

Readiness and Preparatory Support Proposal

How to complete this document?

- A [Readiness Guidebook](#) is available to provide information on how to access funding under the GCF Readiness and Preparatory Support programme. It should be consulted to assist in the completion of this proposal template.
- This document should be completed by National Designated Authorities (NDAs) or focal points with support from their delivery partners where relevant.
- Please be concise. If you need to include any additional information, please attach it to the proposal.
- Information on the indicative list of activities eligible for readiness and preparatory support and the process for the submission, review and approval of this proposal can be found on pages 11-13 of the guidebook.
- For the final version submitted to GCF Secretariat, please delete all instructions indicated in italics in this template and provide information in regular text (not italics).

Where to get support?

- If you are not sure how to complete this document, or require support, please send an e-mail to countries@gcfund.org. We will aim to get back to you within 48 hours.
- You can also complete as much of this document as you can and then send it to countries@gcfund.org. We will get back to you within 5 working days to discuss your submission and the way forward.

Note: Environmental and Social Safeguards and Gender

Throughout this document, when answering questions and providing details, please make sure to pay special attention to environmental, social and gender issues, particularly to the situation of vulnerable populations, including women and men. Please be specific about proposed actions to address these issues. Consult page 7 of the readiness guidebook for more information.

| SECTION 1: SUMMARY | |
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| 1. Country submitting the proposal | <p>Country name: State of Palestine Name of institution (representing National Designated Authority or Focal Point): Environment Quality Authority Name of official: Ms. Adalah Ateereh Position: Chair of Environment Quality Authority Telephone: 972 2 2403498 Email: chairman@environment.pna.ps Full Office address: Albireh, Al-Sharafa, Fax: 972 2403494, P.O.Box 3841 Name of Focal Point: Mr. Nedal Katbeh-Bader, Minister Advisor for Climate Change Environment Quality Authority Telephone: 972 599 201541 Email: n72065@hotmail.com Full Office address: Albireh, Al-Sharafa, Fax: 972 2403494, P.O.Box 3841</p> |
| 2. Date of initial submission | 29/7/2017 |
| 3. Last date of resubmission | 27/09/2017 |
| 4. Which entity will implement the Readiness and Preparatory Support project? | <p><input type="checkbox"/> National Designated Authority <input checked="" type="checkbox"/> Delivery partner <input type="checkbox"/> Accredited entity Name of institution: UN Environment Programme – The Climate Technology Centre and Network (CTCN) Name of official: Jukka Uosukainen Position: Director; Telephone: +4545335380 Email: jukka.uosukainen@unep.org Manfredi Caltagirone Email: manfredi.caltagirone@unep.org Full Office address: UNFCCC Climate Technology Centre and Network - UN City, 2100 Copenhagen, Denmark</p> |
| 5. Title of the Readiness support proposal | Technology Road Map for the Implementation of Climate Action Plans in Palestine. |
| 6. Type of Readiness support sought | <p>Please select one option below (one box or circle)</p> <p><input checked="" type="checkbox"/> X Readiness <input type="radio"/> Establishing and strengthening national designated authorities or focal points <input type="radio"/> Strategic frameworks, including the preparation of country programmes <input type="radio"/> Support for accreditation and accredited direct access entities</p> <p><input type="checkbox"/> Adaptation Planning</p> |
| 7. Brief summary of the request | <p>Please include a brief description of the general readiness context; specific readiness challenge; solution/outcome identified; how GCF Readiness support activities will advance this solution; and how this change will be visible over time. (200 words maximum)</p> <p>Palestine is adversely affected by climate change that compounds the problem of scarcity of water resources, food insecurity, land degradation and desertification and endangering the livelihood of Palestinian communities. This is further exacerbated by an increase in frequency and intensity of extreme weather and climate events such as drought flash flood, winter storms and heat waves.</p> <p>To overcome these challenges, Palestine has been very proactive in pursuing climate governance as illustrated by the following actions: i) Became a state party to the UNFCCC on 17 March 2016; ii) Signed and ratified Paris Agreement on 22 April 2016 and iii) Became a state party to Paris Agreement on 4th November 2016; and iv) the Palestinian</p> |



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| | <p>Government has nominated the Environment Quality Authority (EQA) as the Country's National Designated Authority (NDA) to the Green Climate Fund (GCF) and was acknowledged by the GCF on 25 November 2016; and v) Submitted Initial National Communication Report (INCR), National Action Plan (NAP) and Nationally Determined Contributions (NDC) to UNFCCC on November 2016.</p> <p>To access the GCF resources and fulfil its duties as an efficient, lean and effective NDA to the GCF, EQA is already seeking GCF Readiness and preparatory supports under four Thematic Areas: Area 1: Country capacity strengthened; Area 2: Stakeholders engaged in consultative processes; Area 4: Access to finance and Area 5: Private sector mobilization, for creating an enabling environment to enhance capacity of NDA and key partners to mainstream climate change into the national and local planning process.</p> <p>To further complement the outputs and activities under the 4 Thematic Areas and in order to enable NDA to access GCF resources to implement the INCR, NAP and NDC goals, this proposal supported by CTCN seeks to develop a comprehensive 'Gender Responsive Climate Technology Roadmap to Implement the Climate Actions in Palestine' through the following three outputs:</p> <ul style="list-style-type: none"> ▪ Output 1. Climate mitigation and adaptation climate technologies and inclusive businesses for transfer to Palestine identified, prioritized and approved; ▪ Output2. Roadmap for the implementation of the gender responsive climate mitigation and adaptation technologies and businesses transfer as prioritized in the INCR, NAP and NDC developed and approved; ▪ Output3: Gender responsive Capacity development programme to strengthen the policy, regulatory, institutional, technical, financial, business and social capacity of the key stakeholders developed and approved. <p>This Readiness project will be implemented by United Nations Environment, through the Climate Technology Centre and Network.</p> |
| <p>8. Total requested amount and currency</p> | <p><i>USD 254,100</i></p> |
| <p>9. Anticipated duration</p> | <p>1 Oct 2017 to 31 Sept 2018 (12 months)</p> |

SECTION 2: LOGICAL FRAMEWORK

Please complete the table below by including proposed outcomes, baseline situations, the targets for implementation period, and the activities to be undertaken, including key outputs or deliverables. Please add rows for additional outcomes as needed. For further guidance on completing the table, please refer to the guidebook "Accessing the GCF Readiness and Preparatory Support Programme", including specific Outcomes to select from.

| OUTCOMES | BASELINE | TARGET | ACTIVITIES Please include at least one specific deliverable output for each activity, and the timeframe (month number) in which it will be delivered to GCF. |
|---|-------------------|--|--|
| Output 1. Climate mitigation and adaptation technologies and inclusive businesses for transfer to Palestine identified and prioritized | 2017: None | 2018: 1 identification and prioritization report developed and approved | |
| | | | 1.1 Assess key success factors and best practices and suitability in national, regional and international mitigation and adaptation technologies and businesses that could be adapted and adopted in Palestine (including currently used technologies in Palestine). |
| | | | 1.2 Evaluate the gaps, needs, challenges and opportunities to scale up the proven and viable adaptation and mitigation solutions and inclusive businesses for various sectors for long term and sustainable impact beyond the one off project. |
| | | | 1.3 Develop methods to diagnose and design range of climate technology transfer projects, accessibility and acceptability from the prioritized technology portfolio. |
| | | | 1.4 Identification and assessment of key barriers for each prioritized technology: Specific barriers, Market barriers, Economic and financial barriers, Human skills, Technical barrier, Information and awareness, Legal (Intellectual Property Rights) and regulator barriers, Socio-cultural and gender barriers and Networking barriers. |
| | | | 1.5 Assess the enabling environment for each action, for example domestic policy support frameworks and institutional barriers. |
| | | | 1.6 Understand the mix of financial and non-financial measures required to successfully implement each action. |
| | | | 1.7 Develop toolkits for making informed decisions on the choice of the technology (e.g. cost benefit analysis, cost effective analysis, multi criteria analysis) with regards to implementation, accessibility to |

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| | | | financing and resources, availability of service reliability and resource security and social acceptability and ecological improvements. CTCN gender mainstreaming tool will be used as baseline reference to assure that gender issues will be included since the early stage of the technology prioritisation of this proposal and throughout all the subsequent Outputs 2,3. A description of the gender tool can be found at this link: https://www.ctcn.org/technologies/ctcn-gender-mainstreaming-tool-response-plan-development |
| | | | 1.8Ranking of mitigation and adaptation technologies and develop a prioritised pipeline of fundable climate adaptation and mitigation solutions and businesses aligned with NDC and GCF Strategic Impact Areas. |
| Output 2. Roadmap for the implementation of the gender responsive mitigation and adaptation technology and business transfer as prioritized in the INCR, NAP and NDC developed and approved | 2017: None | 2018: 1 Roadmap developed and approved | |
| | | | 2.1 Develop a comprehensive roadmap for removing the barriers and risks (policy and financial de-risking instruments) for the implementation of the prioritized technology with regards to the scale and scope of the roadmap (national vs. local levels), duration, institutional and political ownership, implementation arrangements and oversight structure, funding modality and expected impacts |
| | | | 2.2 Develop a management plan for the monitoring and evaluation of prioritized mitigation and adaptation technologies and business transfers with clearly defined and gender responsive activities, logical results framework with SMART indicators (Specific, Measureable, Achievable, Realistic and Time-bound), baseline and targets, Monitoring and Evaluation strategy, timelines, budget and roles and responsibilities of partners and exit strategy post GCF support. |
| Output 3: Gender responsive capacity development programme developed and approved to strengthen the policy, regulatory, institutional, technical, financial, business and social capacity of the key partners | 2017: None | 2018: 1 gender responsive capacity development programme developed and approved | |

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| | | | <p>3.1. Develop a long term gender responsive Capacity Development Programme to strengthen the absorptive and implementation capacities of the public, private and CSO partners capable of <i>“Shifting the paradigm to transform development and climate challenges into low carbon and resilient development and inclusive income generation and business opportunities as robust exit strategy beyond the one-off project”</i> by enhancing the (see Annex 1 for details): Policy and regulatory ad institutional competence; Technical competence; Financial competence; Business competence; Gender and social engagement capacity</p> |
| | | | <p>3.2 Based on national, regional and international lessons learned and best practices, developed the gender sensitive knowledge and communication products (guidelines, manuals, handbooks, toolkits) to train public, private and CSO partners and value chain as green social entrepreneurs to scale up climate adaptation and mitigation businesses. The knowledge and communication products will also be used for gender sensitive awareness raising, marketing and South-South knowledge exchange and sharing. As mentioned within Output1, CTCN has developed a gender mainstreaming tool which is embedded into the template of the Response Plan, namely the document utilised for the design of all technical assistances developed by CTCN. A devote section on gender is also available in the website (https://www.ctc-n.org/technology-sectors/gender).</p> <p>This section and the whole Readiness proposal can benefit from that approach which also entails already established working relationships on the topic with major specialised international players.</p> |
| | | | <p>3.3. Based on the capacity development programme developed, participatory, interactive and gender responsive training will be organised to train:</p> <ul style="list-style-type: none"> i) Project proponents (e.g. NIE/EEs) to design and formulate high quality concept notes and full proposals for meeting the GCF investment criteria and ESS and ii) NDA/FP to appraise and select high quality concept notes and proposals for submission to GCF or other donor iii) Trainers from key institutions (e.g. University, R and D) capable of training key stakeholder as a robust exit strategy. |
| | | | <p>3.4 Organise capacity-building for the institutions that will deliver the roadmap, to administer and successfully implement it. This will also help with developing expertise in project implementation, MRV and financing.</p> |
| | | | <p>3.5 Develop gender sensitive communications and guidance that may be needed to support the implementation of the roadmap (e.g. marketing materials and technical guidance).</p> |
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SECTION 3: ADDITIONAL INFORMATION

Please explain how this grant will help deliver on the country's readiness needs as identified above and build on institutions, processes or existing work already underway in the country. Please refer to the Guidebook for more specific information on completing this section.

Palestine has developed and submitted to UNFCCC its INCR, NAP and NDCs in consultation with key stakeholders and has also formulated the "Capacity Development Action Plan to Implement Climate Change "Phase 1" for mainstreaming climate change into the national planning process. The Capacity Development Action Plan clearly highlights the following gaps that hinder effective implementation of climate change measures. These include:

- Understand a variety of adaptation and mitigation technologies available in the market and affordable for various sectors as well as their suitability to be implemented.
- Develop methods to diagnose and design range of climate technology transfer projects accessibility and acceptability from the prioritized technology portfolio and linking them to climate finance mechanisms.
- The work should involve detailing technological requirements for the diagnostic and design method that refer to implementation, accessibility to financing and resources, availability of service reliability and resource security and acceptability social and ecological improvements.
- Particular skills and resources needed include technical training of the relevant stakeholders to increase their understanding of the mitigation and adaptation technologies that are available and could be used in Palestine.
- Technical training to share experience and best practice with the deployment of these mitigation technologies in similar regions (e.g. other parts of the Middle East).
- Capacity support for developing bankable and financeable business proposals for climate technology transfer and implementation.

Palestine is seeking for GCF support to overcome the above gaps and needs as identified in the Capacity Development Action Plan through following three outputs and their activities as proposed in Table 1 below:

- **Output 1. Climate mitigation and adaptation climate technologies and businesses for transfer to Palestine identified, prioritized and approved;**
- **Output 2. Roadmap for the implementation of the gender responsive climate mitigation and adaptation technologies and businesses transfer as prioritized in the INCR, NAP and NDC developed and approved;**
- **Output 3: Gender responsive Capacity development programme to strengthen the policy, regulatory, institutional, technical, financial, business and social capacity of the key stakeholders developed and approved.**

This proposal will strengthen the capacity of the public, private and CSO stakeholders to design and implement the climate mitigation and adaptation measures as prioritized in the NDC and hence contribute to national development plan and national targets on climate change technologies. Furthermore, how these outputs and activities will help to complement the outputs under the 4 Thematic Areas and strengthen the Palestine's GCF Readiness support is elaborated in Table 1:

| Table 1: Complementary contributions of the Technology Roadmap in Strengthening the GCF Readiness of Palestine | |
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| Thematic Areas | Complementary contributions of the Technology Roadmap |
| 1. Country capacity strengthened | |
| <i>1.1 NDA/focal point lead effective coordination mechanism</i> | <p>Output 2. Roadmap for the implementation of the gender responsive climate mitigation and adaptation technologies and businesses transfer as prioritized in the INCR, NAP and NDC developed and approved:</p> <ul style="list-style-type: none"> ▪ The Roadmap for the implementation of the mitigation and adaptation technologies under Output 2 will help to strengthen the capacity of the NDA to lead effective and constructive coordination and cooperation between NDA, GCF Secretariat and key stakeholders |

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| <p>1.2 No objection procedure established and implemented</p> | <p>Output 2. Roadmap for the implementation of the gender responsive climate mitigation and adaptation technologies and businesses transfer as prioritized in the INCR, NAP and NDC developed and approved</p> <ul style="list-style-type: none"> ▪ The Roadmap will be designed to incorporate the No-Objection procedure and provide the opportunities to implement and improve the No-objection procedure <p>Output 3: Gender responsive Capacity development programme to strengthen the policy, regulatory, institutional, technical, financial, business and social capacity of the key stakeholders developed and approved:</p> <ul style="list-style-type: none"> ▪ Training on the No-Objection procedure for the key stakeholders will be incorporated into the capacity development programme |
| <p>1.4 Monitoring, oversight and streamlining of climate finance</p> | <p>Output 2. Roadmap for the implementation of the gender responsive climate mitigation and adaptation technologies and businesses transfer as prioritized in the INCR, NAP and NDC developed and approved:</p> <ul style="list-style-type: none"> ▪ The Roadmap will incorporate a transparent monitoring and evaluation system (MRV) supported with a strong financial framework and oversight structure where climate finance will be integrated into the national development and budgetary system for tracking and tagging climate expenditures <p>Output 3: Gender responsive Capacity development programme to strengthen the policy, regulatory, institutional, technical, financial, business and social capacity of the key stakeholders developed and approved:</p> <ul style="list-style-type: none"> ▪ Training on the monitoring and evaluation system will be conducted for key stakeholders |
| <p>2. Stakeholders engaged in consultative processes</p> | |
| <p>2.1 Stakeholders engaged in consultative processes</p> | <p>Output 1. Climate mitigation and adaptation climate technologies and inclusive businesses for transfer to Palestine identified, prioritized and approved:</p> <ul style="list-style-type: none"> ▪ In order to generate strong buy in and ownership, key Public, private and CSO stallholders will be consulted for the identification and prioritization of mitigation and adaptation technologies |
| <p>2.2 Country programmes, including adaptation priorities, developed and continuously updated</p> | <p>The three outputs will support the development of the Country Strategic Programme. Furthermore the already available CTCN gender tool will be applied transversally to all Outputs during the elaboration of the various country programmes.</p> <p>Output 1. Climate mitigation and adaptation technologies and businesses for transfer to Palestine identified, prioritized and approved:</p> <ul style="list-style-type: none"> ▪ 8 sub-activities will be carried out to deliver this output by: Assessing the barriers, gaps, needs, challenges, opportunities and key success factors to scale up and replicate proven and viable adaptation and mitigation climate technologies that are well aligned with NDC goals and GCF Strategic Impact Areas; Assessing the enabling environment and robust financial structures and frameworks required for technology transfer and deployment with strong exit strategy for ensuring financial sustainability; Developing decision making toolkits for the prioritization and ranking of fundable technologies (e.g. cost benefit analysis, cost effective analysis, multi criteria analysis) with consideration on ease of implementation, accessibility to financing and resources, availability of service reliability and resource security and social acceptability and ecological improvements.. <p>Output 2. Roadmap for the implementation of the gender responsive climate mitigation and adaptation technologies and businesses transfer as prioritized in the INCR, NAP and NDC developed and approved:</p> <ul style="list-style-type: none"> ▪ 2 sub-activities will be conducted to deliver this output by: i) Developing a comprehensive roadmap for removing the barriers and risks (policy, gender and financial de-risking instruments) for the implementation of the prioritized technologies with regards to the scale and scope of the roadmap (national vs. local level), duration, institutional and political ownership, implementation arrangements, funding modality, expected impacts and ii) Developing a management plan for the monitoring and evaluation of prioritized mitigation and adaptation climate technologies and business transfers with clearly defined and gender sensitive activities, logical results framework with SMART (Specific, Measureable, Achievable, Realistic and Time-bound) indicators, baseline and targets, MRV strategy (Measureable, Reportable and Verifiable), timelines, budget and roles and responsibilities of partners and exit strategy post GCF support. |

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| | <p>Output 3: Gender responsive Capacity development programme to strengthen the policy, regulatory, institutional, technical, financial, business and social capacity of the key stakeholders developed and approved:</p> <ul style="list-style-type: none"> To avoid being overly technology focus at the expense of neglecting the financial and business capacity, this output seeks to develop a long-term Capacity Development Programme to strengthen the absorptive and implementation capacities of the key partners by enhancing the Policy and regulatory and institutional capacity; Technical competence; Financial and Business competence; and Gender and social engagement capacity (see Table 1 in Annex 1 for details of the capacity programme). |
| <p>2.3 Stakeholder consultations conducted with equal representation of women</p> | <p>Output 1. Climate mitigation and adaptation technologies and inclusive businesses for transfer to Palestine identified, prioritized and approved</p> <ul style="list-style-type: none"> The felt needs and voices of the women, youth and disadvantaged groups will be taken into account for identifying and prioritising of gender responsive mitigation and adaptation technologies and businesses <p>Output 2. Roadmap for the implementation of the gender responsive climate mitigation and adaptation technologies and businesses transfer as prioritized in the INCR, NAP and NDC developed and approved:</p> <ul style="list-style-type: none"> The Roadmap will incorporate GCF's ESS to guarantee that women, youth and disadvantaged groups are not only beneficiaries of the project/programme but will be empowered as change agent and trained as value chain actors for ensuring sustainable and long term impact <p>Output 3: Gender responsive Capacity development programme to strengthen the policy, regulatory, institutional, technical, financial, business and social capacity of the key stakeholders developed and approved:</p> <ul style="list-style-type: none"> Gender sensitive knowledge and communication platform and products will be developed. At least 30% of the trainees will be women, youth and from disadvantaged groups. |
| <p>3. Access to finance</p> | |
| <p>4.2 Country programmes, concept notes, including on adaptation, developed that implement high-impact priorities identified in INDCs and other national strategies or plans</p> | <p>As mentioned under Output 2.2 above, Palestine is seeking for GCF support to develop a coherent and robust Gender Responsive Country Strategic Programme to implement the NDC through the three outputs.</p> |
| <p>4. Private sector mobilization</p> | |
| <p>5.1 Private sector engaged in country consultative processes</p> | <p>Output 1. Climate mitigation and adaptation climate technologies and inclusive businesses for transfer to Palestine identified, prioritized and approved</p> <p>Output 2. Roadmap for the implementation of the gender responsive climate mitigation and adaptation technologies and businesses transfer as prioritized in the INCR, NAP and NDC developed and approved</p> <p>Output 3: Gender responsive Capacity development programme to strengthen the policy, regulatory, institutional, technical, financial, business and social capacity of the key stakeholders developed and approved:</p> <ul style="list-style-type: none"> Private sector actors including women-led SMEs/MSMEs will be engaged and consulted during consultation and validation workshops to develop Output 1, 2 and 3 Mapping of private sector landscape will be conducted for identifying and training of value chain actors for the scaling up of adaptation and mitigation actions |
| <p>5.2 Enabling environment for crowding-in private sector investments at national, regional and international levels exists</p> | <p>Output 1. Climate mitigation and adaptation technologies and inclusive businesses for transfer to Palestine identified, prioritized and approved</p> <ul style="list-style-type: none"> Identifying barriers for the leveraging of private sector resources including women-led SMEs/MSMEs and how to overcome them through policy and financial de-risking instruments <p>Output 2. Roadmap for the implementation of the gender responsive climate mitigation and adaptation technologies and businesses transfer as prioritized in the INCR, NAP and NDC developed and approved</p> |



**READINESS AND PREPARATORY SUPPORT
PROPOSAL TEMPLATE**

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| <p>Output 2. Roadmap for the implementation of the gender responsive climate mitigation and adaptation technologies and businesses transfer as prioritized in the INCR, NAP and NDC developed and approved</p> | | | | | | | | | | | | | | | Climate Change Specialist |
| <p>2.1 Developing a comprehensive roadmap for removing the barriers and risks (policy and financial de-risking instruments) for the implementation of the prioritized technology with regards to the scale and scope of the roadmap (national vs. local levels), duration, institutional and political ownership, implementation arrangements and oversight structure, funding modality and expected impacts</p> | | | | | | | | | | | | | | | |
| <p>2.2 Develop a management plan for the monitoring and evaluation of prioritized mitigation and adaptation technologies and business transfers with clearly defined and gender sensitive activities, logical results framework with SMART indicators, baseline and targets, MRV strategy, timelines, budget and roles and responsibilities of partners and exit strategy post GCF support.</p> | | | | | | | | | | | | | | | |
| <p>Output 3: Gender responsive Capacity development programme to strengthen the policy, regulatory, institutional, technical, financial, business and social capacity of the key stakeholders developed and approved.</p> | | | | | | | | | | | | | | | Climate Change Specialist |
| <p>3.1. Develop a long term and gender responsive Capacity Development Programme to strengthen the absorptive</p> | | | | | | | | | | | | | | | |

| 4.1. Budget Plan | | | | | | | | | | |
|---|---|------------------------------|-----------------|--------|-------------------------|--------|--|-----|-----|-----|
| Please provide a breakdown of cost estimates and implementation schedule analysed according to the activities suggested in Section 2. Please feel free to replicate this table on Excel spreadsheet if needed. | | | | | | | | | | |
| OUTCOMES (same as in section 2) | ACTIVITIES (same as in section 2. Include at least one specific deliverable output for each activity, and the month number in which it will be delivered to GCF) | TOTAL COST (per activity) | COST CATEGORIES | | | | EXPENDITURE AND IMPLEMENTATION SCHEDULE (add columns if >24 months) | | | |
| | | | Consultants | Travel | Workshops/ Trainings | Others | 6m | 12m | 18m | 24m |
| Output 1. Identification and prioritization of mitigation and adaptation technologies and businesses for transfer to Palestine <i>Deliverable: Identification and Prioritization Report</i> <i>Completed 6 months after 1st disbursement</i> | 1.1 Assess key success factors and best practices and suitability in national, regional and international mitigation and adaptation technologies and businesses that could be adapted and adopted in Palestine (including currently used technologies in Palestine) | 13,000 | 6,000 | 2,000 | 5,000 | | 13,000 | | | |
| | 1.2 Evaluate the gaps, needs, challenges and opportunities to scale up the proven and viable adaptation and mitigation solutions and inclusive businesses for various sectors for long term and sustainable impact beyond the one off project | 12,000 | 6,000 | 1,000 | 5,000 | | 12,000 | | | |
| | 1.3 Develop methods to diagnose and design range of climate technology transfer projects, accessibility and acceptability from the prioritized technology portfolio | 7,000 | 6,000 | 1,000 | | | 7,000 | | | |



**READINESS AND PREPARATORY SUPPORT
PROPOSAL TEMPLATE**

PAGE 16 OF 28 | Ver. 15 June 2017

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| 1.4 Identification and assessment of key barriers for each prioritized technology: Specific barriers, Market barriers, Economic and financial barriers, Human skills, Technical barrier, Information and awareness, Legal (Intellectual Property Rights) and regulator barriers, Socio-cultural barriers, Network barriers | 9,000 | 6,000 | 1,000 | 2,000 | | 9,000 | | | |
| 1.5 Assess the enabling environment for each action, for example domestic policy support frameworks and institutional barriers. | 7,000 | 6,000 | 1,000 | | | 7,000 | | | |
| 1.6 Understand the mix of financial and non-financial measures required to successfully implement each action. | 7,000 | 6,000 | 1,000 | | | 7,000 | | | |
| 1.7 Develop toolkits for making informed decisions on the choice of the technology (e.g. cost benefit analysis, cost effective analysis, multi criteria analysis) with regards to implementation, accessibility to financing and resources, availability of service reliability and resource security and social acceptability and ecological improvements | 7,000 | 6,000 | 1,000 | | | 7,000 | | | |
| 1.8 Ranking of mitigation and adaptation technologies and develop a prioritised pipeline of fundable climate adaptation and mitigation solutions and businesses aligned with NDC and GCF Strategic Impact Areas | 6,000 | 4,000 | 2,000 | | | 6,000 | | | |

| | | Sub-total | 68,000 | 46,000¹ | 10,000² | 12,000³ | | 68,000 | | | |
|---|---|------------------|---------------|---------------------------|---------------------------|---------------------------|--|---------------|---------------|--|--|
| Output 2. Roadmap for the implementation of the gender responsive mitigation and adaptation technology and business transfer identified in the INCR, NAP and NDC Deliverable: Implementation Roadmap Completed 6 months after 1st disbursement | 2.1 Developing a comprehensive roadmap for removing the barriers and risks (policy and financial de-risking instruments) for the implementation of the prioritized technology with regards to the scale and scope of the roadmap (national vs. local levels), duration, institutional and political ownership, implementation arrangements and oversight structure, funding modality and expected impacts | | 30,000 | 20,000 | 5,000 | 5,000 | | | 30,000 | | |
| | 2.2 Develop a management plan for the monitoring and evaluation of prioritized mitigation and adaptation technologies and business transfers with clearly defined and gender sensitive activities, logical results framework with SMART indicators, baseline and targets, MRV strategy, timelines, budget and roles and responsibilities of partners and exit strategy post GCF support. | | 38,000 | 22,000 | 7,000 | 9,000 | | | 38,000 | | |
| | Sub-total | | 68,000 | 42,000⁴ | 12,000⁵ | 14,000⁶ | | | 68,000 | | |
| | 3.1. Develop a long term and gender responsive Capacity Development Programme | | 16,000 | 13,000 | 3,000 | | | | 16,000 | | |

¹Cost to recruit one international consultant to develop the Technology Identification and Prioritization Report. Total estimated level of efforts is estimated at 46 working days distributed over 6 months. Daily rate for senior international consultant is estimated at 1,000 USD per day, inclusive of DSA for the days spend in the field.

²Return and local travel costs for one international consultant

³Cost for organizing and conducting a one day stakeholder consultation workshop on Technology Identification and Prioritization

⁴Cost to recruit one international consultant to develop the Technology Roadmap. Total estimated level of efforts is estimated at 42 working days distributed over 6 months. Daily rate for senior international consultant is estimated at 1,000 USD per day, inclusive of DSA for the days spend in the field.

⁵Return and local travel costs for one international consultant

⁶Cost for organizing and conducting a one day validation workshop on Technology Roadmap



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|---|---|---------------|-------------|-------------|--|-------------|--|---------------|--|--|
| <p>Output 3: Gender responsive Capacity development programme developed, tested and improved to strengthen the policy, regulatory, institutional, technical, financial, business and social capacity of the key partners</p> | <p>to strengthen the absorptive and implementation capacities of the public, private and CSO partners capable of <i>“Shifting the paradigm to transform development and climate challenges into low carbon and resilient development and inclusive income generation and business opportunities as robust exit strategy beyond the one-off project”</i> by enhancing the: Policy and regulatory ad institutional competence; Technical competence; Financial competence; Business competence; Gender and social engagement capacity</p> | | | | | | | | | |
| <p>Deliverable: Capacity Development Programame Completed 12 months after 1st disbursement</p> | <p>3.2 Based on national, regional and international lessons learned and best practices, developed, test and improved the gender sensitive knowledge and communication products (guidelines, manuals, handbooks, toolkits) to train public, private and CSO partners and value chain as green social entrepreneurs to scale up climate adaptation and mitigation businesses. The knowledge and communication products will also be used for awareness raising, marketing and South-South knowledge exchange and sharing.</p> | <p>13,000</p> | <p>8000</p> | <p>2000</p> | | <p>3000</p> | | <p>13,000</p> | | |

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|--|---|---------------|---------------------------|--------------------------|---------------------------|---------------------------|---------------|--|--|
| | <p>3.3. Based on the capacity development programme developed, participatory and gender sensitive training will be organised to train:</p> <p>i) Project proponents (e.g. NIE/EEs) to design and formulate high quality concept notes and full proposals for meeting the GCF investment criteria and ESS and</p> <p>ii) NDA/FP to appraise and select high quality concept notes and proposals for submission to GCF or other donor</p> | 16,000 | 9,000 | 2,000 | 5,000 | | 16,000 | | |
| | <p>3.4 Organise gender responsive capacity-building for the institutions that will deliver the roadmap, to administer and successfully implement it. This will also help with developing expertise in project implementation, MRV and financing.</p> | 16,000 | 9,000 | 2,000 | 5,000 | | 16,000 | | |
| | <p>3.5 Develop gender responsive communications and guidance that may be needed to support the implementation of the roadmap (e.g. marketing materials and technical guidance).</p> | 13,000 | 8,000 | | 3,000 | 2,000 | 13,000 | | |
| | Sub-total | 74,000 | 47,000⁷ | 9,000⁸ | 13,000⁹ | 5,000¹⁰ | 74,000 | | |
| CONTINGENCY (UP TO 5% OF TOTAL ACTIVITIES)¹¹ | | 10,500 | | | | 10,500 | 10,500 | | |

⁷Cost to recruit one international consultant to develop the gender responsive knowledge and communication products and platform. Total estimated level of efforts is estimated at 47 working days distributed over 6 months. Daily rate for senior international consultant is estimated at 1,000 USD per day, inclusive of DSA for the days spend in the field.

⁸Return and local travel costs for one international consultant

⁹Estimated cost for organizing and conducting a one day participatory training workshop on the Technology Roadmap

¹⁰Estimated cost for the printing and publishing of the knowledge and communication products on the Technology Roadmap

¹¹Miscellaneous expenses to be used for any unforeseen expenses at the output level



**READINESS AND PREPARATORY SUPPORT
PROPOSAL TEMPLATE**

PAGE 20 OF 28 | Ver. 15 June 2017

| | | | | | | | | | | |
|---|------------------------------------|----------------|----------------|---------------|---------------|---------------|---------------|----------------|--|--|
| Project Management Cost (6%) | Executing Agency PMC ¹² | 8,600 | | | | 8,600 | 8,600 | | | |
| | Audit | 4,000 | | | | 4,000 | | 4,000 | | |
| | Sub-total | 12,600 | - | - | - | 12,600 | 8,600 | 4,000 | | |
| DELIVERY PARTNER FEE (UP TO 10% OF TOTAL ACTIVITIES) | | 21,000 | | | | 21,000 | | 21,000 | | |
| TOTAL | | 254,100 | 135,000 | 31,000 | 39,000 | 49,100 | 76,600 | 177,500 | | |

¹²Executing Agency PMC is allocated for the following: 60% Project Manager, 20% Administrative Assistant, 20% site visit



READINESS AND PREPARATORY SUPPORT

PROPOSAL TEMPLATE

PAGE 21 OF 28 | Ver. 15 June 2017

| 4.2. Procurement Plan | | | | | | |
|--|--|---------------------------|--|---|-------------------------|----------------------------------|
| For goods, services, and consultancies to be procured, please list the items, descriptions in relation to the activities in section 2, estimated cost, procurement method, relevant threshold, and the estimated dates. Please include the procurement plan for at least the first tranche of disbursement requested below. Also, please feel free to replicate this table on Excel spreadsheet if needed. | | | | | | |
| ITEM | ITEM DESCRIPTION | ESTIMATED COST (US \$) | PROCUREMENT METHOD | THRESHOLDS <i>(Min-Max monetary value for which indicated procurement method must be used)</i> | ESTIMATED START DATE | PROJECTED CONTRACTING DATE |
| A. Goods and Non-Consulting Services | | | | | | |
| N/A | | | | | | |
| SUB-TOTAL (US \$) | | 0 | | | | |
| B. Consultancy Services | | | | | | |
| Contract of Services to implement the TA | Technical assistance "Technology Road Map for the Implementation of Climate Action Plans in Palestine" | 220,500 | Competitive Process * to CTCN Network Members | 220,500 | Week 1 | Week 7 |
| SUB-TOTAL (US \$) | | 220,500 | | | | |
| TOTAL COST (US \$) | | 220,500 | | | | |

*The selection of the institution from the Network of CTCN for the execution of the technical assistance is conducted through a competitive procurement process as per UNIDO Rules and Regulations, in line with CTCN procedures and with UN Rules and Regulations (being UNIDO the co-host of the CTCN, and a specialized agency established under the UN Charter). The CTCN nurtures a Network of more than 300 expert organizations in the field of low-carbon and climate resilient technologies. The required expertise to carry out the activities that define this intervention will be sourced from the Network. For this, the following four principles shall be given due consideration when undertaking the procurement functions of UNIDO:

- i. Best value for money principle;
- ii. Fairness, accountability, integrity and transparency of the procurement process;
- iii. Effective competition;
- iv. The best interest of UNIDO (as co-host, and on behalf of, the CTCN).

4.3. Disbursement schedule

Specify the proposed schedule for requesting disbursements from the GCF, including amounts and periodicity. For amounts requested, keep to multiples of USD 5,000, and for periodicity, specify whether it's quarterly, bi-annually or annually only.

UNEP will manage the disbursement request and schedule at portfolio level with guided by the "Framework Readiness and Preparatory Support Grant Agreement" between GCF and UNEP and line with Clause 4 of said framework agreement

4.4. Additional information

This box provides an opportunity to include further explanations related to the budget, procurement plan and disbursement schedule, including any details on the assumptions to justify costs presented in the budget.

Procurement Plan:

Overall financial management and procurement of goods and services under this readiness and preparatory support proposal will be guided by UN regulations, rules, policies and procedures. Further, procurement of goods and services will follow the general principles stated under clause 7 of Framework Readiness and Preparatory Support Grant Agreement (Framework Agreement) between Green Climate Fund (GCF) and UN Environment. UN Environment will comply with its obligation under clause 7(a) of the Framework Agreement, which states "The procurement of Goods and Services for Approved Readiness Support Proposals, whether by the Delivery Partner or by a third party, shall be done in accordance with the rules, policies and procedures of the Delivery Partner."

UN Environment through its co-host UNIDO will be responsible for the implementation of the readiness activities and for procurement and contractual services, as well as reporting on the progress of this implementation in close coordination and strategic guidance from the NDA/FP. The procurement actions and the operational services will be carried forward in accordance with UN Environment policies and procurement guidelines as agreed under the Framework Readiness and Preparatory Support Grant Agreement (Framework Agreement) between Green Climate Fund (GCF) and the UN Environment.

The specific procedures for procurement through the CTCN are as follows:

For a request that is eligible and prioritized, the Climate Technology Managers in charge of the respective request sources the appropriate expertise to develop the Terms of Reference of the assistance (called 'Response Plan' as per CTCN procedures). The response plan provides specific information on the technical assistance to be delivered, including activities, outputs, expected outcomes and impacts, timeline, indicators or measuring assistance progress and success, stakeholders to be involved, etc.

The response plan, once finalized, is signed by the national focal point of the CTCN in the concerned country (National Designated Entity), the institution which originated the CTCN request for technical assistance and the CTCN Director, and constitutes the basis of the assistance to be implemented and monitored. Based on the needs and expertise required in the response plan, a Network Member will be selected to implement it. The selection of organizations from the Network is conducted through a competitive procurement process as per UN Rules and Regulations, in line with CTCN procedures and with UNEP Rules and Regulations. The CTCN nurtures a Network of more than 300 expert organizations in the field of low-carbon and climate resilient technologies. The required expertise to carry out the activities that define this intervention will be sourced from the Network. For this, the following four principles shall be given due consideration when undertaking the procurement functions:

- i. Best value for money principle;
- ii. Fairness, accountability, integrity and transparency of the procurement process;
- iii. Effective competition;
- iv. The best interest of the CTCN.

SECTION 5: IMPLEMENTATION ARRANGEMENTS AND OTHER INFORMATION

9.1. Please attach an “implementation map” or describe how funds will be managed by the NDA/FP or delivery partner

If the entity implementing the readiness support is not an accredited entity of the GCF, please complete the [Financial Management Capacity Assessment \(FMCA\)](#) questionnaire and submit it with this proposal.

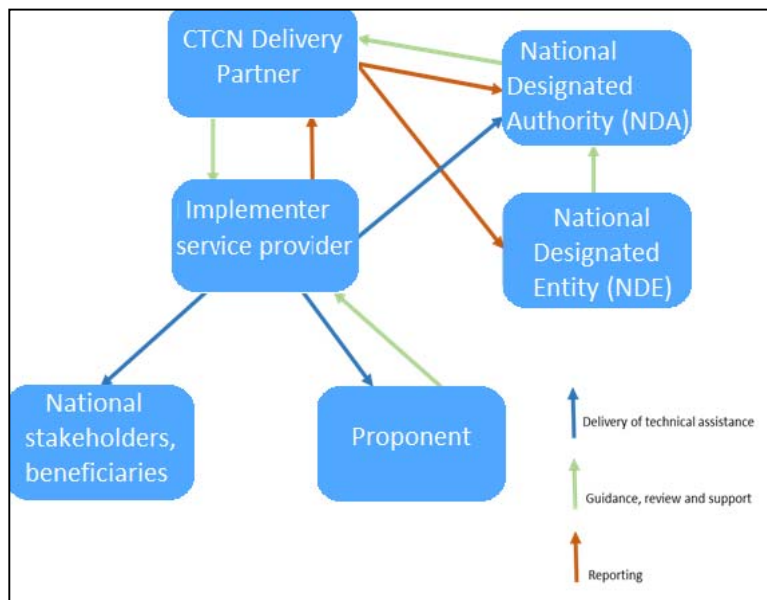
UN Environment will manage the funds for the activities under this readiness agreement. UN Environment will agree on a plan with the NDA of the State of Palestine to monitor the implementation of the activities using the grant proceeds. However, UN Environment will be responsible for the implementation of the activities under this readiness and preparatory support proposal.

CTCN will be providing Project Management functions with the CTCN Director being the responsible official for such activities. According to CTCN process, the Climate Technology Manager assigned by the CTCN Director will provide the day-to-day management of the assistance provided, and will ensure that the project is progressing as per the planned activity and budget.

The selected entity from the Network will report to CTCN/UNEP as per their contractual arrangement and in line with UN rules and regulations. They will produce regular progress and financial reports and will submit deliverables to CTCN/UNEP. Funds will only be released if and when the deliverables are satisfactory and cleared by CTCN/UNEP. They will return any unspent funds within ninety days of expiry or notice of termination of the CTCN/UNEP.

The UNFCCC country focal points for technology (NDE) and finance (NDA) will provide active support to the implementer in the execution of this technical assistance. Their roles as country focal points will include, but not be limited to: Ensuring the activities associated with the implementation of this technical assistance are aligned with national climate priorities; promote and engage with key stakeholders as identified by the implementer; promote and present this technical assistance in climate change-related events; and participate in CTCN events and in national workshops affiliated with this technical assistance, if required. They will also be expected to provide guidance and review any relevant documents produced, and will be kept apprised of the progress of the technical assistance.

The implementation map below summarizes the different interactions between the different parties involved in this technical assistance:



CTCN processes before the selection of the implementer (described in the implementation map)

The CTCN process for managing technical assistance is the following: Requests for technical assistance can be prepared by any applicant organization from a developing country, but all requests must be submitted by the CTCN NDE (national focal point in the concerned country). Once submitted, all requests submitted by developing countries are assessed as per eligibility, balancing and prioritization criteria approved by the CTCN Advisory Board. The three eligibility criteria are the following: 1) The support provided will contribute to increased resilience and/or mitigate emissions, and is aligned with national plans; 2) The support will enhance endogenous capacities; and; 3) Processes are in place in the requesting country to monitor and evaluate any support provided (that is, project accountability is ensured). Balancing criteria are looking at inter and intra-regional a geographical balance (with a preference for requests submitted by LDCs and other highly vulnerable and low capacity countries; balance between adaptation and mitigation objectives, and balance between various types of support spanning the technology cycle. Prioritization criteria consider a number of elements that demonstrate project strengthen and potential for success, including the promotion of endogenous capacities and appropriate technologies, potential for scale up, for South-South cooperation, for leveraging public and private financing, for creating social, economic and social benefits, promoting gender equality etc.

Once a request is deemed eligible and prioritised, the CTCN selects the best expertise among its consortium partners to develop a response plan. The criteria for selection are: Relevant technical expertise, Experience and network in national context, Relevant language capacity, Response Planning track record, Representative use of the consortium partners in Response Planning and Feedback/ preference from the NDE.

Based on the discussion with the NDE and request proponent and feedback from the CTCN, the consortium partner develops the response plan. Once an advanced version is prepared, it is presented to CTCN's director and the NDE for signature. Once the response plan is signed, the contracting of the implementer starts.

9.2. Other relevant information

This box provides an opportunity to include any important information you wish to bring to the attention of the GCF Secretariat, but did not have an opportunity to provide in the sections above.

The State of Palestine submitted the instrument of accession to the United Nations Framework Convention on Climate Change (UNFCCC) on 12 December 2015 at the annual Conference of Parties in Paris (COP 21) and officially became the 197th party to the UNFCCC on the 17th of March 2016. The Palestinian President H.E. Mahmoud Abbas was the Head of Delegation in COP21. H.E. The President also participated personally in the signing ceremony of Paris Agreement on the 22nd of April 2016 in NY, USA and Palestine was among the first 15 country that signed and ratified Paris Agreement on that day and it was the first in MENA region to do so. H.E. The Prime Minister was the Head of Delegation in COP15 and in COP22 as well. Palestine has submitted its Initial Communication Report (INCR) and National Adaptation Plan (NAP) to the UNFCCC in November 2016 (Less than 8 months of accession, Palestine's NAP was among the first 6 NAPs submitted to UNFCCC). The report and NAP are available on the secretariat website: http://unfccc.int/national_reports/non-annex_i_natcom/submitted_natcom/items/653.php. The INCR was developed in accordance with the recommended and applicable guidelines, highlights the key outcomes of Palestine's work on GHG inventories, analysis of mitigation and adaptation potentials, making it a vital source of information about GHGs emissions, the measures Palestine is taking to tackle climate change, and the technical and institutional challenges faced. The NAP was prepared in guidance and instructions of Consultative Group of Experts of Least Developed Countries guidelines. It covers 12 sectors for 10 years with estimated cost of 3.5 Billion USD.

Palestine is located in the eastern part of the Mediterranean which is considered by IPCC as the area which will suffer more from the adverse impact of climate change. Identification and prioritization of adaptation options were developed and guided by three possible Future-climate scenarios that were developed from detailed assessment of IPCC AR5 projections, (Table 5 Palestine INCR 2016). Scenario 1 is most likely if emissions align with the IPCC target of a global average temperature increase not exceeding 2°C; Scenario 2 is most likely if emissions continue to increase along recent lines with some reductions from historic levels but breaching the 2°C target; and Scenario 3 assumes that emissions continue unabated.

Annex 1: Knowledge products for the gender responsive capacity development plan

| Table 1: Gender responsive Capacity development plan to strengthen the capacity of the public (EQA-NDA, apex and line ministries, agencies), private sector and CSO partners for Sustainable Technology and Business Transfer | | |
|--|---|--|
| Thematic Area | Capacity to be developed | Knowledge products |
| A. Policy, regulatory and institutional capacity | <ul style="list-style-type: none"> ▪ Ability to identify whether climate solutions, businesses and proposals are well-aligned with national development aspirations (e.g. National Policy Agenda) and climate agenda and sectoral plans (e.g. NDC, NAP, INCR) ▪ Ability to generate strong buy in and ownership from all public, private and CSO partners based on evidences and sound data ▪ Ability to obtain a good overview of national, regional and international climate activities so that duplicative, ill-conceived and inconsistent proposals are spotted and rejected ▪ Ability to ensure that proposals comply with national laws, regulations and standards ▪ A good understanding of policy de-risking instruments (e.g. minimum energy performance standard and label; fiscal incentives, import waiver) | Handbook and guidelines |
| B. Technical capacity | <ul style="list-style-type: none"> ▪ A good understanding of the Theory of Change approach for sustainable climate solutions and business development (Outcomes, Outputs and Activities) ▪ Ability to collect, capture, analyse, manage and translate baseline and GHG inventory data into GHG emissions savings for national and international registry and contribute to NDC targets ▪ Equipped with decision-making tools to facilitate prioritisation of a pipeline of high quality, fundable and scalable climate solutions and businesses and proposals (e.g. Cost Benefit Analysis, Cost Effectiveness Analysis, Multi-Criteria Analysis) ▪ Ability to devise a robust monitoring and evaluation plan with results logical framework (e.g. transparent MRV system) that has robust SMART indicators (specific, measureable, achievable, reliable and time-bound) ▪ Innovation | Decision-making tools to prioritise a pipeline of high quality solutions, businesses and proposals |



| | | |
|---|--|---|
| <p>C. Financial capacity</p> | <ul style="list-style-type: none"> ▪ An in-depth understanding of IFIs and the GCF investment framework and six investment criteria ▪ An understanding of various financial de-risking instruments (conditionality, advantages and disadvantages of different grants, concessional loans, equity, debt and guarantees) ▪ Knowing which financial instruments should be used when writing climate adaptation and mitigation proposals to optimise returns and reduce risks (e.g. country, currency, project, delivery risks) ▪ A clear understanding of the distinctions between economic (public goods) and financial (private goods) Internal Rates of Return (IRR) and how to leverage private sector resources – taking into consideration social and environmental impact ▪ Ability to develop climate financial framework to integrate international climate finance into national budgetary system to track and tag climate expenditure | <p>Guidelines on financial instruments</p> |
| <p>D. Business capacity</p> | <ul style="list-style-type: none"> ▪ Deep awareness of the roles of private sector actors and landscape and how to leverage private sector resources and private sector active engagement ▪ An in-depth appreciation of inclusive and viable business models relevant for incentivising value chain actors (poor, women, youth, disadvantaged and marginalised) to scale up and replicate of climate solutions ▪ A good understanding of financial and business de-risking tools and value chain financing products and services (e.g. start-up loans, matching rebates, partial loan guarantees) to wean community from the subsidy mentality as robust exit strategy for generating long term impact and sustainable programme | <p>Case study of successful business models</p> |
| <p>E. Social and gender capacity</p> | <ul style="list-style-type: none"> ▪ Ability to incentivise women and CBOs to create demand for affordable and competitive climate adaptation and mitigation solutions to reduce supply risks ▪ Knowing how to empower the poor and disadvantaged with technical and business skills, and incentivise them as value chain actors with access to affordable and competitive finance as strong exit strategy ▪ Empowering the CBOs and local leaders to demand mutual accountability and safeguard good financial governance | <p>Guidelines</p> |



| | | |
|----------------------------------|---|-------------------------------------|
| F. Stakeholder engagement | <ul style="list-style-type: none">▪ Ability to partner and generate buy-in, and leverage private sector resources and private sector engagement and CSO actors for the scaling-up of climate solutions▪ Knowing how to incentivise members to join the advisory committee as members of the roster of sectoral experts | Guideline on stakeholder engagement |
|----------------------------------|---|-------------------------------------|



**READINESS AND PREPARATORY SUPPORT
PROPOSALTEMPLATE**

PAGE 28 OF 28 | ver. 15 June 2017