

KGZ-RS-003

Technical Guidance and Support to Conduct a Sectoral Technology Needs Assessment and a Technology Action Plan for The Kyrgyz Republic

Readiness Completion Report

Section 1: General Information - v1 2024-05-21 17:48 +09:00

RPSP SECTION 1: GENERAL INFORMATION - CR

Please note that the report will be considered valid only after all the sections and attachments are filled with relevant details.

[The GCF Readiness and Preparatory Support Programme guidebook](#)

For more information, please refer to the GCF Readiness and Preparatory Support Programme guidebook

[Approved Readiness Proposals](#)

Please refer to the approved proposal published in the GCF Website if needed.

Please label deliverable files using the same titles as in the approved proposa

Submission date *

2024-05-21 17:48 +09:00

Initial submission date (no need to revise for resubmission)

Submission title *

Completion Report

Insert the report title, e.g. 2023 Annual Progress Report, IPR 2, etc.

1.1 DP's confirmation of sharing the report with NDA(s)

By providing this information, Delivery Partner confirms that the report submitted has been shared with the NDA prior to the submission for GCF's review. Please select the name and contact e-mail of the NDA focal point(s) who have received the report.

Please indicate if this report has been shared with the relevant NDA(s)

Yes

Please indicate the date of submission to NDA(s)

2024-05-16

NDA contact

Melis Turgunbaev (international@mnr.gov.kg)

NDA Contact Fullname
Melis Turgunbaev

NDA Contact Email
international@mnr.gov.kg

Description

Others (not listed above)

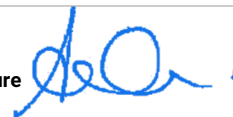
Please provide the NDA contact information in this field in case you cannot find it in the above dropdown.

DP authorized representative

Name

Mr Sean Khan
UNEP GCF Coordinator

Signature

 20.06.2024

NDA / Focal Point authorized representative

Name

Mr. Adilet Amantaev
Director of the Climate Finance Center under the Cabinet of Ministers of the Kyrgyz Republic

Signature



1.2 General Information of the Grant

Grant Agreement Number The grant reference number as stated in the approved grant proposal	KGZ-RS-003	Country The country(s) where the grant is being implemented	Kyrgyzstan	Delivery Partner The name of the Delivery Partner	UNEP-CTCN
Activity Area The activity area targeted (NAP, Non-NAP)	Non-NAP	Approved Duration (months) As stated in the grant legal agreement, taking into account any approved extensions	18	Total Amount Approved Total approved amount in USD as stated in the grant legal agreement/proposal	490,181 USD
Grant Start Date for GCF-managed grants Grant Effectiveness Date	2021-01-30	Grant Start Date for UNOPS-managed grants 1st Disbursement Date	2021-03-19T00:00:00	Grant End Date As stated in the grant legal agreement, taking into account any approved extensions	2023-12-29
Total Amount Disbursed Total amounts received from the GCF from the grant start date and up to date	441,163 USD	First Disbursement Date The date on which the first tranche was paid to the grant			

1.3 Reporting Period Details

From: * The beginning of the reporting period	2021-01-31	To: * The end of the reporting period	2023-12-29
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1.4 Executive Summary

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Proposal title: Technical guidance and support to conduct a Sectoral Technology Needs Assessment (TNA) and prepare a Technology Action Plan (TAP) for the Kyrgyz Republic.

This Readiness and Preparatory Support proposal was approved by the Green Climate Fund (GCF) on 29 January 2021. The grant became effective on 30 January 2021. The original completion date of the project was 29 December 2022. However, within the last reporting period a no-cost extension was submitted and approved by the GCF. The new completion date of the project is 29 December 2023. The total budget for the project is USD 490,181. The first disbursement of USD 441,163 was received by UNEP on 19 March 2021. The cumulative expenditure to 29 December 2023 is USD 408,768.18 including commitments. This reporting period covers 1 January 2023 – 29 December 2023; the total budget expended during this period is USD 400,722.05 (including the commitments)

The work in the energy, water, waste and agriculture sector has progressed without any noticeable delay. Between January and December 2023, all remaining project activities have been implemented and finalized.

- Deliverable 2.2.2a – Barrier analysis report, detailing barriers preventing selected technologies from being introduced and/or disseminated in the Kyrgyz Republic, and measures to address them.
- Deliverable 2.2.2b (i) TAP report validated by the national stakeholders
- Deliverable 2.2.2b (ii) National consultation workshop report
- Deliverable 2.2.2b (iii) List of most relevant project ideas within the TAP to be transformed into Concept Notes
- Deliverable 2.4.1a (i) Road map listing identified feasible actions to utilize, produce and mainstream climate technologies into the private sector's operations
- Deliverable 2.4.1b (i) Assessment report on specific sub-sectors and technologies with the highest local economy formation potential
- Deliverable 2.4.1b (ii) Recommendations on which financial and incubator mechanism/s would best catalyze growth of local startups in developing climate

change and local context sensitive technology solutions for the country

- Deliverable 2.4.1c (i) Open access technology portal developed and maintained
- Deliverable 2.4.1c (ii) Training and training of trainers packages developed
- Deliverable 2.4.1c (iii) Pre-and post-training surveys to assess the impact of the training sessions completed
- Deliverable 2.4.1d (iv) Training report
- Deliverable 4.3.1 (i) Report on project ideas considered, prioritized and selected
- Deliverable 4.3.1 (ii) 3 CN developed

During the final reporting period, no mayor delays occurred and the project was successfully implemented and closed by 29.12.2023.

Please highlight key achievements during the reporting period.

1.5 Challenges and lessons

Challenges encountered *

Political

Challenges and lessons learned *

The conflict in Ukraine remains a challenge, as two of the international experts (mitigation and adaptation experts) are located in Ukraine and Moldova, respectively. This far, the conflict has not lead to any further delay in the project, however, changes in the situation on the ground have had implications on the implementation of the activities that require the input and support of the two experts. In order to mitigate potential impacts, the situation was monitored closely so that the project implementation remained flexible.

Describe the challenge faced during the reporting period of implementation and critical risks that may result in a change to the scope and/or timing of the project; please provide a description and how they have impacted the implementation period and could impact other activities and final targets. N.B. Choose the most relevant type if the challenge is related to multiple types.

1.6 Upload the signed Completion Report

Please upload the signed Completion Report *

[KGZ-RS-003 completion report signature doc_0.pdf](#)

Section 2: Reporting on Country Readiness Logical Framework - v1 2024-05-21 17:48 +09:00

RPSP SECTION 2: REPORTING ON READINESS GRANT LOGICAL FRAMEWORK

Please note that the report will be considered valid only after all the sections and attachments are filled with relevant details.

Check RRMF indicators retrofitted for original proposal's logframe here

[/// RRMF indicators retrofit tables ///](#)

Select the grant ID to see the RRMF indicators mapped to original outputs and activities in the proposal.

This section requires an overview of key achievements and deliverables in implementing the Readiness Support activities. Any key deliverables to the agreed outputs should be submitted with the grant progress report.

Select Applicable Objectives *

- Objective 1: Capacity Building
- Objective 2: Strategic Frameworks
- Objective 3: National Adaptation Plans and Adaptation Planning Processes
- Objective 4: Pipeline development
- Objective 5: Knowledge sharing and learning

Is it for a Regional Readiness (multi-country) grant? *

- Yes
- No

Objective 1: Capacity Building

Select Applicable Outcomes: *

- Outcome 1.1: Country NDAs or focal points and the network/ systems that enable them to fulfil their roles, responsibilities and policy requirements are operational and effective
- Outcome 1.2: Direct access applicants and accredited entities (DAEs) have established capacity to meet and maintain the GCF's accreditation standards; and accredited DAEs have the capacity to develop a pipeline of projects and effectively implement GCF-funded activities
- Outcome 1.3: Relevant country stakeholders (which may include executing entities, civil society organisations and private sector) have established adequate capacity, systems and networks to support the planning, programming and implementation of GCF funded activities

Summary of Objective 1 *

Objective 1: Capacity Building: This objective entails all project activities as well as their respective deliverables, that could be grouped/ and or entailed a degree of capacity building. Namely, the relevant activities were components of the overall project activities as summarized below:

Activity 1.3.1 Institutionalize a coordination mechanism to implement the Sectoral TNA
 Activity 2.2.2 – Develop and validate a Technology Action Plan
 Activity 2.4.1 Empower the private sector stakeholders to deploy climate technologies

Please provide summary of the outcomes under this objective

Outcome 1.3: Relevant country stakeholders (which may include executing entities, civil society organisations and private sector) have established adequate capacity, systems and networks to support the planning, programming and implementation of GCF funded activities

Select Applicable Outputs: 1.3

- Output 1.3.1: Relevant stakeholders engaged and trained to support planning, programming and implementation of GCF funded activities
- Output 1.3.2: Stakeholder engagement mechanisms established to support planning, programming and implementation of GCF funded activities
- Output 1.3.3: Strengthened Information sharing

Output 1.3.2: Stakeholder engagement mechanisms established to support planning, programming and implementation of GCF funded activities

Select Applicable Indicators: 1.3.2

- Indicator 1.3.2.1: Number of multi-stakeholder mechanisms established to support planning, programming and implementation of GCF funded activities

Indicator 1.3.2.1: Number of multi-stakeholder mechanisms established to support planning, programming and implementation of GCF funded activities

The multi-stakeholder engagement mechanisms here are about those to be established at the project/programme level to support planning, programming and implementation of GCF funded activities. Relevant stakeholders may include executing entities, civil society organisations and private sector. Stakeholder engagement refers to the inclusion of relevant stakeholders in planning, programming and implementation of GCF funded activities and could include roundtable discussions, regular meetings, surveys and/or interviews. Please note this indicator is different from Output indicator 1.1.2.1 which asks about interinstitutional coordination mechanisms and Output indicator 1.1.3.2 which asks about processes, tools or systems for the consideration and facilitation of climate change projects at NDA level.

Progress 1.3.2.1 *

- Yes
- No

of multi-stakeholder mechanisms established *

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Narrative description

Activity 1.3.1a
 This activity has
 · Identified and engaged the Sectoral TNA Committee members.
 · Prepared the Sectoral TNA Committee constitution document, in which roles of different members as well as rules and procedures of the Sectoral TNA process have been defined.
 · Institutionalized an effective coordination mechanism.

Activity 1.3.1b
 The Sectoral TNA process identified priority sub-sectors, priority climate technologies, analyzed barriers to implement these technologies, developed and validated a TAP, and set up an enabling implementation environment for the TAP. To successfully execute this work, it engaged with all key stakeholders that represent the selected 4 sectors. To ensure extensive stakeholder participation, a stakeholder working group was established for each priority sector. Tallow for strategic decision making, a Sectoral TNA committee was established.

Listing the stakeholders involved and including a description of women participation in the stakeholder mechanism

Deliverables achieved

Activity 1.3.1 Institutionalize a coordination mechanism to implement the Sectoral TNA

Sub-activity 1.3.1a Establish a Sectoral TNA Committee

- Deliverable 1.3.1a (i) List of CCGEDCC members taking part to the Sectoral TNA Committee
- Deliverable 1.3.1a (ii) Sectoral TNA Committee guidelines clarifying responsibilities and work processes to support the TNA process
- Deliverable 1.3.1a (iii) Sectoral TNA Committee work plan
- Deliverable 1.3.1a (iv) Quarterly reports of the Sectoral TNA Committee meetings.

Sub-activity 1.3.1b Map stakeholders and establish stakeholder working groups to actively contribute to the Sectoral TNA process

- Deliverable 1.3.1.b (i) Stakeholder mapping report, where roles and responsibilities are specified, and an exhaustive list of stakeholders is provided (including those who were not retained to be part of stakeholder groups)
- Deliverable 1.3.1.b (ii) Workplan for each stakeholder working group
- Deliverable 1.3.1.b (iii) Stakeholder working groups' meeting reports.

Sub-activity 1.3.1d Develop a work plan for the Implementor, the stakeholder working groups and the TNA Committee to implement the Sectoral TNA activities under the present Readiness support

- Deliverable 1.3.1d (i) An overarching workplan of activities for the Implementor, the stakeholder working groups and the TNA Committee to implement the Sectoral TNA

activities under the present Readiness support.

- Deliverable 1.3.1d (ii) 4 sector specific workplans of activities for the Implementor to implement with inputs from each relevant stakeholder working group under the overarching coordination of the Sectoral TNA Committee.

Please state the actual deliverables achieved from the completed activity and ensure that the deliverables are as per the approved grant. Please underline the deliverables that have changed from the approved grant.

Attachment of evidence including the ToR, list of membership., etc.

Deliverable 1.3.1a (i) List of CCGEDCC (Coordination Council on Green Economy Development and Climate Change) members taking part to the Sect.docx
Deliverable 1.3.1a (ii) Sectoral TNA Committee guidelines clarifying responsibilities and work processes to support the TNA process.docx
Output 1.3.1. Report.pdf
Deliverable 1.3.1 b (i) Stakeholder mapping report.docx
1.3.1.b.(ii) Energy Sector WG Workplan_en.docx
1.3.1.b.(ii) Waste Sector WG Workplan_en.docx
1.3.1.b.(ii) Water Sector WG Workplan_en.docx
1.3.1.b.(ii) Agriculture Sector WG Workplan_en.docx
1.3.1.b.(iii)Energy SWG_2_03112022_en.pdf
1.3.1.b.(iii)Energy SWG_3_02122022_en.pdf
1.3.1.b.(iii)Waste SWG_1_03112022_en.pdf
1.3.1.b.(iii)Waste SWG_2_09122022_en.pdf
1.3.1.b.(iii)Water SWG_1_04112022_en.pdf
1.3.1.b.(iii)Water SWG_2_14112022_en.pdf
1.3.1.b.(iii)Water SWG_3_09122022_en.pdf
1.3.1.b.(iii) Agriculture SWG_1_31102022_en.docx.pdf
1.3.1.b.(iii)Agriculture SWG_2_09122022_en.pdf
1.3.1.b.(iii)Energy SWG_1_21102022_en.pdf
1.3.1d (ii) Updated Project Implementation Plan_en.docx
Deliverable 1.3.1d (ii) Energy Sector WG Workplan_en.docx
Deliverable 1.3.1d (ii) Waste Sector WG Workplan_en.docx
Deliverable 1.3.1d (ii) Water Sector WG Workplan_en.docx
Deliverable 1.3.1d (ii) Agriculture Sector WG Workplan_en.docx
TOR_Sectoral WG_en.docx
TNA_SC TOR.docx

Please attach the following: evidence including the ToR, list of membership., etc.

Output level implementation timelines

Original Start Date *	Actual/Planned Start Date *	Original End Date *	Actual/Expected End Date *
2021-07-01	2021-10-01	2021-09-30	2022-05-31
As stated in the approved proposal, approved extension plan, or in the latest approved Progress Report.	Actual start date of the output, or the planned date if the implementation hasn't started yet.	As started in the approved proposal, approved extension plan, or in the latest approved Progress Report.	Actual end date of the output if it's already completed, or the expected end date per updated estimates

Variance/delay explanation *

Note: the "Original Date" refers to the initial dates outlined in the approved readiness proposal. The actual dates are referring to those approved in the No-Cost - Extension (NCE). Following the timeline of the NCE, no delays occurred in the current reporting period.

Please explain the reasons for any difference between a planned output and the actual output. If there's no variation, please add "N/A"

Objective 2: Strategic Frameworks

Select Applicable Outcomes: 2

- Outcome 2.1: GCF recipient countries have developed initial country programmes to guide GCF investment and programming of GCF Readiness and Preparatory Support resources
- Outcome 2.2: GCF recipient countries have developed or enhanced strategic frameworks to address policy gaps, improve sectoral expertise, and enhance enabling environments for GCF Programming
- Outcome 2.3: Entity Work Programmes of accredited direct access entities developed, that are aligned with the priorities of the countries, including country programmes and the GCF result areas
- Outcome 2.4: Strategies for transforming and attracting private sector investment for low emissions and resilience developed and being used

Summary of Objective 2 *

Objective 2: Strategic Frameworks: This objective entails all project activities as well as their respective deliverables, that could be grouped under Strategic Frameworks. Namely, the relevant activities were components of the overall project activities as summarized below:

- Activity 2.2.1 – Identify and prioritize appropriate climate technologies to introduce and disseminate in the Kyrgyz Republic
- Activity 2.2.2 – Develop and validate a Technology Action Plan

Please provide summary of the outcomes under this objective

Outcome 2.2: GCF recipient countries have developed or enhanced strategic frameworks to address policy gaps, improve sectoral expertise, and enhance enabling environments for GCF Programming

Select Applicable Outputs: 2.2

- Output 2.2.1: Readiness needs assessment to develop an action plan with strategies for Readiness support
- Output 2.2.2: Long-term, Low Emission Development Strategy (LT-LEDs / LTS) developed
- Output 2.2.3: NDC updated or revised and/or financing strategy or related policies developed.
- Output 2.2.4: MRV systems developed and operational for tracking internal and external climate finance flows
- Output 2.2.5: Studies, action plans, modelling efforts and other research efforts conducted/developed
- Output 2.2.6: Sectoral strategic frameworks or associated plans developed
- Output 2.2.7: Appropriate climate technologies/ solutions identified and prioritized

Output 2.2.7: Appropriate climate technologies/ solutions identified and prioritized

Select Applicable Indicators: 2.2.7

- Indicator 2.2.7.1: Have appropriate climate technologies/ solutions been identified and prioritized?
- Indicator 2.2.7.2: Have appropriate climate technologies/ solutions been assessed and or associated action plans developed?

Indicator 2.2.7.1: Have appropriate climate technologies/ solutions been identified and prioritized?

This indicator asks whether appropriate climate technology solutions have been identified and prioritized through a Technology Needs Assessment (TNA). TNAs can be nation-wide or sector-specific and involve identifying which technologies are needed in for mitigation and adaptation actions. Different stakeholders can be involved in a TNA.

Progress 2.2.7.1 *

- Yes
- No

Narrative description

Activity 2.2.1 – Identify and prioritize appropriate climate technologies to introduce and disseminate in the Kyrgyz Republic
 Sub-activity 2.2.1a – Select sub-sectors for the Kyrgyz Republic Sectoral TNA

The objective of this activity was to reach a consensus on the priority sub-sectors in which climate technologies were to be identified and prioritized. As a result, a report on identified priority sub-sectors justifying why these have been selected in line with national priorities and the country’s international climate commitments, has been formulated.

Sub-activity 2.2.1b – Select appropriate adaptation and mitigation technologies
 The aim of this activity was to prioritize and validate key technologies aligned to the Kyrgyz Republic’s NDC, the CIP - Operational Framework for Managing and Accessing Climate Finance, the Green Economy Development Programme and the TNA for Adaptation in the Water and Agricultural Sector in Central Asia. Stakeholder working groups related to the selected sub-sectors identified highest impact technologies in their respective sectors.

Activity 2.2.2 – Develop and validate a Technology Action Plan
 Sub-activity 2.2.2a – Analyze barriers that prevent appropriate adaptation and mitigation technologies from being introduced and/or disseminated in the Kyrgyz Republic
 The objective of the barrier analysis was to assess market conditions for the technologies selected under Activity 2.2.1 and identify barriers to their use and dissemination.

Outlining when the TNA has taken place and which climate technologies/solutions were identified and prioritized.

Deliverables achieved

Activity 2.2.1 – Identify and prioritize appropriate climate technologies to introduce and disseminate in the Kyrgyz Republic

Sub-activity 2.2.1a – Select sub-sectors for the Kyrgyz Republic Sectoral TNA

- Deliverable 2.2.1 a (i) Report on identified priority sub-sectors justifying why these have been selected in line with national priorities and the country’s international climate commitments

Sub-activity 2.2.1b – Select appropriate adaptation and mitigation technologies

- Deliverable 2.2.1 b (i) Sectoral TNA report summarizing all processes and outcomes of the Activity 2.2.1b including:
 - Technology fact sheets
 - Set of criteria for MCA exercise, detailing criteria tree and performance matrix
 - Decision-making meeting report (including a full list of participants and photo documentation
 - Selected and validated priority technologies

Activity 2.2.2 – Develop and validate a Technology Action Plan

Sub-activity 2.2.2a – Analyze barriers that prevent appropriate adaptation and mitigation technologies from being introduced and/or disseminated in the Kyrgyz Republic

- Deliverable 2.2.2a – Barrier analysis report, detailing barriers preventing selected technologies from being introduced and/or disseminated in the Kyrgyz Republic, and measures to address them.

Please state the actual deliverables achieved from the completed activity and ensure that the deliverables are as per the approved grant. Please underline the

deliverables that have changed from the approved grant.

Attachment of Technology Needs Assessment

Deliverable 2.2.1 b (i) kyrgyz-tna-report-mitigation-english.pdf
Deliverable 2.2.1 b (i) kyrgyz-tna-report-adaptation-english.pdf
Deliverable 2.2.2a kyrgyzstan-baef-report-adaptation-final-aug-2023-part-1.pdf
Deliverable 2.2.2a kyrgyzstan-baef-report-mitigation-final-aug-2023-part-2.pdf

Please attach the following: climate technology needs assessment reports, the prioritized climate technology report., etc.

<p>Indicator 2.2.7.2: Have appropriate climate technologies/ solutions been assessed and or associated action plans developed?</p> <p>The climate technology/solution assessments refer to those efforts trying to determine feasibility of specific technologies/solutions that will reduce the GHG emission or address the impact of global warming as a result of climate change; Any development of Technology Action Plan on climate change is also part of this indicator.</p>	<p>Progress 2.2.7.2 *</p> <p><input checked="" type="radio"/> Yes <input type="radio"/> No</p>	<p>Narrative description</p> <p>Activity 2.2.2 – Develop and validate a Technology Action Plan Sub-activity 2.2.2b Develop and validate a TAP to introduce and disseminate the selected technologies</p> <p>Following the Guidelines provided by UNEP-CCC and the the before mentioned stakeholder consultations, a Technology Action Plan that quantifies the potential impact of selected technologies and includes a financial plan, barriers to be addressed, a timeline, benchmarks and success indicators; was developed.</p> <p>Outlining how the assessment has taken place and what the results were</p>	<p>Deliverables achieved</p> <p>Activity 2.2.2 – Develop and validate a Technology Action Plan</p> <p><i>Sub-activity 2.2.2b Develop and validate a TAP to introduce and disseminate the selected technologies</i></p> <ul style="list-style-type: none"> • Deliverable 2.2.2b (i) TAP report validated by the national stakeholders • Deliverable 2.2.2b (iii) List of most relevant project ideas within the TAP to be transformed into Concept Notes <p>Please state the actual deliverables achieved from the completed activity and ensure that the deliverables are as per the approved grant. Please underline the deliverables that have changed from the approved grant.</p>
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Attachment of Feasibility study; Technology Action Plan (if applicable)

Deliverable 2.2.2b (i+iii) technology-action-plans-mitigation.pdf
Deliverable 2.2.2b (i+iii) technology-action-plans-adaptation.pdf

Output level implementation timelines

Original Start Date *	Actual/Planned Start Date *	Original End Date *	Actual/Expected End Date *
2022-03-31	2023-02-01	2022-07-30	2023-06-30
As stated in the approved proposal, approved extension plan, or in the latest approved Progress Report.	Actual start date of the output, or the planned date if the implementation hasn't started yet.	As started in the approved proposal, approved extension plan, or in the latest approved Progress Report.	Actual end date of the output if it's already completed, or the expected end date per updated estimates

Variance/delay explanation *

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Please explain the reasons for any difference between a planned output and the actual output. If there's no variation, please add "N/A"

Outcome 2.4: Strategies for transforming and attracting private sector investment for low emissions and resilience developed and being used

Select Applicable Outputs: 2.4

- Output 2.4.1: New business models incubated and/or innovative financial mechanisms and schemes created to increase low -emission and climate resilient investment
- Output 2.4.2: Strategies, road-maps, studies and policy incentives completed to foster private financing for Country Programme implementation and/or low-emissions climate resilient development

Output 2.4.2: Strategies, roadmaps, studies and policy incentives completed to foster private financing for Country Programme implementation and/or low-emissions climate resilient development

Select Applicable Indicators: 2.4.2

- Indicator 2.4.2.1: Number of strategies developed to foster private financing for Country Programme implementation and/or low-emissions climate resilient development
- Indicator 2.4.2.2: Number of roadmaps developed to foster private financing for Country Programme implementation and/or low-emissions climate resilient development

Indicator 2.4.2.2: Number of roadmaps developed to foster private financing for Country Programme implementation and/or low-emissions climate resilient development

This indicator asks about roadmaps or action plans for engaging the private sector in the financing of climate projects. They are the tools to operationalise the strategies Output indicator 2.4.2.1 asks about.

Progress 2.4.2.2 *

- Yes
- No

of the roadmap(s) developed to foster private financing for the CPs *

3

Narrative description

Activity 2.4.1 Empower the private sector stakeholders to deploy climate technologies
 Sub-activity 2.4.1a Elaborate a roadmap
 To facilitate a sound climate technology market formation, stakeholder working groups developed a roadmap of feasible measures to achieve the private sector's engagement in the four economic sectors targeted through the present TNA work.

Sub-activity 2.4.1b Foster a local technology market development by supporting the use of local resources
 Under this activity, key local materials that can be effectively utilized and/or reused to increase energy efficiency were identified . The process included developing recommendations on a financial mechanism that could catalyze the growth of local startups manufacturing such clean technologies as well as developing recommendations on an incubating mechanism dedicated to start-ups.

Activity 4.1.1 Develop 3 project CN to submit to the GCF
 Deliverable 4.3.1 (i) Report on project ideas considered, prioritized and selected

Describing the roadmaps that have been developed and how these are expected to foster private financing

Deliverables achieved

Activity 2.4.1 Empower the private sector stakeholders to deploy climate technologies

Sub-activity 2.4.1a Elaborate a roadmap

- Deliverable 2.4.1a (i) Road map listing identified feasible actions to utilize, produce and mainstream climate technologies into the private sector's operations

Sub-activity 2.4.1b Foster a local technology market development by supporting the use of local resources

- Deliverable 2.4.1b (ii) Recommendations on which financial and incubator mechanism/s would best catalyze growth of local startups in developing climate change and local context sensitive technology solutions for the country

Activity 4.1.1 Develop 3 project CN to submit to the GCF

- Deliverable 4.3.1 (i) Report on project ideas considered, prioritized and selected

Please state the actual deliverables achieved from the completed activity and ensure that the deliverables are as per the approved grant. Please underline the deliverables that have changed from the approved grant.

Attachment of Draft roadmap document and pre and post development/completion evaluation report

2.4.1 (i) Road Map_Energy.docx
2.4.1a (i) Road Map _Agriculture.docx
2.4.1a (i) Road Map _Waste.docx
Deliverable 2.4.1b (ii)+Deliverable 4.3.1 (i) Energy.docx
Deliverable 2.4.1b (ii)+Deliverable 4.3.1 (i) Waste.docx
Deliverable 2.4.1b (ii)+Deliverable 4.3.1 (i) Agriculture.docx

Output level implementation timelines

Original Start Date *	Actual/Planned Start Date *	Original End Date *	Actual/Expected End Date *
2021-12-31	2023-03-31	2022-12-29	2023-12-28
As stated in the approved proposal, approved extension plan, or in the latest approved Progress Report.	Actual start date of the output, or the planned date if the implementation hasn't started yet.	As started in the approved proposal, approved extension plan, or in the latest approved Progress Report.	Actual end date of the output if it's already completed, or the expected end date per updated estimates

Variance/delay explanation *

Note: the "Original Date" refers to the initial dates outlined in the approved readiness proposal. The actual dates are referring to those approved in the No-Cost - Extension (NCE). Following the timeline of the NCE, no delays occurred in the current reporting period.

Please explain the reasons for any difference between a planned output and the actual output. If there's no variation, please add "N/A"

Objective 4: Pipeline development

Select Applicable Outcomes: 4

- Outcome 4.1: Increase in the number of quality project concept notes developed and submitted
- Outcome 4.2: Increase in the quality of funding proposals developed and submitted from accredited DAEs
- Outcome 4.3: An increase in the number of quality concept notes developed and submitted that target SIDS, LDCs and African states
- Outcome 4.4: An increase in the number of quality funding proposals developed and submitted that target SIDS, LDCs and African states
- Outcome 4.5: An increase in the proportion of PPF requests and funding proposals approved as a result of Readiness and Preparatory Support.

Summary of Objective 4 *

Objective 4: Pipeline development: This objective entails all project activities as well as their respective deliverables, that could be grouped under Pipeline development. Namely, the relevant activities were components of the overall project activities as summarized below:

Activity 4.1.1 Develop 3 project CN to submit to the GCF
 Under this activity, 3 Concept notes were developed in accordance with the GCF format. The concept notes targeted the energy, waste and agricultural sectors, respectively.

Please provide summary of the outcomes under this objective

Note: Output indicators for outcome 4.2, 4.4, and 4.3 are collected as part of outcome 4.5 and 4.1 respectively. This is because outcome 4.2 and 4.4 are the subsets of outcome 4.5 for DAEs and vulnerable countries. Similarly, outcome 4.3 is the subset of outcome 4.1 for vulnerable countries. Hence, outcome 4.2, 4.4, and 4.3 are for read-only.

Outcome 4.1: Increase in the number of quality project concept notes developed and submitted

Select Applicable Outputs: 4.1

- Output 4.1.1: Concept notes for priority sectors developed with the support of the RPSP for submission to the GCF
- Output 4.1.2: Pipeline identified and prioritization assessments
- Output 4.1.3: Mitigation potential assessed
- Output 4.1.4: Prefeasibility studies conducted

Output 4.1.1: Concept notes for priority sectors developed with the support of the RPSP for submission to the GCF

Select Applicable Indicators: 4.1.1

- Indicator 4.1.1.1: Number of CN developed

Indicator 4.1.1.1: Number of CN developed

Disaggregated by sector.

Progress 4.1.1.1 *

- Yes
- No

4.1.1.1 Indicator Progress Number *

3

Total number of CNs developed. This number should coincide with the breakdown below.

Narrative description

Activity 4.1.1 Develop 3 project CN to submit to the GCF
 The activity included identifying, prioritizing and selecting 3 viable project ideas emerged from the TAP, which were developed into 3 GCF CNs. The CN were developed for the Agricultural, Waste and Energy sector.

In addition to the CN, the implementing agency also initiated a process together with the NDE that strives to ensure that the CN will be submitted and handed over to an accredited entity in due time.

Provide a brief progress on the development of the NC as well as the focus of the CN.

Deliverables achieved

Activity 4.1.1 Develop 3 project CN to submit to the GCF

- Deliverable 4.3.1 (ii) 3 CN developed

Please state the actual deliverables achieved from the completed activity and ensure that the deliverables are as per the approved grant. Please underline the deliverables that have changed from the approved grant.

Sectoral breakdown of each CN. Add as many rows as indicated in the number of CN(s) developed.

The Concept Note covers: *

- one sector
- multiple sectors

Project title of the CN *

Mechanical-biological treatment of solid waste

Select one sector that the CN covers. *

Cities, buildings, and urban systems

Attachment of the developed CN *

[Waste_Concept_Note_GCF_Kyrgyz_v3_24.01.24.docx](#)

The Concept Note covers: *

- one sector
- multiple sectors

Select the sectors that the CN covers. *

Agriculture and food security, Forest and land use

Project title of the CN *

Strengthening the climate resilience of local communities livelihoods through the introduction of green technologies, with focus on organic production and expansion of the Organic Aimak (local community unit) movement to Western and Southern Kyrgyzstan

Attachment of the developed CN *

[Agriculture_Concept_Note_GCF_Kyrgyz_v3_24.01.24.docx](#)

The Concept Note covers: *

- one sector
- multiple sectors

Project title of the CN *

Thermal insulation of public buildings

Select one sector that the CN covers. *

Energy efficiency

Attachment of the developed CN *

[ESCOs_Concept_Note_GCF_Kyrgyz_v3_24.01.24.docx](#)

Question for 4.3.1: Are the CNs developed targeting SIDS, LDCs and African states?

To be prefilled from additional information. If Yes, output 4.3.1 will be automatically selected and auto-filled by the system. No need to report twice.

- Yes
- No

Output level implementation timelines

Original Start Date *	Actual/Planned Start Date *	Original End Date *	Actual/Expected End Date *
2022-09-30	2023-08-01	2022-12-28	2023-12-28
As stated in the approved proposal, approved extension plan, or in the latest approved Progress Report.	Actual start date of the output, or the planned date if the implementation hasn't started yet.	As started in the approved proposal, approved extension plan, or in the latest approved Progress Report.	Actual end date of the output if it's already completed, or the expected end date per updated estimates

Variance/delay explanation *

Note: the "Original Date" refers to the initial dates outlined in the approved readiness proposal. The actual dates are referring to those approved in the No-Cost - Extension (NCE). Following the timeline of the NCE, no delays occurred in the current reporting period.

Please explain the reasons for any difference between a planned output and the actual output. If there's no variation, please add "N/A"

Section 3: Budget & Expenditure - v1 2024-05-21 17:48 +09:00

RPSP SECTION 3: BUDGET AND EXPENDITURE

Please note that the report will be considered valid only after all the sections and attachments are filled with relevant details.

To add expenses: choose "Add row", select from the dropdown menu relevant Outcome, Output and Cost category and provide numeric value for expense. If cost category is missing, add own cost category simply by typing it into the "Cost Category" field.

To see the summary of costs added, after providing numeric values for each Outcome, Output, and Cost Category, click on the "Fill" slide button to see calculated totals. Please make sure that you choose "contingency" and "delivery partner fee" in all columns to return the correct totals.

In the remark column, you can provide justification or a note at each budget line. Please be advised that this is the only column where you can type text.

3.1 Budget and Expenditure reporting

3.1.1 Resources

	Fund Cumulative Prior Period	Fund Received Current Period	Total Fund Received	Remarks
a. Fund Received from GCF	a1 441,163 USD	a2 0 USD	a1+a2 441163	
b. Interest Income	b1 0 USD	b2 0 USD	b1+b2 0	Interest income reported on a yearly basis through the UNEP's audited financial statements, on a portfolio basis. The audited financial statement sent to GCF via email
c. Other Resources	c1 0 USD	c2 0 USD	c1+c2 0	
TOTAL RESOURCES	Sum of fund cumulative prior period 441163	Sum of fund received current period 0	Sum of total fund received 441163	

Note: Please enter "0 (zero)" without leaving any data fields blank to get the sum.

3.1.2 Budget & Expenditure

Please, select relevant Outcomes, Outputs and Cost categories. If relevant Cost Category was not found, type in the field own name for the cost category.

This component can't be displayed in printable format. Please refer to the online version.

Note: Any reallocation of the approved budget among the cost categories resulting in a variation of more than 20% must seek prior approval from the GCF Secretariat in writing. This method may not be used to increase project management costs.

You may submit a budget change request using the template here: www.greenclimate.fund/document/letter-request-change-approved-readiness-and-preparatory-support-programme-proposal

As an option, please provide the budget and expenditure report template.

[KGZ-RS-003 Financial Completion report.xlsx](#)

Use the template provided here: www.greencclimate.fund/sites/default/files/document/readiness-budget-and-expenditure-report-template-20240202-1.xlsx

Accepted formats: MS Excel (.xlsx, .xls)

Please provide any supporting documents as attachment below when requested.

This may include supporting documents to justify the committed amounts when the DP is requested to provide them additionally during the review.

3.2 Project Total

Budget

Approved budget	Budget re-allocation	Budget after re-allocation	Change in %
490180.22	0	490180.22	0

Expenditure

Cumulative Prior period Expenditure	Expenditure for this reporting period	Commitment	Total Expenditure
80761.83	319862.26	38920.2	439544.29
Budget utilisation rate in %	Available budget		
89.67	50635.93		

3.3 Reporting on the disbursement schedule

Please provide the updated disbursement schedule. You may refer to the initial disbursement schedule planned at the proposal approval stage. Add as many rows as needed to list all the tranches planned. Please make sure that the sum of disbursed and scheduled amounts is in line with the total approved amount and the sum of disbursed amount is in line with the total disbursed amount.

REFERENCE ONLY:	Total approved amount		Total disbursed amount	
	490,181	USD	441,163	USD

Tranche No.	Amount ?		Date ?	Status
1st disbursement	441,163	USD	2021-03-19	Paid

3.4 Reporting on changes in the budget plan

3.4.1 Are there significant changes in the budget plan reported in this section?

- Yes
- No

Section 4: Procurement Plan - v1 2024-05-21 17:48 +09:00

RPSP SECTION 4: PROCUREMENT PLAN - CR

DPs are now required to include the procurement plan template in the reports. This inclusion serves to report on the execution of the overall procurement plan and to highlight any changes not subject to GCF pre-approval, as outlined in the procurement plan guidelines

Reporting on changes in the procurement plan

4.1 Are there any changes in the procurement plan reported in this section which do not require GCF prior approval?

- Yes
 No

[Readiness Grant Procurement Plan Template](#)

Find direct access to the format in the link below.

Please upload the procurement plan using the standard template (see above) *

[15 MAY annex-iii-iv-readiness-revised-procurement-and-implementation-plan-0 2.xlsx](#)