



REPOBLIKAN'I MADAGASIKARA
Fitiavana - Tanindrazana - Fandrosoana



MINISTRY OF WATER, SANITATION AND HYGIENE
JIRAMA

MADAGASCAR NATIONAL WATER PROJECT
(P174477)

ENVIRONMENTAL AND SOCIAL COMMITMENT PLAN (ESCP)

DRAFT FOR NEGOTIATION

February **XX**, 2022

ENVIRONMENTAL AND SOCIAL COMMITMENT PLAN

1. The Government of Madagascar (the Recipient) will implement the Madagascar National Water Project (the Project) with the involvement of the following ministries/organizations/units including (but not limited to): The Ministry of Water, Sanitation and Hygiene (MWSH), JIRAMA, the Ministry of Economy and Finance, the JIRAMA-Project Implementation Unit (JIRAMA-PIU), the MEAH-Project Implementation Unit (MEAH-PIU), and with the collaboration of the Ministry in charge of National Education, the Ministry of Public Health, the Ministry of Labor, Employment, Civil Service and Social Laws, the Ministry of Land Management and Land Services, the Ministry of Population, Social Protection and Women's Promotion. The International Development Association (the Association) has agreed to finance the Project.
2. The Recipient will implement material measures and actions so that the Project is implemented in accordance with the Environmental and Social Standards (ESSs). This Environmental and Social Commitment Plan (ESCP) sets out material measures and actions, any specific documents, or plans, as well as the timing for each of these.
3. The Recipient will also comply with the provisions of any other environmental and social (E&S) documents required under the Environmental and Social Framework (ESF) and referred to in this ESCP, such as the Environmental and Social Management Framework (ESMF), the Resettlement Framework (RF), the Resettlement Plans (RPs), the Stakeholder Engagement Plan (SEP), the Labor Management Procedures (LMP), and the Gender Based Violence-Sexual Exploitation Abuse-Sexual harassment Action Plan (GB)V/EAS-HS Action Plan, as well as the timeframes specified in those E&S documents.
4. The Recipient is responsible for compliance with all the requirements of the ESCP, even when implementation of specific measures and actions is conducted by the Ministries, the entities or units referenced in paragraph 1. above.
5. Implementation of the material measures and actions set out in this ESCP will be monitored and reported by the Recipient to the Association as required by the ESCP and the conditions of the legal agreement, and the Association will monitor and assess progress and completion of these material measures and actions throughout the implementation of the Project.
6. As agreed between the Association and the Recipient, through the Project Steering Committee, this ESCP may be revised from time to time during the implementation of the Project, to reflect the adaptive management of Project changes and unforeseen circumstances or in response to an assessment of the performance of the Project conducted under the ESCP itself. In such circumstances, the Recipient will agree to the changes with the Association and will update the ESCP to reflect such changes. Agreement on changes to the ESCP will be documented through an exchange of letters signed between the Association and the Recipient, through the Project Steering Committee. The Recipient will promptly disclose the updated ESCP.
7. Where Project changes, unforeseen circumstances, or Project performance result in changes to the risks and impacts during the implementation of the Project, the Recipient shall provide additional funds, if needs, to implement actions and measures to address such risks and impacts, which may include pollution caused by traffic, irrational water resource management, waste accumulation, traffic and labor risks, social conflict risks, Gender-Based Violence (GBV) and Violence against Children as well as Sexual Exploitation, Abuse and Sexual Harassment, child labor and forced labor, and loss of business due to restricted movement or access to land and loss of land due to land acquisition for new infrastructure construction.

	MATERIAL MEASURES AND ACTIONS TO BE IMPLEMENTED	Timeframe	Responsible Entities/Authorities
ESCP MONITORING AND REPORTING			
A	<p>REGULAR REPORTS</p> <p>(1) Prepare and submit to the Association regular monitoring reports on the (i) environmental, social, health and safety (ESHS) performance of the Project, including but not limited to the implementation of the (ii) ESCP, (iii) status of preparation and implementation of E&S documents required under the ESCP, (iv) Stakeholder Engagement activities, (v) GBV Action Plan, and (vi) Labor Management Procedures, and (vii) functioning of the grievance mechanisms(s).</p>	<p><i>Submit reports to the Association every three months during Project implementation, starting six months after the Effective Date.</i></p>	<p>Responsible Entities : MEAH-PIU and JIRAMA-PIU</p> <p>Persons/Authorities in Charge : Coordinator of the MEAH PIU in collaboration with the Environmental and Social specialist JIRAMA PIU Coordinator</p>
	<p>(2) Ensure the compliance of the environmental and social monitoring records (daily recording, indicator monitoring sheet), prepare and submit to the Association periodic reports on the environmental and social monitoring</p>	<ul style="list-style-type: none"> - <i>Compliance of the surveillance log from the date of the start of the works after obtaining the Environmental Specifications.</i> - <i>Semi-annual / annual report to submit at the same time as the Environmental and social performance reports.</i> - <i>Actions to be continued during the implementation of the project and its activities.</i> 	<p>Responsible entity : MEAH-PIU and JIRAMA-PIU</p> <p>Responsible Persons / Authorities: MEAH PIU Coordinator JIRAMA PIU Coordinator Project Environmental specialist, the Social specialist, and the Project GBV/SEA-SH specialist.</p>
B	<p>INCIDENTS AND ACCIDENTS</p> <p>Promptly notify the Association of any incident or accident related to the Project which has, or is likely to have, a significant adverse effect on the environment, the affected communities, the public or workers, including, but not limited to, any allegations of gender-based violence and/or sexual exploitation, abuse, and harassment (GBV/SEA-HS), project-related workplace accidents or fatalities, worker strikes, and social unrest.</p> <p>Provide if needed sufficient details regarding the incident or accident, indicating immediate measures taken or that are planned to be taken to address it, and any information provided by any contractor and supervising entity, as appropriate. Subsequently as per the Association's request, prepare a report on the incident or accident and propose any measures to prevent its recurrence.</p>	<p><i>Notify the Association within 48 hours after learning of the incident or accident</i></p> <p><i>Subsequent report shall be provided, as requested, within the time frame specified by the Association.</i></p>	<p>Responsible Entities : MEAH-PIU and JIRAMA-PIU</p> <p>Persons/Authorities in Charge : MEAH PIU Coordinator JIRAMA PIU Coordinator</p>

	MATERIAL MEASURES AND ACTIONS TO BE IMPLEMENTED	Timeframe	Responsible Entities/Authorities
C	<p>MONTHLY CONTRACTORS' REPORTS Transmit to the Bank monthly E&S reports received from Contractors upon Association's request.</p>	<p><i>Contractor Monthly Reports submitted to the Association upon request</i></p>	<p>Responsible Entities : MEAH-PIU and JIRAMA-PIU</p> <p>Persons/Authorities in Charge : MEAH PIU Coordinator JIRAMA PIU Coordinator in collaboration with the Environmental Manager and the Social Specialist of each PIU</p>
ESS1: ENVIRONMENTAL AND SOCIAL RISK ASSESSMENT AND MANAGEMENT			
1.1	<p>ORGANIZATIONAL STRUCTURE (1) Establish and maintain an organizational structure with qualified staff and resources to support management of E&S of the Project. This shall include the Project Implementation Unit (PIU) within MEAH for subcomponent 2.4 and 3.1, and JIRAMA PIU for Component 1, Subcomponents 2.1, 2.2. and 2.3, and Subcomponents 3.2 and 3.4, which will include each an Environmental specialist, a Social specialist and a GBV/SEA-SH specialist. They shall be hired and maintained on the basis of terms of reference, qualifications and experience acceptable to the Association. They shall ensure the application of the provisions of this ESCP and all E&S documents prepared within the framework of the project.</p> <p>(2) As necessary for the sound E&S management of the Project, mobilize additional necessary staff (consultants) who will be in charge of E&S aspects for short- or long-term assignments in accordance with the assessment or institutional needs.</p>	<p><i>The recruitment of one environmental specialist and one social specialist, one GBV specialist by JIRAMA PIU and one environmental specialist and the social specialist by MEAH. These E&S staffs shall be completed no later than 02 months after the project's effective date.</i></p> <p><i>Additional staff shall be hired prior to the launch of the activities whose E&S aspects will be managed by the new staff.</i></p> <p><i>The organizational structure to support environmental and social risk management shall be maintained throughout project implementation</i></p>	<p>Responsible Entities : MEAH-PIU and JIRAMA-PIU</p> <p>Persons/Authorities in Charge : MEAH-PIU Coordinator JIRAMA-PIU Coordinator MEAH Human resources Officer MEAH Procurement Officers</p>

	MATERIAL MEASURES AND ACTIONS TO BE IMPLEMENTED	Timeframe	Responsible Entities/Authorities
1.2	<p>ENVIRONMENTAL AND SOCIAL ASSESSMENT</p> <p>(1) An ESMF including among others risks of social exclusion consideration has been prepared by the project. Disclose, consult upon, update as necessary, submit for approval, adopt, re-disclose and thereafter implement the ESMF consistent with the ESSs and in a manner acceptable to the Association.</p>	<p><i>The ESMF disclosed on February 18th, 2022. Once approved, the ESMF shall be implemented throughout the implementation of the Project.</i></p> <p><i>Any subsequent updates to the ESMF shall be submitted to the Association for approval prior to implementation</i></p>	<p>Responsible Entities : MEAH Project Implementation Unit JIRAMA Project Implementation Unit</p> <p>Persons/Authorities in Charge : - MEAH PIU Coordinator - JIRAMA PIU Coordinator - Project E&S Specialists</p>
	<p>(2) Review and conduct an E&S screening of any proposed sub-project in compliance with the Environmental and Social Management Framework (ESMF) prepared for the Project, and thereafter develop, adopt and implement the sub-project's Environmental and Social Management Plan (ESMP), as required by the ESMF, in a manner acceptable to the Association. Update, consult upon, disclose and implement E&S screening instruments, prior to issuing the bidding documents.</p>	<p><i>The ESMPs shall be submitted to the Association for approval prior to the initiation of the bidding process for the relevant sub-projects. The approved ESMPs shall be executed throughout the implementation of the relevant sub-projects.</i></p>	<p>Responsible Entities : - MEAH PIU - JIRAMA PIU</p> <p>Persons/Authorities in Charge : - MEAH PIU Coordinator - JIRAMA PIU Coordinator - Project E&S Specialists within the MEAH PUI and JIRAMA PIU.</p>
	<p>(3) Carry out specific environmental and social studies for all sub-projects, including among others Environmental and Social Impact Assessments (ESIA), and Environmental and Social Management Plans (ESMP) in accordance with the ESMF,</p> <p>:</p> <ul style="list-style-type: none"> - Strategic Environmental and Social Assessment (SESA) for Hydraulic Master Plan in Antananarivo. - Environmental and Social Management Plan (ESMP) for Component 1 - Environmental and Social Management Plan (ESMP) for Component 2 	<p><i>The specific ESIs required shall be completed and any risk management plans identified shall be prepared prior to implementation of the selected subprojects and implemented throughout the life of the Project</i></p> <p><i>The SESA, ESMPs shall be submitted to the Association for approval prior to the initiation of the bidding process for the relevant sub-projects. The approved ESMPs will be executed throughout the implementation of the relevant sub-projects.</i></p>	<p>Responsible Entities : - MEAH PIU - JIRAMA PIU</p> <p>Persons/Authorities in Charge : - MEAH PIU Coordinator - JIRAMA PIU Coordinator - Project E&S Specialists within the MEAH PUI and JIRAMA PIU.</p>

	MATERIAL MEASURES AND ACTIONS TO BE IMPLEMENTED	<i>Timeframe</i>	<i>Responsible Entities/Authorities</i>
	(4) Ensure that all technical assistance, including (i) feasibility studies, (ii) strategic studies, and (iii) capacity building assessments, (iv) related ToRs and (v) programs, are consistent with the ESSs.	4. Before the start of the civil works.	Responsible Entities : - MEAH PIU - JIRAMA PIU Persons/Authorities in Charge : - MEAH PIU Coordinator - JIRAMA PIU Coordinator - Project E&S Specialists within the MEAH PUI and JIRAMA PIU.
	(5) Ensure that permits and environmental specifications are obtained for the Project, including any sub-projects. Thereafter, ensure compliance with those permits and specifications throughout implementation of the corresponding activity.	5. No later than 06 months after submission of ESIA reports, already cleared by the Association to National Office of Environment (NOE) -	Responsible Entities : - MEAH PIU - JIRAMA PIU Persons/Authorities in Charge : - MEAH PIU Coordinator - JIRAMA PIU Coordinator - Project E&S Specialists within the MEAH PUI and JIRAMA PIU.
1.3.	MANAGEMENT TOOLS AND INSTRUMENTS Develop, and update if necessary, a section regarding "Environmental and social risk management measures" in the Project Implementation Manual (PIM).	<i>At the latest 3 months after the Effective Date</i>	Responsible Entities: - MEAH PIU - JIRAMA PIU Persons/Authorities in Charge : - MEAH PIU Coordinator - Project E&S Specialists within the 2 PIUs
1.4	MANAGEMENT OF CONTRACTORS (1) Incorporate the relevant E&S aspects of the ESCP, and relevant environmental and social documents and/or plans, as well as Labor Management Procedures, into the ESHS specifications of the bidding documents issued to contractors. Then ensure that contractors comply with the ESHS specifications in their respective contracts.	<i>During the preparation of the ToRs, and procurement document throughout the execution of the Project</i>	Responsible Entities: - MEAH PIU - JIRAMA PIU Persons/Authorities in Charge : - MEAH PIU Coordinator - JIRAMA PIU Coordinator - Procurement Specialist - E&S Specialists

	MATERIAL MEASURES AND ACTIONS TO BE IMPLEMENTED	<i>Timeframe</i>	<i>Responsible Entities/Authorities</i>
	(2) Develop, submit for approval and implement the following procedures applicable to contractors, subcontractors and control firm: Contractor-ESMP (C-ESMP) – work site, Hygiene, Health, Safety and Environment Plan (HSEP), Environmental and Social Clauses, Codes of Conduct, Grievance Mechanism, Social Commitments on Child Labor and other elements provided for in the GBV/EAS-HS Action Plan	<i>Application of these measures throughout the implementation period of the Project</i>	Responsible Entities: - JIRAMA PIU Persons/Authorities in Charge : - JIRAMA PIU Coordinator - Procurement Specialist - E&S Specialists
1.5	CONTINGENT EMERGENCY RESPONSE COMPONENT 1) Adopt the manual and, if applicable, other relevant ESHS documents in form and substance acceptable to the Association to ensure that the CERC Manual as specified the Financing Agreement includes the results of the ESHS assessment and management arrangements and required management instruments for CERC activities. 2) Prepare, disclose, consult, and adopt any environmental and social (E&S) management plans or instruments which may be required for activities under CERC component of the Project, in accordance with CERC Manual and, if applicable, CERC-ESMF	1) As a condition of withdrawal of funds under the CERC under Section III.B. of Schedule 2 of the Financing Agreement for the Project. 2) The E&S management plans or instruments shall be prepared, disclosed, consulted, and thereafter adopted before the carrying out of the relevant Project activities under CERC component. The E&S management plans or instruments shall be implemented in accordance with their terms, throughout Project implementation.	MEAH-PIU
ESS2: LABOR AND WORKING CONDITIONS			
2.1	LABOR MANAGEMENT PROCEDURES (1) LMP has been prepared for the Project (including the Codes of Conduct establishing clauses and sanctions against GBV/SEA/SH acts required for all project workers namely Project Implementation Unit, contractors and subcontractors and their workers). Consistent with ESS2, finalize, adopt, update if necessary and disclose the LMP that have been developed for the Project. Implement the LMP in a manner acceptable for the Association and consistent with ESS2.	<i>LMP disclosed on February 18th, 2022. Once approved, apply it throughout the Project implementation. Any subsequent updates to the LMP shall be submitted to the Association for approval prior to implementation.</i>	Responsible Entities: MEAH PIU Persons/Authorities in Charge : - MEAH PIU Coordinator - Project E&S Specialists

	MATERIAL MEASURES AND ACTIONS TO BE IMPLEMENTED	<i>Timeframe</i>	<i>Responsible Entities/Authorities</i>
	(2) Ensure the signing of contracts, including the code of conduct, with all Direct Workers, contracted workers, and primary supply workers in accordance with the LMP.	<i>Prior engaging any Project workers. Before the start of service for the project staff and to be maintained throughout the implementation of the project.</i>	Responsible Entities: - JIRAMA PIU - MEAH PIU Persons/Authorities in Charge : - Coordinator of the JIRAMA PIU/ MEAH PIU - Resource person from the Contractors and his subcontractors - Procurement Specialist - E&S Specialists
	(3) Ensure the signing of contracts and the code of conduct by the Contractors in accordance with the LMP.	Prior to engaging firms and subcontractors for the Project	Responsible Entities: - JIRAMA PIU - MEAH PIU - Contractors in charge of the works and the subcontractors of the Project Persons/Authorities in Charge : - Coordinator of the JIRAMA PIU/ MEAH PIU - Project E&S specialists within the JIRAMA PIU/ MEAH PIU - Specialist in GBV - E&S resource persons from JIRAMA/Contractors

	MATERIAL MEASURES AND ACTIONS TO BE IMPLEMENTED	<i>Timeframe</i>	<i>Responsible Entities/Authorities</i>
2.2	<p>GRIEVANCE MECHANISM FOR PROJECT WORKERS Establish, maintain, and operate a Grievance mechanism (GM) for any Project-related labor and employment issue (including SEA/SH), easily accessible to Project workers as described in the LMP, in line with ESS2 and national labor laws.</p>	<p><i>GM shall be put in place prior to the recruitment of Project workers and implemented throughout the project implementation period</i></p>	<p>Responsible Entities: - JIRAMA PIU - MEAH PIU - Contractors in charge of the works and the subcontractors of the Project</p> <p>Persons/Authorities in Charge : - Coordinator of the PIUs - Project E&S specialists within the JIRAMA PIU and MEAH-PIU - GBV Specialist - E&S resource persons from JIRAMA/Contractors</p>
2.3	<p>OCCUPATIONAL HEALTH AND SAFETY (OHS) MEASURES (1) Integrate into the Project Operations manual and all contracts signed, including for PIU workers, the measures relating to occupational health and safety contained in ESS2 and, as applicable, the labor code and related national regulations in force, and as spelled out in the LMP.</p> <p>(2) Consistent with ESS2, develop a section on emergency response management in the Project Operations Manual, and ensure that Contractors and/or subcontractors prepare and implement an emergency preparedness and response plan, and coordinate with related measures</p> <p>(3) Consistent with ESS2, develop a personnel safety protocol for working in high-risk security areas.</p>	<p><i>Implementation manual to be developed and submitted to the Association for validation prior to the effective date of the project.</i></p> <p><i>Any subsequent updates to this Project Operations manual shall be submitted to the Association for approval prior to implementation. Once approved, the manual shall be maintained and implemented throughout the execution of the project.</i></p>	<p>Responsible Entities: - MEAH PIU - JIRAMA PIU - Contractors in charge of the works and the subcontractors of the Project</p> <p>Persons/Authorities in Charge : - Coordinator of the PIU - Project E&S specialists within the JIRAMA PIU - Specialist in GBV - E&S resource persons from JIRAMA/Contractors</p>

	MATERIAL MEASURES AND ACTIONS TO BE IMPLEMENTED	Timeframe	Responsible Entities/Authorities
	(4) Develop, adopt, and implement specific provisions for pandemic health barrier measures such as COVID-19 for Project workers, to be developed under the ESMF and include these measures in the LMP and relevant ESIA/ESMPs in a manner satisfactory to the Association.	<i>At the start of the activities and throughout the implementation of the Project as long as the Covid-19 pandemic persists.</i>	Responsible Entities: <ul style="list-style-type: none"> - MEAH PIU - JIRAMA PIU - Contractors in charge of the works Persons/Authorities in Charge : <ul style="list-style-type: none"> - Coordinator of MEAH PIU - Coordinator of the JIRAMA PIU - Project E&S Specialists within MEAH and JIRAMA - JIRAMA/enterprise E&S resource persons
ESS 3: RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT			
3.1	WASTE MANAGEMENT Prepare, disclose, consult upon, adopt and thereafter implement specific ESMPs, which include Construction Waste Management Plans, to minimize adverse impacts of the Project on the environment and natural resources in accordance with ESS 3. The plans shall comply with best practice principles - avoidance, reuse and recycling options are to be preferred, where feasible, to disposal. Resource efficiency must be a specific component of the plans.	<i>The ESMPs, including Construction Waste Management Plans, shall be developed, submitted to the Association for approval before the start of the relevant civil works and implemented throughout the project.</i> <i>Any subsequent updates to the ESMPs must be submitted to the Association for approval before implementation. Once approved, the ESMPs are to be implemented throughout the life of the project.</i>	Responsible Entities: <ul style="list-style-type: none"> - MEAH PIU - JIRAMA PIU - Contractors in charge of the works - Consultants and service providers Persons/Authorities in Charge : <ul style="list-style-type: none"> - JIRAMA PIU Coordinator - Project E&S Specialists - JIRAMA/Contractor/provider (E&S) resource persons
3.2	RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT Prepare, disclose, consult upon, adopt and thereafter implement specific ESMPs for subprojects with high pollution risks, incorporating specific pollution prevention and management measures in accordance with the measures described in the ESMF.	<i>As soon as the environmental and social assessment of an activity or subproject identifies a significant pollution risk. All ESMPs shall be approved by the Association and disseminated at the national level and on the Association's website.</i> <i>Clearance of the ESMPs shall be a prerequisite for the initiation of bidding process for relevant subprojects</i>	Responsible Entities: <ul style="list-style-type: none"> - JIRAMA PIU - Contractors in charge of the works - Consultants and service providers Persons/Authorities in Charge : <ul style="list-style-type: none"> - JIRAMA PIU Coordinator - Project E&S Specialists - JIRAMA/Contractor/provider (E&S) resource persons

	MATERIAL MEASURES AND ACTIONS TO BE IMPLEMENTED	<i>Timeframe</i>	<i>Responsible Entities/Authorities</i>
3.3	<p>RATIONAL MANAGEMENT OF WATER RESOURCES Develop and implement individual ESMPs incorporating specific water efficiency measures in accordance with the measures described in the ESMF as well as the prevention and management of pollution for the entire Project.</p>	<p><i>Same timeline as for the preparation, clearance, disclosure and implementation of ESMPs</i></p>	<p>Responsible Entities:</p> <ul style="list-style-type: none"> - MEAH PIU - JIRAMA PIU - Contractors and Subcontractors in charge of the works - Consultants and service providers <p>Persons/Authorities in Charge :</p> <ul style="list-style-type: none"> - JIRAMA PIU Coordinator - Project E&S Specialists - JIRAMA/Contractor/provider (E&S) resource persons
ESS 4: COMMUNITY HEALTH AND SAFETY			
4.1	<p>TRAFFIC AND ROAD SAFETY Prepare, consult upon, adopt, disclose and subsequently implement measures and actions to assess and manage traffic-related risks such as transportation equipment during construction/rehabilitation of various infrastructures, and include these measures in the ESMPs to be developed and implemented to the satisfaction of the Association.</p>	<p><i>Prepare prior to the start of project activities and monitor compliance throughout project implementation.</i></p>	<p>Responsible Entities:</p> <ul style="list-style-type: none"> - MEAH PIU - JIRAMA PIU - Contractors in charge of the works - Mission of Control <p>Persons/Authorities in Charge :</p> <ul style="list-style-type: none"> - JIRAMA PIU Coordinator - Project E&S Specialists - JIRAMA/Contractor/provider (E&S) resource persons
4.2	<p>COMMUNITY HEALTH AND SAFETY (1) Develop, adopt, and implement measures and actions to assess and manage the potential risks and impacts of Project activities on local populations, such as Project worker behavior, labor influx, GBV-SEA/SH risks, judged relevant personnel security risks, and emergency response, and include these measures in the ESMPs to be developed under the ESMF in a manner satisfactory to the Association.</p>	<p><i>Prior to start of the relevant activities and throughout the implementation of the Project.</i></p>	<p>Responsible Entities:</p> <ul style="list-style-type: none"> - JIRAMA PIU - Contractors in charge of the works - Mission of Control <p>Persons/Authorities in Charge :</p> <ul style="list-style-type: none"> - JIRAMA PIU Coordinator - Project E&S Specialists - JIRAMA/Contractor/provider (E&S) resource persons

	MATERIAL MEASURES AND ACTIONS TO BE IMPLEMENTED	Timeframe	Responsible Entities/Authorities
	(2) Develop, adopt, and implement specific provisions for pandemic health barrier measures such as COVID-19 for local populations in the face of Project labor influx, and include these measures in the ESMPs to be developed and satisfactorily implemented	<i>Prior to start of the relevant activities and thereafter maintained throughout the implementation of the Project.</i>	Responsible Entities: <ul style="list-style-type: none"> - JIRAMA PIU - Contractors in charge of the works - Mission of Control Persons/Authorities in Charge : <ul style="list-style-type: none"> - JIRAMA PIU Coordinator - Project E&S Specialists - JIRAMA/Contractor/provider (E&S) resource persons
	(3) As part of the Environmental and Social Assessment, the borrower shall conduct a Risk Hazard Assessment (RHA) for the activities that have the potential to generate emergency events. Based on the results of the RHA, the Borrower shall prepare an Emergency Response Plan (ERP) in coordination with the relevant local authorities and the affected community	<i>Prior to start of the relevant activities and thereafter maintained throughout the implementation of the Project.</i>	Responsible Entities: <ul style="list-style-type: none"> - JIRAMA PIU - Contractors in charge of the works - Mission of Control Persons/Authorities in Charge : <ul style="list-style-type: none"> - JIRAMA PIU Coordinator - Project E&S Specialists - JIRAMA/Contractor/provider (E&S) resource persons
4.3	GBV AND SEA RISKS DURING PROJECT IMPLEMENTATION (1) Develop, adopt, and implement a GBV/SEA-SH Action Plan for the project as part as the ESMF, in accordance with ESS4, relevant World Bank guidelines and national legislation on GBV. (2) Ensure that codes of conduct and GBV/SEA-SH prevention measures are integrated into all contractual and procurement documents (ToRs, DAOs, workers' contracts).	<i>GBV/SEA-SH action plan to be finalized and submitted to the Association for approval no later than two months after effective date. Once approved, it shall be applied and maintained throughout the implementation of the project.</i> <i>Any subsequent updates to this GBV/SEA-SH Action Plan shall be submitted to the Association for approval before implementation. Once approved, the GBV/SEA-SH Action Plan must be implemented throughout the project.</i>	Responsible Entities: <ul style="list-style-type: none"> - MEAH PIU - JIRAMA PIU - Contractors in charge of the works (for activity ii) Persons/Authorities in Charge : <ul style="list-style-type: none"> - MEAH PIU Coordinator - JIRAMA PIU Coordinator - Project E&S specialists - Project GBV specialist - E&S resource persons from JIRAMA / the Contractor

	MATERIAL MEASURES AND ACTIONS TO BE IMPLEMENTED	Timeframe	Responsible Entities/Authorities
4,4,	<p>SECURITY RISK MANAGEMENT AND INVOLVEMENT OF SECURITY PERSONNEL:</p> <p>(1) Carry out a specific Security Risk Assessment (SRA) for the Project locations and thereafter prepare, adopt, and implement a Security Management Plan (SMP) based on the outcome of the SRS consistent with the requirements of ESS1 and ESS4 as part of the ESIA to be developed for the project, all in a manner acceptable to the Association.</p> <p>(2) Security personnel shall be recruited throughout Project implementation through a contract with private security firms or Recipient's military or other security actors may be engaged. When private security personnel is engaged to Project workers, sites, assets, and activities, the Recipient shall ensure that, contractors that need to rely on security services for their personnel and property adopt and implement relevant measures in accordance with the measures specified in the ESIA and SMP and in their respective contracts, guided by the principles of proportionality and GIIP, and by applicable law, in relation to hiring, rules of conduct, training, equipping, and monitoring of such personnel, all consistent with ESS4.</p> <p>The Recipient shall:</p> <p>(a) Assess the risks and impacts of engagement of the security or military personnel, and implement measures to manage such risks and impacts, as reflected in the ESIA and SMP, guided by the principles of proportionality and GIIP, and by applicable law, in relation to hiring, rules of conduct, training, equipping, and monitoring of such personnel.</p> <p>(b) Adopt and enforce standards, protocols and codes of conduct for the selection and use of security personnel, and screen such personnel to verify that they have not engaged in past unlawful or abusive behavior, including SEA/SH or excessive use of force and exclude any individuals who have perpetrated any such abuse;</p> <p>(c) Ensure that such personnel is adequately instructed and trained prior to deployment and on a regular basis, on the use of force and appropriate conduct, as set out in the ESIA and SMP, all satisfactory to the Association;</p> <p>(d) Ensure that the stakeholder engagement activities under the Stakeholder Engagement Plan (SEP) include a communication strategy on the involvement of security or military personnel under the Project;</p> <p>(e) Ensure that any concerns or grievances regarding the conduct of security or military personnel are received, monitored, documented (taking into account the need to protect confidentiality), resolved through the Project's grievance mechanism (see action 10.2 below) and reported to the Association not later than 07 days after being received;</p>	<p><i>(1): SMP is part of ESIA and shall be prepared, submitted to the Association for prior review and approval, adopted and a summary/description of the SMP shall be disclosed by with the same timeline for the preparation of each ESIA.</i></p> <p><i>(2): (a), (b), and (c) - Prior to engaging security personnel and thereafter implemented throughout Project implementation; (d) and (e) as set out under actions 10.1 and 10.2 respectively; and within the timeframes requested by the Association</i></p>	<p>Responsible Entities:</p> <ul style="list-style-type: none"> - MEAH PIU - JIRAMA PIU - Contractors in charge of the works (for activity ii) <p>Persons/Authorities in Charge :</p> <ul style="list-style-type: none"> - MEAH PIU Coordinator - JIRAMA PIU Coordinator - Project E&S specialists - E&S resource persons from JIRAMA / the Contractor

	MATERIAL MEASURES AND ACTIONS TO BE IMPLEMENTED	Timeframe	Responsible Entities/Authorities
4.5.	DAM SAFETY Implement any measures identified in the action plan expected to result from the dam assessment currently underway	Start after receiving the report related Dam assessment.	Responsible Entities: - JIRAMA PIU Persons/Authorities in Charge : - JIRAMA PIU Coordinator - Project E&S Specialists
ESS 5: LAND ACQUISITION, RESTRICTIONS ON LAND USE AND INVOLUNTARY RESETTLEMENT			
5.1	RESETTLEMENT PLANS (1) A Resettlement Framework (RF) has been prepared for the project. Update as necessary, submit for approval, adopt, re-disclose, and thereafter implement the RF in accordance with the provisions of ESS 5, and in a manner acceptable to the Association.	<i>The RF disclosed on February 18th, 2022. Once approved, it shall be applied and maintained throughout the implementation of the project.</i> <i>Any subsequent updates to the RF shall be submitted to the Association for approval before implementation.</i>	Responsible Entities: - MEAH PIU Persons/Authorities in Charge : - MEAH PIU Coordinator - Project E&S Specialists
	(2) Prepare, adopt and implement, as necessary, individual Resettlement Plans (RPs) in accordance with the requirements of the Resettlement Framework (RF) and ESS 5, and in a manner acceptable to the Association.	<i>As soon as the social screening/assessment of an activity or sub-project indicates the need for land acquisition and/or involuntary resettlement.</i> <i>All RPs must be approved by the Association and disseminated locally, nationally, and on the Association's website prior to implementation of activities. Each RP must be implemented in full before the start of any corresponding work that may lead to resettlement or land acquisition</i>	Responsible Entities: - MEAH PIU - JIRAMA PIU Persons/Authorities in Charge : - MEAH PIU Coordinator - JIRAMA PIU Coordinator - Project E&S Specialists

	MATERIAL MEASURES AND ACTIONS TO BE IMPLEMENTED	Timeframe	Responsible Entities/Authorities
	(3) Develop implementation reports for any RPs. These reports shall be submitted to the Association for approval prior to the start of the work (e.g. construction of new stations and related activities, new reservoirs, etc.).	(i) <i>Monthly progress report of the RP prior first week of the next month,</i> (ii) <i>Completion Report with attached evidence must be sent to the Bank before the end of the relevant RP</i>	Responsible Entities: - MEAH PIU - JIRAMA PIU Persons/Authorities in Charge : - MEAH PIU Coordinator - JIRAMA PIU Technical Specialists
5.2.	SECURING OF FUNDS FOR COMPENSATION (1) Inclusion of compensation amounts in Finance laws. (2) The resettlement cost will be supported by the project fund. However, the government shall ensure the opening of a resettlement dedicated account and that this account will be supplied with a minimum of a provision corresponding to the half of compensation as defined in the Resettlement Framework, to enable sufficient availability of funds to start payment of compensations. As soon as the final cost of compensations is known, once the different Resettlement Plans are elaborated, the corresponding amount will be fully supplied in this dedicated account to ensure that any financial compensation due to the affected people is paid before the start of each work requiring land acquisition, resettlement or access restrictions. (3) In the event that exceptional difficulties are encountered related to the payment of PAPs for the reasons spelled out in ESS5, ensure that the compensation of PAPs are placed in a secure, interest-bearing escrow account before the start of work requiring land acquisition, reinstallation or access restrictions, all in a manner acceptable to the Association.	(1) During the preparation of Finance Laws, and funds should be available in a dedicated account before the start of the work; (2) The dedicated account for resettlement, shall be available within six months (06) of project effectiveness. (3) Opening and funding of an escrow account, if necessary and approved by the Association, shall set up at the beginning of work requiring securing funds, to be left open for a period acceptable to the Association	Responsible Entities: - Ministry of Finance - MEAH PIU - JIRAMA PIU
5.3	GRIEVANCE MECHANISM An overall GM is developed for the project as a whole as spelled out in the ESMF, RF, and SEP. However, when developing any RP, ensure that this GM is adapted to be proportional to the scope and the location of the corresponding resettlement activity.	Before the start of resettlement activities and before the start of work.	Responsible Entities: - MEAH PIU - JIRAMA PIU Persons/Authorities in Charge : - MEAH PIU Coordinator - JIRAMA PIU Coordinator - Project E&S Specialists

	MATERIAL MEASURES AND ACTIONS TO BE IMPLEMENTED	Timeframe	Responsible Entities/Authorities
ESS6. BIODIVERSITY CONSERVATION AND SUSTAINABLE MANAGEMENT OF LIVING NATURAL RESOURCES			
6.1	<p>BIODIVERSITY RISKS AND IMPACTS Borrower will carry out an ESIA/ESMP for the WTP in accordance with requirements of ESS6 during project preparation and implementation. The risks and impacts on biodiversity and aquatic ecosystem related to the WTP will be assessed as part of WTP ESIA process and this ESIA will include measures to avoid, mitigate, minimize or compensate for the disturbance or negative biological impacts through the siting of the works, engineering design or construction practices.</p>	<p><i>Prior to any disturbance of the site concerned. Once validated, the ESIA/ESMP thus established will be applied throughout the implementation of the project activity.</i></p>	<p>Responsible Entities: - JIRAMA PIU - Contractors or subcontractors</p> <p>Persons/Authorities in Charge : - JIRAMA PIU Coordinator - Project E&S Specialists - Contractor E&S resource persons</p>
6.2	<p>RISKS AND IMPACTS ON NATURAL OR CRITICAL HABITATS Prepare, disclose, consult upon and adopt specific ESMPs in accordance with the measures described in the ESMF, or possible ESIA for subprojects, to avoid and/or minimize potential impacts of Project activities that will occur in the vicinity of these habitat types. These ESMPs shall be developed in accordance with the provisions of ESS6 in a manner acceptable to the Association.</p> <p>Include in the ESMP measures to protect aquatic habitats so that water withdrawals do not harm the aquatic ecosystems concerned.</p>	<p><i>Prior to any disturbance of the concerned site. Once finalized, the ESMP shall be applied throughout the implementation of the project activity.</i></p>	<p>Responsible Entities: - JIRAMA PIU - Contractors or subcontractors</p> <p>Persons/Authorities in Charge : - JIRAMA PIU Coordinator - Project E&S Specialists - Contractor E&S resource persons</p>
ESS 7: INDIGENOUS PEOPLES/SUB-SAHARAN AFRICAN HISTORICALLY UNDERSERVED TRADITIONAL LOCAL COMMUNITIES			
NOT RELEVANT			
ESS 8: CULTURAL HERITAGE			
8.1	<p>CHANCE FINDS (1) Ensure that “chance-find” clauses as defined in the project ESMF are included in all works contracts, even in cases where the probability of discovery is low. (2) Develop and implement, if necessary, a Cultural Heritage Management Plan, in case of a chance discovery, in accordance with the provisions of ESS8, and in a manner acceptable to the Association (3) Apply the “chance-find” procedures described in the ESMF, in accordance with ESS8 and national legislation</p>	<p><i>Prior to the start of construction/rehabilitation activities. Procedures applicable throughout the work and continuously until the closing of the project</i></p>	<p>Responsible Entities: - JIRAMA PIU - Contractors or subcontractors</p> <p>Persons/Authorities in Charge : - JIRAMA PIU Coordinator - Project E&S Specialists - Contractor E&S resource persons</p>

	MATERIAL MEASURES AND ACTIONS TO BE IMPLEMENTED	Timeframe	Responsible Entities/Authorities
8.2	<p>CULTURAL HERITAGE</p> <p>(1) Develop a specific communication and awareness strategy for all Contractor in charge of civil works and its employees, taking into account the procedures described in the ESMF, to avoid and/or mitigate potential impacts of the implementation of Project activities on the cultural heritage of the sites concerned.</p> <p>(2) If avoidance of impacts to Cultural Heritage resources is not possible, then develop and implement a specific Cultural Heritage Management Plan.</p>	<p><i>Document to be developed in the first year of the project.</i></p>	<p>Responsible Entities:</p> <ul style="list-style-type: none"> - JIRAMA PIU - Contractors or subcontractors <p>Persons/Authorities in Charge :</p> <ul style="list-style-type: none"> - JIRAMA PIU Coordinator - Project E&S Specialists - Contractor E&S resource persons
ESS 9: FINANCIAL INTERMEDIARIES			
NOT RELEVANT			
ESS 10: STAKEHOLDER ENGAGEMENT AND INFORMATION DISCLOSURE			
10.1	<p>STAKEHOLDER ENGAGEMENT PLAN PREPARATION AND IMPLEMENTATION</p> <p>A SEP has been prepared by the project. Adopt, update if necessary, consult upon, disclose and implement the SEP in accordance with ESS 10</p>	<p><i>SEP disclosed on February 18th, 2022.</i></p> <p><i>Once approved, apply it throughout the Project implementation.</i></p> <p><i>All subsequent updated versions of this SEP shall be submitted to the Association for approval.</i></p>	<p>Responsible Entities:</p> <ul style="list-style-type: none"> - MEAH PIU <p>Persons/Authorities in Charge :</p> <ul style="list-style-type: none"> - MEAH PIU Coordinator - Project E&S Specialists
10.2	<p>PROJECT GRIEVANCE MECHANISM</p> <p>The project has temporary GM to manage grievances till the implementation of the final GM of the project. The Project GM was developed under the SEP. This GM shall have the capacity to handle SEA/SH allegations. The GM shall be finalized at the same time as the SEP.</p> <p>Finalize, adopt and implement the GM as described in the Stakeholder Engagement Plan (SEP)</p>	<p><i>GM to be finalized at the same time as the SEP. GM to be updated periodically, as needed, throughout the implementation of the project. Any updates to the GM must be submitted to the Association for approval prior to implementation. Once approved, ensure operationalization of GM and monitoring throughout project implementation.</i></p>	<p>Responsible Entities:</p> <ul style="list-style-type: none"> - MEAH PIU - JIRAMA PIU <p>Persons/Authorities in Charge :</p> <ul style="list-style-type: none"> - MEAH PIU Coordinator - JIRAMA PIU Coordinator - Project E&S Specialists
CAPACITY SUPPORT (TRAINING)			

	MATERIAL MEASURES AND ACTIONS TO BE IMPLEMENTED	<i>Timeframe</i>	<i>Responsible Entities/Authorities</i>
CS1	<p>The following trainings (non exhaustive list) themes should at least be conducted as part of the Worker capacity building program:</p> <ul style="list-style-type: none"> (i) Stakeholder Mobilization for all Project stakeholders (ii) Labor Code and Labor Management Procedures for Project Labor (iii) Health and safety for workers and communities: hazards and risks, measures to deal with hazards and risks, emergency procedures for Project workers (iv) Emergency preparedness and response for PIUs employees, Project contractors workers (v) Mitigating the risks of Gender-Based Violence for Project workers, (vi) Training on inclusion of vulnerable and disadvantaged groups in the consultation process for PIUs employees, public authorities, (vii) Complaint management mechanism for all Project stakeholders (viii) Development, implementation, monitoring and reporting in accordance with the WMP (ix) Sensitization, awareness and prevention of sexually transmitted infections: HIV/AIDS, ... for Project Labor (x) Raising awareness on GBV including SEA-HS and child protection for Project contractors and subcontractors, (xi) Raising awareness on barrier measures against the spread of Covid-19 for all Project stakeholders 	<p><i>Before the start of activities and implemented throughout the life of the Project</i></p>	<p>Responsible Entities:</p> <ul style="list-style-type: none"> - MEAH PIU - JIRAMA PIU <p>Persons/Authorities in Charge :</p> <ul style="list-style-type: none"> - MEAH PIU Coordinator - Project E&S Specialists - NGO resource persons, etc.

	MATERIAL MEASURES AND ACTIONS TO BE IMPLEMENTED	<i>Timeframe</i>	<i>Responsible Entities/Authorities</i>
CS2	<p>The following training themes (non-exhaustive list) in community capacity building should be at least conducted:</p> <ul style="list-style-type: none"> (i) Effective environmental and social risk management for all concerned communities and the PAPs (ii) Community governance, accountability systems (iii) WASH for all water and sanitation infrastructures users (JIRAMA water consumers, school students, teachers, school staff, health practitioners, public institutions staff,...) (iv) Operationalization and maintenance of infrastructure (water points committees, local Associations, public institutions, Health Center staff, ...) (v) Establishment of a community-based early warning and response system (EWRS) focused on local conflict prevention and resolution for all concerned communities (vi) Complaint and conflict management mechanisms for all Project stakeholders, especially concerned communities, schools, health centers, (vii) Training on the inclusion of vulnerable and disadvantaged individuals and groups for target vulnerable and disadvantaged individuals and groups (viii) Victims of GBV to existing services to fight against GBV for all concerned communities 	<p><i>From the time of the environmental and social assessments of the activities / sub-projects concerned (ESMF, RPF, etc.), and to continue before the start of the related activities and throughout the life of the Project</i></p>	<p>Responsible Entities: - MEAH PIU</p> <p>Persons/Authorities in Charge : - MEAH PIU Coordinator - Project E&S Specialists - NGO resource persons, etc.</p>
CS3	<p>The following themes (non-exhaustive list) should be conducted for National and regional Stakeholder capacity building :</p> <ul style="list-style-type: none"> (i) World Bank Environmental and Social Framework (ii) National environmental and social assessment framework (iii) Preparation of ToRs for ESIA and RPs (iv) Implementation of the ESMF, RF, ESMP, RP, etc. (v) Monitoring and evaluation of the implementation of the ESMF, RF, ESMP, RP, etc. (vi) Mobilization of stakeholders (vii) Operationalization and maintenance of infrastructure and provide guidance for better decentralization and citizen engagement ; (viii) Social review of sub-projects 	<p><i>Before the start of the activities concerned and throughout the life of the Project</i></p>	<p>Responsible Entities: - MEAH PIU</p> <p>Persons/Authorities in Charge : - MEAH PIU Coordinator - Project E&S Specialists - NGO resource persons, etc.</p>