustainable agriculture	-
3	Ensure healthy lives and promote well-being for all at all ages	-
4	Ensure inclusive and equitable quality education and promote life-long learning opportunities for all	-
5	Achieve gender equality and empower all women and girls	-
6	Ensure availability and sustainable management of water and sanitation for all	Implementation of relevant climate change adaptation projects can lead to improved and sustainable water supply.
7	Ensure access to affordable, reliable, sustainable, and modern energy for all	Implementation of climate change mitigation projects in energy sector leads to increased use of clean energy.
8	Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all	-
9	Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation	See goal 13
10	Reduce inequality within and among countries	-
11	Make cities and human settlements inclusive, safe, resilient and sustainable	See goal 13
12	Ensure sustainable consumption and production patterns	See goal 13
13	Take urgent action to combat climate change and its impacts	Capacity to develop relevant project proposals for funding will lead to implementation of relevant climate change mitigation and adaptation actions, and can potential also contribute to SDGs

		6, 7, 9,11, 12, 14 and 15.
14	Conserve and sustainably use the oceans, seas and marine resources for sustainable development	See goal 13
15	Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss	See goal 13
16	Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels	-
17	Strengthen the means of implementation and revitalize the global partnership for sustainable development	-

The intervention only indirectly contributes to SDGs, as the GCF proposals developed with the support of the intervention can be expected to lead to improvement of several SDGs.

3.3. Post-assistance plans and actions

The CTCN intervention already includes a long follow-up phase and support in the form of reviews to the development of proposals. The GCF “Project Preparation Facility” might provide additional support to move from concept note to full proposal. Also, the Jordanian government is planning to further this technical assistance in the following ways:

- 1- National experts certified from this training course will become trainers’ in future national courses in same topic.
- 2- Have a national staff working on more proposals eligible for funding.

3.4 Monitoring and Reporting of technical assistance results and impacts

The CTCN implementer will be monitoring the progress of the activities described in section 2.1 and against the performance indicators table below. The expert should clarify the program objectives to the proponent and regularly assess and make sure that the intended goals are met. The implementer will also be responsible for holding monthly calls with the request proponent to monitor progress. Also, based on the post-course survey, the implementer should provide lessons, highlight significant accomplishments and program potential, and offer recommendations for improvement to the CTCN secretariat (technical assistance report of up to 10 pages). All suggested changes to the activities, processes and/or approaches as outlined in current response plan must be accepted by the CTCN and NDE before they can be applied.

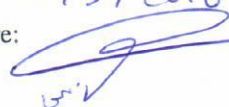
Performance indicators of CTCN Assistance				
Response output <i>(linking to sec 1.2)</i>	How output will be used to ensure creation of result	Expected result	Expected outcome of result <i>(linking to sec 1.1)</i>	Anticipated impact that outcome will produce <i>(linking to section 3)</i>
Preparation	<p>The PIN template will be based on the GCF proposal categories, ensuring familiarity with those.</p> <p>The support group will analyze the PINs to identify weaknesses and needs of the participants beyond the initially communicated demands.</p>	<ul style="list-style-type: none"> - Initial Project Ideas elaborated - First Contact with relevant Proposal Categories - Support in the Identification of Participants Needs 	<ul style="list-style-type: none"> - Participants are ready for step 2 - Support Group can tailor the course to the participants needs - Capacity building is country driven and needs-based 	Effectiveness and appropriateness of training is maximised
Training Course	<p>The course will use modern didactic approaches by combining input-lectures with interactive forms of teaching.</p> <p>Participants will use real-life cases in the training and thus develop concept notes while progressing in the course.</p>	<ul style="list-style-type: none"> - Participants are familiar with relevant Proposal Categories - Participants have developed advanced draft Concept Notes relevant to GCF or other climate financing opportunities - Participants are able to realistically self- 	<ul style="list-style-type: none"> - Participants are able to develop GCF Concept Notes and ready for step 3 - The participants' general skills in project structuring and proposal writing are increased. 	Participants contribute to better quality proposals that achieve funding and implementation

**CTCN Technical Assistance
Response Plan**

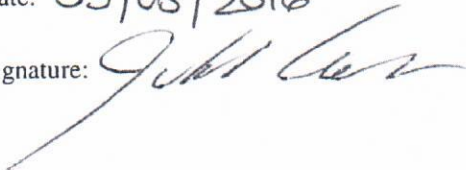
<p>Follow Up</p>	<p>The draft concept notes developed during the course will be refined by the participants and go through up to three rounds of review from the experts each. In this process, any remaining doubts and unclarities about the course content should surface and will be resolved.</p>	<p>assess the quality of their proposal</p> <ul style="list-style-type: none"> - Concept Notes are developed sufficiently to be ready for submission - The acquired capacities are applied and thus deepened and refined. 	<ul style="list-style-type: none"> - Submission of eligible and competitive proposals to the GCF with 	<p>A real chance of acquiring funding for climate actions in Jordan Country-driven climate actions implemented in Jordan</p>
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4. Signatures

Signatures of the requesting country

NDE	Request Proponent
Name: <i>Hanadi Marie</i> Title: <i>Head of Adaptation Section</i> Date: <i>Climate change Directorate</i> <i>15/5/2016</i> Signature: 	Name: Title: Date: Signature:

Signatures of the CTCN

CTCN Director	Climate Technology Manager
Name: <i>Jukka Uosakainen</i> Title: <i>Director</i> Date: <i>09/05/2016</i> Signature: 	Name: Title: Date: Signature:

Annex 1: Response Logframe

Activity (link to sec 2)	Description of sub-activities conducted by the CTCN	Output/ Deliverable (link to sec 1.3)	Expected Outcome (link to sec 3)	Main national partners involved	Objectively Verifiable Indicator (see Annex 2 for guidance)	Means of Verification (data source, method of collection, responsibility and periodicity)
Activity 1: Prepare project idea notes (PINs)	Activity 1.1 Prepare and distribute task description and guidance	Pre-Course Interaction between the Course Support Group and the Jordanian target group	Participants are ready for step 2	Ministry of Environment, Jordan, selected course participants	Feedback provided by selected Course Support Group on Project Idea Notes	Course Support Group examine submitted PINs and assess existing understanding, capacity and needs
	Activity 1.2 Participants prepare PINs		Support Group can tailor the course to the participants needs			
	Activity 1.3 Provide feedback to participants					
Activity 2: one-week training course in Jordan	Activity 2.1 Prepare course, presentations, logistics, etc.	Final course schedule and teaching materials	Participants are able to develop GCF Concept Notes and ready for step 3	Ministry of Environment, Jordan, selected course participants	Post-Course Survey	Course Support Group examines survey and evaluates quality of draft concept notes.
	Activity 2.2 Carry out course	On-Site Course			Prepared draft concept notes	
	Activity 2.3 Evaluate course	Feedback Report and Course Evaluation Survey			No. of female participants trained	
Activity 3: Ongoing Support in the Development of 3 - 5 GCF Concept Notes	Activity 3.1 Participants develop selected Concept Notes, submit to Course Support Group	Up to three rounds of Feedback to 3-5 GCF Concept Note Drafts	Selected Concept Notes are refined to a stage where they can be considered ready for submission to	Ministry of Environment, Jordan, selected course participants	Concept Note Documents and their evaluation by the Course Support Group	Examination and evaluation of quality of Concept Note Documents
	Activity 3.2 Course					



*Support Group provides
feedback on quality of
Concept Notes and
readiness for submission*

**CTCN Technical Assistance
Response Plan**

GCF.