



FP045

Ground Water Recharge and Solar Micro Irrigation to Ensure Food Security and Enhance Resilience in Vulnerable Tribal Areas of Odisha

Annual Performance Report CY2022

APR CY2022 Section 1: General Information - v4 2023-09-18 18:49 +09:00

[APR CY2022] Section 1: General Information

Please note that this is section 1 of the five Annual Performance Report (APR) sections. APR will be considered valid only after all the five sections are filled with relevant details.

Reporting Year *

Please indicate reporting year

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 'PDF' function provided in the top-right corner. (Do NOT submit an APR at this step).

- Step 3: Attach all of the disclosable sections 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 with non-disclosable information.

- Step 5: Submit the non-disclosable APR which herein enclose the disclosable APR in PDF format.

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

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)

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)

1.4 Funding Proposal Reference Number

1.5 Board Meeting Number

1.6 Accredited Entity contacts for this APR

Full Name

Please confirm if the pre-filled name of Executing Entity(es) indicated in the funding proposal document is correct. Please update the information accordingly if there have been any changes since the project implementation. In addition, please clarify the Executing Entity(es) name precisely if needed. For example, if 'local financial institutions' was indicated as an EE in the funding proposal, please put their exact names here. You may want to add/remove rows if needed.

E-mail Address

climate.change@nabard.org

Phone Number

+919414029140

1.7 Executing Entity(ies)**Full Name of Executing Entity**

Odisha Community Tank Development and Management Society (OCTDMS)

Please confirm if the pre-filled name of Executing Entity(es) indicated in the funding proposal document is correct. Please update the information accordingly if there have been any changes since the project implementation. In addition, please clarify the Executing Entity(es) name precisely if needed. For example, if 'local financial institutions' was indicated as an EE in the funding proposal, please put their exact names here. You may want to add/remove rows if needed.

Please write the name of the country where the Executing Entity is headquartered.

India

1.8 Project Duration**From**

2020-11-20

To

2025-11-19

Check if the extension request for the project duration was approved by the Secretariat during the reporting period.

Please reach out to the GCF portfolio managers if you need an extension

☐ Yes (it was extended)☒ No**1.9 Current Year of Implementation**

3

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

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

2022-01-01

To

2022-12-31

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.

APR CY2022 Section 2: Implementation Progress - v4 2023-09-18 18:49 +09:00

[APR CY2022] Section 2: Implementation Progress

Please note that this is section 2 of the five Annual Performance Report (APR) sections. APR will be considered valid only after all the five sections are filled with relevant details.

2.1 Overall (summary) project progress

The Project 'Ground Water Recharge and Solar Micro Irrigation to Ensure Food Security and Enhance Resilience in Vulnerable Tribal Areas of Odisha' aims to address the challenges of climate change by enhancing the groundwater recharge of ponds through structural adaptation measures thereby improving the water security and quality for around 5.2 million beneficiaries in vulnerable communities. The Project also focuses to improve food security by adopting climate resilient crop planning; at the same time, solar pumps for irrigation will increase access to energy and contribute to climate resilient, low emission crop planning of the region.

The project was approved by GCF in its 16th Board meeting followed by signing of the Funded Activity Agreement (FAA) on 26 February 2018. However, due to changes in organizational structure at Executing Entity (EE) level, FAA was amended on 11 August 2020. Subsequently, revised Subsidiary Agreement (SA) was entered between NABARD (Accredited Entity) and EE on 17 November 2021. First disbursement under the project was received from GCF on 12 January 2021 and further released to EE on 26 March 2021.

The Executing Entity - Odisha Community Tank Development and Management Society (OCTDMS) – is a Special Purpose Vehicle (SPV) setup under Department of Water Resources (DoWR), Govt. of Odisha, has initiated implementation of the GCF project subsequent to the revised SA. State Project Management Unit (SPMU) is acting as the operational arrangement to implement different activities of the project entrusted to the OCTDMS. It has been resourced with a dedicated team of experts and is supported by various units like procurement, monitoring and finance, which has led to the successful development of a financial manual, pipeline development, and procurement of activities. District Level PMUs has also been constituted for effective and continuous implementation and monitoring of the project at ground level.

During its current year of implementation (Calendar Year 2022), the EE has initiated works at ground level. The project started various procurement activities such as baseline study of 10,000 tanks, groundwater recharging system installation, training need assessment, establishing quality management and monitoring system, web based monitoring framework etc. Being the new type of activities, the processes and designs, documents are prepared or arranged from scratch with due care and vision to minimise lapses and utilise the funds fruitfully. As such drafting & preparing the Terms & Conditions (ToRs) for engagement of consultancies, Standard Operating Procedures, invitation of expression of Interest, qualifying norms for bid documents, introduction of the project vision to field functionaries etc. took considerable amount of time. Some of the tenders have already allotted whereas some other tender works are in its various stages of award.

The major progress under the project is given as under:

1. Out of the 9,000 tanks under PR Department, renovation completed in 2163 tanks and under progress in 1463 tanks during 2022 under State's contribution. An amount of USD 17.3 million has been spent as on 31.12.2022 for tank renovation.
2. Out of 1000 tanks under MI Division, renovation works of 931 tanks were taken up as on December 2022 with an utilisation of USD 5.3 million under State Fund from Water Resources Department.
3. The baseline survey has been completed in 7053 tanks and survey is ongoing in 187 tanks. The baseline survey is expected to be completed by March 2023.
4. Tender for installation of Ground Water Recharge Well (GWRW) in 9 districts for 4639 tanks involving 23,919 recharge-wells have been awarded. So far, 52 recharge shafts have been installed in 52 locations
5. Training of Executive Engineers of Water Resources (MI) and Additional Project Directors, DRDAs of all 15 districts have been completed along with training of 471 field engineering personnel of PR & DW Dept. in 15 districts.
6. For imparting training on maintenance of installed ground water recharge wells, 2889 Jal-Mitras have been identified.
7. Under the component of dugwell creation, 427 beneficiaries have been identified.

During implementation of the project, the following challenges were encountered, which caused some delays in the implementation of the proposed components in the first year.

- i. Being the new type of activities, the processes and designs, documents are prepared or arranged from scratch with due care and vision to minimise lapses and utilise the funds efficiently. As such drafting & preparing the Terms & Conditions (ToRs) for engagement of consultancies, Standard Operating Procedures, invitation of expression of Interest, qualifying norms for bid documents, introduction of the project vision to field functionaries etc. took considerable time during the initial year.
- ii. In some of the components/sub-activities, the bidding amount was so low in respect to the provisioned/estimated amount as a result of which considerable amount proposed in the first year could not be utilised.
- iii. Baseline survey could not be completed as scheduled due to various field level implementations difficulties.

However, the project is entering into the active implementation stage. After completion of the baseline survey, consolidated outputs will be used for developing the baseline framework of the project. Renovation of the tanks and installation of the recharge shafts are under progress.

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. For project/programme with on-lending and equity investment into the projects or companies, kindly provide information on the projects/companies where such investment was made during the calendar year including the implementation status of the invested project or companies' operation. 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 year (for example, during 2022 only) 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)

This project aims for building concrete adaptation against the vulnerability of water scarcity and intends to promote climate resilient investment and address long-term adaptation to climate change in water scares and food insecure tribal areas. The project will be benefitting 5.19 million vulnerable population in 15 districts of Odisha.

The proposed project uses (a) an innovative concrete adaptation measure through a recharge shaft integration to improve recharge and reduce run off (run off is increasing as the climate change has induced heavy rains in too few days) and to improve ground water recharge, a resource use only in scarcity (b) it tries to resolve the institutional barrier by integrating Pani Panchayat and Jal sathis for gradual cost recovery and preparing ground for climate smart agriculture through water use efficiency (c) it is trying to remove financial barrier through directing the subsidies through convergence in climate resilient development and vulnerability reduction with this fund providing a catalytic support not as a core investment. It also avoids regressive capital intensive large dam paradigm affecting many lives negatively (through displacement) (d) it addresses social inclusion by integrating indigenous communities and also women and landless by off-farm income generation options and providing leasing rights to SHG groups. The project also integrates the climate resilient water resources and livelihood strategies at the grassroots level through involvement of community based organisations (CBOs) such as Water Users Associations and Gram Panchayats (Village level democracy structure in India).

The baseline data of the project is being collected through the field level surveys. As against the initial assessment provided in the funding proposal, the baseline survey will establish the actual number of intended beneficiaries. Detailed assessment of the progress and impact of the project against the investment criteria of GCF will be provided in the upcoming reporting periods.

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 ?

The project is tightly integrated into the adaptation logic for fund objective targeting 5.12 million vulnerable population located in 15 districts and also has mitigation co-benefits. The long-term adaptation to climate change in 15 vulnerable districts that are food and water insecure is the focus of investments (12% of the population – about 1.03 million HH). It also promotes institutional and regulatory system for low emission of GHG in planning and development through the integration of solar pumping system in agriculture sector. The project also balances regional inequality, as many multi-lateral projects and irrigation projects have historically been in the coastal region of the state and mostly disaster centric (e.g., ICZM, ADB project). However as per the climate projections, the water resources of the state in south, south western and central and northern Odisha are at the highest risk. This project would help in addressing these issues in a systemic manner.

The proposed project uses

- a) An innovative concrete adaptation measure through a recharge shaft integration to improve recharge sub-surface ground water storage to be used through lifting for enhancing micro-irrigation activities.
- b) Tries to resolve the institutional barrier by integrating Pani Panchayat and Jal-Mitras for gradual cost recovery and preparing ground for climate smart agriculture through water use efficiency
- c) It also avoids regressive capital-intensive large dam paradigm affecting many lives negatively (through displacement).
- d) Addresses social inclusion by integrating indigenous communities and also women and landless by off-farm income generation options. The project also integrates the climate resilient water resources and livelihood strategies at the grassroots level involving community-based organisations (CBOs) such as Water Users Associations.

A successful demonstration of this project through solar pumpsets will open up the private market for solar energy integration. The project plans to train barefoot para-professionals (women) for assembling and maintenance of the solar panels and accessories. This will help in resolving the last mile maintenance problem. Pre-qualified channel partners will have a mobile app-based system to integrate this trained hands-on ground. The penetration of solar energy is closely linked to the resilience building and energy access for vulnerable communities.

The EE has initiated implementation of activities as envisaged in the funding proposal. The actual number of beneficiaries (Direct and In Direct) will be confirmed after the completion of the baseline survey which is expected to be completed during the next reporting period. Other relevant activities are in pipeline and the impact potential is expected to be conspicuous during the next reporting period.

2.2.2 Paradigm shift potential ?

The proposed project primarily is an adaptation project focused on climate resilient development. The recharge shaft integration in addition to the regular tank improvement programme improves ground water recharge, therefore is a concrete adaptation activity. Ground water is mostly used in the climate stressed condition and is equivalent of a family silver. It has critical importance for future climate stress as much it has at present. Its result areas are closely linked to (a) enhanced water availability through recharge (b) enhanced food security through livelihood diversification agriculture fishery as well as off-farm activities for land less and women (c) reduced disease burden (water-borne) diseases due to improvement in water quality. (d) capacity of the communities enhanced for better operation management and providing last mile linkage (e) learning and informing the policy makers providing input for water policy, ground water regulation and as well as water budgeting and sharing (f) better project governance and mainstreaming through policy and operational guidance.

As co-benefit, mitigation logic is established through a pilot project of 1000 solar pumps. It is quite possible to adopt to diesel based pumping system which the farmers are familiar with. The ecosystem is already in place. However a rigorous demonstration and success of this pilot will not only help in avoiding about 2614 tonnes of CO₂ per year but also develop an eco-system for solar market. This avoided emission is a mitigation co-benefit. This will be achieved by mobilizing right vendor who train the barefoot para professionals (especially the women) in solar panel, battery maintenance and management. These people will be the vehicle of market transformation. The stability of the system and demonstration thereof will help development of the private market for a potential replacement of 2.88 million¹³ pump sets in the state which has low energization.

The GCF grant will be used for ground water recharge system as concrete adaptation activity. In addition grant will be used for solar pump integration (with capital subsidy), capacity building and monitoring of energy saving and adaptation benefit to show case the project for mainstreaming across the state/region/country.

As on date, the EE has completed training and capacity building of the Executive Engineers and Additional Project Directors, DRDAs of all 15 districts along with training of 471 field engineering personnel of PR & DW Deptt. in 15 districts. Tender for installation of GWRW in 4639 tanks involving 23919 recharge wells have been awarded. The recharge wells installation will be completed in phases during the implementation of the project. This will pave the way for enhancing the groundwater, thereby increased access to water. An increase in access to water can help farmers to grow more crops and increase their yields, thereby improve food security, increase income, and reduce poverty. An increase in access to water can reduce the burden on women, freeing up their time and enabling them to pursue other income-generating activities, thus empowering them economically.

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 major Sustainable Development Potential of the project includes the following outcomes to be achieved:

i. Augmentation of ground water recharge to improve water table and water quality for health and well-being of about 5.2 million vulnerable people through water security and contribute to the overall plan of the total ground water recharge of estimated at 1076.32 MCM.

ii. Improved food security through resilient crop planning through micro-irrigation in about 25 million hectares achieved through installation of Ground Water Recharge Shaft (GWRS) in 10,000 tanks.

Use of solar pumps for irrigation is not only improving energy access but also will be part of low emission climate resilient crop planning strategy of the state. Installation of solar pumps in 1000 demonstration tanks to achieve energy saving of 3.27 million kWh per year and avoided CO₂ emission of 2614 tonnes/year as mitigation co-benefit under this adaptation project.

Access to water can support irrigation for agriculture, increasing crop yields and food security. This can lead to economic development, job creation, and poverty reduction, particularly in rural areas. Access to clean and safe water can also improve the health of individuals and communities. This can lead to improved productivity and reduced healthcare costs, creating a healthier population leading to sustainability.

2.2.4 Needs of the recipient

Relevance of the project to the needs of the project had been proposed by the Department of Water Resources, Odisha with the primary objective to enhance groundwater recharge through community ponds through structural adaptation measures and use of solar pumps for micro irrigation to ensure water security and food security in the vulnerable areas of the state. The project will be implemented in the 15 vulnerable water stressed districts viz Bargarh, Bolangir, Boudh, Gajapati, Kalahandi, Kandhamal, Keonjhar, Koraput, Malkangiri, Mayurbhanj, Nawarangpur, Nuapada, Rayagada, Sambalpur and Sonepur.

The state of Odisha is highly vulnerable to climate change due to high monsoon variability. This has caused drought and flood affecting the food security of agriculture dependent communities and pushed the vulnerable sections to margin. In Odisha, gross groundwater recharge has been estimated as 17.77 billion cubic meter (BCM) through different sources. Rainfall contributes 71 % in gross groundwater recharge. With 1.09 BCM of natural groundwater losses, net groundwater availability in Odisha is 16.69 BCM. Out of this, only 4.36 BCM groundwater is drafted with irrigation sector extracting the highest (79.6 %). Odisha agriculture is largely rain fed and high monsoon variability in recent years has negatively impacted its main crop paddy. Paddy in itself has relatively high-water demand.

Keeping in view of the reducing inflows from interstate rivers and spiralling water demands, it is projected that by 2050, Odisha will slip from its present water-rich status to water-stress status. This is based on both the water use and climatic models that show close to 1° C rise in temperature in several parts of the state. In addition, spatially, the state is growing at a rate of 8.5% per annum and several industrial and urban clusters are emerging in the state with higher water and energy demand.

Many districts in Odisha state face multi-hazard scenario as 13 districts (out of 30 districts) are severely food insecure and 5 are extremely food insecure. Lack of adequate infrastructure for enhanced run off has implication on water conservation and overall enhancement of risk and vulnerability for the people living in the fringe. It is envisaged that annual 17 BCM replenishable ground water has to be conserved through some adaptive mechanism so that under the projected climate scenario it does not cause distress, migration and large-scale social unrest. As of now as per Census 2011 in Odisha, around 38.5% families travel at least half a km to fetch drinking water in villages. The number of such families was 32.5% in 2001, which increased by 6% in 10 years.

2.2.5 Country Ownership

i. The project confirms to the components of the National Action Plan on Climate Change “water mission” objectives: (a) comprehensive water database in public domain and assessment of impact of climate change on water resource; (b) promotion of citizen and state action for water conservation, augmentation and preservation; (c) focused attention to over-exploited areas; (d) increasing water use efficiency by 20%, and (e) promotion of basin level integrated water resources management. It fully aligns with the key objectives of the Pradhan Mantri Krishi Sichi Yojana “har khet ko pani” and more crop per drop.

ii. It also conforms to the key priorities relating to water use efficiency (KP4), creation of water harvesting structures (KP5), strengthening the panipanchayats for water management (KP8) and integrated water management (KP9) of the Odisha State Action Plan on Climate Change.

iii. Odisha Pani Panchayat Act envisions a self-managed water institutions and creation of a cadre of skilled para professionals for energy and water would create a transformational eco-system.

iv. The PR&DW department of Odisha have given their consent to provide funds up to the tune of about US \$ 111 Million towards rehabilitation of Panchayati Raj tanks under MGNREGS and similarly DoWR provided budgetary allocation and MGNREGA Convergence for renovation of 1000 MI tanks.

v. An amount of USD 17.3 million and USD 5.3 million were utilised by the state government through PR department and MI Division, respectively, for renovation of the community tanks.

2.2.6 Efficiency and Effectiveness ?

The project is envisaged with a grant funding of USD 34.357 million from GCF and the same is being utilized for concrete adaptation measure. The debt funding under the project is not feasible as proposed interventions are mainly innovative in nature and of public goods nature. The activities does not result indirect cash flow to service the debt.

GCF contribution is intended for the concrete adaptation intervention which is not in practice as of now for recharging the grond water artificially. This intervention facilitates the incremental benefit to beneficiaries with availability of additional water which can be used for agricultural purpose for higher yield and higher income. The present value of incremental benefit due to interventions from GCF fund over a 20-year period after completion of project is expected to be USD 180.47 million.

The project is self-sustainable beyond the intervention period. The benefits can be ripped perpetually with a little expense on operation and maintenance of recharge wells by Pani Panchayat after the project period.

With regard to the financial adequacy of the project financing structure, the project has undertaken the detailed review and assessment of the existing financial, technical, knowledge and capacity barriers through approval of SOP for formulating the project.

By combining the GoO funds and donor funds including GCF funds, OCTDMS will be able to implement the works and result in effective utilisation of Ground Water Resources and Solar Micro Irrigation leading to enhanced resilience in vulnerable Tribal areas of Odisha.

The project has been instrumental in catalysing and leveraging both GoO and donor funding to implement project activities. In order to ensure efficiency and effectiveness, and to avoid overlaps and duplications, the project has applied coordination mechanisms with all relevant stake holders (PR & DW Deptt).

2.3 Project Outputs Implementation Status

Please note the below fields are mandatory but only a one-time activity. Please fill out the project output details regardless of any progress made so far, which will be auto-populated in the next APR and on wards.

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

Project Output Name *

1. Ground Water Recharge System installed in 10000 tanks as a concrete adaptation measure to ensure ground water conservation to reduce vulnerability in 15 water stressed districts of the state

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 *

1.1 Baseline study for 10,000 tanks are conducted and database developed

Status

Activity started - progress delayed

Implementation Progress *

75 %

Original timeline planned for this activity *

Q3 2021 to Q4 2023

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

Project area is divided into three zones and work was awarded to three contractors. Baseline survey of 7053 tanks completed and ongoing in 187 tanks.

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Baseline survey will be completed for entire project area and report will be submitted.

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

Project Output Name *

1. Ground Water Recharge System installed in 10000 tanks as a concrete adaptation measure to ensure ground water conservation to reduce vulnerability in 15 water stressed districts of the state

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 *

1.2. Tank improvement plan and estimate for the recharge shaft installation developed

Status

Activity started - progress delayed

Implementation Progress *

75

%

Original timeline planned for this activity *

Q3 2021 to Q4 2023

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

Activity 1.2 is clubbed with activity 1.1 due to operational considerations. Agencies started baseline survey along with preparation of Tank Improvement Plan in consultation with various stakeholders.

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Along with the completion of baseline survey, tank improvement plan will also be completed

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

Project Output Name *

1. Ground Water Recharge System installed in 10000 tanks as a concrete adaptation measure to ensure ground water conservation to reduce vulnerability in 15 water stressed districts of the state

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 *

1.3: Standard Operating procedure for installation and maintenance developed

Status

Completed

Implementation Progress *

100

%

Original timeline planned for this activity *

Q3 2021 to Q1 2022

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

NIL

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

NIL

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

Project Output Name *

1. Ground Water Recharge System installed in 10000 tanks as a concrete adaptation measure to ensure ground water conservation to reduce vulnerability in 15 water stressed districts of the state

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 *

1.4: Ground water recharge system installed in 10000 tanks

Status

Activity started - progress on track

Implementation Progress *

1

%

Original timeline planned for this activity *

Q1 2022 to Q4 2024

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

Work awarded in 9 districts for 23,919 recharge shafts in 4639 tanks

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Contracts finalized and work started in all districts; At least 25000 wells installed until December 2023.

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

Project Output Name *

2. Increase in resilience of health and wellbeing vulnerable people through food security and water security.

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 *

2.1: Tank water level and other assessments and renovation completed for all 10000 with necessary Dug well creation for irrigation

Status

Activity started - progress on track

Implementation Progress *

46

%

Original timeline planned for this activity *

Q3 2021 to Q4 2024

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

This is a co-financing activity. Renovation work of 931 tanks out of 1000 tanks under MI division has been taken up. Renovation of 3628 PR Tanks have been taken up

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Completion of all tanks under MI and at least 5000 tanks under PR.

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

Project Output Name *

2. Increase in resilience of health and wellbeing vulnerable people through food security and water security.

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 *

2.2: Crop water budgeting based on agro-climatic zone prepared

Status

Activity started - progress on track

Implementation Progress *

70

%

Original timeline planned for this activity *

Q3 2021 to Q4 2024

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

Work has been awarded to an agency and first draft of the report has been submitted by the agency.

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Task to be completed by March 2023 and crop water budgeting prepared.

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

Project Output Name *

2. Increase in resilience of health and wellbeing vulnerable people through food security and water security.

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 *

2.3: Water sharing master plan developed

Status

Activity started - progress delayed

Implementation Progress *

70

%

Original timeline planned for this activity *

Q3 2021 to Q4 2021

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

Works awarded and 1st draft report approved.

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Task to be completed by March 2023 and master plan prepared.

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

Project Output Name *

2. Increase in resilience of health and wellbeing vulnerable people through food security and water security.

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 *

2.4: Livelihood improvement plan prepared

Status

Activity started - progress delayed

Implementation Progress *

70

%

Original timeline planned for this activity *

Q3 2021 to Q4 2021

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

Works awarded and 1st draft report approved.

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Task to be completed by March 2023 and livelihood improvement plan prepared.

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

Project Output Name *

2. Increase in resilience of health and wellbeing vulnerable people through food security and water security.

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 *

2.5: Water quality sample drawn from random wells

Status

Activity not yet due

Implementation Progress *

0 %

Original timeline planned for this activity *

Q1 2022 to Q4 2023

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

NIL

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Activity will be taken up and completed

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

Project Output Name *

3. Solar pumps installed in pilot locations for demonstration and training to village level para professionals for operation and maintenance

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 *

3.1: Identification criteria for 1000 solar pump installation developed

Status

Activity not yet due

Implementation Progress *

0 %

Original timeline planned for this activity *

Q1 2022 to Q4 2023

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

NIL

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Activity will be taken up and completed.

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

Project Output Name *

3. Solar pumps installed in pilot locations for demonstration and training to village level para professionals for operation and maintenance

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 *

3.2: Procurement plan and standard supplier contract for 1000 solar pumps developed

Status

Activity started - progress on track

Implementation Progress *

20 %

Original timeline planned for this activity *

Q1 2022 to Q4 2023

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

Odisha Renewable Energy Development Agency (OREDA) has prepared the relevant documents for procurement

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Activity will be completed

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

Project Output Name *

3. Solar pumps installed in pilot locations for demonstration and training to village level para professionals for operation and maintenance

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 *

3.3: 1000 solar pump installed and baseline audit completed

Status

Activity not yet due

Implementation Progress *

0

%

Original timeline planned for this activity *

Q1 2022 to Q4 2023

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

NIL

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Activity will be initiated

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

Project Output Name *

3. Solar pumps installed in pilot locations for demonstration and training to village level para professionals for operation and maintenance

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 *

3.4: 2000 village level para-professionals are certified in operation and maintenance of pumps

Status

Activity not yet due

Implementation Progress *

0

%

Original timeline planned for this activity *

Q1 2022 to Q4 2024

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

NIL

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Activity will be taken up during 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 *

3. Solar pumps installed in pilot locations for demonstration and training to village level para professionals for operation and maintenance

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 *

3.5: Energy saving report generated

Status

Activity not yet due

Implementation Progress *

0

%

Original timeline planned for this activity *

Q1 2023 to Q4 2024

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

NIL

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Activity will be initiated during 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 *

4. Capacity building plans for livelihood support systems to community to build 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 *

4.1: Training need assessment for sample households in tank command and PPs completed

Status

Activity started - progress on track

Implementation Progress *

75

%

Original timeline planned for this activity *

Q3 2022 Q3 2023

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

This activity clubbed up with activity 1.1: "Baseline study for 10,000 tanks is conducted and database developed." The agencies engaged for Baseline study are conducting this activity.

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Work will be completed by March 2023

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

Project Output Name *

4. Capacity building plans for livelihood support systems to community to build 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 *

4.2: Training modules prepared and partners identified for both training and demonstration

Status

Activity started - progress on track

Implementation Progress *

75

%

Original timeline planned for this activity *

Q3 2021 to Q3 2024

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

Contract has been awarded and work initiated

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Activity will be completed by March 2023

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

Project Output Name *

4. Capacity building plans for livelihood support systems to community to build 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 *

4.3: Training of 500 engineer 20,000 JalMitras completed and certified

Status

Activity started - progress on track

Implementation Progress *

40

%

Original timeline planned for this activity *

Q1 2022 to Q4 2024

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

471 field Officials (PRDW & MI) trained

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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 of Jala-Mitras to be taken up in phases

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

Project Output Name *

4. Capacity building plans for livelihood support systems to community to build 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 *

4.4: No of training and demonstration organized in convergence with relevant departmental programme of the government

Status

Activity not yet due

Implementation Progress *

0

%

Original timeline planned for this activity *

Q1 2022 to Q4 2025

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

NIL

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Selection of trainers will be taken up and at least 15,000 community members trained.

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

Project Output Name *

4. Capacity building plans for livelihood support systems to community to build 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 *

4.5: No of landless and women members covered under capacity building for off-farm initiatives

Status

Activity not yet due

Implementation Progress *

0

%

Original timeline planned for this activity *

Q2 2022 to Q4 2023

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

NIL

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Selection of trainers will be taken up and at least 5,000 community members trained.

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

Project Output Name *

4. Capacity building plans for livelihood support systems to community to build 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 *

4.6: FPOs are linked

Status

Activity not yet due

Implementation Progress *

0

%

Original timeline planned for this activity *

Q1 2023 to Q4 2025

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

NIL

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Activity to be initiated during 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 *

5. Quality Monitoring system for ground water governance established

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 *

5.1: A geospatial tank quality management database and MIS prepared

Status

Activity started - ahead of schedule

Implementation Progress *

70

%

Original timeline planned for this activity *

Q1 2023 to Q4 2025

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

MoU signed with ORSAC (Odisha Space Application Centre) on Oct-2021. Work of Validation of data through satellite images and development of mobile app in completed. Web-page development in progress

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Activity to be rolled out by June 20223

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

Project Output Name *

5. Quality Monitoring system for ground water governance established

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 *

5.2: Water Quality and dynamic ground water modelling tool developed

Status

Activity not yet due

Implementation Progress *

0

%

Original timeline planned for this activity *

Q1 2023 to Q4 2025

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

NIL

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Activity to be initiated during 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 *

5. Quality Monitoring system for ground water governance established

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 *

5.3: Baseline and independent assessment report based on project objective and indicators prepared

Status

Activity not yet due

Implementation Progress *

0 %

Original timeline planned for this activity *

Q1 2023 to Q4 2025

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

NIL

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Activity will be initiated during 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 *

5. Quality Monitoring system for ground water governance established

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 *

5.4: Process monitoring report that estimates adaptation and mitigation benefit prepared

Status

Activity started - progress on track

Implementation Progress *

10 %

Original timeline planned for this activity *

Q3 2021 to Q4 2025

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

Database is being developed

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Baseline established and reports prepared during 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 *

6. Knowledge management (institutional and regulatory) input provided for water and clean energy market development

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 *

6.1: Preparation of policy briefs for Odisha ground water management and development regulation, state water policy and relevant facilitation

Status

Activity not yet due

Implementation Progress *

0 %

Original timeline planned for this activity *

Q1 2023 to Q2 2025

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

NIL

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Activity will be initiated during 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 *

6. Knowledge management (institutional and regulatory) input provided for water and clean energy market development

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 *

6.2: Process documentation and preparation standard operating procedure for development of solar pumping value chain

Status

Activity not yet due

Implementation Progress *

0

%

Original timeline planned for this activity *

Q1 2023 to Q4 2025

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

NIL

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Activity will be initiated during 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 *

6. Knowledge management (institutional and regulatory) input provided for water and clean energy market development

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 *

6.3: Science to policy knowledge product framework developed

Status

Activity not yet due

Implementation Progress *

0

%

Original timeline planned for this activity *

Q1 2023 to Q4 2025

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

NIL

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Activity will be initiated during 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 *

6. Knowledge management (institutional and regulatory) input provided for water and clean energy market development

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 *

6.4: Process document for convergence with other departments are developed

Status

Activity started - progress delayed

Implementation Progress *

0

%

Original timeline planned for this activity *

Q3 2021 to Q4 2021

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

NIL

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Activity will be initiated during 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 *

6. Knowledge management (institutional and regulatory) input provided for water and clean energy market development

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 *

6.5: Quarterly project newsletter published

Status

Activity started - progress delayed

Implementation Progress *

10

%

Original timeline planned for this activity *

Q3 2021 to Q5 2025

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

Works initiated

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Quarterly newsletter will be published

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

Project Output Name *

6. Knowledge management (institutional and regulatory) input provided for water and clean energy market development

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 *

6.6: Ten peer learning workshops are conducted during the lifecycle of the project

Status

Activity not yet due

Implementation Progress *

0

%

Original timeline planned for this activity *

Q3 2021 to Q5 2025

Please refer to the Implementation Timetable in the log-frame

Progress for the relevant reporting period

NIL

Provide an updated progress on this project activity for the relevant reporting period, including delays and issues encountered, the reason for differences between the planned implementation progress and actual implementation progress, 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

Learning workshops will be conducted during 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

Under this section, please report the 'annual value' for the reporting year only (for example, during 2022 only). Also report 'cumulative value' achieved as of the end of the reporting year as well as 'baseline', 'midterm target', 'final target', and 'expected lifetime emission reduction target'. Please note that the baseline and the respective target values should be reported for the total funding amount (GCF funding and co-financing) of the project. Also note that all these values should reflect information from the most recent/updated logical framework (logframe) agreed to with the GCF, whether through the FAA amendment process, submission and approval of the inception report, baseline assessment/study, APRs, and/or correspondence with GCF's portfolio managers on any logframe changes. If the most updated logframe deviates from that approved in the funding proposal, please provide clarification as to why there have been changes for each applicable indicator in the 'Remarks' box. For example, the clarification may include but is not limited to: 'the logframe was revised during the FAA negotiation process' or 'a baseline assessment has been completed as of August 2022 and the assessment has been submitted to the GCF for approval' or 'the revised baseline and target values have been submitted via the previous APR cycle and approved by the GCF' or 'the project logframe is being revised, and the FAA amendment process is currently ongoing with the GCF' etc. In case where a measurement methodology has been revised in agreement with the GCF for any indicators in the logframe, please attach supporting documentation describing the calculation methodology of all applicable indicators in APR Section 5 'Annexes and Attachments'.

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 the "annual value" of the number of direct beneficiaries who benefitted from GCF funding only during the reported calendar year. The 'Cumulative Value' refers to the total ex-post number of direct beneficiaries on a cumulative basis. Please note that all values should be based on total funding (GCF funding and co-financing).

Baseline	Baseline (% of female)
0	0 %
Annual Value (Reporting Year)	Annual Value (% of female)
0	0 %
Cumulative Value	Cumulative Value (% of female)
0	0 %
Mid-term Target	Mid-term Target (% of female)
2 595 000	50 %
Final Target	Final Target (% of female)
5 190 000	50.1 %

Remarks (including changes, if any)

This baseline and target data are as per the assumptions given in Section E.1.1. Mitigation / adaptation impact potential of Funding Proposal. The baseline study of the project is under progress by the contractors engaged by EE, however the same is yet to be completed. It is expected to complete the same during next reporting period and the baseline and target parameters will be finalised and reported accordingly along with updated logic framework.

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

Please provide the "annual value" of the number of indirect beneficiaries who benefitted from GCF funding only during the reported calendar year. The 'Cumulative Value' refers to the total ex-post number of indirect beneficiaries on a cumulative basis. Please note that all values should be based on total funding (GCF funding and co-financing).

Baseline	Baseline (% of female)
0	0 %
Annual Value (Reporting Year)	Annual Value (% of female)
0	0 %
Cumulative Value	Cumulative Value (% of female)
0	0 %
Mid-term Target	Mid-term Target (% of female)
5 390 000	50 %
Final Target	Final Target (% of female)
10 780 000	50.1 %

Remarks (including changes, if any)

This baseline and target data are as per the assumptions given in Section E.1.1. Mitigation / adaptation impact potential of Funding Proposal. The baseline study of the project is under progress by the contractors engaged by EE, however the same is yet to be completed. It is expected to complete the same during next reporting period and the baseline and target parameters will be finalised and reported accordingly along with updated logic framework.

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

Please provide the "annual value" of the number of total beneficiaries who benefitted from GCF funding relative to the total population only during the reported calendar year. The 'Cumulative Value' refers to the ex-post number of total beneficiaries relative to the total population on a cumulative basis. Please note that all values should be based on total funding (GCF funding and co-financing).

Share of direct beneficiaries relative to total population

Baseline	Annual Value (Reporting Year)	Cumulative Value
0 %	0 %	0 %
Mid-term Target	Final Target	
6.2 %	12.4 %	

Share of female direct beneficiaries relative to total population

Baseline (female)	Annual Value (Reporting Year)	Cumulative Value (female)
0 %	0 %	0 %
Mid-term Target (female)	Final Target (female)	
3.1 %	6.2 %	

Share of indirect beneficiaries relative to total population

Baseline	Annual Value (Reporting Year)	Cumulative Value
0 %	0 %	0 %
Mid-term Target	Final Target	
12.8 %	25.7 %	

Share of female indirect beneficiaries relative to total population

Baseline (female)	Annual Value (Reporting Year)	Cumulative Value (female)
0 %	0 %	0 %
Mid-term Target (female)	Final Target (female)	
6.9 %	12.9 %	

Remarks (including changes, if any)

Total population of Odisha State as per Census 2011 is 41.97 million and direct and indirect beneficiaries of the project are 5.19 million and 10.78 million. However, this data will be updated after completion of the baseline study of the project.

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

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 the "annual value" achieved only during the reported calendar year and the ex-post 'Cumulative Vavalue' on a cumulative basis.

Select applicable units

- ☒ Persons
☐ Households

Unit - Persons

Baseline	Baseline (% of female)
3 460 000	50.1 %
Annual Value (Reporting Year)	Annual Value (% of female)
3 460 000	50.1 %
Cumulative Value	Cumulative Value (% of female)
3 460 000	50.1 %
Mid-term Target	Mid-term Target (% of female)
4 325 000	50.1 %
Final Target	Final Target (% of female)
5 190 000	50.1 %

Remarks (including changes, if any)

Number of beneficiaries of the project is 5.19 million. As per the logic framework of the funding proposal, 'At least one third of this population are food insecure and are at risk due hydrological and agricultural drought. Therefore, 2/3 of the of population i.e. 3.46 million are food secure which forms the baseline. The project is targeted to ensure food security of entire 5.19 million direct beneficiaries.

Please note that the above figures are based on the assumptions presented in the Funding Proposal. These values will be updated based on the baseline survey of the project in the next reporting period.

2.4.3 Project/Programme-level Outcome & Output Indicators

Please provide the "annual value" achieved only during the reported calendar year and the ex-post 'Cumulative Vavalue' 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.

Results Areas		Outcome Name	
[Adaptation] Health, Food, and Water Security		1. Ground Water Recharge System installed in 10000 tanks as a concrete adaptation measure to ensure ground water conservation to reduce vulnerability in 15 water stressed districts of the state	
Output Name (under the afore-mentioned outcome)			
Not Applicable			
Please write 'Not Applicable' if the below-mentioned indicator is to be reported directly at the outcome level.			
Indicator Name			
No. of ground water recharge structures installed			
Unit			
nos.			
Baseline	Annual Value (Reporting Year)		Cumulative Value
0	9		9
Mid-term Target	Final Target		
5 000	10 000		
Remarks (including changes, if any)			
During the current year, 147 recharge shafts have been installed in 9 tanks. Works has been awarded for 4639 tanks.			

Results Areas		Outcome Name	
[Adaptation] Health, Food, and Water Security		2. Increase in resilience of health and wellbeing vulnerable people through food security and water security	
Output Name (under the afore-mentioned outcome)			
'Not Applicable'			
Please write 'Not Applicable' if the below-mentioned indicator is to be reported directly at the outcome level.			
Indicator Name			
No. of vulnerable people with increased climate resilience			
Unit			
million people			
Baseline	Annual Value (Reporting Year)		Cumulative Value
0	0		0
Mid-term Target	Final Target		
2.6	5.19		
Remarks (including changes, if any)			
Presently baseline survey of the tanks are undergoing. Food security and water security will be ensured through various activities which are planned. Updated data will be reported in the next reporting period			

Results Areas		Outcome Name	
[Adaptation] Health, Food, and Water Security		3. Solar pumps installed in pilot locations for demonstration and training to village level para professionals for operation and maintenance	
Output Name (under the afore-mentioned outcome)			
Not Applicable			
Please write 'Not Applicable' if the below-mentioned indicator is to be reported directly at the outcome level.			
Indicator Name			
No. of pumps installed as per the standards			
Unit			
nos.			

Baseline	Annual Value (Reporting Year)	Cumulative Value
0	0	0
Mid-term Target	Final Target	
500	1 000	
Remarks (including changes, if any)		
Solar pump installations are yet to be taken up. Procurment process is under progress.		

Results Areas	Outcome Name	
[Adaptation] Health, Food, and Water Security	3. Solar pumps installed in pilot locations for demonstration and training to village level para professionals for operation and maintenance	
Output Name (under the afore-mentioned outcome)		
Not Applicable		
Please write 'Not Applicable' if the below-mentioned indicator is to be reported directly at the outcome level.		
Indicator Name		
Training to village level para professionals		
Unit		
number		
Baseline	Annual Value (Reporting Year)	Cumulative Value
0	0	0
Mid-term Target	Final Target	
1 000	2 000	
Remarks (including changes, if any)		
This activity is yet to be taken up		

Results Areas	Outcome Name	
[Adaptation] Health, Food, and Water Security	4. Capacity building plans for livelihood support systems to community to build resilience	
Output Name (under the afore-mentioned outcome)		
Not Applicable		
Please write 'Not Applicable' if the below-mentioned indicator is to be reported directly at the outcome level.		
Indicator Name		
No. of jalsathis and village para professionals of PPs trained		
Unit		
number		
Baseline	Annual Value (Reporting Year)	Cumulative Value
0	0	0
Mid-term Target	Final Target	
10 000	20 500	
Remarks (including changes, if any)		
This is in the initial stage. So far 2889 jalsathis identified. Training will be taken up during the next reporting period		

Results Areas	Outcome Name
[Adaptation] Health, Food, and Water Security	4. Capacity building plans for livelihood support systems to community to build resilience

Output Name (under the afore-mentioned outcome)

Not Applicable

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

Indicator Name

No. of farmers trained

Unit

number

Baseline

0

Annual Value (Reporting Year)

0

Cumulative Value

0

Mid-term Target

200 000

Final Target

450 000

Remarks (including changes, if any)

Livelihood improvement plan is under preparation. This activity will be taken up after completing this study.

Results Areas

[Adaptation] Health, Food, and Water Security

Outcome Name

4. Capacity building plans for livelihood support systems to community to build resilience

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

No. of landless households use alternate livelihood

Unit

number

Baseline

0

Annual Value (Reporting Year)

0

Cumulative Value

0

Mid-term Target

75 000

Final Target

150 000

Remarks (including changes, if any)

Livelihood improvement plan is under preparation. This activity will be taken up after completing this study.

Results Areas

[Adaptation] Health, Food, and Water Security

Outcome Name

5. Quality Monitoring system for ground water governance established

Output Name (under the afore-mentioned outcome)

Not Applicable

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

Indicator Name

Preparation of quality management database and MIS, modelling tool, baseline and independent assessment , process monitoring

Unit

number of tanks covered

Baseline

0

Annual Value (Reporting Year)

0

Cumulative Value

0

Mid-term Target

5 000

Final Target

10 000

Remarks (including changes, if any)

This activity has been initiated. Tank-wise coverage will be reported in the next year

Results Areas

[Adaptation] Health, Food, and Water Security

Outcome Name

6. Knowledge management (institutional and regulatory) input provided for water and clean energy market development

Output Name (under the afore-mentioned outcome)

Not Applicable

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

Indicator Name

Preparation of policy brief for ground water management, SOP Science to policy documents developed to create an enabling environment for market transformation

Unit

number of documents

Baseline

0

Annual Value (Reporting Year)

0

Cumulative Value

0

Mid-term Target

10

Final Target

20

Remarks (including changes, if any)

Policy brief is yet to be taken up.

If applicable, please submit a supporting document describing the calculation methodology for the current values provided.

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

No changes that influence the overall outcome 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**

Participation of contractors / service providers in the procurement process for Installation of Groundwater Recharge System is low. Due to this, tender process had to be repeated due to lack of minimum number of participants in the competitive tendering. This resulted in losing time for contractor selection thereby resulted in low physical progress than the initial schedule.

Describe the challenge faced during the last twelve (12) months of implementation and critical risks that may result in a change to the scope and/or timing of the project; please provide a description and how they have impacted the implementation period and could impact other activities and final targets. N.B. Choose the most relevant type if the challenge is related to multiple types.

Challenge type

Procurement

Impact level on the project implementation

Moderate

NB. AML/CFT (Anti-Money Laundering/Combating the Financing of Terrorism), ESS (Environmental and social safeguards), SEAH (Sexual Exploitation, Abuse and Harassment)

Measures adopted

Since the tender process was scheduled on district wise, based on the experience in the initial tender process in the first district itself, wide publicity of the process was circulated and the empaneled contractors were also informed well in time.

Please check if the above-mentioned challenge(s) has been resolved during the reporting period

☐ The challenge(s) has been resolved during the reporting period.

Lesson learned and other remarks

Wide publicity in the news papers and pre bid meetings with contractors are to be carried out while inviting the tender for novel ideas such as ground water recharging system of this project.

Please check if this challenge is caused by COVID-19 pandemic.

☐ Yes

☒ No

Challenge encountered

Baseline survey of the project was initially planned to complete by Q3 2022, however due to the various operational issues faced by the three contractors assigned for the work, the activity is yet to be completed. This has resulted in considerable delay in taking up the activities dependent on the baseline survey as well as framing up the revised logic framework of the project.

Describe the challenge faced during the last twelve (12) months of implementation and critical risks that may result in a change to the scope and/or timing of the project; please provide a description and how they have impacted the implementation period and could impact other activities and final targets. N.B. Choose the most relevant type if the challenge is related to multiple types.

Challenge type

Operational

Impact level on the project implementation

Moderate

NB. AML/CFT (Anti-Money Laundering/Combating the Financing of Terrorism), ESS (Environmental and social safeguards), SEAH (Sexual Exploitation, Abuse and Harassment)

Measures adopted

Regular monitoring and review meeting held with all the three contractors. Though 75% of the implementation progress was achieved through regular follow-up, the work is yet to be completed.

Please check if the above-mentioned challenge(s) has been resolved during the reporting period

☐ The challenge(s) has been resolved during the reporting period.

Lesson learned and other remarks

Though technical and management competency of the contractors were ensured through the tendering process, unexpected, field level issues caused delays.

Please check if this challenge is caused by COVID-19 pandemic.

☐ Yes

☒ No

Challenge encountered

The uniqueness in the design and installation process of recharge shaft has resulted in delays in field level installations.

Describe the challenge faced during the last twelve (12) months of implementation and critical risks that may result in a change to the scope and/or timing of the project; please provide a description and how they have impacted the implementation period and could impact other activities and final targets. N.B. Choose the most relevant type if the challenge is related to multiple types.

Challenge type

Operational

Impact level on the project implementation

Moderate

NB. AML/CFT (Anti-Money Laundering/Combating the Financing of Terrorism), ESS (Environmental and social safeguards), SEAH (Sexual Exploitation, Abuse and Harassment)

Measures adopted

Interactions with the contractors are proposed to be enhanced by the district level engineers and field level officers. Clear guidance and assistance are proposed to be provided by the department engineers to the contractors.

Please check if the above-mentioned challenge(s) has been resolved during the reporting period

☐ The challenge(s) has been resolved during the reporting period.

Lesson learned and other remarks

Detailed guidelines on the novel processes to be developed and capacity building are to be conducted for such novel practices.

Please check if this challenge is caused by COVID-19 pandemic.

☐ Yes

☒ No

2.7 Updated implementation timetable for the Funded Activity**Please submit the implementation time table for the Funded Activity**

[FP045_APR2022_Updated Implementation Timetable.docx](#)

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.

APR CY2022 Section 3: Financial Information - v4 2023-09-18 18:49 +09:00

[APR CY2022] Section 3: Financial Information

Please note that this is section 3 of the five Annual Performance Report (APR) sections. APR will be considered valid only after all the five sections are filled with relevant details.

3.1 Annual Financial Performance Report

Please download the Financial Performance Report Template in Excel.

[Financial Performance Report Template](#)

Please note that the Financial Performance Report template has been updated with an additional master sheet where you will see a summary of data automatically extracted from multiple worksheets. AEs do not need to make any additional actions in this regard.

Please attach the Annual Financial Performance Report here.

[FP045_APR2022_Section 3 Financial Information_rev.xlsx](#)

Please make sure you use the attached template provided by the GCF. Reports submitted in any other formats would not be accepted.

3.2 Unaudited Financial Statement

Submit the Unaudited financial statement (as required by FAA)

[FP045_APR2022 Unaudited Financial Statement_USD.pdf](#)

(Semi-)Annual Audited financial statement, Interim/Final Evaluation Report should be submitted via separate and dedicated submission channels.

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.

APR CY2022 Section 4: Environmental and Social Safeguards & Gender - v4 2023-09-18 18:49 +09:00

[APR CY2022] Section 4: Environmental and Social Safeguards & Gender

Please note that this is section 4 of the five Annual Performance Report (APR) sections. APR will be considered valid only after all the five sections 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; (2) 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.

An ESMP was submitted along with the funding proposal with the objective of assessing potential environment issues and plan for actions to avoid adverse impacts and enhance environmental benefits from the project. The direct positive environmental effects are on improved ground water quality, bio diversity in catchment of ponds area, soil quality and low GHG emission. Based on risk parameters and components of the projects, the project would have minimum impact on environmental and social parameters as per the GCF E & S policy and hence the project is categorised under Medium Risk Category i.e. "Category B".

Filed level activities of the projects have been initiated including renovation of ponds, installation of recharge shafts etc. There are no changes in the key E&S risks and impacts. Unanticipated risks and impacts are not identified so far.

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

Compliance Type

Law / Regulation

Compliance Title & Description

1. The Child Labour (Prohibition and Regulation) Act, 1986
2. The Minimum Wages Act, 1948
3. Equal Remuneration Act, 1976

Labour and working conditions

Status of compliance

In compliance - During the selection of contractors/service providers, adherence to the law/regulation are ensured by placing relevant clauses in the tender documents and contract documents. Compliance to the relevant law/act/guidelines during the field level execution are ensured by the field level officers.

Compliance Type

Law / Regulation

Compliance Title & Description

The Orissa Irrigation Act, 1959

An Act to consolidate and amend the laws relating to irrigation, assessment and levy of water rate and cess in force in different parts of the State of Odisha

Status of compliance

In compliance - the activities of the project proposed by the state department of water resources, are designed to be compliant with the act.

Compliance Type

Law / Regulation

Compliance Title & Description

The Odisha Pani Panchayat Act, 2002

An act to provide for farmers' participation in the management of irrigation systems and for matters connected therewith or incidental thereto.

Status of compliance

In compliance - The components and activities of the project are designed in accordance with the Act and compliance is ensured by the filed level officers of Department of Water Resources.

Compliance Type

Law / Regulation

Compliance Title & Description

National Water Policy, 2012

The Policy aims to evolve as an umbrella statement of general principles governing the exercise of legislative and/or executive (or devolved) powers by the Centre, the States and the local governing bodies.

Status of compliance

In compliance - The components and activities of the project are designed in accordance with the NWP.

Compliance Type

Law / Regulation

Compliance Title & Description

National Environment Policy, 2006

It is intended to be a guide to action in regulatory reform, programmes and projects for environmental conservation, and review and enactment of legislation, by agencies of the Central, State, and Local Governments. The dominant theme of this policy is that while conservation of environmental resources is necessary to secure livelihoods and well-being of all, the most secure basis for conservation is to ensure that people dependent on particular resources obtain better livelihoods from the fact of conservation, than from degradation of the resource

Status of compliance

In compliance - The components and activities of the project are designed and executed in accordance with the National Environment Policy, 2006

Compliance Type

Law / Regulation

Compliance Title & Description

State Agricultural Policy-2013

The policy aims to promote organic farming systems and integrated pest management and nutrient management strategies.

Status of compliance

In compliance - The components and activities of the project are designed in accordance with the State Agricultural Policy 2013.

Compliance Type

Covenant

Compliance Title & Description

Obtain, or cause any other entity involved in the Funded Activity to obtain, all necessary licenses, approvals and consents to implement, (if appropriate) carry out or operate any Funded Activity, all of which are to be maintained in full force and effect.

Status of compliance

In compliance - During the selection of contractors/service providers, adherence to the law/regulation are ensured by placing relevant clauses in the tender and contract documents. Compliance to the relevant law/act/guidelines are ensured by the field level officers as well as during the regular monitoring of AE.

Compliance Type

Covenant

Compliance Title & Description

Undertake and/or put in place any reasonable measures in order to ensure that the management of the environmental and social risks and impacts arising from the Project complies at all times the recommendations, requirements and procedures set forth in the environmental and social safeguards document/(s), ESMP, which was prepared and provided by to Accredited Entity (NABARD) and the Fund for the relevant Project

Status of compliance

In compliance - The activities and components of the project are being executed in accordance with the provisions of the ESMP and compliance to the relevant clauses are being ensured by AE through its regular field level monitoring.

Compliance Type

Covenant

Compliance Title & Description

Prior to commencing any construction works or activities for the implementation of the Project, submit the detailed Environmental and Social Management Plan for related to the relevant construction works or activities to be executed for a tank infrastructure in a form and substance satisfactory to the Accredited Entity (NABARD) and the Fund

Status of compliance

In compliance - The activities and components of the project are being executed in accordance with the provisions of the ESMP and compliance to the relevant clauses are being ensured by AE through its regular field level monitoring.

Compliance Type

Covenant

Compliance Title & Description

Ensure that a grievance redress mechanism at the village level that will, in addition Independent Redress Mechanism of the GCF and to the grievance redress mechanism of Accredited Entity (NABARD), be able to effectively receive grievances due to the Project and facilitate, through problem solving methods, the resolution thereof.

Status of compliance

In compliance - Grievance redress mechanisms of the state governments is available at village level and the same is being communicated at beneficiary level. In addition, grievance redress mechanism of AE and GCF are publicised through meetings with beneficiaries and stakeholders, workshops, district level PMU and state level PMU meetings. District Development Managers (DDM) are AE's district level officers who regularly monitor and interact with beneficiaries. Necessary instruction and guidance are provided to DDMs for effective implementation of the GRM and also to record and report grievances to the AE level grievance mechanism established from the project.

4.1.3 Provide a report on the progress made during the reporting period 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**

Desiltation and renovation of tanks (co-financing from the state government)

Outputs during the reporting period

152 tanks under MI division and 1115 tanks under PR department were taken up for renovation during the year thereby improving the capacity of tanks

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

During renovation, environmental issues such as potential pollution due to disposal of silt from the tanks were addressed by utilizing the silt for strengthening the bund of tanks. Also, stone pitching and grass turfing was carried out to prevent erosion of silt from the bunds. The activities were carried out without any disturbances to the aquatic life of tanks.

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

Installation of recharge shafts in the community tanks

Outputs during the reporting period

During the reporting period, 147 recharge shafts have been installed in 9 community tanks.

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

During the installation of the recharge shafts, care has been taken for not polluting the water body.

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

No pending issues

4.1.4 AEs are obligated to inform executing entities, people and project beneficiaries about the GCF's Independent redress Mechanism and the AE's own Grievance Redress Mechanism. This includes bringing the contact details, accessibility, and basic procedures of such mechanisms to the attention of executing entities, people and project beneficiaries. Please provide detailed information on the steps taken by the AE to fulfill this obligation during the reporting period in the project target area and to the public, including the dissemination of information through meetings, brochures, hotlines, and other means.

Please provide detailed information including dates and venues of activities, number of attendees, confirmation that information was provided on the 1) IRM and 2) AE's grievance redress mechanism 3] project-level grievance mechanism (where applicable).

A Project Management Unit (PMU) was setup at NABARD Regional Office at Odisha and Deputy General Manager was designated as the nodal person. Filed level monitoring of the project are being undertaken by District Development Managers (DDM) of NABARD and also act as member of District Project Management Unit of EE. These officers are given authority to receive complaints. The beneficiaries are being made aware of the GRM of NABARD during the stakeholder meetings including pani panchayats.

The Grievance Redressal Scheme of NABARD is an expeditious and easy way for public for resolution of complaints relating to the services rendered. Public Grievances (PG) are received in NABARD from five sources viz., (1) PG Portal of Gol (2) e-mail (3) post (4) Web Portal and (5) Ingram Portal. The Department of Administrative Reforms & Public Grievances is the nodal agency in Government of India for co-ordinating the activities. For effective handling of public grievances, all Regional Offices have a senior officer designated as Grievance Redressal Officer. For NABARD as a whole, Chief General Manager, Corporate Planning Department acts as Chief Grievance Redressal Officer.

Apart from the existing GRM of AE, project level GRM was set up by AE by designating an officer at Odisha Regional office for anchoring the grievance Cell. This is a separate channel for reporting and addressing of the grievances for the community members and stakeholders. Accordingly, an Assistant General Manager (AGM) at Odisha Regional Office is designated as the nodal officer of the grievance cell. Contact details and a dedicated email ID of grievance cell was also made available along with a format for raising complaints in local language. In addition, District Development Managers (DDM) of NABARD are also authorised to receive the grievance from the community member and instructed to forward the same to the Grievance Cell at Odisha Regional Office. Each DDMs are maintaining a complaints register at his office as per the format devised by the Grievance Cell, Odisha RO and the details of the grievance will be recorded in the register.

DDMs are undertaking regular site visits and regularly interacting with project beneficiaries including women/girls. In addition, DDMs attend the regular meetings of District Project Management Unit (DPMU) of the EE. These platform acts as the point of information sharing with stakeholders including the beneficiaries. Also, EE is in the process of formulating the 'Pani Panchayats' - local water user groups, and the information regarding the GRM and IRM of NABARD and GCF respectively will be shared with these beneficiary groups during its meetings. At the NABARD level, DDMs act as the basic point of information dissemination to the beneficiaries. Through DDMs, community member are being made aware about the designated person's contact details, office timings and about different means of receiving complaints such as letter, phone call, personal visit, where and how the complaints can be made and information to be provided by complainant etc.

The EE is using the grievance redressal mechanism through email and complaints received through office dak. It is also using an online system through the field offices who are using "Mo Sarkar" app prescribed by the State Govt. which records all such grievances for its redressal.

4.1.5 Include a description of the actions undertaken during the reporting period 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

Activity 1.1.1: Base-line study of 10000 tanks

Dates and venues of engagement activities

03/2022 in the GCF project Districts

Information shared with stakeholders

Aspects of the baseline survey including Environment and Social Policy

Outputs including issues addressed during the reporting period

Baseline study completed in 7053 tanks, ongoing in 187 tanks. This consist of mapping preferences and needs of stakeholders. This activity also captures needs of poor female headed households and study in those tanks wherein women concentration is less.

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

NABARD as the AE of the project has established a Project Management Unit (PMU) at Odisha Regional Office for effective monitoring and implementation of the project. In order to support the activities envisaged under the PMU, AE has engaged NABCONS, a subsidiary consulting firm of NABARD, for providing manpower support (consultants) to PMU on contract basis. In accordance with this engagement, NABCONS has issued advertisement for the recruitment of consultants and recruited consultants to support PMU. One of the candidates who attended recruitment process has raised a grievance regarding the recruitment process that was followed by NABCONS. The complainant has submitted the grievance to the AE focal point for this project. The complaint was not directly related to the funded activities under the project, but on the recruitment process outsourced by the AE, to be managed from the AE fee for the project.

Please specify to which grievance mechanism the complaint was filed (AE grievance mechanism or project-level grievance mechanism, If known, please explain relationship of the complainant to the project (for example: community member, contractor, business-owner, etc.)

Date of receipt

2022-09-29

Please provide information on any monitoring and follow-up activities.

Description of resolution

The complainant has raised concerns over the process followed by NABCONS (consultant engaged by AE) such as changing the interview dates multiple times, publishing of results, complainant's apprehensions on the selected candidates etc. Upon the instructions of AE, after conducting an independent investigation, NABCONS has provided clarifications on the recruitment process against the grievance, which confirmed that the process was fair and transparent. Based on the clarifications on the concerns raised by the complainant, AE has provided point-wise responses to the complainant on the concerns raised, stating the fairness and transparency followed by the NABCONS.

Status of addressing issues/complaints

Open: Problem Solving /Compliance Review - On receipt of the complaint, NABARD acknowledged the complaint and has initiated action by taking up the issue with the top management of NABCONS to conduct independent investigation of the grievance. After conducting an independent investigation, NABCONS has provided clarifications on the recruitment process against the grievance raised by the complainant. Based on this, AE has provided resolution to the complainant on 24 November 2022. In responses to the resolution provided, the complainant has raised further queries and the same is under review.

Based on GRM's own policies, provide information related to phase of complaint (for example: including but not limited to Open, Open: Under investigation, Open: Problem Solving/Compliance Review, Closed)

If you wish to share more details on the nature of grievances reported above, please download the Grievance Tracker template below and submit it as an attachment here.

In case you want to keep the file confidential, please choose your preference accordingly in Section 1.1.

Please click the link below to download the grievance tracker template for Section 4.1.6.

[Grievance tracker template](#)

4.2 Gender Action Plan

The project has been formulated by recognising that participation of women will have large bearing on the successful outcomes. The components of the projects are devised to ensure the active participation of women in the project activities thereby ensuring their mainstreaming. The project will contribute to the impacts of increased resilience and enhanced livelihoods of the most vulnerable women population. The project would lead to reduced drudgery, reduced time and labour in collection of drinking water, increase in time saving, increase in time spent on rest, recreation and learning activities, and; increased study and guidance time for children; better health outcome for family with a special focus on pregnant and lactating women due to improved water quality. Deployment of solar pumps would provide sustainable access to clean and non-polluting source of energy leading to energy, food and water security for the vulnerable female population of Odisha.

In order to ensure that the project interventions are gender-responsive and support gender equality and women's empowerment, a Gender Action Plan (GAP) was formulated. The GAP is aimed identify and address the gender-specific needs of communities and promote gender equality and women's empowerment. The GAP is devised to ensure improved and stable employment opportunities and health outcomes for the targeted female beneficiaries in the project area.

Presently, the project is on track to achieve/undertake the activities under Gender Action Plan submitted along with project proposal. Gender segregated reporting will be ensured once the baselien survey is completed and the revisedlogic framework is in place, which is expected in the next financial year.

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

Activity / Action	
Output 1: Rejuvenation/construction of 10,000 tanks with ground water recharge systems to ensure ground water conservation and reduce vulnerability in 15 water stressed districts of the state.	
Indicator	
Access of women to water sources	
Baseline	Target, including sex-disaggregation
Baseline will be established after baseline survey	100% access of women to water sources
Budget	Currency
	Please select
Report on annual progress	
Presently, baseline survey of 10,000 tanks is being undertaken. Water use groups of each tank are being mobilized and gender segregated data of the water use groups will be reported from next reporting period. Beneficiaries under the ground water sources are also being compiled from the baseline survey.	

Activity / Action	
Output 1: Rejuvenation/construction of 10,000 tanks with ground water recharge systems to ensure ground water conservation and reduce vulnerability in 15 water stressed districts of the state.	
Indicator	
Participation of poor Female Headed Households (FHH) in water user associations	
Baseline	Target, including sex-disaggregation
Baseline will be established after baseline survey	100% participation of FHH in water use associations
Budget	Currency
	Please select

Report on annual progress

Presently, baseline survey of 10,000 tanks is being undertaken. Water use groups of each tank are being mobilized and gender segregated data of the water use groups will be reported from next reporting period

Activity / Action

Output 1: Rejuvenation/construction of 10,000 tanks with ground water recharge systems to ensure ground water conservation and reduce vulnerability in 15 water stressed districts of the state.

Indicator

Public awareness programme for women implemented

Baseline

Baseline will be established after baseline survey

Target, including sex-disaggregation

100% participation of FHH in awareness programmes

Budget**Currency**

Please select

Report on annual progress

Presently, baseline survey of 10,000 tanks is being undertaken. Also, training need assessment is also being undertaken and gender sensitive trainings will be undertaken. Active participation of women members will be ensured in the trainings and other activities envisaged under the project.

Activity / Action

Output 2: Access to year – round water by 5.1 million vulnerable communities for household and agricultural purposes

Indicator

Needs for household use of water and impact on women estimated

Baseline

No estimation on household use of water and impact on women

Target, including sex-disaggregation

Assessment carried out for 100% female households

Budget**Currency**

Please select

Report on annual progress

Presently, baseline survey of 10,000 tanks is being undertaken. Though most of the survey is completed, compilation of data and other parameters will be carried out during the next reporting period and will be reported.

Activity / Action

Output 2: Access to year – round water by 5.1 million vulnerable communities for household and agricultural purposes

Indicator

Crop-water budgeting done including focus on crops that helps in female involvement

Baseline

Crop-water budgeting not in place

Target, including sex-disaggregation

Crop-water budgeting carried out in all 9 agro-climatic zones with focus on female involvement.

Budget**Currency**

Please select

Report on annual progress

Presently, baseline survey of 10,000 tanks is being undertaken. Also, crop water budgeting plan focusing women involvement for each agro-climatic zones are under preparation.

Activity / Action	
Output 2: Access to year – round water by 5.1 million vulnerable communities for household and agricultural purposes	
Indicator	
Guidance on water quality, health and nutrition provided through anganwadi centres by women para workers	
Baseline	Target, including sex-disaggregation
No guidance on Guidance on water quality, health and nutrition	100% coverage of anganwadi centres by women para workers
Budget	Currency
	Please select
Report on annual progress	
Presently, baseline survey of 10,000 tanks is being undertaken. This activity is yet to be taken up.	

Activity / Action	
Output 2: Access to year – round water by 5.1 million vulnerable communities for household and agricultural purposes	
Indicator	
Livelihood improvement plan prepared including female marginal workers	
Baseline	Target, including sex-disaggregation
No plan for livelihood improvement	A detailed plan for livelihood improvement prepared including female marginal workers
Budget	Currency
	Please select
Report on annual progress	
Presently, baseline survey of 10,000 tanks are being undertaken. Preparation of Livelihood management plan is under progress and expected to complete in the next reporting period.	

Activity / Action	
Output 3: 1000 solar pumps installed in pilot locations for demonstration in 15 districts	
Indicator	
Installation of 1000 solar pumping demonstration - increased access to water and energy	
Baseline	Target, including sex-disaggregation
No solar pumps installed	Increased access to water and energy to benefit 50% of female beneficiaries
Budget	Currency
	Please select
Report on annual progress	
Identification criteria for selection of 1000 solar pumps are yet to be taken up. Number of targeted women beneficiaries will be established after selection is completed based on the specific criteria, which will consider active involvement of women.	

Activity / Action
Output 3: 1000 solar pumps installed in pilot locations for demonstration in 15 districts

Indicator	
Women members trained in pilot locations on solar energy use, solar pump operation maintenance, etc.	
Baseline	Target, including sex-disaggregation
No training to women members on solar energy	500 women members in 1000 pilot locations trained on solar energy
Budget	Currency
	Please select
Report on annual progress	
This activity is yet to be taken up.	

Activity / Action	
Output 3: 1000 solar pumps installed in pilot locations for demonstration in 15 districts	
Indicator	
Interface meeting between women SHGs and vendors of solar panels to work out business modalities	
Baseline	Target, including sex-disaggregation
No interface meetings	100 SHGs in pilot locations 500 women are certified by the vendor for panel assembling, maintenance, etc.
Budget	Currency
	Please select
Report on annual progress	
Presently, selection criteria and procurement plans are under preparation. Interface meeting will be conducted with targeted women beneficiaries.	

Activity / Action	
Output 4: Capacity building plans implemented for livelihood support systems for water users and the landless in the tanks command area	
Indicator	
Training need assessment conducted	
Baseline	Target, including sex-disaggregation
No assessment of training needs	100% of the women SHGs and women headed enterprises will be covered for training need assessment.
Budget	Currency
	Please select
Report on annual progress	
Training need assessment is being undertaken along with the baseline survey which is under progress. Involvement of SHGs and women beneficiaries are being ensured in the process.	

Activity / Action	
Output 4: Capacity building plans implemented for livelihood support systems for water users and the landless in the tanks command area	
Indicator	
Capacity building program developed and implemented.	

Baseline No capacity building program developed.	Target, including sex-disaggregation Comprehensive capacity building plan with a clear focused chapter on gender
Budget 	Currency Please select
Report on annual progress This activity is yet to be taken up.	

Activity / Action Output 4: Capacity building plans implemented for livelihood support systems for water users and the landless in the tanks command area	
Indicator Training of village jalsathis to monitor water and energy use and document it for the project.	
Baseline No training to village jalsathis	Target, including sex-disaggregation At least 5000 women jalsathis trained and at least 50% of women SHGs in the tank command to covered.
Budget 	Currency Please select
Report on annual progress Identification of jalsathis is under progress. Targeted trainings will be undertaken	

Activity / Action Output 4: Capacity building plans implemented for livelihood support systems for water users and the landless in the tanks command area	
Indicator Training on water use for agricultural activities completed with gender focus for various government programme convergence	
Baseline No training on water use for agricultural activities	Target, including sex-disaggregation Out of total 300,000 trainees at least 30% would be women.
Budget 	Currency Please select
Report on annual progress No progress on this reporting period	

Activity / Action Output 4: Capacity building plans implemented for livelihood support systems for water users and the landless in the tanks command area	
Indicator Training on off farm initiatives completed with regard to fisheries and poultry	
Baseline No training on off farm initiatives	Target, including sex-disaggregation Out of total 150,000 trainees, at least 30% would be women and 100% of the SHGs in tank command area linked

Budget	Currency
<input type="text"/>	Please select
Report on annual progress	
No progress on this reporting period	

Activity / Action	
Output 4: Capacity building plans implemented for livelihood support systems for water users and the landless in the tanks command area	
Indicator	
Creation of linkage of FPOs with financial access and markets	
Baseline	Target, including sex-disaggregation
No linkage with FPOs	Gender focus to include more number of female farmers as members of FPOs
Budget	Currency
<input type="text"/>	Please select
Report on annual progress	
No progress on this reporting period	

Activity / Action	
Output 5: Quality monitoring system for ground water governance established	
Indicator	
Quality manual for water reflects women's issues on adaptation and mitigation measures	
Baseline	Target, including sex-disaggregation
No quality manual prepared	Quality manual prepared to integrate gender issues and mitigation measures
Budget	Currency
<input type="text"/>	Please select
Report on annual progress	
No progress on this reporting period	

Activity / Action	
Output 6: Knowledge management (institutional and regulatory) input provided for water and clean energy market development	
Indicator	
Successful enterprise case study of women entrepreneurs, issues of woman livelihood, health issues, nutrition and project impact on their lives to be captured in the document and widely disseminated	
Baseline	Target, including sex-disaggregation
No document prepared focusing on gender aspects	Process document, case study and policy brief prepared capturing gender aspect and widely disseminated
Budget	Currency
<input type="text"/>	Please select

Report on annual progress

No progress on this reporting period

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

During the next reporting period, the project will continue implementing the Environmental and Social Management Plan, stakeholder consultations, grievance redressal mechanism etc. The AE and EE will ensure that all the identified environmental and social risks will be closely monitored and adequate mitigation measures will be implemented. As per the monitoring and reporting plans stated in the ESMP, half yearly internal monitoring report will be prepared. Annual Environmental and Social Audit will also be conducted in the next reporting period.

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

During the next reporting period, the gender specific activities mentioned in the Gender Action Plan will be implemented and closely monitored for the compliance. With respect to the various physical activities planned for the next reporting period, the following gender specific parameters will be ensured. Major activities are listed below:

1. Rejuvenation and construction of 10,000 tanks with groundwater recharge system to ensure water conservation and reduce vulnerability in 15 water stressed districts of the state.

- Access of women to water sources will be ensured

- Participation of women and female headed households will be ensured in water use associations.

- Public awareness programme for women will be conducted

2. Access to year round water to vulnerable communities for household and agricultural purposes

- Baseline study will be completed and household water use levels will be assessed with special focus on women

- Guidance on water quality, health and nutrition will be provided to women

3. Capacity Building plans

- Training need assessment will be completed with special focus to women

- Capacity building program will be developed and implemented focusing women

- Women jalsathis identified and trained

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.

APR CY2022 Section 5: Annexes and Attachments - v4 2023-09-18 18:49 +09:00

[APR CY2022] Section 5: Annexes and Attachments

Please note that this is section 5 of the five Annual Performance Report (APR) sections. APR will be considered valid only after all the five sections are filled with relevant details.

Annex 1: 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.

Procurement information (on a voluntary basis)

Please download the procurement information template available in Excel below.

[Procurement information template](#)

Please attach the procurement information here.

Please provide information on goods and services procured under GCF-funded projects/programmes. The information is being collected to increase transparency of activities undertaken with GCF resources. This exercise does not imply or require any change in the procurement processes already agreed with the GCF and is purely for information purposes. Please provide information on cumulative procurement activities undertaken in each project/programme funded by the GCF.

Attachments

Please submit any attachments (if any).

[FP045_APR2022_Section 3 Comments Rev01.xlsx](#)

[FP045_APR2022_Section 3 Rev01_new format.xlsx](#)

[FP045_APR2022_Section 3 Comments Rev02.xlsx](#)

[FP045_APR2022_Section 3 Rev02_new format.xlsx](#)

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.