

Federal Democratic Republic of Ethiopia



**Ministry of Water and Energy
And
Ethiopian Disaster Risk Management Commission**

**ETHIOPIA INTEGRATED DISASTER RISK MANAGEMENT PROJECT
(P176327)**

ENVIRONMENTAL AND SOCIAL COMMITMENT PLAN (ESCP)

**April 2022
Addis Ababa, Ethiopia**

ENVIRONMENTAL AND SOCIAL COMMITMENT PLAN

1. The Federal Democratic Republic of Ethiopia (hereinafter the **Borrower**) will implement the Ethiopia Integrated Disaster Risk Management Project (P176327) (the **Project**), through The Ministry of Water and Energy (MoWE) with the involvement of Ethiopian Meteorology Institute (EMI) and the Ethiopian Disaster Risk Management Commission (EDRMC). The World Bank (WB), (hereinafter the **Bank**) has agreed to provide financing for the Project.
2. The Borrower 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 Borrower will also comply with the provision of any other Environmental and Social (E&S) documents required under ESF referred in to this ESCP, such as Environmental and Social Management Framework (ESMF), Social Assessment as well as SEA/SH Action Plan as part of the ESMF, Environmental and Social Impact Assessment (ESIA), Environmental and Social Management Plan (ESMP), Resettlement Framework (RF), Resettlement Plan (RP), Labor Management Procedures (LMP), and Stakeholder Engagement Plan (SEP), and the timelines specified in those E&S documents.
4. The Borrower is responsible for compliance with all requirements of the ESCP even when implementation of specific measures and actions is conducted by the Ministry, or Commission referenced in 1 above.
5. Implementation of the material measures and actions set out in this ESCP will be monitored and reported to the Bank by the Borrower as required by the ESCP and the conditions of the legal agreement, and the Bank will monitor and assess progress and completion of the material measures and actions throughout implementation of the Project.
6. As agreed by the Bank and the Borrower, this ESCP may be revised from time to time during Project implementation, to reflect adaptive management of Project changes and unforeseen circumstances or in response to assessment of Project performance conducted under the ESCP itself. In such circumstances, the Borrower will agree to the changes with the Bank and will update the ESCP to reflect such changes. Agreement on changes to the ESCP will be documented through the exchange of letters signed between the Bank and the Borrower. The Borrower will promptly disclose the updated ESCP.
7. Where Project changes, unforeseen circumstances, or Project performance result in changes to the risks and impacts during Project implementation, the Borrower shall provide additional funds, if needed, to implement actions and measures to address such risks and impacts, which may include environmental, health, and safety impacts or labor risks.

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
MONITORING AND REPORTING			
A	<p>REGULAR REPORTING</p> <p>Prepare and submit to the Bank regular monitoring reports on the environmental, social, health and safety (ESHS) performance of the project, including but not limited to the implementation of the ESCP, status of preparation and implementation of E&S documents required under the ESF, stakeholder engagement plan and functioning of the grievance mechanism.</p>	<p>Quarterly report will be submitted throughout Project implementation.</p> <p>Focal points for the Basin Offices and EMI shall report to the PMU on a monthly basis.</p>	<p>PMU at MoWE and PCU at EDRMC, EMI and Basin Offices focal Persons.</p>
B	<p>INCIDENTS AND ACCIDENTS</p> <p>Promptly notify the Bank 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 any incidental spillage that can cause pollution of land/water, occupational and traffic accidents involving workers or members of affected communities, labor issues, etc.</p> <p>Provide sufficient detail 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.</p> <p>Subsequently, as per the Bank's request, prepare a report on the incident or accident and propose any measures to prevent its recurrence.</p>	<p>Notify any incidents to the Bank within 48 hours after learning of the incident or accident, using such reporting protocols and procedures as the Bank may communicate</p> <p>A detailed report of the incident would be provided within fifteen (15) days. All other minor incidents will be included in the quarter report.</p>	<p>PMU at MoWE and PCU at EDRMC, EMI and Basin Offices focal Persons</p>

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
C	<p>CONTRACTORS REPORTS</p> <p>Ensure through the Employer’s Requirements that Contractors provide monthly progress reports to the Project Management Unit on ESHS performance, as set in the site specific ESMP. Such reports would be submitted to the Bank by the Borrower upon request.</p> <p>The PMU will be responsible for monitoring and reporting for the operational phase of sub-projects, such as operations and maintenance of flood protection measures, river and flow monitoring.</p>	<p>The Contractors shall submit reports to the PMU on a monthly basis. The Borrower shall submit to the Bank upon request.</p>	<p>PMU at MoWE and PCU at EDRMC, EMI and Basin Offices focal persons, Contractors</p>
ESS 1: ASSESSMENT AND MANAGEMENT OF ENVIRONMENTAL AND SOCIAL RISKS AND IMPACTS			
1.1	<p>ORGANIZATIONAL STRUCTURE</p> <ul style="list-style-type: none"> Establish and maintain an organizational structure coordinated by MoWE. PMU at MoWE and PCU at EDRMC, EMI and Basin Offices focal persons with critical staffs including Project coordinator, FM specialist, Procurement specialist, Environmental Specialist, Social safeguard specialist, M&E specialist, and Water resource management specialists, each with more than five (5) years of experience in carrying out environmental and social assessments of infrastructure projects. The Steering Committee provides governance and strategic guidance. The PMU-MoWE plays a leading role in coordinating with the EDRMC. The PMU will carry out the overall coordination, planning, monitoring, and supervision of the Project. Implementation of Component 1 (Strengthening institutional capacity and coordination for DRM) will be managed by PCU at EDRMC. Implementation of sub-component 2.1 (Basin-level flood risk reduction investments) will be managed by PMU at MoWE with the Basin offices. Implementation of sub-component 2.2 (Hydromet and impact-based early warning system) will be managed by PMU at MoWE with EMI, EDRMC. 	<p>The organizational structure, including the specialists, should be established prior to disbursement for activities under Component 2.</p>	<p>PMU at MoWE and PCU at EDRMC, EMI and Basin Offices focal persons</p> <p>PMU at MoWE and PCU at EDRMC, EMI and Basin Offices focal persons</p>

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	<ul style="list-style-type: none"> Implementation of sub-component 2.3 (Community-level flood preparedness) will be managed by PCU at EDRMC with MoWE and EMI. Implementation of sub-component 2.4 (Strategic studies and capacity building) will be implemented by PMU at MoWE in coordination with MoUDI, EDRMC, and others. All entities will implement Component 4 (Project management). At Basin offices level focal persons will be established to manage sub-components 2.1, 2.2, 2.3, and 2.4 depending on the size and scale of sub projects managed at regional level. 		PMU at MoWE and PCU at EDRMC, EMI and Basin Offices focal persons.
1.2	<p>ENVIRONMENTAL AND SOCIAL ASSESSMENT</p> <p>Prepare a project wide ESMF including a Project wide SA as well as SEA/SH Prevention and Response Plan, RF, SEP and LMP which will be used as a basis for management of E&S risks for all project activities including CERC activities</p> <p>In accordance with the screening procedures enumerated in the ESMF for this project, undertake site-specific environmental and social risk screening, develop ESMPs, ESIA, Resettlement Plans (RPs) or Livelihood Restoration Plans (LRP) and impact assessments for subprojects including assessment of the physical and biological environment, location of flood protection infrastructure, availability of suitable land free of encumbrances and contestation, ensuring equity and inclusivity of site selections - as well as capacity of likely contractors to implement ESMPs and monitoring arrangements.</p> <p>Ensure that (i) the consultancies, studies, capacity building, training, and any other technical assistance activities are carried out in accordance with terms of reference acceptable to the Association, that incorporate the relevant requirements of the ESSs; and (ii) outputs of the TA are prepared and/or delivered in a manner acceptable to the Association and duly incorporate and take into consideration the relevant requirements of the ESSs.</p>	<p>Prior to project negotiation.</p> <p>Prior to implementation of subprojects</p>	PMU at MoWE and PCU at EDRMC, EMI and Basin Offices focal persons, EPA and WB
1.3	MANAGEMENT TOOLS AND INSTRUMENTS		PMU at MoWE and

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	<p>Implement ESMF, RF, SEP, SMP, SEAH Prevention and Response Plan and LMP, including possible modifications of any such plan if deemed necessary to meet Bank ESF requirements and to be done in conjunction with Association</p> <p>Update project wide SEP as necessary, and publicly disclose and implement, including Grievance Mechanism and inclusion plan satisfactory to the Association.</p> <p>Prepare, adopt and publicly disclose, sub-project construction and operation ESMPs including required elements of the SEAH Prevention and Response Plan, LMPs, Site specific Activity Plans including Resettlement Plan or Livelihood Restoration Plan (RP/LRP), site-specific SA including SDP as specified in the ESMF screening criteria, in a manner satisfactory to the Association.</p>	<p>Prior to implementation of subprojects</p> <p>Throughout Project implementation. As needed throughout the Project.</p> <p>Prior to commencement of implementation of activities under Component 2. Plans approved before issuing Request for Proposals for the Contactors/executing agencies and implemented before commencement of the sub-project in accordance with the respective schedule for implementing the mitigation measures contained in the instruments throughout the Project implementation.</p>	<p>PCU at EDRMC, EMI and Basin Offices focal persons</p>
1.4	<p>MANAGEMENT OF CONTRACTORS AND IMPLEMENTING PARTNERS: Incorporate the relevant aspects of the ESCP, including the relevant E&S</p>	<p>During the preparation of procurement documents. The construction</p>	<p>PMU at MoWE and PCU at EDRMC, EMI and Basin Offices</p>

MATERIAL MEASURES AND ACTIONS	TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
<p>documents and/or plans, the ESMP, LMP, SEAH Prevention and Response Plan, and SEP into the ESHS specifications of the procurement documents with contractors. Thereafter ensure that the contractors comply with the ESHS specifications of their respective contracts.</p> <p>Develop and implement procedures for managing primary suppliers, contractors, subcontractors and community workers recruited to carry out civil works including:</p> <ul style="list-style-type: none"> • Ensure compliance with the national laws, e.g. licenses to construct, excavate, and operate any sites for project purposes; • Relevant environmental and social requirements will be included in the procurement and contracting process including bidding documents, contracts and subcontracts consistent with the requirements of ESSs; • Preparation of a detailed contractor-ESMP (C-ESMP) and OHS plan that are costed, with sufficient budget to mitigate E&S risks and demonstrates sufficient capacity to implement the required measures as part of the bidding process. • Codes of conduct (CoCs) are required for contractors, subcontractors, primary suppliers and their workers covering conditions of service, OHS, SEAH requirements. • Monitor contractor commitment and compliance with ESSs; • Ensure the availability of accessible and effective GRM for contractor and subcontractor, primary suppliers workers. • Ensure contractors and primary suppliers provide details on their oversight on environmental, social, health and safety (ESHS) performance and adequate mechanisms for serious incident reporting as required; and • Monitor the performance of the contractors and primary suppliers to ensure that they comply with the ESHS specifications of their respective contracts in 	<p>contractor’s guideline will be implemented and supervised contractors throughout Project implementation.</p> <p>Supervise contractors throughout Project implementation.</p>	<p>focal persons</p>

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	accordance with the LMP, SEP, Sexual Exploitation, Abuse and Harassment (SEAH) Prevention and Response Plan.		
1.5	<p>MONITORING AND INSPECTION</p> <p>MoWE shall continuously monitor environmental and social risks and their impacts on the environment, Project-affected communities and workers to ensure effective compliance in accordance with ESMF, RF, SEP, SEP, SEAH, LMP, ESHS instruments, conditions of approval, capacity and reporting requirements as set out in this ESCP and take necessary remedial actions acceptable to the Bank.</p>	Throughout the project implementation	PMU at MoWE and PCU at EDRMC, EMI and Basin Development Offices focal persons, and quality enhancement firm
1.6.	<p>EXCLUSION CRITERIA</p> <p>The following types of activities as ineligible for financing under the Project:</p> <ul style="list-style-type: none"> • Activities that may cause damage to cultural heritage. • Activities that involve removal or conversion of forests and other natural resources. • Activities that may cause long term, permanent and/or irreversible (e.g. loss of major natural habitats including habitats of wildlife and fisheries) • Activities that may cause any significant loss of biodiversity. • Activities that have a high probability of causing serious adverse effects to human health and/or the environment. • Activities that may have significant adverse social impacts and/ or may give rise to significant social conflict. • Activities that involve land use changes such as drainage of wetlands and cultivation. • Activities that may potentially affect the quality or quantity of water or a waterway shared with other nations. • Activities that may involve significant land acquisition, forced eviction and involuntary physical displacement. • Activities that would disproportionately affect the historically underserved and vulnerable groups. 	Throughout the project implementation	PMU at MoWE and PCU at EDRMC, EMI

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<ul style="list-style-type: none"> Activities that may impact on known cultural heritage sites including sites that are important to local communities. in sum activities that may cause large-scale physical disturbance on wildlife habitat; block the access to or use of water points etc. used by others; located in or adjacent to protected area, ; significant impact on cultural heritage; create encroachment and/or cause significant adverse impacts to critical natural habitats (e.g., wildlife reserves; parks or sanctuaries; protected areas; forests and forest reserves, wetlands, national parks or game reserve; any other ecologically/environmentally sensitive areas) and contravene international and regional conventions on environmental and social issues are not eligible for the project financing. 		
ESS 2: LABOR AND WORKING CONDITIONS		
<p>2.1 LABOR MANAGEMENT PROCEDURES Implement the Labor Management Procedures (LMP) that will be developed for the Project. Update the document during the project implementation when the details of the proposed subprojects are more apparent. Private construction companies will comply with the national labor proclamation (proc.No.1156/2019) and ESS2 requirements. The following issues shall be considered to address labor risks:</p> <ul style="list-style-type: none"> Conditions of service; Code of conduct; Occupational health and safety (OHS) measures; Covid-19 prevention measures; Prevention of child and forced labor; Emergency preparedness and response; Grievance redress mechanism for project workers; Training of project workers on key issues including OHS and GBV prevention; and Management of labor influx. 	<p>The LMP will be prepared, disclosed prior to negotiations. The document will be updated if and when necessary and implemented throughout the Project implementation.</p>	<p>PMU at MoWE and PCU at EDRMC, EMI and Basin Offices focal persons, Respective Federal, Zonal/Woreda, MoWSA/ BoWSA</p>

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2.2	<p>GRIEVANCE MECHANISM FOR PROJECT WORKERS Establish, maintain, and operate a grievance mechanism for Project workers (direct and contract-based workers), based on description in the LMP and consistent with ESS2. It must be backed with a more effective band confidential mechanism for GBV/SEAH complaints handling.</p>	Grievance mechanism operational prior to project Effectiveness and maintained throughout Project implementation.	PMU at MoWE and PCU at EDRMC, EMI and Basin Offices focal persons
2.3	<p>PROJECT WORKERS TRAINING Implement training of Project workers designed to heighten awareness of risks and to mitigate impacts on local communities, as defined in ESMF, LMP and GBV action plan.</p>	Prior to civil works, with regular refresher training	PMU at MoWE and PCU at EDRMC, EMI and Basin Offices focal persons
2.4	<p>OCCUPATIONAL HEALTH AND SAFETY (OHS) MEASURES Develop and implement occupational health and safety (OHS) measures, based on World Bank EHS Guidelines, as part of the LMP including through, inter alia, implementing adequate OHS measures and incorporating ESMF and subproject ESMPs, SMP, SEAH Prevention and Response Plan requirements into the ESHS specifications of the procurement documents and contracts with contractors. Implement Occupational Health and Safety (OHS) measures specified in (a) The Construction contractors E&S guideline that will be incorporated to the ESMF prepared for this Project. (b) Develop and implement occupational health and safety measures (OHS), including emergency preparedness and response measures, and measures advised by WHO as COVID-19 response. C. project sign Codes of Conduct and receive basic training on expected behavior and consequences for breach of the code including GBV and SEA. (D) GBV-sensitive measures for complaint's mechanism will be explored.</p>	Measures to be developed prior to commencement of activities that can have potential OHS risks and will be implemented throughout the project cycle	PMU at MoWE and PCU at EDRMC, EMI and Basin Offices focal persons, Contractor for the OHS Plan
ESS 3: RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT			
3.1	RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT:	Prepare, adopt and publicly disclose the	PMU at MoWE and

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	<p>Following the requirements of the ESMF, resource efficiency and pollution prevention and management measures will be covered under the ESMPs to be prepared under the clause 1.3 above. Integrate and implement resource efficiency and pollution prevention and management measures, including those related to energy use, water use and raw material use. Maintenance, in</p> <p>(A) Use technically and financially feasible ground water usage. Implement water conservation measures. Use alternative water sources.</p> <p>(B) Use energy efficient appliances and technologies where applicable.</p> <p>(D) For any waste and hazardous materials under any subproject, the Project will ensure appropriate management and disposal. Further, the management of chemicals and hazardous waste will be based on according to relevant international standards and codes of conducts as well as the ESS3 to avoid or minimize adverse impacts on human health and the environment by avoiding or minimizing pollution.</p>	<p>ESMPs (which will be prepared based on the ESMF) including waste management and resource efficiency measures prior to implementation of - subprojects.</p> <p>Monitor implementation of the ESMPs throughout Project implementation.</p> <p>Monitor implementation of the ESMPs throughout Project implementation. The implementation is throughout the project.</p>	<p>PCU at EDRMC, EMI and Basin Offices focal persons, Contractor</p>
ESS 4: COMMUNITY HEALTH AND SAFETY			
4.1	<p>COMMUNITY HEALTH AND SAFETY: Integrate and implement community health and safety (CHS) measures including:</p> <p>(A) Identify community health and safety risks and impacts and propose mitigation measures in accordance with the mitigation hierarchy.</p> <p>(B) Adopt and implement Traffic and Road safety measures. Prevent and mitigate potential road safety risks to road users and affected communities.</p> <p>(C) Avoid risk of exposure to infectious diseases (including water borne,</p>	<p>Prepare, adopt and publicly disclose the site specific-ESMPs including CHS measure prior to implementation of subprojects</p>	<p>PMU at MoWE and PCU at EDRMC, EMI and Basin Offices focal persons, Consultant, Contractor</p>

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
	<p>COVID-19 and HIV/AIDS);</p> <p>(D) Take measures to avoid or minimize transmission of communicable diseases associated with the influx of temporary or permanent project labor.</p> <p>(E) Avoid or mitigate adverse health and safety risks on ecosystem services exacerbating climate change impact.</p> <p>(F) Access to people of all ages and abilities in different situations and various circumstances.</p> <p>(G) Provide safety and security measures to protect workers and property.</p> <p>(H) In the event that security personnel is used for the sub-projects, the contractor shall develop and implement measures and actions to assess and manage the risks to human security of project-affected communities and project workers that could arise from the use of security personnel in line with framework provisions outlined in the ESMF.</p>	<p>Implement throughout the project; and CHS performance reported quarterly.</p>	
4.2	<p>GBV AND SEAH RISKS</p> <p>Prepare, adopt, publicly disclose and implement project-wide Sexual Exploitation, Abuse and Harassment (SEAH) Prevention and Response Plan as part of the ESMF.</p> <p>Key measures include:</p> <ul style="list-style-type: none"> - CoCs for project contracted workers; and plan for sensitization/awareness raising for the community and intended training activities for workers on CoC and GBV/SEA provisions; - Mapping and development of partnerships with identified GBV service providers; - A Reporting and Response Framework that outlines key requirements for reporting cases if they arise and measures to enable safe, ethical, survivor-centered response; - An Accountability Framework that outlines how the PMU/contractor will handle allegations, including related to investigation (in alignment with national processes) and sanctions for potential 	<p>Prepare, adopt and publicly disclose the Sexual Exploitation, Abuse and Harassment (SEAH) Prevention and Response Plan as part of the ESMF, prior to project appraisal.</p> <p>Implement the Sexual Exploitation, Abuse and Harassment (SEAH) Prevention and</p>	<p>PMU at MoWE and PCU at EDRMC, EMI and Basin Offices focal persons</p>

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
	<p>perpetrators; and</p> <ul style="list-style-type: none"> - Establishment of channels/procedures for safe, confidential and survivor centered reporting of GBV incidence that connect to the project GRM and enable training of GRM operators on how to respond to cases that come forward. <p>Development of additional protection measures to address potential sexual harassment in recruitment practices and in the workplace.</p> <p>Clarification of GBV requirements in bidding documents including requirements for CoCs, training of workers, and how GBV related costs will be covered in the contract.</p> <p>Bid evaluations to include consideration for GBV response proposals.</p> <p>Ensuring additional funds are made available to implement measures to address GBV/SEA risks and impacts that may arise during Project implementation.</p>	Response Plan throughout Project implementation.	
4.3	<p>Security Management</p> <ul style="list-style-type: none"> a) Ensure that such personnel are adequately instructed and trained, prior to deployment and on a regular basis, on the use of force and appropriate conduct (including in relation to civilian-military engagement, SEA and SH, and other relevant areas), as set out in the Project Operational Manual, security management plan (SMP) , Security Management Plan and LMP. b) Ensure that the stakeholder engagement activities under the Stakeholder Engagement Plan (SEP) include a communication strategy on the involvement of military and security personnel under the Project. c) Ensure that any concerns or grievances regarding the conduct of military and security personnel are received, monitored, documented (taking into account the need to protect confidentiality), resolved through the Project’s grievance mechanism. security-related incidents 	Prior to disbursement for activities under Component 2; and will be implemented throughout the implementation period	PMU at MoWE and PCU at EDRMC, EMI and Basin Offices focal persons

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
	shall be reported to the Bank in accordance with action B of this ESCP. Where the Bank shall require, after consultation with the Borrower: (i) promptly appoint a third- party monitor consultant, with terms of reference, qualifications and experience satisfactory to the Bank, to visit and monitor the Project area where military and security personnel are deployed, collect relevant data and communicate with Project stakeholders and beneficiaries; (ii) require the third-party monitor consultant to prepare and submit monitoring reports, which shall be promptly made available to and discussed with the Association; and (iii) promptly take any actions, as may be requested by the Association upon its review of the third-party monitor consultant reports.		
ESS 5: LAND ACQUISITION, RESTRICTIONS ON LAND USE AND INVOLUNTARY RESETTLEMENT			
5.1	Resettlement Framework Given the nature or magnitude of the land acquisition related to a program with potential to cause displacement is unknown at this point in time, Resettlement Framework (RF) has been prepared, establishing general principles and procedures in accordance with the requirements of ESS and relevant national legislations.	RF will be disclosed prior to negotiation; and will be implemented throughout project implementation.	PMU at MoWE and PCU at EDRMC, EMI and Basin Offices focal persons, and Implementing respective Woreda administration
5.2.	RESETTLEMENT PLANS Prepare, adopt publicly disclose, and implement site specific Resettlement Plans (RPs) or Livelihood Restoration Plans (LRPs) in accordance with ESS5 and consistent with the requirements of the RF in a manner acceptable to the Association; and Resettlement Plan:	Prior to the Project implementation and maintain throughout the project.	PMU at MoWE and PCU at EDRMC, EMI and Basin Offices focal persons, and Implementing respective Woreda administration

MATERIAL MEASURES AND ACTIONS	TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
<p>(B) Prepare resettlement Plan and assist displaced persons to restore livelihoods and living standards to pre displacement levels to improve living conditions of poor or vulnerable persons.</p> <p>(C) Maintain informed participation and conduct meaningful consultation with project affected persons.</p> <p>(D) Engage all stakeholders including women in decision making process related to resettlement and livelihood restoration based on their preferences of compensation.</p> <p>(E) In case of physical and economic displacement implementation will be based on specific procedures set in ESS 5, B.</p> <p>(F) Collaborate with regional, Woreda and city administration on land acquisition, resettlement plan or provision of necessary assistance including monitoring, resettlement plan implementation and conflict resolution.</p>		
<p>5.3. FORCED DISPLACEMENT PRIOR TO PROJECT APPROVAL Should involuntary resettlement or forced displacement occur in anticipation of construction or in any other project-financed infrastructure before board approval of the Project, or in the absence of a RP/LRP prepared in a manner acceptable to the Bank relevant ESS5 requirements will be applied retroactively.</p> <p>If such requirements cannot be satisfied retroactively, the Bank will not support such infrastructure development carried out.</p>	<p>Identification of such prior forced displacement when conducting screening and census survey during the RP process for subprojects.</p>	<p>PMU at MoWE and PCU at EDRMC, EMI and Basin Offices focal persons</p>
<p>5.4. Grievance Mechanism Establish a functional and accessible project-level Grievance Mechanism (GM) to effectively address concerns and issues related to the project activities including grievances related to land acquisition and involuntary resettlement and restriction of access to natural resources.</p>	<p>Within two months after project effectiveness; and maintain throughout project implementation.</p>	<p>PMU at MoWE and PCU at EDRMC, EMI and Basin Offices focal persons, and Implementing respective Woreda administration</p>

MATERIAL MEASURES AND ACTIONS	TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
ESS 6: BIODIVERSITY CONSERVATION AND SUSTAINABLE MANAGEMENT OF LIVING NATURAL RESOURCES		
<p>6.1 BIODIVERSITY RISKS AND IMPACTS</p> <p>Consistent with the ESMF, ensure that ESS6-related measures are included in the ESMPs for subprojects, and that such measures are adopted and implemented in a manner acceptable to the Bank.</p> <p>(A) Avoid adverse impacts on biodiversity and promote sustainable management of natural resources.</p> <p>(B) Apply the mitigation hierarchy and precautionary approach in the design and implementation of projects that could have an impact on biodiversity.</p> <p>(C) Screen any proposed subproject in accordance with ESMF prepared for the project.</p> <p>(D) Assess the direct, indirect and cumulative impacts in specific ESIA/ESMPs on biodiversity and management of natural resources including hydrological changes as well as projected climate change impact.</p> <p>(E) Support livelihood of local communities, including underserved people and inclusive economic development by adopting conservation needs and development priorities.</p> <p>(F) Protect local, Regional and international recognized areas of high biodiversity values.</p> <p>(G) Offset will be considered as a last resort only if significant residual adverse impacts remain after all mitigation hierarchies have been considered.</p> <p>(H) preparation of ESIA and ESMP for subprojects that are likely to cause sensitive ecological impacts, if any</p> <p>(I) application of exclusion list/eligibility criteria and screening mechanism, and iii) application of mitigation hierarchy including alternative analysis</p>	<p>Prepare, adopt and publicly disclose the ESMPs including biodiversity risk management measures prior to implementation of subprojects.</p> <p>Implement all subproject ESMPs throughout Project implementation.</p> <p>Prior to implementation of the subprojects</p> <p>Throughout the project implementation period.</p>	<p>PMU at MoWE and PCU at EDRMC, EMI and Basin Offices focal persons, and Implementing respective Woreda administration</p>
ESS 7: INDIGENOUS PEOPLES/SUB-SAHARAN AFRICAN HISTORICALLY UNDERSERVED TRADITIONAL LOCAL COMMUNITIES		

MATERIAL MEASURES AND ACTIONS	TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
<p>7.1 The provisions under ESS7 are considered relevant for the project. Thus, the Project shall be implemented in accordance with the requirements of ESS7. MoWE has conducted Social Assessment (SA) including Social Management Plan (SMP) as part of the ESMF that will guide the project how to mainstream respective measures as well as may suggest additional activities to address vulnerabilities. It equally will include assessing respective risk mitigation measures.</p> <p>(A) Enhance opportunities to historically underserved, traditional local communities to participate in and benefit from the project in a way that do not threaten their unique cultural identities and wellbeing.</p> <p>(B) Obtain the free, prior and informed consent of affected underserved, traditional, local communities, where relevant, as per the criteria of ESS7.</p> <p>(C) Respect human rights, dignity, aspirations, identity, culture, natural resource-based livelihoods of underserved traditional local communities.</p> <p>(D) Implement mitigation hierarchies to avoid, minimize or mitigate negative impacts on underserved traditional local communities.</p> <p>(E) Conduct tailored meaningful consultation and document free prior and informed consents of underserved, traditional and local communities.</p> <p>(F) Provide recognition of customary or traditionally occupation and land tenure systems.</p> <p>(G) Establish GRM mechanisms appropriate to affected, underserved traditional local communities and shall ensure that the grievance redress mechanisms established for the Project, as described in ESS10, are culturally appropriate and accessible to them, takes in to account availability of judicial recourse and customary dispute settlement mechanisms</p> <p>(H) The SEP update (as needed) shall have adequate coverage on stakeholder engagement and communication in culturally and linguistically appropriate manner for the underserved traditional local</p>	<p>SA including SMP as part of the ESMF will be disclosed before negotiation and site-specific SA and SDP will be prepared before sub-projects implementation and implemented throughout the project cycle</p>	<p>PMU at MoWE and PCU at EDRMC, EMI and Basin Offices focal persons, and Implementing respective Woreda administration, local Community leaders</p>

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
	communities context in Ethiopia to address potential risks for the activities under all relevant Project components		
ESS 8: CULTURAL HERITAGE			
8.1	<p>CULTURAL HERITAGE AND CHANCE FINDS Consistent with the ESMF ensure that ESS8 related measures are included in the ESMPs for subprojects and that such measures are adopted and implemented in a manner acceptable to the Bank.</p> <p>(A)Protect cultural heritage from adverse impacts of project activities and support preservation. (B)Conduct meaningful consultation with stakeholders regarding cultural heritage both tangible and intangible. (C)Maintain chance find procedures specified in the ESMF.</p>	<p>Prepare, adopt and publicly disclose the ESMPs with potential risk mitigation measures for cultural heritage prior to implementation of subprojects</p> <p>Comply with chance finds procedures that has been included in the ESMF, throughout Project implementation.</p>	PMU at MoWE and PCU at EDRMC, EMI and Basin Offices focal persons, culture and tourism bureau
ESS9 is not applicable to the project.			
10.1	<p>STAKEHOLDER ENGAGEMENT PLAN (SEP) PREPARATION AND IMPLEMENTATION Prepare, disclose and implement the SEP, in a manner acceptable to the Bank.</p>	Throughout the project implementation	PMU at MoWE and PCU at EDRMC, EMI and Basin Offices focal persons
10.2.	<p>PROJECT GRIEVANCE MECHANISM Implement a functioning, trusted and accessible Project Grievance Mechanism, as described in the SEP.</p> <p>Accessible grievance arrangements shall be made publicly available to receive and facilitate resolution of concerns and grievances in relation to the Project, consistent with ESS10, in a manner acceptable to the Bank.</p>	Two months after Project effectiveness.	PMU at MoWE and PCU at EDRMC, EMI and Basin Offices focal persons
Capacity Building (training)			

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
CS1	<p>SPECIFIC TRAINING TO MAJOR IMPLEMENTING ACTORS</p> <p>A preliminary capacity assessment for the implementation of the E&S requirements has been carried out as part of the ESMF preparation and will be updated as necessary following the recruitment and induction of E&S specialists. The capacity assessment will include terms of reference, an action plan and timeline for capacity building activities, including training and mentorship, in the following areas:</p> <ul style="list-style-type: none"> • The World Bank's ESF in general; • Stakeholder mapping and engagement; • Labor Management; • Specific aspects of environmental and social assessment including preparation of E&S instruments such as ESMF, ESMPs, RPs and LRPs, Sexual Exploitation, Abuse and Harassment (SEAH) Prevention and Response Plans, Security Management Plans; • Gender Based Violence (GBV); and • Grievance Management. <p>Targeted groups will include the following (PMU, PCU, Basin Offices focal persons, contractors and community workers)</p>	<p>Prior to disbursement for activities under component 1.</p> <p>Training will be carried out throughout the Project as required.</p>	<p>PMU at MoWE and PCU at EDRMC, EMI and Basin Offices focal persons</p>
CS2	<p>TRAINING ON OHS AND EMERGENCY PREVENTUION, PREPAREDNESS AND RESPONSE</p> <p>The PMU will ensure that the contractors to be engaged provide specify training for Project workers on:</p> <ul style="list-style-type: none"> - Occupational and Community Health and Safety issues (such as OHS measures in rehabilitation, construction and maintenance); - Emergency prevention and preparedness and response arrangements to emergency situations. 	<p>Prior to disbursement for activities under component 1 and training should be maintained as needed throughout the project implementation.</p>	<p>PMU at MoWE and PCU at EDRMC, EMI and Basin Offices focal persons, construction contractor in collaboration with WB</p>

