

# FP108 Transforming the Indus Basin with Climate Resilient Agriculture and Water Management

Annual Performance Report CY2020

## Section 1: General Information

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### Section 1: General Information

Please note that this is section 1 of the six Annual Performance Report (APR) sections. APR will be considered valid only after all the six sections and the additional section on COVID-19 are filled with relevant details.

#### 1.1 Please indicate if information provided in this APR is disclosable outside the Green Climate Fund. \*

- Yes - The Accredited Entity agrees that the information reported is disclosable.
- No - The information reported is partly confidential. The disclosable version of the APR will be attached.

If you select the second option [No - The information reported is partly confidential. The disclosable version of the APR will be attached], please follow the below steps.

- Step 1: Fill in all the sections of the APR with disclosable information.
- Step 2: Save each section using the 'Open as PDF' function provided in the top-right corner. (Do NOT submit an APR at this step).
- Step 3: Attach all these disclosable six sections, including an additional section on COVID-19, to the attachment boxes below, which will be shown once you check the second option only.
- Step 4: Update all the sections of the APR below with non-disclosable information.
- Step 5: Submit the non-disclosable APR with an attachment of the disclosable APR in the PDF format.

#### 1.2 Please indicate if this report has been shared with the relevant NDA(s) for this Funded Activity

Yes

Once the APR is created in the PPMS, please use the 'Open as PDF' function to download the report in PDF format and to share with relevant authorities (i.e. NDAs) before submission. Select 'Yes' only if shared to ALL the relevant NDA(s).

#### Please Indicate the date of submission to NDA(s)

2021-02-25

If the APR is submitted to multiple NDAs, please indicate the latest date of submission to NDA, and provide the other dates per NDA in the further explanation box below.

#### Please provide further explanation, if any:

#### 1.3 Funded Activity Title (Project/Programme Title)

Transforming the Indus Basin with Climate Resilient Agriculture and Water Management

*(Information is locked for editing)*

#### 1.4 Funding Proposal Reference Number

FP108

*(Information is locked for editing)*

#### 1.5 Board Meeting Number

23

*(Information is locked for editing)*

**1.6 Accredited Entity contacts for this APR**

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**1.7 Executing Entity(ies)**

<b>Full Name of Executing Entity</b>
Food and Agriculture Organization of the United Nations (FAO)

**1.8 Project Duration**

<b>From</b>	<b>To</b>
2020-03-02	2026-03-02

**1.9 Current Year of Implementation**

1
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Indicate the year number, e.g., '2'

**1.10 Annual reporting period covered in this report**

<b>From</b>	<b>To</b>
2020-03-02	2020-12-31

**Confirmation and Acknowledgement of Information \***

\* This is a required question to submit section 1 of the Annual Performance Report (APR).

 The accredited entity hereby confirms that the information provided in section 1 is complete and ready for submission.

## Section 2: Implementation Progress

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### Section 2: Implementation Progress

Please note that this is section 2 of the six Annual Performance Report (APR) sections. APR will be considered valid only after all the six sections and the additional section on COVID-19 are filled with relevant details.

#### 2.1 Overall (summary) project progress

The project "Transforming the Indus Basin with Climate Resilient Agriculture and Water Management" aims to increase resilience to climate change among the most vulnerable farmers in the Indus Basin and to strengthen the government's capacity to support communities in adapting to climate change across eight vulnerable districts in the Punjab and Sindh provinces. The GCF approved the project in its 23rd Board meeting, followed by the signing of the Funded Activity Agreement (FAA) on 8 July 2019. The Ministry of Climate Change (MoCC) and FAO signed the Project Agreement on 14 February 2020 and the FAA became effective on 3 March 2020.

The project was in its inception phase till 3 December 2020, wherein FAO primarily focussed on consensus building amongst the key stakeholders on project outcomes, outputs, activities, and key deliverables, establishing the requisite governance and institutional set-up, approval of the Year-1 Annual Work Plan and Budget, selection of project Union Councils, villages and beneficiaries and other start-up activities, preparation, and review of the Planning Commission Form -1 (PC-1) of Sindh and Punjab, and meeting with the counterpart government departments on co-financing commitments and disbursement- FAO is striving to accomplish the last two activities. A summary of the main achievements during the reporting period is provided below:

- Inception Workshops: In close collaboration with the federal and provincial government implementing entities, FAO organized four virtual inception workshops (1 National, 2 Provincial, 1 multi-stakeholders consultative workshop for Sindh and Punjab). A diverse range of national, provincial, district government ministries/departments and other key stakeholders participated in these workshops. The primary outcome was the firm commitment and support expressed by all key government departments and stakeholders for the impactful project implementation. Please refer to section 2.2.5 for more details.
- Project Governance Structure: The Project Oversight Committee (POC) at the federal level and the Provincial Project Technical Committee (PPTC) at the Punjab province-level were officially notified on 15 April 2020 and 9 July 2020, respectively. FAO is following-up with the Sindh government counterparts for the notification of PPTC in Sindh. The POC met twice virtually, on 4 September and 30 November 2020. Please refer to Annex 2 and Annex 3.
- Approval of the Year-1 Annual Work Plan and Budget (AWPB): The POC approved, with the consensus of all members, the project Year-1 AWPB in its second meeting held on 30 November 2020.
- Institutional and Implementation Arrangements: FAO is on-track concerning the setting-up of the project oversight and implementation arrangements at the provincial and district levels. Recruitment of staff is ongoing.
- Finalization of Geographical Areas (Union Councils): FAO applied the same GIS-based scientific approach, multi-vulnerability criteria analyses, and evidence-based process, previously used to identify the project target districts, to select Union Councils (UCs). Additionally, FAO organized two consultative area finalization workshops - one each in Sindh and Punjab. During these workshops, the government departments endorsed ten top-ranked UCs for each of the eight districts for the project implementation. FAO has also finalized the selection of 55 villages (31 in Punjab and 24 in Sindh) to implement Climate Business Farmer Schools (CBFS), demonstration plots, and Women Open Schools (WOS) for the Rabi season 2020 -21. The procurement of agriculture inputs for the planned CBFS/WOS/demonstration plots for the Rabi cropping season 2020-21 is complete, inputs timely transferred to the Provincial Project Implementation Unit (PPIUs) of Sindh and Punjab, and distribution concluded.
- Implementation of farmer-focused interventions: During the Rabi cropping season 2020-21, the project established 32 CBFS, 16 WOS, 17 demonstration plots to train 1705 farmers, including 1225 men and 480 women farmers in climate-resilient agriculture (CRA) practices. Project staff (16) were also trained on CBFS/WOS/demonstration plots methodology. Design and development of learning material for CBFS/WOS to support CRA adoption were also undertaken. Detailed reporting is provided under Section 2.3.

Main challenges encountered are:

- a) COVID-19 pandemic in project target districts and associated restrictions. FAO relied on information technology and virtual settings to organize the inception workshops and staff. COVID-19 impact remains very volatile; it is likely to affect the overall implementation of activities in 2021. Project teams are monitoring the situation continuously and devise robust and flexible implementation strategies.
- b) Delays in acquiring the PC-1 approval and co-financing commitments due to lengthy administrative and approval procedures of the governments of Punjab and Sindh. Likewise, obtaining PC-1 approval from different departments at the provincial level has also been challenging, partly because of the inter-departmental coordination gap. FAO is closely monitoring the process and providing the needed support to finalize the Agreements.

Annexes have been posted under Section 6 - Attachments except for the Updated Implementation Plan (under Section 5 - Annexes).

Provide a narrative report describing the overall progress on the implementation of the funded activity, focusing on implementation achievements, delays, and challenges according to the planned activities. As relevant, include references to other sections of this report (including Annexes or Attachments). Include a description of key milestones of the funded activity achieved during this reporting period including any deviations from original expectations. Also, describe challenges encountered and actions undertaken to resolve these challenges, and lessons learned during the implementation, including issues related to non-compliance with GCF standards or conditions, if any. In parallel, include positive achievements and better-than-expected results. If any issues have arisen in the last twelve (12) months of implementation that may result in a change to the scope and/or timing of the project, please provide a description of those items and how they have impacted the implementation period and final targets. Kindly make sure that this section just gives an overall summary and doesn't have overlap with other sections.

## 2.2 Performance against the GCF investment criteria (summary)

At the time of this first APR, the project is in its initial stage of implementation. Consequently, it is premature to provide a comprehensive assessment of the project performance against the GCF investment criteria. However, the feedback and commitment expressed by about 250 government officials at all levels and other stakeholders during the project inception workshops reconfirm the country ownership, needs of recipients, and paradigm shift potential. The initial activities of engaging around 1705 farmers in eight project districts through CBFS/WOS/Demonstration plots provide early signs of cost efficiency, sustainable development, and impact potential.

Provide a narrative report describing the progress on the funded activity's performance against the GCF investment criteria framework. The performance should be compared against the initial assessment provided in the Board-approved Funding Proposal (section E). The list of the investment criteria as per the current framework is provided below. For each investment criteria outlined below, please include an assessment of current status, changes, progress and impact of the project as well as any impact of project context on the project during this reporting period against the initial baseline scenario and planned activities as per the assessment presented in the approved Funding Proposal. This sub-section 2.2 is not applicable for REDD+ Results-Based Payments Projects. Please write 'Not Applicable' as the response.

## Relevant Links

[The GCF investment criteria framework](#)

### 2.2.1 Impact Potential

FAO has given prime importance to monitoring and measuring the project impact potential, starting with employing robust evidence-based analysis, stakeholder dialogue, and consultation to select the project geographical areas (UCs/villages) and beneficiaries who are the most vulnerable to climate change and food insecurity. While setting up a robust M&E system, the project has begun to collect data, information to measure the impacts of its initial activities, such as introducing climate-resilient agriculture (CRA) practices through CBFS, WOS, and demonstration plots. The men and women farmer-beneficiaries reached are reported in the table below against the GCF core indicators (adaptation) for impact potential. As the number of beneficiaries reached relative to the total population is negligibly small; hence, progress against this will be reported in the next APRs.

#### Adaptation Core Indicators:

Expected number of direct and indirect beneficiaries disaggregated by gender reduced vulnerability or increased resilience  
(The Number of beneficiaries relative to the total population is to be reported in the second APR)

#### Mid-Term Target:

0.4 million (including 190,800 women)

#### Progress Update:

7,963 people living in 1225 farming households (4045 men and 3918 women) (Average family size used is 6.5/household. To avoid double counting, we have not counted 480 women beneficiaries of WOS as they already are from those farmers' households who are participating in CBFS/Demo plots).

With the support from the GCF Secretariat, the project team has designed the Learning Oriented Real-Time Impact Assessment (LORTA). The project M&E Specialists based in Islamabad, Multan, and Hyderabad, with the technical support and guidance provided by the lead technical officers based in FAO Country Office Islamabad, and FAO Regional Office for Asia and the Pacific are now finalizing the subsequent baseline assessment, which will take place during the first quarter of 2021. The baseline, mid and end-line assessments will allow the project to quantify the level of climate risk awareness, adaptation capacity, reduced vulnerability and ultimately enhanced resilience, health, well-being, food, and water security of project beneficiaries as the result of the project support.

### 2.2.2 Paradigm shift potential

As explained in the project document, the project potential for replication and scaling up is by (i) establishing cutting-edge systems and build capacities to generate, disseminate and utilize vital data and information on climate change and its impacts on water resources and farming systems; (ii) strengthening the extension system in the Indus Basin to ensure it is better able to support the adoption of locally appropriate CRA and On-Farm Water Management (OFWM); (iii) supporting the adoption of CRA and OFWM practices among a critical mass of farmers, which will further increase local awareness of – and the demand for – these climate-resilient approaches to farming, thus stimulate replication; and (iv) strengthening the enabling environment to ensure state and non-state actors are better able to support the adoption of CRA and OFWM at scale, and contribute to the process of transforming Indus Basin agriculture beyond project closure.

Further, the project paradigm shift is envisaged through knowledge and learning on climate change impacts and climate-resilient practices and contributing to regulatory and policy frameworks. The initial promotion of CRA practices has already commenced (Component 2) and participatory learning sessions are regularly organized to improve farmers' knowledge on locally appropriate CRA. The comparative learning approach and the agro-ecosystem literacy tools are an integral part of these sessions. Farmers are learning to observe field situations and the ecosystem, combined with discussion and analysis of the information gathered through observations for making informed crop-production decisions. Farmers are also acquiring knowledge by conducting economic analysis on their learning plots and judicious use of agriculture inputs for sustainable crop production. FAO's discussion with farmers reveals that the local awareness of CRA has already started to rise as a result of information sharing through word of mouth between beneficiary farmers and non-beneficiary farmers on newly acquired learnings, adaptation benefits, and financial viability of CRA. This is also an indication of the paradigm shift potential envisaged under the project.

### 2.2.3 Sustainable development potential

The project is expected to have positive economic, environmental, social, and gender-sensitive development benefits through its impacts on the local economic growth, reduction in greenhouse gases (GHGs), increased empowerment of women and minority groups, and improvement of nutrition and food security. The five CRA practices (zero tillage, ridge sowing, drill sowing, inter-cropping, raised bed sowing for wheat) have been introduced and are likely to bring profound environmental benefits, such as soil protection against erosion and degradation, increase soil organic matter and GHGs mitigation. The project has explicitly selected the most vulnerable women farmers, including those belonging to socially excluded minority groups (for instance, Hindu) for technical training in the WOS and the associated demonstration plots activity. It has taken a step towards women empowerment and reducing their social exclusion by ascertaining access to training and skills which are critical for expanding the women and minority groups' participation in the local economy, and eventually the improved household food production systems. The planned post-activity monitoring of CBFS/demonstration plots/learning plots/WOS will provide a comprehensive analysis of the impact of the CRA on crop productivity, yield, the income of beneficiary farmers, including any changes in household food consumption pattern, dietary diversification, and multiplier effects on the local economy as a result of farmers increased income and agriculture production. The accrued environmental, social, and economic benefits to women and men farmers/agriculture producers due to increased knowledge, skills, and practices will be reported in the next-year APR.

### 2.2.4 Needs of the recipient

Pakistan is highly vulnerable to climate change. The Global Climate Risk Index 2021 ranks Pakistan the fifth most impacted countries during 1999-2019. The heavy rainfall and flooding in Sindh in 2020, particularly in Umerkot, Sanghar, and Badin, following severe impacts of the 2018-2019 drought, were highlighted by the government officials in the Sindh Inception Workshop as evidence of the relevance and the need of the project to Pakistan and its population. This was also explicitly recognized by the government officials who participated in the national inception workshop and the POC meetings. The planned baseline assessment will provide the most up-to-date information on the vulnerability and resilience of the rural farming households in eight project districts of Punjab and Sindh, primarily tenant farmers and landless; only 22 percent and 36% of households in Sindh and Punjab own agricultural land they farm.

### 2.2.5 Country Ownership

The project has reaffirmed country ownership, reflected through the firm commitment and support expressed at all levels - by the POC and MoCC at the federal level, the PPTC, the provincial Departments of Agriculture and other concerned departments, district and UC authorities, and other stakeholders.

As stated under section 2.1, the POC at the national level and the PPTC at the Punjab province level have been notified/established. Secretary MoCC is the designated project lead from MoCC at the national level. FAO is closely coordinating with the Sindh and Punjab government departments to notify the remaining governance and institutional set-ups. Two POC meetings were held and attended by all designated national and provincial members of respective ministries/departments. During these meetings, all the members deliberated on the project Year-1 AWPB, the progress made against the PC-1 preparation and approval, co-financing agreements signing and release of funds, which indicates the project's ownership by all government implementing entities.

Likewise, the stakeholders' consultation workshops, held in Multan (Punjab) and Hyderabad (Sindh), including on UCs prioritization, village selection criteria, and indicators, have resulted in improved understanding of the provincial and district government implementing entities/stakeholders, as well as improved collaboration and shared decision-making to finalize the selection of project UCs to kick start its implementation. In November–December 2020, the GCF Provincial Coordinators for Sindh and Punjab, and the FAO Pakistan senior management (Country Representative, Head Of Programmes, International Land and Water Officer/Lead Technical Officer, Provincial International Project Coordinator for Sindh) held bilateral meetings in Sindh and Punjab with the senior officials of the key government departments to expedite the process of PC-1 approval, signing of the co-financing commitment, and release of funds to FAO.

### 2.2.6 Efficiency and Effectiveness

FAO effectively organized four inception workshops virtually (1 national, 2 provincial, 1 multi-stakeholder consultative) against the planned target of one Inception workshop. These virtual workshops, particularly in the context of COVID-19 pandemic, proved to be very cost-effective and enabled larger participation at the provincial level. The work has also progressed on activities such as the recruitment of staff, setting-up of the project governance and institutional set-up, geographical area finalization, approval of the Year 1 AWPB, the implementation of farmer-focused interventions CBFS/WOS/demonstration plots, and utilization of around USD 316,214 of the budget. The project monitoring and evaluation (M&E) system has also been established to gauge the initial positive results as farmers are learning CRA and started sharing their experiences with other farmers including newly acquired learnings, adaptation benefits, and financial viability of CRA, which is expected to result in more and more farmers adopting those new practices. Given the vital importance to acquire the co-financing contributions by the provincial governments, FAO has held detailed meetings with the government departments of Sindh and Punjab provinces on PC-1 approval, co-financing, and signature of the agreements. The PC-1 of Sindh and Punjab provinces have been prepared, reviewed, and revised; and are in the final stages of approval. Following the approval, FAO will sign the Unilateral Trust Fund (UTF) Agreement with the provinces to mobilize the co-financing resources as planned. Upon the release of co-financing funds, GCF resources will be used, in combination with these contributions from the provincial governments to produce public goods and services, developing capacity of both the Government and farmers, as well as better information, and knowledge of climate change issues.

## 2.3 Project Outputs Implementation Status

**Use 'Add Row' button to add multiple outputs and/or activities reported against one output**

**Project Output Name**

1.1: Developing a water accounting system

The output name should match with the output reported in the sub-section 2.4.3. If you have multiple activities to be reported against one output, you need to write down the same output name for every activity.

**Project Activity Name**

Activity 1.1.1 Develop and establish a water accounting system, including the equipment needed to operate this system in two canals.

Status	Implementation Progress
Activity not yet due	8.44 %

**Progress for the relevant reporting period**

The progress of 8.44% primarily relates to the preliminary administrative and operational expenditures incurred during the reporting period. The activity implementation will begin as planned.

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, key milestones reached, and lessons learned, including issues related to non-compliance with GCF standards or conditions, vis-à-vis expectations, if any. In parallel, include positive achievements and better-than-expected results.

**Key milestones and deliverables for the next reporting period**

Curriculum developed for training universities in the water accounting system and trainings conducted (December 2021)

Please include a list of key milestones and deliverables expected to be executed in the next reporting period.

**Project Output Name**

1.1: Developing a water accounting system

The output name should match with the output reported in the sub-section 2.4.3. If you have multiple activities to be reported against one output, you need to write down the same output name for every activity.

**Project Activity Name**

Activity 1.1.2. Conduct risk-based assessments of aquifer vulnerability, and procure and install automatic groundwater level sensors to enable continued monitoring.

Status	Implementation Progress
Activity not yet due	0 %

**Progress for the relevant reporting period**

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, key milestones reached, and lessons learned, including issues related to non-compliance with GCF standards or conditions, vis-à-vis expectations, if any. In parallel, include positive achievements and better-than-expected results.

**Key milestones and deliverables for the next reporting period**

Risk-based assessments of aquifer vulnerability conducted (June 2021)  
 Installation of 20 Automatic Level sensors on different canals. Training on aquifer vulnerability assessments completed (annual) by the end of PY 2 (December 2021)

Please include a list of key milestones and deliverables expected to be executed in the next reporting period.

**Project Output Name**

1.1: Developing a water accounting system

The output name should match with the output reported in the sub-section 2.4.3. If you have multiple activities to be reported against one output, you need to write down the same output name for every activity.

**Project Activity Name**

Activity 1.1.3 Support the development of local aquifer management plans and participatory aquifer management at the field level.

<b>Status</b>	<b>Implementation Progress</b>
Activity not yet due	0 %
<b>Progress for the relevant reporting period</b>	
<p>Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, key milestones reached, and lessons learned, including issues related to non-compliance with GCF standards or conditions, vis-à-vis expectations, if any. In parallel, include positive achievements and better-than-expected results.</p>	
<b>Key milestones and deliverables for the next reporting period</b>	
Aquifer management plans developed. Training on hydrology monitoring completed (annual) by the end of PY 2 (December 2021)	
<p>Please include a list of key milestones and deliverables expected to be executed in the next reporting period.</p>	

<b>Project Output Name</b>	
1.2: Establishing an evapotranspiration-based water management system	
<p>The output name should match with the output reported in the sub-section 2.4.3. If you have multiple activities to be reported against one output, you need to write down the same output name for every activity.</p>	
<b>Project Activity Name</b>	
Activity 1.2.1 Develop and deploy an ET monitoring system.	
<b>Status</b>	<b>Implementation Progress</b>
Activity not yet due	0 %
<b>Progress for the relevant reporting period</b>	
<p>Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, key milestones reached, and lessons learned, including issues related to non-compliance with GCF standards or conditions, vis-à-vis expectations, if any. In parallel, include positive achievements and better-than-expected results.</p>	
<b>Key milestones and deliverables for the next reporting period</b>	
(June 2021) 24 automatic weather stations, flux instruments installed ET software and hardware procured, installed, calibrated (December 2021) Evapotranspiration (ET) monitoring system established with ET hardware, including flux instrument and software deployment.	
<p>Please include a list of key milestones and deliverables expected to be executed in the next reporting period.</p>	

<b>Project Output Name</b>	
1.2: Establishing an evapotranspiration-based water management system	
<p>The output name should match with the output reported in the sub-section 2.4.3. If you have multiple activities to be reported against one output, you need to write down the same output name for every activity.</p>	
<b>Project Activity Name</b>	
Activity 1.2.2 Design, develop and build capacity to use ET-based water management software applications/tools to guide planning at policy and field levels.	
<b>Status</b>	<b>Implementation Progress</b>
Activity not yet due	0 %
<b>Progress for the relevant reporting period</b>	
<p>Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, key milestones reached, and lessons learned, including issues related to non-compliance with GCF standards or conditions, vis-à-vis expectations, if any. In parallel, include positive achievements and better-than-expected results.</p>	

**Key milestones and deliverables for the next reporting period**

Please include a list of key milestones and deliverables expected to be executed in the next reporting period.

**Project Output Name**

1.2: Establishing an evapotranspiration-based water management system

The output name should match with the output reported in the sub-section 2.4.3. If you have multiple activities to be reported against one output, you need to write down the same output name for every activity.

**Project Activity Name**

Activity 1.2.3 Strengthen the network of agrometeorological stations in the Project Area by installing and upgrading stations.

Status	Implementation Progress
Activity not yet due	0 %

**Progress for the relevant reporting period**

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, key milestones reached, and lessons learned, including issues related to non-compliance with GCF standards or conditions, vis-à-vis expectations, if any. In parallel, include positive achievements and better-than-expected results.

**Key milestones and deliverables for the next reporting period**

Installation of 6 agrometeorological stations (including Lysimeters) and existing stations completed and linked with the existing agro-meteorological network. (December 2021)

Please include a list of key milestones and deliverables expected to be executed in the next reporting period.

**Project Output Name**

1.3: Improving availability and use of information service

The output name should match with the output reported in the sub-section 2.4.3. If you have multiple activities to be reported against one output, you need to write down the same output name for every activity.

**Project Activity Name**

Activity 1.3.1 Train Professional Beneficiaries in the water and agriculture sectors to use IT tools to inform planning and decision-making related to climate change, agriculture and water.

Status	Implementation Progress
Activity not yet due	0 %

**Progress for the relevant reporting period**

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, key milestones reached, and lessons learned, including issues related to non-compliance with GCF standards or conditions, vis-à-vis expectations, if any. In parallel, include positive achievements and better-than-expected results.

**Key milestones and deliverables for the next reporting period**

Training material developed and TNA completed (June 2021)  
Annual training events (12 training ) on ASIS, Earth Map/Collect Earth, MOSAICC, Aqua crop completed (December 2021)

Please include a list of key milestones and deliverables expected to be executed in the next reporting period.

**Project Output Name**

1.3: Improving availability and use of information service

The output name should match with the output reported in the sub-section 2.4.3. If you have multiple activities to be reported against one output, you need to write down the same output name for every activity.

**Project Activity Name**

Activity 1.3.2 Development of the Agri-Climate-Water Information (ACWA) Portal

**Status**

Activity not yet due

**Implementation Progress**

0

%

**Progress for the relevant reporting period**

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, key milestones reached, and lessons learned, including issues related to non-compliance with GCF standards or conditions, vis-à-vis expectations, if any. In parallel, include positive achievements and better-than-expected results.

**Key milestones and deliverables for the next reporting period**

Development of Agri-Climate-Water ("ACWA") Information web Portal completed (December 2021)

Please include a list of key milestones and deliverables expected to be executed in the next reporting period.

**Project Output Name**

1.3: Improving availability and use of information service

The output name should match with the output reported in the sub-section 2.4.3. If you have multiple activities to be reported against one output, you need to write down the same output name for every activity.

**Project Activity Name**

Activity 1.3.3 Develop a consortium for information management and the ACWA Portal.

**Status**

Activity not yet due

**Implementation Progress**

0

%

**Progress for the relevant reporting period**

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, key milestones reached, and lessons learned, including issues related to non-compliance with GCF standards or conditions, vis-à-vis expectations, if any. In parallel, include positive achievements and better-than-expected results.

**Key milestones and deliverables for the next reporting period**

Consortium for information management and the ACWA Information Portal developed. (December 2021)

Please include a list of key milestones and deliverables expected to be executed in the next reporting period.

**Project Output Name**

2.1: Improving practices for climate resilience

The output name should match with the output reported in the sub-section 2.4.3. If you have multiple activities to be reported against one output, you need to write down the same output name for every activity.

**Project Activity Name**

Activity 2.1.1 Develop and improve training materials to support the adoption of CRA and OFWM practices.

**Status**

Activity started - progress on track

**Implementation Progress**

31

%

**Progress for the relevant reporting period**

The Climate Business Field School (CBFS) and demonstration plot training manuals for three different cropping systems (Cotton-Wheat, Rice-Wheat, and Sugarcane Intercropping), have been developed by FAO international consultant and national technical experts. FAO technical experts have also designed the learning material, including a catalogue, agro-ecosystem literacy tool on WOS enterprises, and the revision of field manual is in progress. Likewise, advanced learning material/tools for CBFS of the above-mentioned cropping systems have also been developed by adopting the FAO's tested innovative Jam's4Color-Value model, which helps mitigate the learning challenges arising from illiteracy, age, education level, gender, and social background, enabling illiterate or poorly educated farmers to learn farming techniques with ease. Tools/learning materials that have been developed using the Jam's4Color model are i) manual on Agro Ecosystem Analysis board, ii) interactive "Agro Ecosystem Analysis (AESA) Boards on three primary cropping system, including the WOS for ecosystem literacy, crop production, climate change, homestead gardening, food security, decent work, pesticides safety and handling, WASH and child labour, etc.; and iii) a set of brief guidelines for field school learning based on the climate-resilient practices catalogue.

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, key milestones reached, and lessons learned, including issues related to non-compliance with GCF standards or conditions, vis-à-vis expectations, if any. In parallel, include positive achievements and better-than-expected results.

**Key milestones and deliverables for the next reporting period**

Curriculum developed to support the adoption of Climate Resilient Agriculture ("CRA") and On-Farm Water Management ("OFWM") practices through field school approach (June 2021).  
 Creation and printing of women's open school knowledge products, including women enterprises catalogue and curriculum (October 2021).

Please include a list of key milestones and deliverables expected to be executed in the next reporting period.

**Project Output Name**

2.1: Improving practices for climate resilience

The output name should match with the output reported in the sub-section 2.4.3. If you have multiple activities to be reported against one output, you need to write down the same output name for every activity.

**Project Activity Name**

Activity 2.1.2 Set up project demonstration plots and support adaptive research to underpin the delivery of climate-informed extension services., procurement of inputs/technical specifications

**Status**

Activity started - progress on track

**Implementation Progress**

0.85

%

**Progress for the relevant reporting period**

Selection of Union Councils and villages:

- a) For selecting union councils in eight project districts, FAO applied the GIS-based multi-criteria decision analysis for scientific and evidence-based decision-making. FAO technical experts designed multi-layered vulnerability criteria, assigning different weights to the multi-criteria layers, processed the datasets, followed by classification and ranking of the UCs according to their scores, and generating maps. FAO technical experts also assessed the crop diversification and growth potential in each of the UCs of eight project districts using the GIS-based analysis, wherein the datasets used were from the ii) crop masks data from FAO/SUPARCO 2013 project for the five major crops, ii) crop suitability data from FAO's agro-ecological zones mapping for Punjab and Sindh.
- b) Two area finalization workshops, one each for Sindh and Punjab, were held on October 26 and October 28, 2020, to prioritize the project UCs in consultation with the government departments. In these workshops, the UC ranking, process, and criteria were presented to the districts' focal points of Departments of Agriculture, Agriculture Extension, Irrigation, and On-farm Water Management from Punjab and Sindh. In these workshops, FAO technical staff and district government representatives jointly prioritize 10 UCs/district by following agreed criteria of i) climate and water dynamics, b) agriculture-related vulnerability, c) hazard occurrence, d) crop diversity, e) socio-economic conditions, f) willingness of farmers and women to participate, g) duplication with other government projects, e) ensure complementarity.
- c) For the Rabi 2020-21 cropping season activities, Sindh Project Management Implementation Unit (PMIU) has selected 9 UCs in 3 project districts of Sindh ( 03 UCs/ districts in each project district ) to establish CBFS, WOS, and demonstration plots. [Please refer to Annex 3 List of Finalized/Endorsed UCs and Prioritized UCs/Villages for Rabi 2020-21 Interventions – Sindh]. Likewise, the Punjab PPIU has prioritized 13 UCs ( 2 UCs in each of D.G.Khan and Muzaffargarh, and 3 UCs in Lodhran, Multan Khanewal districts). [Please refer to Annex 4 List of Finalized/Endorsed UCs and Prioritized UCs/Villages for Rabi 2020 Interventions – Punjab].
- d) Before the commencement of CBFS/WOS/demonstration plots, the Monitoring and Evaluation Specialists in Sindh and Punjab PPIUs supported the team in developing tools and criteria for undertaking village profiling in 9 UCs of Sindh and 13 UCs of Punjab. Following analysis, 55 villages (31 in Punjab and 24 in Sindh) were selected for Rabi 2020 cropping season. The team is consolidating the information collected through the participatory appraisal village profiling tool that will also become an integral part of the baseline data. Provincial Project Implementation Units (PPIUs) of Sindh and Punjab have finalized the selection of project UCs and villages in consultation with the Agriculture Extension department, On-Farm Water Management, and Irrigation departments. PPIUs selected 55 villages (31 in Punjab and 24 in Sindh for implementation) using the holistic, participatory rural appraisal approach and engaging the communities in each village in identifying resilient climate crops and assessing hazard situations.

During the Rabi 2020-21, the Sindh and Punjab teams have set up 17 demonstration sites/plots (8 sites for the cotton-wheat cropping system and 9 for the rice-wheat cropping system). In Punjab, field teams accomplished setting-up of 11 demonstration sites wherein Sindh, 06 demonstration sites/plots, to demonstrate the following CRA practices: i) zero tillage, ii) ridge sowing, iii) drill sowing, iv) inter-cropping, v) raised bed sowing for wheat, vi) improved varietal trials. Informal information on learnings, adaptation benefits and economic viability of CRA practices is also taking place in project villages.

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, key milestones reached, and lessons learned, including issues related to non-compliance with GCF standards or conditions, vis-à-vis expectations, if any. In parallel, include positive achievements and better-than-expected results.

**Key milestones and deliverables for the next reporting period**

- Establishment of 48 demonstration plots and support adaptive research to underpin the delivery of climate-informed extension services. (November 2021).
- Development of data books and economic analysis of CRA and OFWM practices demonstrated as adaptive research under demonstration plots. (December 2021)

Please include a list of key milestones and deliverables expected to be executed in the next reporting period.

**Project Output Name**

2.1: Improving practices for climate resilience

The output name should match with the output reported in the sub-section 2.4.3. If you have multiple activities to be reported against one output, you need to write down the same output name for every activity.

**Project Activity Name**

Activity 2.1.3 Develop a CRA and OFWM practice repository – the Pakistan Climate Agriculture Information System (PCAIS).

**Status**

Activity not yet due

**Implementation Progress**

0	%
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**Progress for the relevant reporting period**

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, key milestones reached, and lessons learned, including issues related to non-compliance with GCF standards or conditions, vis-à-vis expectations, if any. In parallel, include positive achievements and better-than-expected results.

**Key milestones and deliverables for the next reporting period**

CRA and OFWM practice repository -the Pakistan Climate Agriculture Information System ("PCAIS") developed (December 2021)

Please include a list of key milestones and deliverables expected to be executed in the next reporting period.

**Project Output Name**

2.2: Training of trainers on CRA and OFWM

The output name should match with the output reported in the sub-section 2.4.3. If you have multiple activities to be reported against one output, you need to write down the same output name for every activity.

**Project Activity Name**

Activity 2.2.1 Train the core facilitators/staff who will lead climate-informed extension service delivery in each of the eight project districts. Hiring and training facilitators - positions should be announced in September so that they are available in November

Status	Implementation Progress
Activity started - progress on track	0.8 %

**Progress for the relevant reporting period**

FAO technical expert (National FFS Specialist) facilitated a virtual training/orientation for the field staff on October 14, 2020, with the aim to provide technical approaches and skills in establishing CBFS, WOS, and the demonstration plots to disseminate the climate-resilient practices. 16 FFS facilitators/extension workers of Punjab and Sindh provinces (4 women and 12 men) attended this virtual training. The key topics covered were the FFS approach under the project, the village selection process, an agroecosystem analysis tool for the field, and the data collection and management systems. A WhatsApp group of FFS field facilitators/extension workers was also formed to provide timely technical support on a needs basis.

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, key milestones reached, and lessons learned, including issues related to non-compliance with GCF standards or conditions, vis-à-vis expectations, if any. In parallel, include positive achievements and better-than-expected results.

**Key milestones and deliverables for the next reporting period**

Organization of 3 Training of trainers on CRA and OFWM to train the core facilitators/staff who will lead climate-informed extension service delivery in each of the eight districts of the Project Area. (Feb 2021 and April and August 2021).

Please include a list of key milestones and deliverables expected to be executed in the next reporting period.

**Project Output Name**

2.2: Training of trainers on CRA and OFWM

The output name should match with the output reported in the sub-section 2.4.3. If you have multiple activities to be reported against one output, you need to write down the same output name for every activity.

**Project Activity Name**

Activity 2.2.2 Training of Trainers (ToT) on CRA and OFWM Practices.

Status	Implementation Progress
Activity not yet due	0 %

**Progress for the relevant reporting period**

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, key milestones reached, and lessons learned, including issues related to non-compliance with GCF standards or conditions, vis-à-vis expectations, if any. In parallel, include positive achievements and better-than-expected results.

**Key milestones and deliverables for the next reporting period**

Initiation of 8 Training of Trainers for Farmer Facilitators on CRA and OFWM practices to build the capacity of 96 graduate farmers of ongoing CBFS of year 1 as farmer facilitator (October 2021).  
 Training for 12 farmer facilitators, 192 WOS facilitators, 144 government extension workers, and 162 partner and private sector field staff completed by PY 2 (December 2021)

Please include a list of key milestones and deliverables expected to be executed in the next reporting period.

**Project Output Name**

2.3: Developing farmers' capacity to transform agriculture practices with CRA and OFWM

The output name should match with the output reported in the sub-section 2.4.3. If you have multiple activities to be reported against one output, you need to write down the same output name for every activity.

**Project Activity Name**

Activity 2.3.1 Train and support Farmer Beneficiaries to adopt CRA and OFWM through Climate and Business Field Schools (CBFS).

**Status**

Activity started - progress on track

**Implementation Progress**

9 %

**Progress for the relevant reporting period**

The project finalized the selection criteria of CBFS members for establishing the CBFS in project districts (please refer to Annex 5). The project organized 32 CBFS (17 schools on cotton-wheat cropping system, 15 on rice-wheat cropping system) in Punjab and Sindh during the Rabi 2020 cropping season. In Punjab, 20 CBFS were formed by registering 500 smallholder farmers. 85 learning plots/CBFS were also established for participatory learning and demonstration of different CRA practices. 85 hosting farmers have received agriculture inputs package for 1 acre of agriculture land comprising: i) 50 Kg bag of the wheat seed of registered varieties (Johar-2016, Ujala-2016, TT1 and Benzir-2013, Kiran 95 ), ii) Fertilizers (1 DAP, 2 Urea, 1 Potash), iii) 2 kg Canola seeds. In Sindh, 12 CBFS were formed by engaging 300 farmers (08 on cotton-wheat cropping system and 04 on rice-wheat cropping system) wherein 35 hosting farmers received agriculture inputs for establishing the demonstration/learning plots.

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, key milestones reached, and lessons learned, including issues related to non-compliance with GCF standards or conditions, vis-à-vis expectations, if any. In parallel, include positive achievements and better-than-expected results.

**Key milestones and deliverables for the next reporting period**

Letter of agreement with government line departments, including agriculture extension for the establishment of 144 demo plots for developing farmers' capacity to transform agriculture practices with CRA and OFWM Activity (August 2021)  
 Letter of agreement with FOs and NGOs and establishment of 152 demo plots for developing farmers' capacity to transform agriculture practices with CRA and OFWM Activity (August 2021)  
 Letter of agreement with private sector and establishment of 20 demo plots for developing farmers' capacity to transform agriculture practices with CRA and OFWM Activity (August 2021)  
 Establishment of project staff led 48 Climate Business Field Schools to train and support Farmer Beneficiaries to adopt CRA and OFWM (16 CBFS April 2021 and 32 in Nov 2021).

Please include a list of key milestones and deliverables expected to be executed in the next reporting period.

**Project Output Name**

2.3: Developing farmers' capacity to transform agriculture practices with CRA and OFWM

The output name should match with the output reported in the sub-section 2.4.3. If you have multiple activities to be reported against one output, you need to write down the same output name for every activity.

**Project Activity Name**

Activity 2.3.2 Train and support Women Farmer Beneficiaries to adopt CRA and OFWM through Women Open Schools (WOS).

**Status**

Activity started - progress on track

**Implementation Progress**

1.66 %

**Progress for the relevant reporting period**

The project developed the selection criteria for establishing the WOS and selection of women farmers (please refer to Annex 5). The project successfully set-up 16 WOS by selecting and registering 480 women farmers in project target districts of Punjab and Sindh. Ten WOS in Punjab, support 300 women farmers to improve their skills in homestead kitchen gardening. Each participant of the WOS received a quality seeds package constituting 10 different winter vegetables and technical training. In Sindh, 180 women were registered in 06 WOS, all women farmers received seeds package (10 different seeds of 820gm), fertilizer (DAP, SOP and Urea, 50 kg of each), and (Canola, 02kg of each bag) for setting-up small homestead kitchen gardens.

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, key milestones reached, and lessons learned, including issues related to non-compliance with GCF standards or conditions, vis-à-vis expectations, if any. In parallel, include positive achievements and better-than-expected results.

**Key milestones and deliverables for the next reporting period**

Letter of agreement with RSPs for the establishment of 192 Women Open Schools to train and support Women Farmer Beneficiaries to adopt CRA and OFWM (16 WOS in May 2021 and 176 WOS in Nov 2021)

Please include a list of key milestones and deliverables expected to be executed in the next reporting period.

**Project Output Name**

2.3: Developing farmers' capacity to transform agriculture practices with CRA and OFWM

The output name should match with the output reported in the sub-section 2.4.3. If you have multiple activities to be reported against one output, you need to write down the same output name for every activity.

**Project Activity Name**

Activity 2.3.3 Training of Farmer Beneficiaries on CRA and OFWM organized by partners on their demonstration plots.

**Status**

Activity not yet due

**Implementation Progress**

0 %

**Progress for the relevant reporting period**

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, key milestones reached, and lessons learned, including issues related to non-compliance with GCF standards or conditions, vis-à-vis expectations, if any. In parallel, include positive achievements and better-than-expected results.

**Key milestones and deliverables for the next reporting period**

Please include a list of key milestones and deliverables expected to be executed in the next reporting period.

**Project Output Name**

2.3: Developing farmers' capacity to transform agriculture practices with CRA and OFWM

The output name should match with the output reported in the sub-section 2.4.3. If you have multiple activities to be reported against one output, you need to write down the same output name for every activity.

**Project Activity Name**

Activity 2.3.4 Organize field days for additional farmers to visit CBFs, WOSs and demonstration plots to gain exposure to CRA and OFWM practices.

**Status**

Activity not yet due

**Implementation Progress**

0 %

**Progress for the relevant reporting period**

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, key milestones reached, and lessons learned, including issues related to non-compliance with GCF standards or conditions, vis-à-vis expectations, if any. In parallel, include positive achievements and better-than-expected results.

**Key milestones and deliverables for the next reporting period**

Organized 64 Field Days for additional farmers to visit CBFs, WOSs, and demonstration plots to gain exposure to CRA and OFWM practices (from March to December 2021).

Please include a list of key milestones and deliverables expected to be executed in the next reporting period.

**Project Output Name**

3.1: Improving information and awareness raising campaigns

The output name should match with the output reported in the sub-section 2.4.3. If you have multiple activities to be reported against one output, you need to write down the same output name for every activity.

**Project Activity Name**

Activity 3.1.1 Organize and launch a multimedia information and awareness raising campaign on climate change, CRA and OFWM.

**Status**

Activity not yet due

**Implementation Progress**

1	%
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**Progress for the relevant reporting period**

FAO initiated the development of a video to raise awareness on climate change, CRA, OFWM. The video is under finalization.

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, key milestones reached, and lessons learned, including issues related to non-compliance with GCF standards or conditions, vis-à-vis expectations, if any. In parallel, include positive achievements and better-than-expected results.

**Key milestones and deliverables for the next reporting period**

Provincial radio campaigns developed by the end of PY 2 (December 2021)

Please include a list of key milestones and deliverables expected to be executed in the next reporting period.

**Project Output Name**

3.2: Supporting policy implementation by federal and provincial governments

The output name should match with the output reported in the sub-section 2.4.3. If you have multiple activities to be reported against one output, you need to write down the same output name for every activity.

**Project Activity Name**

Activity 3.2.1 Increasing Collaboration between Institutions through Knowledge Sharing for Evidence-based Policymaking.

**Status**

Activity not yet due

**Implementation Progress**

13	%
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**Progress for the relevant reporting period**

The activity will take place as planned. The 13% progress relates to the preliminary expenses incurred for operations and staff cost ( for instance, knowledge communication officer).

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, key milestones reached, and lessons learned, including issues related to non-compliance with GCF standards or conditions, vis-à-vis expectations, if any. In parallel, include positive achievements and better-than-expected results.

**Key milestones and deliverables for the next reporting period**

Provincial coordination mechanisms ( Depts. of Agriculture & Irrigation) reconvened and strengthened by the end of PY 1 (December 2021)  
 Provincial staff trained on Comp.1 data by the end of PY 2 (December 2021)

Please include a list of key milestones and deliverables expected to be executed in the next reporting period.

**Project Output Name**

3.2: Supporting policy implementation by federal and provincial governments

The output name should match with the output reported in the sub-section 2.4.3. If you have multiple activities to be reported against one output, you need to write down the same output name for every activity.

**Project Activity Name**

Activity 3.2.2 Mainstreaming Climate Resilient Agriculture and Water Management across All Policy Areas.

**Status** Activity not yet due **Implementation Progress** 0 %

**Progress for the relevant reporting period**

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, key milestones reached, and lessons learned, including issues related to non-compliance with GCF standards or conditions, vis-à-vis expectations, if any. In parallel, include positive achievements and better-than-expected results.

**Key milestones and deliverables for the next reporting period**

First Annual Climate Policy Forum organized by the end of PY2 (December 2021)

Please include a list of key milestones and deliverables expected to be executed in the next reporting period.

**Project Output Name**

3.3: Developing services that enable farmers to adopt climate resilient practices

The output name should match with the output reported in the sub-section 2.4.3. If you have multiple activities to be reported against one output, you need to write down the same output name for every activity.

**Project Activity Name**

Activity 3.3.1 Develop a searchable online database (and associated application and map) of locally available financial and value chain services to support adoption and sustained use of CRA and OFWM practices.

**Status** Activity not yet due **Implementation Progress** 0 %

**Progress for the relevant reporting period**

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, key milestones reached, and lessons learned, including issues related to non-compliance with GCF standards or conditions, vis-à-vis expectations, if any. In parallel, include positive achievements and better-than-expected results.

**Key milestones and deliverables for the next reporting period**

Mapping of locally available financial and value chain services (December 2021)

Please include a list of key milestones and deliverables expected to be executed in the next reporting period.

**Project Output Name**

3.3: Developing services that enable farmers to adopt climate resilient practices

The output name should match with the output reported in the sub-section 2.4.3. If you have multiple activities to be reported against one output, you need to write down the same output name for every activity.

**Project Activity Name**

Activity 3.3.2 Support financial service providers to access and apply climate information and knowledge of CRA and OFWM to inform credit and insurance products.

**Status** Activity not yet due **Implementation Progress** 0 %

**Progress for the relevant reporting period**

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, key milestones reached, and lessons learned, including issues related to non-compliance with GCF standards or conditions, vis-à-vis expectations, if any. In parallel, include positive achievements and better-than-expected results.

**Key milestones and deliverables for the next reporting period**

National two-day workshop on improving financial services to enable CRA and OFWM first convened ( and reconvened every year thereafter) by the end of PY 2 (December 2021)

Please include a list of key milestones and deliverables expected to be executed in the next reporting period.

**Project Output Name**

3.3: Developing services that enable farmers to adopt climate resilient practices

The output name should match with the output reported in the sub-section 2.4.3. If you have multiple activities to be reported against one output, you need to write down the same output name for every activity.

**Project Activity Name**

Activity 3.3.3 Train and support local companies, young people and women to deliver services to farmers to facilitate adaptation to climate change.

**Status**

Activity not yet due

**Implementation Progress**

31	%
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**Progress for the relevant reporting period**

Activity will take place as planned. The progress of 31% primarily relates to the preliminary expenditures on staff costs, operations and running costs.

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, key milestones reached, and lessons learned, including issues related to non-compliance with GCF standards or conditions, vis-à-vis expectations, if any. In parallel, include positive achievements and better-than-expected results.

**Key milestones and deliverables for the next reporting period**

Awareness-raising discussion and trainings for inputs companies organized by the end of PY 2 (December 2021)  
 Four two-week trainings for youth agro-technicians and farm consultants organized by the end of PY 2 (December 2021)

Please include a list of key milestones and deliverables expected to be executed in the next reporting period.

**Project Output Name**

Project Management

The output name should match with the output reported in the sub-section 2.4.3. If you have multiple activities to be reported against one output, you need to write down the same output name for every activity.

**Project Activity Name**

Project Management

**Status**

Activity started - progress on track

**Implementation Progress**

26	%
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**Progress for the relevant reporting period**

FAO has established a project management unit (PMU) in Islamabad for project operational, technical, financial, administrative, and managerial oversight, effective management of funds, quality project monitoring, reporting, and overall coordination. The PMU is comprised of FAO's national and international technical experts (National NRM Advisor, International Senior Land and Water officer/Lead Technical Officer, International Operations Officers) and national officers (National Operations and Procurement Officers, Monitoring and Evaluation Officer, and a Programme Officer). During the reporting period, the PMU has accomplished the following:

- Setting-up of PPIUs and DPIUs in Sindh, Punjab, and eight project districts and hiring of international (Technical Advisor - P-4, Technical Officer Agriculture Production P-3, and Technical officer Water Management P-3) and national staff.
- For the Punjab PPIU established in Multan, most national staff (the Provincial Coordinator, Safeguard Specialist, M&E Specialist, FFS Specialist, Administration, and Finance Assistant, Agronomist) have joined. The recruitment of the International Technical Officer (Agriculture Production P-3) is in the process.
- For the Sindh PPIU, Provincial Coordinator, M&E Specialist, FFS Specialist, and Agronomist are already on-board. Recruitment of the Safeguard Specialist position is in process. Likewise, for the DPIUs, FFS Facilitators/Extension Workers' recruitment is about to complete; 16 FFS facilitators have already joined, while District Field Facilitators' hiring is in process. The recruitment of International Technical Officer (Water Management P-3) is in process. Likewise, for the 3 DPIUs, six (06) FFS facilitators/Extension Workers (5 male and one female) have also joined.
- The PMU staff revised the Year-1 Annual Work Plan and Budget (AWPB) and re-appropriated the budget based on the feedback of Secretary MoCC. The PMU organized bilateral meetings with all key government departments at the federal and provincial levels, which led to the approval of the Year-1 Work plan and budget by the POC members on November 30, 2020.
- The inception phase activities (1 national inception workshop, 2 provincial inception workshops, and multi-stakeholder consultation) were successfully concluded, and the report was submitted on December 3, 2020. Negotiations with the Sindh and Punjab provincial counterparts on PC-1 and co-financing are in process.
- Procurement of agriculture inputs for the CBFS/WOS/demonstration plots of Rabi season 2020-21 and timely delivered to the Sindh and Punjab PPIUs.
- Preparatory work for the project baseline methodology, monitoring system, processes, and tools for data collection and the finalization of the project's communication strategy is progressing well. FAO is periodically organizing virtual meetings with the GCF LORTA team to embed the LORTA methodology within the GCF interventions. A two-days design workshop is likely to take place in February 2021.
- The PMU has organized meetings with the Pakistan Agriculture Research Council and Pakistan Meteorological Department to discuss the terms of partnership, and further such meetings will take place during first quarter of 2021.

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, key milestones reached, and lessons learned, including issues related to non-compliance with GCF standards or conditions, vis-à-vis expectations, if any. In parallel, include positive achievements and better-than-expected results.

**Key milestones and deliverables for the next reporting period**

Please include a list of key milestones and deliverables expected to be executed in the next reporting period.

**2.4 Progress Update on the Logic Framework Indicators**

Values of Baseline, mid-term target and final targets should be the same from the approved funding proposals unless calculation methodologies were revised in agreements with the GCF. Please attach a supporting document(s) describing the calculation methodology of the current value of all the indicators in Section 6; the indicators cover core, impact, outcome, and output levels. If there is a change in the methodology, you need to include clear justifications for the change and changed values as compared to the previous year.

This sub-section 2.4 is not applicable for REDD+ Results-Based Payments Projects. Please write 'Not Applicable' as the response.

**2.4.1 Core Indicators**

**Select applicable core indicators**

- Mitigation Core Indicator 1 - Tonnes of carbon dioxide equivalent (tCO2eq) reduced as a result of GCF funded project/programme
- Mitigation Core Indicator 2 - Cost per tCO2eq decreased for GCF funded project/programme
- Mitigation Core Indicator 3 - Volume of finance leveraged by GCF funding (Disaggregated by public/private source)
- Adaptation Core Indicator 1 - Direct Beneficiaries of GCF funded project/programme
- Adaptation Core Indicator 2 - Indirect Beneficiaries of GCF funded project/programme
- Adaptation Core Indicator 3 - Number of total beneficiaries relative to total population

**Adaptation Core Indicator 1 - Direct Beneficiaries of GCF funded project/programme (Units: number of individuals and percentage %)**

Please provide ex-post 'Current Value' on a cumulative basis. Please note that the values should be based on total funding (GCF funding and co-financing).

<b>Baseline</b>	<b>Baseline (% of female)</b>
0	0 %
<b>Current Value</b>	<b>Current Value (% of female)</b>
7963	49 %
<b>Mid-term Target</b>	<b>Mid-term Target (% of female)</b>
400000	49 %
<b>Final Target</b>	<b>Final Target (% of female)</b>
1300000	49 %

**Remarks (including changes, if any)**

The beneficiary calculation is based on direct beneficiaries reached under activities 2.1.2, 2.2.1, 2.3.1, and 2.3.2. This first APR report covers the initial project implementation, wherein the main focus was the completion of inception phase activities, for instance, inception workshops, finalization and approval of the year-1 AWPB, the finalization and approval of PC-1, UTF signing, and release of funds. Consequently, no significant progress in other indicators is plausible.  
The baseline assessment will be completed in quarter-1 of 2021 to firm up baseline values for all indicators.

**Adaptation Core Indicator 2 - Indirect Beneficiaries of GCF funded project/programme (Units: number of individuals and percentage %)**

Please provide ex-post 'Current Value' on a cumulative basis. Please note that the values should be based on total funding (GCF funding and co-financing).

<b>Baseline</b>	<b>Baseline (% of female)</b>
0	0 %
<b>Current Value</b>	<b>Current Value (% of female)</b>
0	0 %
<b>Mid-term Target</b>	<b>Mid-term Target (% of female)</b>
0	0 %
<b>Final Target</b>	<b>Final Target (% of female)</b>
16000000	49 %

**Remarks (including changes, if any)**

The beneficiary calculation is based on direct beneficiaries reached under activities 2.1.2, 2.2.1, 2.3.1, and 2.3.2. This first APR report covers the initial project implementation, wherein the main focus was the completion of inception phase activities, for instance, inception workshops, finalization and approval of the year-1 AWPB, the finalization and approval of PC-1, UTF signing, and release of funds. Consequently, no significant progress in other indicators is plausible.  
The baseline assessment will be completed in quarter-1 of 2021 to firm up baseline values for all indicators.

**Adaptation Core Indicator 3 - Number of total beneficiaries relative to total population (Units: percentage %)**

Please provide ex-post 'Current Value' on a cumulative basis. Please note that the values should be based on total funding (GCF funding and co-financing).

**Share of direct beneficiaries relative to total population**

Baseline	Current Value	Mid-term Target	Final Target
0 %		3 %	8 %

**Share of female direct beneficiaries relative to total population**

Baseline (female)	Current Value (female)	Mid-term Target (female)	Final Target (female)
0 %	0 %	1.5 %	4 %

**Share of indirect beneficiaries relative to total population**

Baseline	Current Value	Mid-term Target	Final Target
0 %	0 %	0 %	100 %

**Share of female indirect beneficiaries relative to total population**

Baseline (female)	Current Value (female)	Mid-term Target (female)	Final Target (female)
0 %	0 %	0 %	49 %

**Remarks (including changes, if any)**

The beneficiary calculation is based on direct beneficiaries reached under activities 2.1.2, 2.2.1, 2.3.1, and 2.3.2. This first APR report covers the initial project implementation, wherein the main focus was the completion of inception phase activities, for instance, inception workshops, finalization and approval of the year-1 AWPB, the finalization and approval of PC-1, UTF signing, and release of funds. Consequently, no significant progress in other indicators is plausible.

The baseline assessment will be completed in quarter-1 of 2021 to firm up baseline values for all indicators.

**2.4.2 Impact Indicators**

**Select applicable impact indicators**

- M1.1 Tonnes of carbon dioxide equivalent (tCO2eq) reduced or avoided as a result of increased low-emission energy access and power generation
- M2.1 Tonnes of carbon dioxide equivalent (tCO2eq) reduced or avoided as a result of increased access to low-emission transport
- M3.1 Tonnes of carbon dioxide equivalent (tCO2eq) reduced or avoided as a result of buildings, cities, industries and appliances
- M4.1 Tonnes of carbon dioxide equivalent (tCO2eq) reduced or avoided as a result of sustainable management of forests and conservation and enhancement of forest carbon stocks
- A1.1 Change in expected losses of lives and economic assets due to the impact of extreme climate-related disasters in the geographic area of the GCF intervention
- A1.2 Number of males and females benefiting from the adoption of diversified, climate resilient livelihood options (including fisheries, agriculture, tourism, etc.)
- A1.3 Number of Fund funded projects/programmes that supports effective adaptation to fish stock migration and depletion due to climate change
- A2.1 Number of males and females benefiting from introduced health measures to respond to climate-sensitive diseases
- A2.2 Number of food secure households (in areas/periods at risk of climate change impacts)
- A2.3 Number of males and females with year round access to reliable and safe water supply despite climate shocks and stresses
- A3.1 Number and value of physical assets made more resilient to climate variability and change, considering human benefits (reported where applicable)
- A4.1 Coverage/scale of ecosystems protected and strengthened in response to climate variability and change
- A4.2 Value of ecosystem services generated or protected in response to climate change

**A1.2 Number of males and females benefiting from the adoption of diversified, climateresilient livelihood options (including fisheries, agriculture, tourism, etc.) (Units: number of individuals and percentage %)**

Please provide ex-post 'Current Value' on a cumulative basis.

Baseline	Baseline (% of female)
0	0 %
Current Value	Current Value (% of female)
0	0 %
Mid-term Target	Mid-term Target (% of female)
0	0 %
Final Target	Final Target (% of female)
1300000	51 %

**Remarks (including changes, if any)**

**A2.2 Number of food secure households (in areas/periods at risk of climate change impacts) (Unit: number of individuals/households, % percentage, select as many as applicable)**

Please provide ex-post 'Current Value' on a cumulative basis.

**Select applicable units**

- Persons
- Households

**Unit - Households**

Please provide ex-post 'Current Value' on a cumulative basis.

<b>Baseline</b>	<b>Baseline (% of female-headed households)</b>
<input type="text"/>	<input type="text"/> %
<b>Current Value</b>	<b>Current Value (% of female-headed households)</b>
<input type="text"/>	<input type="text"/> %
<b>Mid-term Target</b>	<b>Mid-term Target (% of female-headed households)</b>
<input type="text"/>	<input type="text"/> %
<b>Final Target</b>	<b>Final Target (% of female-headed households)</b>
200000	<input type="text"/> %

**Remarks (including changes, if any)**

**2.4.3 Project/Programme-level Outcome & Output Indicators**

Please provide ex-post 'Current Value' on a cumulative basis. If you have multiple outputs to be reported against one outcome, you need to write down the same outcome name for every output. Likewise, if you have multiple indicators to be reported against one output, you need to write down the same output name and corresponding outcome name for every indicator.

Use 'Add row' button to add multiple outcomes, outputs and/or indicators.

<b>Results Area Type</b>	<b>Outcome Name</b>		
Adaptation	5.0 Strengthened institutional and regulatory systems for climate-responsive planning and development		
<b>Output Name (under the afore-mentioned outcome)</b>			
<small>Please write 'Not Applicable' if the below-mentioned indicator is to be reported directly at the outcome level.</small>			
<b>Indicator Name</b>			
Number and level of effective coordination mechanisms			
<b>Unit</b>			
(5.2) Mechanism to facilitate coordination between federal and provincial authorities: level			
<b>Baseline</b>	<b>Current Value</b>	<b>Mid-term Target</b>	<b>Final Target</b>
1		2	4
<b>Remarks (including changes, if any)</b>			
<p>The beneficiary calculation is based on direct beneficiaries reached under activities 2.1.2, 2.2.1, 2.3.1, and 2.3.2. This first APR report covers the initial project implementation, wherein the main focus was the completion of inception phase activities, for instance, inception workshops, finalization and approval of the year-1 AWPB, the finalization and approval of PC-1, UTF signing, and release of funds. Consequently, no significant progress in other indicators is plausible.</p> <p>The baseline assessment will be completed in quarter-1 of 2021 to firm up baseline values for all indicators. Concerning the effective coordination mechanisms, POC at the federal level and PPTC at the Punjab province levels have already been established. Coordination between departments has also been established as a result of the national and provincial inception workshops, the area finalization workshops as well as the POC meetings</p>			

<b>Results Area Type</b>	<b>Outcome Name</b>		
Adaptation	5.0 Strengthened institutional and regulatory systems for climate-responsive planning and development		
<b>Output Name (under the afore-mentioned outcome)</b>			
<small>Please write 'Not Applicable' if the below-mentioned indicator is to be reported directly at the outcome level.</small>			
<b>Indicator Name</b>			
(5.2) Number and level of effective coordination mechanisms			
<b>Unit</b>			
Mechanism to facilitate coordination between Dept. of Agriculture and Irrigation in Punjab: Level			
<b>Baseline</b>	<b>Current Value</b>	<b>Mid-term Target</b>	<b>Final Target</b>
1		2	4
<b>Remarks (including changes, if any)</b>			
<p>The beneficiary calculation is based on direct beneficiaries reached under activities 2.1.2, 2.2.1, 2.3.1, and 2.3.2. This first APR report covers the initial project implementation, wherein the main focus was the completion of inception phase activities, for instance, inception workshops, finalization and approval of the year-1 AWPB, the finalization and approval of PC-1, UTF signing, and release of funds. Consequently, no significant progress in other indicators is plausible.</p> <p>The baseline assessment will be completed in quarter-1 of 2021 to firm up baseline values for all indicators. Concerning the effective coordination mechanisms, POC at the federal level and PPTC at the Punjab province levels have already been established. Coordination between departments has also been established as a result of the national and provincial inception workshops, the area finalization workshops as well as the POC meetings</p>			

<b>Results Area Type</b>	<b>Outcome Name</b>
Adaptation	5.0 Strengthened institutional and regulatory systems for climate-responsive planning and development

**Output Name (under the afore-mentioned outcome)**

Please write 'Not Applicable' if the below-mentioned indicator is to be reported directly at the outcome level.

**Indicator Name**

(5.2) Number and level of effective coordination mechanisms

**Unit**

Mechanism to facilitate coordination between Dept. of Agriculture and Irrigation in Sindh: Level

Baseline	Current Value	Mid-term Target	Final Target
1		2	4

**Remarks (including changes, if any)**

the beneficiary calculation is based on direct beneficiaries reached under activities 2.1.2, 2.2.1, 2.3.1, and 2.3.2. This first APR report covers the initial project implementation, wherein the main focus was the completion of inception phase activities, for instance, inception workshops, finalization and approval of the year-1 AWPB, the finalization and approval of PC-1, UTF signing, and release of funds. Consequently, no significant progress in other indicators is plausible.

The baseline assessment will be completed in quarter-1 of 2021 to firm up baseline values for all indicators. Concerning the effective coordination mechanisms, POC at the federal level and PPTC at the Punjab province levels have already been established. Coordination between departments has also been established as a result of the national and provincial inception workshops, the area finalization workshops as well as the POC meetings

<b>Results Area Type</b>	<b>Outcome Name</b>
Adaptation	6.0 Increased generation and use of climate information in decision decision making

**Output Name (under the afore-mentioned outcome)**

Please write 'Not Applicable' if the below-mentioned indicator is to be reported directly at the outcome level.

**Indicator Name**

(6.2) Use of climate information products/services in decision-making in climate-sensitive sectors

**Unit**

reliability of water distribution (measured by average soil moisture balance)

Baseline	Current Value	Mid-term Target	Final Target

**Remarks (including changes, if any)**

Mid-term target: Reliability of water distribution improved by 5% relative to baseline (i.e. Reduced average fluctuations in soil moisture over time of 5%) within the selected canal command area of the selected canal

Final Target: Reliability of water distribution improved by 10% relative to baseline (i.e. Reduced average fluctuations in soil moisture over time of 10%) within the selected canal command area of the selected canal

<b>Results Area Type</b>	<b>Outcome Name</b>
Adaptation	7.0 Strengthened Adaptive Capacity and reduced exposure to climate threats

**Output Name (under the afore-mentioned outcome)**

Please write 'Not Applicable' if the below-mentioned indicator is to be reported directly at the outcome level.

**Indicator Name**

(7.2) Total geographic coverage of climate-related early warning systems and other risk reduction measures established/strengthened

**Unit**

ha

Baseline	Current Value	Mid-term Target	Final Target
1200000		500000	500000

**Remarks (including changes, if any)**

the beneficiary calculation is based on direct beneficiaries reached under activities 2.1.2, 2.2.1, 2.3.1, and 2.3.2. This first APR report covers the initial project implementation, wherein the main focus was the completion of inception phase activities, for instance, inception workshops, finalization and approval of the year-1 AWPB, the finalization and approval of PC-1, UTF signing, and release of funds. Consequently, no significant progress in other indicators is plausible.

The baseline assessment will be completed in quarter-1 of 2021 to firm up baseline values for all indicators. Concerning the effective coordination mechanisms, POC at the federal level and PPTC at the Punjab province levels have already been established. Coordination between departments has also been established as a result of the national and provincial inception workshops, the area finalization workshops as well as the POC meetings

**Results Area Type**  
Adaptation

**Outcome Name**  
8.0 Strengthened awareness of climate change threats and risk reduction processes

**Output Name (under the afore-mentioned outcome)**

Please write 'Not Applicable' if the below-mentioned indicator is to be reported directly at the outcome level.

**Indicator Name**  
(8.1) Number of males and females made aware of climate threats and related appropriate response

**Unit**

Baseline	Current Value	Mid-term Target	Final Target
0		0	10000000

**Remarks (including changes, if any)**

Mid-term Target:  
Male:0  
Female:0  
Total: 0 residents in targeted districts

Final Target:  
Male: 5.1 million  
Female: 4.9 million  
Total: 10 million residents in target districts

2.5 Report on changes during implementation (include actual and expected changes)

The project implementation has commenced in accordance with the approved Year-1 AWPB and the decision of the Project Oversight Committee (POC). Certain activities (for instance, inception workshops) during the inception phase were affected due to the COVID-19 pandemic; nevertheless, FAO successfully concluded the inception phase activities by using the information technology and virtual settings. Upon the recommendation of the POC and based on project needs, a budget reallocation has been done in line with the FAA article 6.01 (Permitted Reallocation) and communicated in December 2020 with the submission of the Inception Report. The budget revision is within the scope of the project outputs and associated activities, without any effect on the overall project objectives and impact. Moreover, the farmer-focussed interventions (establishing CBFS, WOS, demonstration plots, agriculture inputs distribution) under component 2 were initiated during the inception phase targeting the Rabi 2020-21 cropping season. These interventions required rapid recruitment of a considerable high number of field staff. The field staff recruitment was initiated on an urgent basis. Where feasible, the alternate recruitment strategy was adopted by selecting the qualified field staff fulfilling the selection criteria from FAO's recently concluded projects to the GCF project. As stated in Section 2.1 of this APR, the COVID-19 situation remains volatile, and it is likely to affect the implementation of PY 2 (i.e., January-December 2021) interventions of the project.

Describe changes to the project during the reporting period. In particular, the report should cover elements such as change of beneficial ownership structure, management changes of the Accredited Entity, policies and other elements relevant for the project, and any other material change that could influence the overall outcome of the project.

2.6 Implementation challenges and lessons learned

**Challenge encountered**

The COVID-19 lockdown restrictions hampered the delivery of activities in 2020, including the inception phase. Currently, the COVID-19 situation remains unpredictable. The project teams at all levels have to continuously monitor the situation and devise robust and flexible implementation strategies in this context.

Describe the challenge faced during the last twelve (12) months of implementation 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 final targets.

<b>Challenge type</b>	<b>Impact on the project implementation</b>
Operational	Moderate

**Measures adopted**

FAO resorted to using virtual settings, particularly for the stakeholder consultations, the national and provincial workshops at the federal and provincial levels, and the staff training on CBFS/WOS/demonstration plots methodology and tools. The FAO field staff adheres to strict SOPs for implementing field-level activities (CBFS, WOS, demonstration plots) and ensures adherence by the project beneficiaries.

**Lesson learned and other remarks**

FAO's strategy of organizing separate provincial and national workshops proved successful as it provided the opportunity to acquire diverse perspectives from the provincial and national stakeholders simultaneously. The virtual workshops resulting from the COVID-19 context were also cost-effective while enabling more extensive participation, particularly at the provincial level.

**Challenge encountered**

The lengthy administrative procedures of Sindh and Punjab's governments have delayed the UTF signing and the release of timely co-financing commitments to FAO. Likewise, acquiring PC-1 approval from different departments at the provincial level has also been challenging, partly because of the inter-departmental coordination gap.

Describe the challenge faced during the last twelve (12) months of implementation 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 final targets.

<b>Challenge type</b>	<b>Impact on the project implementation</b>
Financial	High

**Measures adopted**

Two POC meetings were held to discuss the PC-1 and UTF approval status, and attended by all provincial and federal government departments. FAO and the MoCC are rigorously following up with the provincial government counterparts in Sindh and Punjab to expedite the PC-1 approval, the UTF signing, and the release of funds.

**Lesson learned and other remarks**

The innovative project nature and its engagement of a diverse number of stakeholders at the federal and provincial levels require flexibility to adjust to the changing situation. The establishment of the POC at the national level, followed by its two meetings, has been instrumental in bringing all provincial government entities to one platform to discuss the progress made against the PC-1 and co-financing. The POC meetings have also contributed towards improving the inter-departmental coordination gap. The inter-departmental coordination will further improve once the requisite governance set-up at the provincial level is in place and meeting periodically.

**Confirmation and Acknowledgement of Information \***

\* This is a required question to submit section 2 of the Annual Performance Report (APR).

The accredited entity hereby confirms that the information provided in section 2 is complete and ready for submission.

## Section 3: Financial Information

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### Section 3: Financial Information

Please note that this is section 3 of the six Annual Performance Report (APR) sections. APR will be considered valid only after all the six sections and the additional section on COVID-19 are filled with relevant details.

3.1 Approved Budget for entire project period as per FAA

Currency

USD

*(Information is locked for editing)*

**GCF Funding (Equity)**

**GCF Funding (Grants)**

34 990 832

*(Information is locked for editing)*

**GCF Funding (Guarantees)**

**GCF Funding (In-kind)**

**GCF Funding (Loans)**

**GCF Funding (Results-Based Payment)**

**3.1.1 Total GCF Funding**

34 990 832

*(Information is locked for editing)*

Please confirm if the afore-mentioned values are different as per your knowledge.

No differences to be reported.

## 3.2 Co-financing

## Currency

USD

*(Information is locked for editing)*

## Co-financing (Equity)

## Co-financing (Grants)

12 699 931

*(Information is locked for editing)*

## Co-financing (Guarantees)

## Co-financing (In-kind)

## Co-financing (Loans)

## Co-financing (Results-Based Payment)

## 3.2.1 Total Co-financing

12 699 931

*(Information is locked for editing)***Please confirm the afore-mentioned values are different as per your knowledge.**

No differences to be reported.

3.3 Disbursements Details (Cumulative to this reporting period)

3.3.1 Total GCF Disbursement

*(Information is locked for editing)*

Currency

*(Information is locked for editing)*

GCF Equity Disbursement

GCF Grants Disbursement

*(Information is locked for editing)*

GCF Guarantees Disbursement

GCF In-kind Disbursement

GCF Loans Disbursement

GCF Results-Based Payment Disbursement

Please confirm the afore-mentioned values are different as per your knowledge.

3.3.2 Co-Financing Disbursement

Provide the cumulative amount of disbursements from the start of implementation to the end of this reporting period. Indicate '0' if no amount is disbursed yet.

Choose currency

3.3.3 Total Project Disbursement

Provide the cumulative amount of disbursements from the start of implementation to the end of this reporting period. Indicate '0' if no amount is disbursed yet.

Choose currency

Please provide comments on sub-section 3.3, if any.

## 3.4 Expenditure details (Cumulative to this reporting period)

Choose currency

Please select

**GCF Equity Expenditures**


Provide the cumulative amount of expenditures from the start of implementation to the end of this reporting period. Indicate '0' if no amount is disbursed yet.

**GCF Grants Expenditures**

754 560

Provide the cumulative amount of expenditures from the start of implementation to the end of this reporting period. Indicate '0' if no amount is disbursed yet.

**GCF Guarantees Expenditures**


Provide the cumulative amount of expenditures from the start of implementation to the end of this reporting period. Indicate '0' if no amount is disbursed yet.

**GCF Loans Expenditures**


Provide the cumulative amount of expenditures from the start of implementation to the end of this reporting period. Indicate '0' if no amount is disbursed yet.

**3.4.1 GCF Expenditures**

754 560

Provide the cumulative amount of expenditures from the start of implementation to the end of this reporting period. Indicate '0' if no amount is disbursed yet.

**3.4.2 Co-financing Expenditures**

0

Provide the cumulative amount of expenditures from the start of implementation to the end of this reporting period. Indicate '0' if no amount is disbursed yet.

**3.4.3 Total Project Expenditures**

754

**Please provide comments on sub-section 3.4, if any.**

Figures are provisional

## 3.5 Investment &amp; Other Income (Cumulative to this reporting period)

**Reporting Level for investment**

Please select the second option 'Accredited Entity Portfolio Level' only if AEs have more than one project where all GCF funds are held in a consolidated GCF Special Account.

 Project Level Accredited Entity Portfolio Level

Choose currency

USD

**Project Level Investment & Other Income**

30 575.5

**Please provide comments on sub-section 3.5, if any.**

Investment Income (Bank Interest) as of CY 2020

## 3.6 Report on AE fees (Cumulative to this reporting period)

**Reporting Level for AE fees**

Please select the second option 'Accredited Entity Portfolio Level' only if AEs have more than one project where all GCF funds are held in a consolidated GCF Special Account.

 Project Level Accredited Entity Portfolio Level

Choose currency

USD

**Project Level AE Fees**

Please provide comments on sub-section 3.6, if any.

**3.7 Annual Financial Performance Report**

**Please download the Financial Performance Report Template in Excel.**

[Financial Performance Report Template](#)

This sub-section 3.7 is not applicable for REDD+ Results-Based Payments Projects. Please provide a separate 'Financial Progress Details' in Section 6.

**Please attach the Annual Financial Performance Report here.**

**Please provide comments on the attachment.**

**Confirmation and Acknowledgement of Information \***

\* This is a required question to submit section 3 of the Annual Performance Report (APR).

The accredited entity hereby confirms that the information provided in section 3 is complete and ready for submission.

## Section 4: Environmental and Social Safeguards & Gender

### Section 4: Environmental and Social Safeguards & Gender

Please note that this is section 4 of the six Annual Performance Report (APR) sections. APR will be considered valid only after all the six sections and the additional section on COVID-19 are filled with relevant details.

#### 4.1 Implementation of environmental and social safeguards and gender elements

Please provide information on the project or programme on the following: (1) key risks and impacts as identified; (ii) compliance with applicable laws and regulations including FAA conditions and covenants; and (3) progress in the implementation of environmental and social management plans and programs including monitoring activities undertaken during the implementation of the funded activity.

##### 4.1.1 The information includes description on any changes in the key environmental and social risks and impacts as identified and arising from the implementation including any unanticipated risks and impacts (ex. from changes in laws and regulations) and, based on these if any change in the project’s environmental and social risk category. In case of a change in the E&S risk category for the project, please provide an explanation.

During this period, the recruitment of Environmental and Social Safeguarding Specialist (based in Multan, Punjab) was completed while the recruitment of the same position for Sindh is in process. The Environmental and Social Safeguard Specialist (Punjab) has developed a detailed work plan based on the project Environmental and Social Safeguarding Framework (ESMF), support required at different levels, and submitted it to the PMU in Islamabad for review, feedback and approval. FAO will implement the ESMF plan in 2021 in compliance with the FAA conditions and applicable laws. Given the significance of stakeholders’ engagement in the ESMF, FAO included a discussion with stakeholders in all inception workshops/consultations on the contextual risks and required environmental and social safeguarding considerations in the project areas. These consultations improved awareness of the project ESMF and provided an opportunity to discuss measures to address contextual risks, including the emerging risks of COVID-19 and locust infestation and or those related to limited capacity for compliance with social and environmental safeguard standards in project districts. Likewise, similar discussions took place at the two consultative workshops to finalize the geographical areas (UCs), with representatives of the Agriculture Extension, On-farm Water Management, and Irrigation departments.

FAO is fully committed to adhering to Clause 10.02 of the FAA by putting in place adequate measures for managing any untoward environmental and social risks, following the requirements and procedures outlined in the ESMF of the project. It is pertinent to note that the technical specifications of agriculture inputs (seeds, fertilizers, etc.) were prepared and technically cleared by the Lead Technical Officer based on FAO’s established quality standards, wherein only the registered and certified seed-varieties were procured and distributed to the beneficiary farmers. By distributing registered seed varieties during the Rabi 2020 cropping season, the organization has fully complied with the National Laws ( Punjab Seed (Amendment Act 2017 (proposed); Punjab Seeds & Fruit Plants Ordinance, 1965; and the Seed Act 1976 ( and the subsequent Environmental Samples Rules, 2001]

Progress made in implementating environmental and social management plans (ESMPs) and frameworks (ESMFs) : FAO has fully complied with the ESMF – and the activities proposed under Annex 10 of the Timeline of ESMF, particularly the following:

##### 4.1.2 The information should include status of compliance with applicable laws and regulations of the country as well as the relevant conditions or covenants under the FAA. This can be captured in the table below:

##### Status of compliance with applicable laws and regulations and the conditions and covenants specifically addressing ESS & Gender under FAA

<p><b>Compliance Type</b></p> <input type="text" value="Please select"/>
<p><b>Compliance Title &amp; Description</b></p> <input type="text"/>
<p><b>Status of compliance</b></p> <input type="text"/>

##### 4.1.3 Provide a report on the progress made in implementing environmental and social management plans (ESMPs) and frameworks (ESMFs) describing achievements, and specifying details outlined in the tables below.

### Implementation of ESMPs and ESMFs

#### Activities implemented during the reporting period, including monitoring

As prescribed in the ESMF, procurement of certified and registered seeds following the Safeguard Policy ESS3 – Plant Genetic Resources for Food and Agriculture

#### Outputs during the reporting period

FAO has completed the procurement and distribution of registered and certified varieties of seeds in the Rabi 2020 cropping season. All the seeds and fertilizers were procured by following the FAO's standard procedures, rules, and safety guidelines, including the quality testing of seeds and monitoring at various stages by the procurement unit and field teams.

#### Key environmental, social and gender issues, risks and impacts addressed during implementation

Biosecurity risks avoided by distributing the registered and certified seed varieties combined with lab testing for quality assurance

#### Any pending key environmental, social and gender issues needing accredited entity's actions and GCF attention

No pending issues.

#### Activities implemented during the reporting period, including monitoring

Inclusion of the vulnerable women and women from ethnic minorities to the WOS to enable them to improve their household food system, production, and livelihood for food security and resilience in line with ESS8 Gender Equality and ESS9 Indigenous people and Cultural Heritage

#### Outputs during the reporting period

The project targeted the vulnerable communities (Christian and Hindu) in the targeted districts and ensured their access to project benefits.

#### Key environmental, social and gender issues, risks and impacts addressed during implementation

The project has attempted to ensure equal access of women and minorities and their participation in project activities. Additionally, the issue of illiteracy and limited comprehension of the vulnerable groups was managed using the FAO's innovative Jam4Color tool during the WOS/CBFS sessions

#### Any pending key environmental, social and gender issues needing accredited entity's actions and GCF attention

No pending issues.

#### 4.1.4 Provide information on how the GCF Independent Redress Mechanism, as well as the AE's GRM (e.g. contact details, accessibility, and basic procedures of such mechanisms), is brought to the attention of executing entities, people, and beneficiaries in the project target area and the public in accordance with the relevant ESMS/ESIA.

Initial discussions with M&E and Communication team were held to develop the grievance redressal mechanism (GRM) of the project in target districts to ensure accountability at all levels and smooth implementation of activities. FAO plans to develop awareness material about the GRM mechanism, including a project level working paper specifying procedure and mechanism

#### 4.1.5 Include a description of the actions undertaken towards increasing the relevant stakeholders' engagement in the project environmental, social and gender elements.

The information in this subsection should be provided for all projects regardless of the E&S risk category for the project.

**Implementation of the stakeholder engagement plan**

**Activities implemented during the reporting period**

Stakeholder Consultation workshops in Hyderabad (Sindh) and Multan (Punjab)

**Dates and venues of engagement activities**

October 26, 2020 (Sindh),  
October 28, 2020, (Punjab)

**Information shared with stakeholders**

Orientation about the project objectives, deliverables, social, environmental and gender safeguarding.  
Findings and process of the GIS-based analysis and ranking of districts, Selection of Union Councils (criteria and indicators)  
Endorsement of targeted Union Councils (high ranked) from each district (10/district)  
Prioritization of Union Council for Rabi 2020 season

**Outputs including issues addressed during the reporting period**

The main outcome was the list of 10 prioritized/endorsed for each project district. The other outcome was the initiation and development of coordination with the Department of Agriculture Extension, Department of On-farm Water Management, and Department of Irrigation of all targeted districts, including their timely orientation on the project before kick start of field activities.

**4.1.6 Implementation of the grievance redress mechanism - list on the grievances received in the reporting period with the description of the grievance, the date the grievance was received, and the resolution of the grievance.**

**Description of issues/complaints received during the reporting period**

nothing to report

**Date of receipt**

**Description of resolution**

**Status of addressing issues/complaints**

**4.2 Gender Action Plan**

The project focuses on the inclusion of women at all levels and across activities implemented. More specifically:

- Recruitment of female staff: the following female staff were recruited: i) Environmental and Social Safeguarding Specialist based in Multan (Punjab), ii) 04 female FSS Facilitators/Extension workers in Punjab and 01 in Sindh while recruitment of 05 FFS Facilitators/Extension Workers in process for Sindh, ii) Admin and Finance Assistant (01) based in Sindh,
- Women focussed Interventions: 16 WOS targeting 480 women farmers were established (06 WOS for 180 women in Sindh, 10 WOS for 300 women in Punjab), provided technical training in homestead gardening for winter vegetables including canola, combined with support for establishing homestead gardens. The National FFS facilitator revised the AESA sheet to give due consideration to both women and men farmers, especially women's education level and understanding.
- Participation of women in inception workshops: FAO also ensured women's perspective by inviting women representatives from the government implementing entities and all stakeholders.

Workshop Name Male (%) Female (%)  
 Multi-Stakeholders Workshop Report 73 27  
 National Inception Workshop 76 24  
 Punjab Provincial Inception Workshop 64 36  
 Sindh Provincial Inception Workshop 61 38

Provide a progress report on the gender action plan developed during project preparation stage for the reporting period. This will primarily be a report on activities undertaken and results achieved as a result of completion of an activity. Further it should also indicate if the project is on track to achieving the intended outcome(s). The reporting should be done for activities, targets and indicators already set in the action plan including on vulnerable groups (youth, poor, female heads of households, etc.) as would have been identified in the gender analysis and action plan. If activities or targets are not achieved as per plan, reasons should be provided, and recourse action should be proposed. Please include a reporting on any changes or deviations. Include a Report on implementation challenges and lessons learnt and how these will inform on-going actions and what action will be taken by when to address the challenges faced. Incorporate both quantitative data and qualitative report of the performance of such actions, and on progress on actions identified.

**4.2.1 Progress on implementing the project-level gender action plan submitted with the funding proposal**

<b>Activity / Action</b>	
Activity 2.3.2: Train and support Women Farmer Beneficiaries to adopt CRA and OFWM through Women Open Schools (WOS).	
<b>Indicator</b>	
Farmer Facilitator led Women Open Schools established and operated	
<b>Baseline</b>	<b>Target, including sex-disaggregation</b>
0	480 women ( 180 Sindh, 300 Punjab)
<b>Budget</b>	<b>Currency</b>
	Please select
<b>Report on annual progress</b>	
16 WOS established (06 WOS for 180 women in Sindh, 10 WOS for 300 women in Punjab), resulting in women beneficiaries setting- up their small homestead kitchen gardens.	

**4.3 Planned activities on environmental and social safeguards for the next reporting period**

The planned activities with regards to the environmental and social safeguards, in line with the ESMF of the project are presented in Attachment 2 (Section 6).

Provide a list of activities in the ESMP to be implemented in the next reporting period. Include relevant deliverables such as reports or action plans, and other project specific products. Please include the monitoring schedule concerning ESS (including other potential vulnerable groups and indigenous people) for the next annual reporting period.

**4.4 Planned activities on gender elements for the next reporting period**

The recruitment of Gender and Nutrition Specialists will take place to support the PPIUs in Sindh and Punjab with regards to the implementation of the planned activities as outlined in the Gender Action Plan - see Attachment 3 (Section 6).

Provide a list of activities in the gender action plan to be implemented in the next reporting period. Include relevant deliverables such as reports or action plans, and other project specific products including processes that will be involved to implement the activities effectively. Please include the monitoring schedule concerning gender activities for the next annual reporting period. Report on actions taken on any of the recommendations made by the secretariat (if applicable) to improve the level of integration of gender issues in the project.

**Confirmation and Acknowledgement of Information \***

\* This is a required question to submit section 4 of the Annual Performance Report (APR).

The accredited entity hereby confirms that the information provided in section 4 is complete and ready for submission.

## Section 5: Annexes

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### Section 5: Annexes

Please note that this is section 5 of the six Annual Performance Report (APR) sections. APR will be considered valid only after all the six sections and the additional section on COVID-19 are filled with relevant details.

#### Annex 1: Updated implementation timetable for the Funded Activity

[APRCY2020 - GCP PAK 146 GCF - Annex 1 - Implementation timetable.docx](#)

Submit only if there are any changes from implementation plan submitted in the FAA.

#### Annex 2: Accredited Entity compliance reports

Self-assessment reports, Report on Actions pursuant to Clause 18.02, if applicable. Self-assessment reports: In accordance with the AMA requirement in Clause 13.01 of the Accreditation Master Agreement, with the Fiduciary Principles and Standards, ESS and Gender Policy. Report on Actions pursuant to Clause 18.02: Only applicable to International Accredited Entities. In accordance with the Monitoring and Accountability Framework, a report on its actions carried out or planned to be carried out pursuant to Clause 18.02 of the Accreditation Master Agreement.

**Please provide comments on the annexes attached above if any.**

#### Confirmation and Acknowledgement of Information \*

\* This is a required question to submit section 5 of the Annual Performance Report (APR).

The accredited entity hereby confirms that the information provided in section 5 is complete and ready for submission.

## Section 6: Attachments

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### Section 6: Attachments

Please note that this is section 6 of the six Annual Performance Report (APR) sections. APR will be considered valid only after all the six sections and the additional section on COVID-19 are filled with relevant details.

Click on '+ Add row' to attach more than one document.

[APRCY2020 - GCP PAK 146 GCF - Attachment 1 section 2.4.docx](#)

[APRCY2020 - GCP PAK 146 GCF - Attachment 2 section 4.3.docx](#)

[APRCY2020 - GCP PAK 146 GCF - Attachment 3 - Section 4.4.docx](#)

[APRCY2020 - GCP PAK 146 GCF - from Annex 2 to 6.docx](#)

Submit the Unaudited/Audited financial statement and Interim/Final evaluation report (as required by FAA). Submit a supporting document for Section 2.4. (Update Progress on the Logic Framework Indicators), describing the calculation methodology for the current values provided.

This sub-section 2.4 is not applicable for REDD+ Results-Based Payments Projects.

Other Attachments (if any). Such as additional budget-related information, loan repayment schedules to GCF (interest/principal), equity investment schedules, other related reports relevant to the Funded Activity, statements of capital account, valuation reports, credit guarantee agreements, investor reports, and others, as specified in the relevant legal agreements (e.g. Funded Activity Agreement, Shareholders Agreement)

For the Annual Performance Report of REDD+ Results-Based Payments projects, provide 'Implementation Timetable/Milestones for the next reporting period' and 'Financial Progress Details' as an attachment in this section.

Comments from AE (if any)

#### Confirmation and Acknowledgement of Information \*

\* This is a required question to submit section 6 of the Annual Performance Report (APR).

The accredited entity hereby confirms that the information provided in section 6 is complete and ready for submission.

## Additional Section: COVID-19 Impact

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### Additional Section: COVID-19 Impact

In this additional section of the Annual Performance Report (APR), please provide an update of COVID-19 impact on your project/programme. APR will be considered valid only after all the six sections and the additional section on COVID-19 are filled with relevant details.

**Please indicate if your project/programme is adversely impacted by the COVID-19 pandemic.**

Yes

**Please choose the severity of overall impact.**

Facing delays

Description of levels of severity:

1. On-track with no or minor impact: No or minor impact on project implementation and corresponding annual activities.
2. Facing delays: Implementation progress faced delays in the timeline but did not require any substantial changes in the implementation plan.
3. A minor change(s) required: Changes that are not classified as Major changes but requires intervention from GCF.
4. A major change(s) required: As per paragraph 16 of the Policy on Restructuring and Cancellation - Board Decision B.22/14 paragraph (a). Please find the link to the policy document below.

[GCF Policy on Restructuring and Cancellation](#)

**Please describe an overall impact on your project/programme by the COVID-19 pandemic (100-word limit).**

As reported the main impact of COVID-19 pandemic is the delay in project start-up.

Provide a short description of the adverse impact on your project/programme and provide references or supporting materials in the Annexes and Attachments sections as relevant.

Please describe details of challenges encountered and corrective/mitigation measures taken.

Select a type of the challenges encountered.

Field Activities

Describe details of the challenge encountered.

The second wave of COVID-19 has affected the pace of field implementation. The field offices are operational with skeleton staff only and the same working modalities have been adapted by the Government and other stakeholders' offices .  
 Field visits by the sectoral specialists and M&E team have been restricted due to COVID-19 related Standard Operating Procedures (SOPs). Only critical missions are allowed. And FAO has banned air travel within Pakistan  
 The level of interaction with farmers for the delivery of CRA interventions has been reduced to the minimum possible.  
 The adoption of technological alternatives in the government stakeholders have been slow.  
 Training of trainers without physical interaction (web based) has resulted in limited level of understanding on part of trainees.

Sample challenges for Field Activities:

- Delays in travels, planned training, workshops, conferences, events, and awareness-raising events
- Limited access to project sites especially outer islands
- Postponed field missions for collecting/validating information, and conducting consultations with local stakeholders
- Measures required to ensure the security and safety of workers
- Delays in pilot projects, feasibility/baseline studies

Describe details of the corrective/mitigation measures taken as much as you can.

The SOPs for COVID-19 implementation in the field remains in practice. GCF Pakistan team has developed guidelines for running FFS in field settings available at <http://www.fao.org/farmer-field-schools/ffs-overview/covid-19-and-ffs/en/>.

Select a type of the challenges encountered.

Supply Chain

Describe details of the challenge encountered.

Market availability of inputs and equipment are somewhat affected with slowed process because of COVID-19 related working modalities.

Sample challenges for Supply Chain:

- Delays in procurement and importation of materials, and equipment due to halt in production or lack of raw material and supplies
- Logistic challenges leading to loss of business opportunities
- Need for extensions of tender submission dates

Describe details of the corrective/mitigation measures taken as much as you can.

FAO Pakistan team following up closely with the Government and vendors/suppliers

Select a type of the challenges encountered.

Financing and Concessionality

Describe details of the challenge encountered.

The Co-financing Agreement with Punjab and Sindh Provincial Governments have not been signed yet. The reduced operational capacity of Government offices due to COVID concurred to slowing the internal process for the finalization of the Agreement. Local market is affected, businesses and related financial markets are also slowed down due to second wave of COVID-19.

**Sample challenges for Financing and Concessionality:**

- Possible amendments to co-financing availability, financing for project management costs, and disbursement schedules
- Contractors facing challenges in acquiring loans from financial institutions and commercial banks
- Increased risk aversion towards the agricultural and agroforestry sectors
- Increasing uncertainty causing postponement or cancellation of investment decisions
- Likely extension for the closing date and completion date

**Describe details of the corrective/mitigation measures taken as much as you can.**

The FAO Pakistan team is closely following up on regular basis on the progress of signature of the Co-financing Agreement and the transfer of funds.

**Please describe if any support is required from the GCF to address the COVID-19 impact on your project/programme.****Confirmation and Acknowledgement of Information \***

\* This is a required question to submit the additional section of the Annual Performance Report (APR).

The accredited entity hereby confirms that the information provided in the additional section on COVID-19 is complete and ready for submission.