

DRAFT
ENVIRONMENTAL AND SOCIAL
COMMITMENT PLAN (ESCP)

Africa Environmental Health and Pollution
Management Program
(P167788)

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I. Introduction

The Environmental Health and Pollution Management Programme (EHPMP) aims to strengthen the institutional capacity to manage and regulate mercury use in the Artisanal and Small-scale Gold Mining (ASGM) and unintentionally produced Persistent Organic Pollutants (uPOPS) in e-waste (electronic and electrical waste) in the Republics of Ghana, Senegal, Kenya, Zambia and the United Republic of Tanzania specifically. The country specific activities involving ASGM will be implemented in Tanzania and Ghana, while activities focused on e-waste will be implemented in Ghana, Zambia, Kenya and Senegal.

The EHPMP comprises of four components:

Component 1: Institutional strengthening, knowledge and capacity building

Component 2: Policy dialogue and regulatory enhancements

Component 3: Demonstrating application of technological tools and economic approaches - for reduced environmental health risks due to mercury and e-waste

Component 4: Project coordination and management

Under component 3 specific community-focused cleaner technology demonstration activities in contaminated areas, selected and designed based on environmental health risks and cost effectiveness of interventions will be implemented. The pilots will be directly connected to ongoing and proposed Bank operations in each participating country: Tanzania- Resilient Natural Resources Management for Tourism and Growth Project (REGROW – P150523); Ghana - Artisanal and Small-scale Mining Formalization (P168002) and Forestry Investment Program (FIP) (additional financing) Enhancing Natural Forest and Agroforest Landscapes Project (P163745); Zambia – Mining and Environmental Remediation and Improvement Project (P154683); Senegal – Municipal Solid Waste Management Project (P161477). –

The EHPMP is being prepared under the World Bank’s Environment and Social Framework (ESF), which came into effect on October 1, 2018. As per the ESF, the countries are required to prepare an Environmental and Social Commitment Plan (ESCP) setting out the measures and actions required for the project to meet the Environmental and Social Standards over a specified timeframe.

This ESCP includes the individual ESCP for each of the participating countries.

II. Kenya ESCP

Project Implementing Entity: National Environment Management Authority

1. The Kenyan Government is planning to implement a project on reducing Environmental Health risks by Improving Management of Electronic Waste (the **Project**), with the involvement of National Environment Management Authority. The World Bank has agreed to provide financing for the Project.
2. The Republic of Kenya will implement material measures and actions so that the Project is implemented in accordance with the World Bank Environmental and Social Standards (**ESSs**). This Environmental and Social Commitment Plan (**ESCP**) sets out a summary of the material measures and actions.
3. In particular, this ESCP requires compliance with the provisions set out in the Stakeholder Engagement Plan developed for this Project and Labor Management Procedures to be developed for the Project.
4. The table below summarizes the material measures and actions that are required as well as the timing of the material measures and actions. The Kenyan Government is responsible for compliance with all requirements of the ESCP even when implementation of specific measures and actions is conducted by the Ministry, agency or unit referenced in point 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 Kenyan Government 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 Kenyan Government, 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 Kenyan Government 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 Kenyan Government. The Kenyan Government 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 Kenyan Government shall provide additional funds from the project funds, if needed, to implement actions and measures to address such risks and impacts.

**KENYA REDUCING ENVIRONMENTAL HEALTH RISKS BY IMPROVING MANAGEMENT OF ELECTRONIC WASTE PROJECT (P167788)
ENVIRONMENTAL AND SOCIAL COMMITMENT PLAN**

As of December 1, 2019

<i>Summary of the Material Measures and Actions to Mitigate the Project's Potential Environmental and Social Risks and Impacts</i>		<i>Timeframe</i>	<i>Responsibility / Authority and Resources/Funding Committed</i>	<i>Date of Completion</i>
ESCP Monitoring and Reporting				
0.1	REGULAR REPORTING: Prepare and submit regular monitoring reports on the safeguard's performance of the Project, including, inter alia, implementation of the ESCP, and any E&S documentation prepared or to be prepared and implemented under the ESCP, in form and substance acceptable to the Association.	Quarterly (every 3 months) reports submitted to PSC throughout Project implementation. Mid-term and completion reports will also be required at times determined during project implementation.	Project Coordination Unit (PCU) The cost of monitoring and reporting will be incorporated the overall Project management costs	Throughout Project implementation First reporting to complete within three months following the project effectiveness
0.2	INCIDENTS AND ACCIDENTS NOTIFICATION: Promptly notify any incident or accident related or having an impact on the Project which has, or is likely to have, a significant adverse effect on the environment, the affected communities, the public or workers. Provide sufficient detail regarding the incident or accident, indicating immediate measures taken to address it, and include information provided by any contractor and supervising entity, as appropriate.	Promptly after taking notice of the incident or accident. Any incident or accident shall be notified to PSC within 24 hours after taking note of the incident or accident	PCU Funding from Project Budget	Promptly after taking notice of the incident or accident.
SUMMARY ASSESSMENT				
ESS 1: ASSESSMENT AND MANAGEMENT OF ENVIRONMENTAL AND SOCIAL RISKS AND IMPACTS				
1.1	ORGANIZATIONAL STRUCTURE:	• PCU: Prior to	PCU	• PCU: Project effectiveness

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	A Project implementation unit (PCU) will be set up at NEMA and shall oversee safeguards	project effectiveness		date
1.3	PERMIT, CONSENTS AND AUTHORIZATIONS: Though none are anticipated, the project will obtain and thereafter comply with any permits, consents and authorizations that are required for the Project from relevant national authorities.	All relevant permits, consents and authorizations: before commencement of related Project activities	NEMA (PCU)	<ul style="list-style-type: none"> Securing permits as indicated and compliance with the permits throughout Project implementation.
ESS 2: LABOR AND WORKING CONDITIONS				
2.1	LABOR MANAGEMENT PROCEDURES (LMP): Consistent with the LMP and ESS2, develop and implement labor management procedures to address labor risks, including (but not limited to) the following key mitigations: -Occupational, health and safety (OHS) measures; -Prevention of child and forced labor; -Emergency preparedness and response; -Grievance redress mechanism for project workers: -Project workers training; and -Management of labor influx.	Incorporation of relevant provisions of LMP into procurement documents (including in the form of contractor's LMP)	PCU	<ul style="list-style-type: none"> Ongoing monitoring and enforcement.
ESS 3: RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT				
3.1	Ensure TORs for project ESIAs/ESMPs include measures for prevention of pollution and specific hazardous waste management provisions	Throughout project implementation	PCU	<ul style="list-style-type: none"> Ongoing screening, upon identification of activities
ESS 4: COMMUNITY HEALTH AND SAFETY				
Relevant provisions on ESS4 will be addressed in SEP and LMP				
4.1	GBV AND SEA RISKS:	GBV-related provisions	PCU	<ul style="list-style-type: none"> Within the specified

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	<p>GBV risks under the project are not anticipated. While contextual risk of GBV not foreseen, it is not anticipated that project the number of project workers will be minimal with limited impact on community or household dynamics. Basic mitigation measures will be undertaken including;</p> <ul style="list-style-type: none"> • Staff at pilot project sign Codes of Conduct and receive basic training on expected behavior and consequences for breach of the code including GBV and SEA. • GBV-sensitive GBV measures for a complaint's mechanism will be explored and where feasible, GBV service providers will be identified in areas of implementation in advance of survey activities. 	<p>prior to project works commencement.</p>		<p>timeframe and throughout Project implementation.</p>
4.2	<p>SECURITY PERSONNEL. Security personnel to be deployed as part of project personnel must adopt of codes of conduct, GBV and SEA. The LMP will include provision for a Code of Conduct governing all security personnel hired to protect this Project.</p>	<p>Timeframe for preparation of the LMP indicated in action 2.1 above</p>	<p>PCU</p>	<ul style="list-style-type: none"> • Throughout Project implementation

ESS 5: LAND ACQUISITION, RESTRICTIONS ON LAND USE AND INVOLUNTARY RESETTLEMENT

This standard is not relevant for the Project

ESS 6: BIODIVERSITY CONSERVATION AND SUSTAINABLE MANAGEMENT OF LIVING NATURAL RESOURCES

This standard is not relevant for the Project

ESS 7: INDIGENOUS PEOPLES/SUB-SAHARAN AFRICAN HISTORICALLY UNDERSERVED TRADITIONAL LOCAL COMMUNITIES

This standard is not relevant for the Project

ESS 8: CULTURAL HERITAGE

This standard is not relevant for the Project as the project will not entail wetting the pilot in heritage sites

ESS 9: FINANCIAL INTERMEDIARIES

**KENYA REDUCING ENVIRONMENTAL HEALTH RISKS BY IMPROVING MANAGEMENT OF ELECTRONIC WASTE PROJECT (P167788)
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This standard is not relevant for the Project				
ESS 10: STAKEHOLDER ENGAGEMENT AND INFORMATION DISCLOSURE				
10.1	<p>STAKEHOLDER ENGAGEMENT PLAN (SEP): Consistent with the ESS10, prepare, disclose and implement the Stakeholder Engagement Plan (SEP), including the project grievance mechanism.</p> <p>Establish, maintain and operate a grievance mechanism (GM) to ensure reception, logging and timely response to any complaints made about the Project (including those from members of the communities, and other stakeholders), as described in the SEP</p>	<p>Disclosure of the SEP following the clearance by the Bank prior to commencement of the project.</p> <p>GM to be established prior to commencement of Project activities and will be maintained and operated throughout Project implementation.</p>	PCU	<ul style="list-style-type: none"> Ongoing implementation and monitoring.
10.2	<p>Conduct stakeholder consultations to validate and seek the views of stakeholders on SEP and LMP, including on new survey tools and methodologies to ensure they are appropriate to reach all populations including vulnerable and marginalised groups and do not exacerbate tension between groups or communities. These instruments shall be duly updated and disclosed, following the public consultations.</p>	prior to project effectiveness		<ul style="list-style-type: none"> prior to project effectiveness
Capacity Support				
Specify Training to be provided		Specify Targeted Groups and Timeframe	Specify Training Completed	

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	for Delivery		
<p>As example, training may be provided in:</p> <ul style="list-style-type: none"> • ESF in general • ESMF Screening procedures • Preparation and implementation of ES instruments, SEP, LMP • Gender Based Violence (GBV) • GRM • Labor management • Stakeholder engagement 	<p>Targeted groups include the following. Timeframe TBD.</p> <ul style="list-style-type: none"> • PCU • Pilot implementation staff and contractors • Relevant stakeholders 	<p>The Bank staff to provide trainings on relevant safeguards topics to targeted groups on an ongoing basis.</p>	

III. Ghana ESCP

1. The Republic of Ghana is planning to implement the Environmental Health and Pollution Management project to strengthen the capacity of state institutions to manage and regulate mercury use in Artisanal and Small-scale Gold Mining (ASGM) and Persistent Organic Pollutants (POPs)/ Unintentional Persistent Organic Pollutants (UPOPS) in Electronic-waste (e-waste). The project will be implemented through the Environmental Protection Agency (EPA) under the Ministry of Environment Science, Technology, and Innovation (MESTI) and the Minerals Commission (MC) under the Ministry of Lands and Natural Resources (MLNR). The International Bank for Reconstruction and Development and/or International Development Association hereinafter the World Bank is providing financing for the Project.
2. The Republic of Ghana through EPA 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.
3. The Republic of Ghana through EPA will also comply with the provisions of any other E&S documents required under the ESF and referred to in this ESCP, such as Environmental and Social Management Plans (ESMP), Resettlement Action Plans (RAP), Indigenous Peoples Plans (IPPs), and Stakeholder Engagement Plans (SEP), and the timelines specified in those E&S documents.
4. The Republic of Ghana through EPA is responsible for compliance with all requirements of the ESCP even when implementation of specific measures and actions is conducted by the Ministry, agency or unit referenced in 1. above.
5. Implementation of the material measures and actions set out in this ESCP will be monitored and reported to the World Bank by the Republic of Ghana through the project management unit to be set up at EPA as required by the ESCP and the conditions of the legal agreement. The World Bank will also monitor and assess progress and completion of the material measures and actions throughout implementation of the Project.
6. As agreed by the World Bank and the Republic of Ghana, 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 Republic of Ghana through EPA 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 World Bank and EPA acting on behalf of the Republic of Ghana. The EPA 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 Republic of Ghana shall provide additional funds, if needed, to implement Project actions and measures to address such environmental, health, and safety impacts risks and impacts.

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
MONITORING AND REPORTING			
A	<p>REGULAR REPORTING</p> <p>The Environmental Protection Agency will prepare and submit to the World 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 ESCP, stakeholder engagement activities and functioning of the grievance mechanism(s).</p>	<p>This report will be prepared every six months during the project implementation and submitted to the World Bank by the second week of the following month.</p>	<p>The Project Implementation Unit (PCU) within Environmental protection Agency</p>
B	<p>INCIDENTS AND ACCIDENTS</p> <p>The PCU to be set up at EPA will promptly notify the World Bank of any incident or accident related or having an impact on the Project which has, or is likely to have, a significant adverse effect on the environment, the affected communities, the public or workers including situation of fatalities, or serious bodily harm and incidents of gender based violence.</p> <p>Such reports shall 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>This would be done within 48 to 72 hours of PCU becoming aware of the incident/accident.</p>	<p>The Project Implementation Unit (PCU) within Environmental protection Agency</p>
C	<p>CONTRACTORS MONTHLY REPORTS</p> <p>Based on activities under project component 3, the PCU will institutionalized monthly reporting requirement for all contractors that will be engaged work on technology demonstration sites. Such monthly reports would be submitted to the World Bank upon specific request from the bank.</p>	<p>Monthly</p>	<p>Contractors through the supervision and request of the Project Implementation Unit at EPA.</p>
ESS 1: ASSESSMENT AND MANAGEMENT OF ENVIRONMENTAL AND SOCIAL RISKS AND IMPACTS			

MATERIAL MEASURES AND ACTIONS	TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
<p>1.1 ORGANIZATIONAL STRUCTURE A dedicated PCU will be set up under EPA to superintend the overall project management, facilitation of work programs, fiduciary management, supervision of implementation and project reporting. EPA will provide a dedicated Environmental and Social Specialist to support management of E&S risks.</p> <p>Depending on investments considered under Component 3, and their social implications, Social Development Specialists might be further recruited to cover social safeguards aspects. In addition, the project will occasionally use short term consultants to support the assessment, management and reporting on E&S issues.</p>	<p>Within 30 days after the project effectiveness, a PCU staffed with at least Project Coordinator, Environmental and Social Specialist shall be put in place.</p>	<p>Environmental Protection Agency</p>
<p>1.2 ENVIRONMENTAL AND SOCIAL ASSESSMENT The Regional project has developed an Environmental and Social Management Framework (ESMF) which includes activities to be implemented in Ghana.</p> <p>Based on project activities under component 3, an ESMP or ESIA where applicable will be prepared after project screening to address potential E&S risks and impacts. Where there are existing ESIA's (covering the ongoing Bank-funded projects linked with each of the pilots), such ESIA's will be reviewed to assess their coverage of the proposed pilot interventions and to ensure that they are aligned with the requirements of the ESF.</p> <p>Where contractors will be required to work on technology demonstration sites to be set up, each contract will include a condition to implement and comply with the ESMP, including preparing Construction-ESMP.</p>	<p>Prior to the implementation of project component 3 activities.</p>	<p>Project Implementation Unit at EPA, specifically the Project Environmental and Social Safeguard specialist</p>

MATERIAL MEASURES AND ACTIONS	TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
<p>1.3 MANAGEMENT TOOLS AND INSTRUMENTS The Environmental and Social Management Framework (ESMF), Stakeholder Engagement Plan (SEP) including Grievance Redress Mechanisms (GRM) already developed are key environmental and social instruments for the project.</p> <p>In accordance with the ESMF, the project will assess environmental and social associated with subprojects under component 3 through the use of E&S screening tool provided in the ESMF.</p> <p>Based on screening outcome, an ESMP may be developed to manage E&S risks associated with project activities.</p>	<p>The ESMF, SEP and GRM already prepared will be applied throughout the project implementation.</p> <p>When necessary, ESMP will be prepared prior to the creation of the technology demonstration sites.</p>	<p>Project Implementation Unit within EPA, specifically the Environmental and Social Safeguard specialist</p>

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
1.4	<p>MANAGEMENT OF CONTRACTORS</p> <p>The project has developed an ESMF which includes include some general guidelines for contractors. The specific measures for managing contractors on project activities that will involve contractors shall include the following as appropriate:</p> <ul style="list-style-type: none"> ✓ Requirement to comply with National and World Bank environmental and social standards will be included in the procurement and contracting process including bidding documents, for potential civil works. ✓ Relevant E&S requirements will be included in contracts and subcontracts to reflect commitments in ESMF SEP & ESCP.; ✓ Contractors will be required to implement site specific ESMP ✓ Codes of conduct would be required of contractors and subcontractors and their workers; ✓ Contractors will be required to promptly notifying incidents and accidents; ✓ Contractors will be required to set up grievance redress mechanisms for workers, communities and other stakeholders ✓ The project will ensure monthly reporting from contractors, which provide details on contractor’s oversight on environmental, social, health and safety (ESHS) performance. 	<p>Prior to the preparation of procurement documents for engagement and signing of contracts with contractors.</p>	<p>Project Implementation Unit at EPA, specifically Environmental and Social Safeguard Specialist & Procurement Specialist.</p>
ESS 2: LABOR AND WORKING CONDITIONS			
2.1	<p>LABOR MANAGEMENT PROCEDURES</p> <p>The E&S screening and ESMP of subprojects under component 3 will determine whether a specific labor management plan is required. In the case of significant impacts, a labor management procedures (LMP) will be developed by the contractor and submitted to the PCU for review and the World Bank for clearance before implementation. With moderate to low risk, the contractor ESMP will include labor related clauses, Codes of Conduct as well as specific language referencing the prioritization of the hiring of unskilled local labor.</p>	<p>Prior to the implementation of subprojects under component 3.</p>	<p>Contractors and through the supervision of Environmental and Social Safeguard Specialist Project Implementation Unit at EPA.</p>

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
2.2	<p>GRIEVANCE MECHANISM FOR PROJECT WORKERS</p> <p>The project will ensure that contractors engaged establish and operate grievance mechanism for their staff, to address worker grievance, which shall be approved by the Project Management Unit of MOE and cleared by the World Bank.</p>	The grievance mechanism for project workers shall be made operational prior to engaging project staff and maintained throughout the project implementation.	Contractors and through the supervision of Environmental and Social Safeguard Specialist at the Project Implementation Unit at EPA.
2.3	<p>OCCUPATIONAL HEALTH AND SAFETY (OHS) MEASURES</p> <p>The project will ensure that ESMP to be prepared and implemented for subprojects will include measures on OHS to avoid the risk of ill health, accidents, and injuries.</p>	Prior to implementation of subprojects under component 3.	Contractors and through the supervision of Environmental and Social Safeguard Specialist at the Project Implementation Unit at EPA.
<p>ESS 3: RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT [the relevance of ESS3 is established during the ESA process. ESS3 may require the adoption of specific measures to cover energy, water and raw materials use, management of air pollution, hazardous and nonhazardous wastes, chemicals and hazardous materials and pesticides. Depending on the project, these measures may be set out in an E&S document (e.g. ESMP) already mentioned in the section under ESS1 above or as a stand-alone document or a separate action. Indicate whether ESS3-related measures are covered under an existing document or as stand-alone actions. See examples below].</p>			
3.1	<p>E-WASTE MANAGEMENT PLAN:</p> <p>Waste management measures will be covered under the ESMP to be prepared under action 1.2 above. In line with that, the Project will ensure that contractors include in their ESMP measures for waste management:</p> <ul style="list-style-type: none"> • Assign responsibilities for waste management and identifying all sources of wastes, and ensuring wastes are handled by personnel licensed to do so. • Make available suitable facilities for the collection, segregation and safe disposal of the wastes. • Create waste collection areas with clearly marked facilities such as color-coded bins and provide equipment for handling the wastes. 	Prior to implementation of subprojects under component 3.	Project Implementation Unit at EPA, specifically the Environmental and Social Safeguard Specialist and contractors.

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
3.2	<p>RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT:</p> <p>The project will ensure that remaining waste from e-waste pilots are treated or disposed of in a safe manner that includes the appropriate control of emissions and residues resulting from the handling and processing of the waste.</p>	During and after implementation of subprojects under component 3.	Project Implementation Unit at EPA and contractors
<p>ESS 4: COMMUNITY HEALTH AND SAFETY [the relevance of ESS4 is established during the ESA process. As with ESS3, ESS4 may require the adoption of specific measures that may be set out in an E&S document (e.g. ESMP) already mentioned in the section under ESS1 above or as a stand-alone document or a separate action. Indicate whether ESS4-related measures are covered under an existing document or as stand-alone actions. See examples below].</p>			
4.1	<p>TRAFFIC AND ROAD SAFETY:</p> <p>The Project will ensure that all contractors as part of their ESMP have traffic and road safety measures.</p>	Prior to implementation of subprojects under component 3	Project Implementation Unit at EPA
4.2	<p>COMMUNITY HEALTH AND SAFETY:</p> <p>Based on the scale of pilot projects planned under component 3, the project does not anticipate substantial risk to community health and safety. However, some temporary risks such as traffic, noise to neighboring communities through the handling of e-waste. The project will therefore conduct site specific screening to identify all risks to community health and safety and include mitigation measures into the ESMPs to be developed.</p>	Prior to implementation of subprojects under component 3	Project Implementation Unit at EPA
4.3	<p>GBV AND SEA RISKS:</p> <p>The ESMF considered a number of GBV prevention and mitigation measures that the project is committed in adhering to. Nevertheless, the Project will assess site specific GBV risk and as part of ESMP to be developed and implement a GBV and SEA risks mitigation plan.</p> <p>The project will ensure that contractors and subcontractors bidding documents provide requires for GBV and SEA risks mitigation. The project will identify non-governmental organizations with the necessary expertise to support ways to prevent and address GBV issues.</p>	Throughout the project implementation	Project Implementation Unit at EPA

4.4	GBV AND SEA RISKS DURING PROJECT IMPLEMENTATION: The project will make additional funding available for GBV and SEA risk mitigation when needed and this will be costed under the implementation of the ESMP.	Throughout the project implementation	Project Implementation Unit at EPA
4.4	SECURITY PERSONNEL: The Project will assess site specific security risk and as part of the ESMP develop and implement a security personnel management plan if need be.	Prior to implementation of subprojects under component 3	Project Implementation Unit at EPA
ESS 5: LAND ACQUISITION, RESTRICTIONS ON LAND USE AND INVOLUNTARY RESETTLEMENT [the relevance of ESS5 is established during the ESA process. If during Project preparation, it is determined that resettlement documents need to be prepared, this should be reflected in the ESCP. See examples below]			
5.1	Not relevant to this project as the proposed project activities will not lead to land acquisition, displacement and resettlement. The project, however, will be guided by ESS5 when applicable.	Not relevant	Not relevant
5.2	GRIEVANCE MECHANISM Specific grievance mechanism for resettlement is not relevant as there will not be any form of resettlement.	Not Relevant	Not relevant
ESS 6: BIODIVERSITY CONSERVATION AND SUSTAINABLE MANAGEMENT OF LIVING NATURAL RESOURCES [the relevance of ESS6 is established during the ESA process. As with other ESSs, ESS6 may require the adoption of specific measures that may be set out in an E&S document (e.g. ESMP) already mentioned in the section under ESS1 above or as a stand-alone document or a separate action. Indicate whether ESS6-related measures are covered under an existing document or as stand-alone actions. See examples below].			
6.1	The project activities will not be carried out in sensitive ecosystems/habitats/species such as protected areas, forests, wetlands and IUCN listed species. However, the project will be guided by this standard when applicable.	Not relevant	Not relevant
ESS 7: INDIGENOUS PEOPLES/SUB-SAHARAN AFRICAN HISTORICALLY UNDERSERVED TRADITIONAL LOCAL COMMUNITIES [See examples of possible actions below, if determined that ESS7 is relevant].			
7.1	INDIGENOUS PEOPLES PLAN Not relevant to this project as there are no recognized known indigenous people or underserved traditional local communities within the project area and in Ghana.	Not relevant	Not relevant
7.2	GRIEVANCE MECHANISM Specific grievance mechanisms for indigenous people is not relevant to this project as there are no recognized known indigenous people or underserved traditional local communities within the project area and in Ghana.	Not relevant	Not relevant

ESS 8: CULTURAL HERITAGE [the relevance of ESS6 is established during the ESA process. As with other ESSs, ESS6 may require the adoption of specific measures that may be set out in an E&S document (e.g. ESMP) already mentioned in the section under ESS1 above or as a stand-alone document or a separate action. Indicate whether ESS8-related measures are covered under an existing document or as stand-alone actions. See <u>examples</u> below].			
8.1	Not relevant to this project as the proposed project activities will not have any material effects on cultural heritage or lead to chance find. However, the project will be guided by this standard when applicable.	Not relevant	Not relevant
ESS 9: FINANCIAL INTERMEDIARIES [This standard is only relevant for Projects involving Financial Intermediaries (FIs). See below a couple of examples of actions that should be considered when FIs are involved.]			
9.1	Environmental and Social Management System (ESMS) Not relevant to this project as there are no FIs involved in this project. However, the project will be guided by this standard when applicable.	Not relevant	Not relevant
9.2	FI ORGANIZATIONAL CAPACITY: Not relevant to this project	Not relevant	Not relevant
9.3	SENIOR MANAGEMENT REPRESENTATIVE: <i>Not relevant to this project</i>	Not relevant	Not relevant
ESS 10: STAKEHOLDER ENGAGEMENT AND INFORMATION DISCLOSURE			
10.1	STAKEHOLDER ENGAGEMENT PLAN PREPARATION AND IMPLEMENTATION The project has developed a separate SEP that among other issues identifies all relevant stakeholders and defines a suitable plan for engaging, disseminating information, and managing concerns and expectations of stakeholders throughout the project. The Project Implementation Unit will have oversight over the SEP implementation. The team will monitor and document any commitments or actions agreed during consultations, including changes resulting from changes in the design of the project or the SEP.	Before project effectiveness and implemented throughout the project implementation	Project Implementation unit at EPA
10.2	PROJECT GRIEVANCE MECHANISM: The project will maintain and operate a grievance mechanism, as described in the SEP.	Before project effectiveness and maintained throughout the project implementation	Project Implementation unit at EPA

CAPACITY SUPPORT (TRAINING)			
CS1	<p>Consistent with the capacity commitments made in ESMF, the project will provide the following capacity building training for the PCU to facilitate effective implementation of interventions under project component</p> <ul style="list-style-type: none"> ✓ Environmental and social standards of the World Bank; ✓ Applicable laws and regulations; ✓ Benefits of mercury abatement and e-waste management; ✓ Site selection methodology; ✓ Best available technologies and selection; ✓ Use of the technology for recycling and gold extraction; ✓ Environmental and social management plan; ✓ Responsibilities of all stakeholders involved; ✓ ESMP implementation progress report, environmental supervision progress report; ✓ Occupational health and safety. 	Throughout the project implementation	Project Implementation unit at EPA
CS2	<p>TRAINING of CONTRACTORS WORKERS</p> <p>The PCU will ensure that the contractors to be engaged provide specify training for Project workers on gender-based violence, occupational health and safety including on emergency prevention and preparedness and response arrangements to emergency situations.</p>	Throughout the project implementation	Project Implementation unit at EPA Contractors

IV. Senegal ESCP

Gouvernement de la République du Sénégal / Ministère de l'Environnement et du Développement Durable / Direction de l'Environnement et des Établissements Classés

Africa Environmental Health and Pollution Management Program (P167788)

PLAN D'ENGAGEMENT ENVIRONNEMENTAL ET SOCIAL – Version provisoire 1

1. Dans le cadre de la mise en œuvre du projet régional : Environmental Health and Pollution Management Program – EHPMP (P167788) financé par le Fonds pour l'environnement mondial (FEM), le Sénégal envisage de développer un projet visant à réduire les risques liés à la santé et à l'environnement en réduisant les rejets des Polluant Organiques Persistants Produits Non intentionnels (POPPNI / UPOPs selon l'acronyme anglais) et d'autres produits chimiques toxiques, et d'établir une gestion écologiquement rationnelle des déchets urbains.

2. Le Gouvernement de la République du Sénégal mettra en œuvre les mesures et actions concrètes qui sont nécessaires pour faire en sorte que le Projet soit exécuté dans le respect des Normes environnementales et sociales (NES) de la Banque mondiale. Le présent Plan d'engagement environnemental et social (PEES) est un document de synthèse qui énonce ces mesures et actions.

3. Lorsqu'il fait référence à des plans précis ou à d'autres documents déjà établis ou qui doivent l'être, le PEES exige le respect de toutes les dispositions de ces plans ou autres documents.

Aussi, la Banque mondiale suivra et évaluera les progrès et la réalisation des mesures et actions matérielles tout au long de la mise en œuvre du projet. La préparation du PEES inclura le Plan de l'Engagement des parties prenantes (PEPP) y compris le Mécanisme de gestion des plaintes qui seront préparés pour le Projet ainsi que la procédure de gestion de la main d'œuvre.

4. Le tableau qui suit fait un récapitulatif des mesures et actions concrètes nécessaires, ainsi que des délais pour leur réalisation. Le Gouvernement de la République du Sénégal fera respecter toutes les exigences du PEES, même lorsque la mise en œuvre de certaines mesures et actions relève d'une autre structure impliquée, y compris l'unité de coordination du projet (UCP).

5. La mise en œuvre des mesures et actions concrètes définies dans le présent PEES fera l'objet d'un suivi de la part du Gouvernement de la République du Sénégal et de rapports que celui-ci communiquera à la Banque mondiale en application des dispositions dudit Plan et des conditions de l'accord juridique, la Banque assurant le suivi et l'évaluation de l'avancement et de la réalisation de ces mesures et actions concrètes pendant toute la période d'exécution du Projet.

6. Comme convenu par la Banque mondiale et le Gouvernement de la République du Sénégal, le présent PEES pourra être révisé de temps à autre durant la mise en œuvre du Projet, d'une façon qui rend compte de la gestion adaptative des changements ou des situations imprévues pouvant survenir dans le cadre du Projet, ou en réponse à une évaluation de la performance du Projet réalisée en vertu du PEES lui-même. Dans de telles situations, le gouvernement conviendra de ces changements avec la Banque et

révisera le PEES en conséquence. L'accord sur les modifications apportées au PEES sera attesté par l'échange de lettres signées entre la Banque mondiale et le Gouvernement de la République du Sénégal. Le gouvernement publiera sans délai le PEES révisé. En fonction de la nature du Projet, le PEES peut également indiquer le montant des fonds requis pour la réalisation d'une mesure ou d'une action.

7. Lorsque la performance même du Projet ou bien des situations imprévues ou des changements survenus dans le cadre du Projet entraînent une évolution des risques et des effets durant la mise en œuvre du Projet, le Gouvernement de la République du Sénégal mettra à disposition des fonds additionnels, le cas échéant, pour la mise en œuvre des actions et des mesures permettant de faire face à ces risques et effets, qui peuvent comprendre des risques et effets pertinents pour le Projet, comme les effets environnementaux, sanitaires et sécuritaires, l'afflux de main-d'œuvre, des risques de dégradation des ressources naturelles et de pollution sur les milieux (pollution de l'air, des sols et des ressources en eau, réduction de la végétation en cas d'abattage d'arbres et de déboisement, nuisances dues aux activités et aux déchets de chantier) ; des risques de perturbation de la libre circulation et des activités socioéconomiques ; des risques de conflits sociaux en cas d'emploi non local ou de non-respect des us et coutumes ; des risques sur la santé et sécurité des populations (apparition de maladies au niveau des populations et des travailleurs, accidents liés aux activités de chantier, risques sanitaires liés à une mauvaise gestion des déchets biomédicaux, pertes de terres, de biens et violences basées sur le genre – harcèlement sexuel, viols, grossesses non désirées au sein des populations bénéficiaires, etc.) ; et risques liés au travail des enfants.

8. Le tableau qui suit fait un récapitulatif des mesures et actions concrètes nécessaires, ainsi que des délais pour leur réalisation.

Projet EHPMP / SENEGAL				
PLAN D'ENGAGEMENT ENVIRONNEMENTAL ET SOCIAL - Version provisoire 1				
Décembre 20119				
	Exposé sommaire des mesures et actions concrètes à mettre en œuvre pour atténuer les risques et effets environnementaux et sociaux potentiels du Projet	Calendrier	Responsable/ Autorité et ressources/ Source de financement	Date de fin d'exécution
Suivi et rapports du PEES				
	<p>RAPPORTS REGULIERS</p> <p>Le Sénégal préparera et soumettra, régulièrement, à la Banque mondiale des rapports de suivi de la mise en œuvre du PEES via l'unité de coordination du projet (UCP).</p>	<p>Les rapports de suivi de la mise en œuvre seront élaborés et transmis sur une base semestrielle. Une compilation de ces rapports sera effectuée sur une base annuelle.</p> <p>Ces rapports seront élaborés tout au long de la mise en œuvre du projet.</p>	<p>Responsable :</p> <p><i>Chargé du suivi et de l'évaluation, Coordonnateur du projet, Responsable en charge des mesures de sauvegardes environnementale et sociale de l'unité de coordination du projet (UCP)</i></p> <p>Source de financement : budget du projet.</p>	<p><i>Pendant toute la période d'exécution du Projet</i></p>
	<p>NOTIFICATION D'INCIDENTS ET D'ACCIDENTS</p> <p>Le gouvernement signalera immédiatement à la Banque tout incident ou accident lié au projet ou ayant une incidence sur le projet, ou est susceptible d'avoir un impact négatif important sur l'environnement, les</p>	<p>Les notifications d'incidents et d'accidents seront réalisées dans les 48h après avoir pris connaissance de l'incident ou de l'accident. Ce système de notification systématique sera en</p>	<p>Responsable : Coordonnateur du Projet, Responsable en charge des mesures de sauvegardes (en cas de besoin)</p> <p>Source de financement : budget du projet.</p>	<p>Au plus tard 48 heures après enregistrement</p>

	communautés touchées, le public ou les travailleurs. Le gouvernement fournira suffisamment de détails concernant l'incident ou l'accident, en indiquant les mesures immédiates prises pour y remédier.	vigueur tout au long du projet.		
SYNTHÈSE DE L'ÉVALUATION				
NES 1 : EVALUATION ET GESTION DES RISQUES ET IMPACTS ENVIRONNEMENTAUX ET SOCIAUX				
1.1	STRUCTURE ORGANISATIONNELLE Dans le cadre du projet EHPMP/Sénégal, le gouvernement créera, puis maintiendra en place, une structure organisationnelle à l'appui de la gestion des risques environnementaux et sociaux. Il s'agira du Comité technique du Projet et de l'UCP.	<i>Le Comité technique du Projet et l'UCP seront mis en place avant le démarrage du Projet</i> Le recrutement de spécialiste en environnement et en développement social sera effectué au début du projet.	Responsable : Ministère de l'Environnement et du Développement Durable Source de financement : budget du projet.	<i>Pendant toute la période d'exécution du Projet.</i>
1.2	ÉVALUATION ENVIRONNEMENTALE ET SOCIALE Des évaluations environnementale et sociale seront réalisées systématiquement pour l'ensemble des sous-projets associés afin d'identifier et d'évaluer les risques et impacts environnementaux et sociaux et les mesures d'atténuation appropriées.	Avant le démarrage de chacune des activités concernées. La mise en œuvre des mesures des études E&S sera maintenue tout au long de la mise en œuvre du projet notamment à travers la mise en œuvre des PGES.	Responsable : L'unité de coordination du projet (UCP) Source de financement : budget du projet.	<i>Avant l'évaluation du projet par la Banque mondiale, et périodiquement pendant toute la période d'exécution du Projet, selon les besoins</i>

<p>1.3</p>	<p>OUTILS ET INSTRUMENTS DE GESTION</p> <p>L'ensemble des recommandations et plan de gestion issues des évaluations environnementales et sociales seront mis en œuvre et suivi, cela comprendra notamment les outils de suivi du CGES, du PGES ainsi que l'ensemble des PGES des EIES qui seront réalisées dans le cadre du projet.</p>	<p>Une version provisoire des outils et instruments de sauvegardes a été élaborée avant l'évaluation du projet.</p> <p>Les autres instruments de gestion identifiés ou qui pourraient être nécessaires dans le cadre de la mise en œuvre du projet notamment EIES-NIES-PGES, screening E&S. etc., seront élaborés avant la mise en œuvre des activités y relatives.</p> <p>Les outils de suivi de ces instruments seront utilisés tout au long du projet.</p>	<p>Responsable : L'unité de coordination du projet (UCP)</p> <p>Source de financement : budget du projet.</p>	<p><i>Application des outils et instruments de gestion requise pendant toute la période d'exécution du Projet</i></p>
<p>1.4</p>	<p>GESTION DES FOURNISSEURS ET PRESTATAIRES : par le biais d'appel d'offres ou sélection directe selon les cas. Le gouvernement exigera l'élaboration et la mise en œuvre de procédures, conformes à la législation nationale et aux normes E&S de la Banque, applicables aux fournisseurs et prestataires de services ainsi que leurs sous-traitants.</p> <p><i>Le gouvernement veillera à ce que tous</i></p>	<p><i>Avant de sélectionner des fournisseurs ou prestataires de services</i></p>	<p>Responsable : L'unité de coordination du projet (UCP)</p> <p>Source de financement : budget du projet.</p>	<p><i>Application de ces mesures pendant toute la période d'exécution du Projet</i></p>

	<i>les marchés et contrats obligent les fournisseurs/prestataires et sous-traitants à respecter les outils et instruments de gestion visés plus haut à la Section 1.3.</i>			
1.5	<p>PERMIS, APPROBATIONS ET AUTORISATIONS</p> <p>Le gouvernement obtiendra ou aidera à obtenir, selon le cas, les permis, consentements et autorisations applicables au Projet en vertu de la législation en vigueur auprès des autorités nationales compétentes.</p>	Avant le démarrage de toute activité exigeant un permis, une approbation ou une autorisation est nécessaire.	<p>Responsable : L'unité de coordination du projet (UCP)</p> <p>Source de financement : budget du projet.</p>	<i>Pendant toute la période d'exécution du Projet,</i>
NES 2 : EMPLOI ET CONDITIONS DE TRAVAIL				
2.1	<p>PROCÉDURES DE GESTION DE LA MAIN D'OEUVRE</p> <p>Le gouvernement élaborera des procédures de gestion de la main-d'œuvre en conformité avec les dispositions nationales et la NES n°2, prenant en compte la procédure de recrutement et de gestion des emplois au sein du projet. Ces procédures seront énoncées dans un document intitulé Procédures de gestion de la main-d'œuvre. Ces procédures prévoient également les clauses d'utilisation des services des travailleurs (qualifiés/non qualifiés, consultants,</p>	<i>Avant l'évaluation du projet par la Banque mondiale.</i>	<p>Responsable : L'unité de coordination du projet (UCP)</p> <p>Source de financement : budget du projet.</p>	<p>Permanent : La première version des procédures sera préparée et elles doivent être révisées lorsque d'autres informations seront disponibles</p>

	fonctionnaires, détachés, etc.) nationaux et étrangers conformément au Code du travail. Ces clauses devront figurer dans les contrats des fournisseurs/prestataires et des sous-traitants, interdire l'emploi des enfants et le travail forcé, et garantir le droit de se regrouper en syndicat.			
2.2	<p>MECANISME DE GESTION DES PLAINTES DES TRAVAILLEURS DU PROJET</p> <p>Le gouvernement développera et assurera un mécanisme de réclamation pour les travailleurs du projet et veillera à ce que les fournisseurs/prestataires et les sous-traitants du Projet préparent et maintiennent en place un mécanisme de gestion des plaintes (MGP) relatives à toute question liée au travail ou à l'emploi dans le cadre du Projet, qui sera facilement accessible aux travailleurs du Projet et conforme à la NES n°2 et à la législation du travail du Sénégal.</p>	<p><i>Avant le démarrage des activités.</i></p>	<p>Responsable : L'unité de coordination du projet (UCP)</p> <p>Source de financement : budget du projet</p>	<p><i>Pendant toute la période d'exécution du Projet</i></p>
2.3	<p>MESURES DE SANTE ET DE SECURITE AU TRAVAIL (STT)</p> <p>Le gouvernement veillera à ce que les fournisseurs/prestataires du Projet élaborent et appliquent un plan relatif à la santé et à la sécurité au travail (SST).</p>	<p>Avant le démarrage des travaux. Ces mesures seront maintenues tout au long de la mise en œuvre du Projet.</p>	<p>Responsable : L'unité de coordination du projet (UCP)</p> <p>Source de financement : budget du projet</p>	<p><i>Pendant toute la période d'exécution du Projet</i></p>

2.4	<p>FORMATION ET SENSIBILISATION DES TRAVAILLEURS DE PROJET Des formations à l'attention des travailleurs du Projet seront organisées et comprendront une présentation des risques du Projet, elles devront permettre d'atténuer les risques du Projet sur les populations locales. Cette formation sera dispensée à la fois aux personnels du projet et aux travailleurs liés au projet notamment sur les sites d'intervention du projet.</p>	Tout au long de l'exécution du projet	<p>Responsable : L'unité de coordination du projet (UCP)</p> <p>Source de financement : budget du projet</p>	À tout moment dès que le besoin est exprimé et tout au long de la durée du projet
NES 3 : EFFICACITÉ DES RESSOURCES ET PRÉVENTION ET GESTION DE LA POLLUTION				
	<p>GESTION DES DÉCHETS ET DES MATIÈRES DANGEREUSES :</p> <p>Le gouvernement veillera à la mise en œuvre du Plan de gestion des déchets et des matières dangereuses dans les municipalités concernées.</p> <p>Le gouvernement veillera à ce que les fournisseurs/prestataires du Projet élaborent et mettent en œuvre un Plan de gestion des déchets et des matières dangereuses.</p>	Ces procédures de gestion sont inscrites systématiquement dans les PGES et dans les marchés/contrats du projet.	<p>Responsable : L'unité de coordination du projet (UCP)</p> <p>Source de financement : budget du projet</p>	<i>Pendant toute la période d'exécution du Projet</i>
NES 4 : SANTÉ ET SÉCURITÉ COMMUNAUTAIRES				
4.1	<p>SANTÉ ET SÉCURITÉ DES POPULATIONS</p> <p>Le gouvernement veillera à ce que les fournisseurs/prestataires élaborent et</p>	<i>Au démarrage des activités.</i>	Responsable : L'unité de coordination du projet (UCP)	<i>Pendant toute la période d'exécution du Projet</i>

	mettent en œuvre des mesures et actions permettant d'évaluer et de gérer les risques et les effets que pourraient engendrer les activités du Projet pour les populations locales, y compris ceux liés à la présence des travailleurs du Projet et à l'afflux de main-d'œuvre.		Source de financement : budget du projet	
4.2	RISQUES DE VIOLENCE BASEE SUR LE GENRE (VBG) ET D'EXPLOITATION ET ABUS SEXUELS A déterminer durant l'élaboration du plan de gestion de la main-d'œuvre			
4.3	PERSONNEL DE SECURITE Des évaluations des risques sur les communautés locales et du personnel de surveillance des zones d'intervention du projet seront réalisées dans le cadre de chacune des évaluations environnementale et sociale prévues pour la mise en œuvre des activités et des mesures pour gérer ces risques seront incluses dans les PGES y relatifs.	Ces procédures de gestion sont inscrites systématiquement dans les PGES. Les formations seront réalisées suite à la réalisation des EIES	Responsable : L'unité de coordination du projet (UCP) Source de financement : budget du projet	<i>Pendant toute la période d'exécution du Projet</i>
4.4	FORMATION A L'ATTENTION DES POPULATIONS Des formations à l'attention des communautés locales en ce qui concerne les risques du projet et les mesures d'atténuation prévues seront	Les formations seront réalisées suite à la réalisation des EIES	Responsable : L'unité de coordination du projet (UCP)	<i>Pendant toute la période d'exécution du Projet</i>

	organisées avec les municipalités concernées.		Source de financement : budget du projet	
NES 5 : ACQUISITION DE TERRES, RESTRICTIONS A L'UTILISATION DES TERRES ET REINSTALLATION INVOLONTAIRE				
5.1	ACQUISITION DE TERRES ET REINSTALLATIONS Aucune acquisition de terres ou de réinstallation involontaire n'est prévue dans le cadre du Projet			
5.2	PLAN DE REINSTALLATION Aucune réinstallation involontaire n'est prévue dans le cadre du Projet.			
5.3	SUIVI ET RAPPORTS ET MÉCANISME DE GESTION DES PLAINTES			
NES 6 : CONSERVATION DE LA BIODIVERSITE ET GESTION DURABLE DES RESSOURCES NATURELLES				
6.1	RISQUES ET IMPACTS SUR LA BIODIVERSITÉ			
NES 7 : PEUPLE AUTOCHTONES / COMMUNAUTES LOCALES TRADITIONNELLES D'AFRIQUE SUBSAHARIENNE HISTORIQUEMENT DEFAVORISEES				
NES 8 : PATRIMOINE CULTUREL				
	PATRIMOINE CULTUREL et DECOUVERTES FORTUITES Les activités du Projet ne comportent			

	pas de risque pour le patrimoine culturel.			
8.1	PATRIMOINE CULTUREL et DECOUVERTES FORTUITES Aucune procédure de découverte fortuite n'est à prévoir.			
NES 9 : INTERMEDIAIRES FINANCIERS N/A				
NES 10 : MOBILISATION DES PARTIES PRENANTES ET DIVULGATION D'INFORMATIONS				
10.1	PRÉPARATION DU PMPP Le gouvernement préparera un Plan d'engagement des parties prenantes (PEPP), qui sera rédigé et diffusé avant l'évaluation du Projet.	Dès le début du projet	Responsable : L'unité de coordination du projet (UCP) Source de financement : budget du projet	Modifiable, selon les besoins, pendant toute la période d'exécution du Projet
10.2	MISE EN OEUVRE DU PMPP Le PMPP, incluant le mécanisme de gestion des plaintes et griefs, pourra être modifié et actualisé (et rediffusé) selon les besoins pendant l'exécution du Projet.	Au démarrage du projet et pendant sa mise en œuvre.	Responsable : L'unité de coordination du projet (UCP) Source de financement : budget du projet	<i>Pendant toute la période d'exécution du Projet</i>
10.3	MÉCANISME DE GESTION DES PLAINTES AU NIVEAU DU PROJET : Le gouvernement élaborera et mettra en œuvre les modalités applicables au Mécanisme de gestion des plaintes et de recours.	Au démarrage du projet et pendant sa mise en œuvre.	Responsable : L'unité de coordination du projet (UCP) Source de financement : budget du projet	<i>Pendant toute la période d'exécution du Projet</i>

V. Zambia ESCP

VI. Tanzania ESCP

1. The United Republic of Tanzania *is planning to implement* the Environmental Health and Pollution Management Project (the **Project**), with the involvement of the following Ministries/agencies/units: *[name] [add other Ministries/agencies/units involved]*. The *[International Bank for Reconstruction and Development/International Development Association] (hereinafter the [Bank/the Association]) [has agreed to provide] [is providing]* financing for the Project.
2. The United Republic of Tanzania 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 United Republic of Tanzania will also comply with the provisions of any other E&S documents required under the ESF and referred to in this ESCP, such as Environmental and Social Management Plans (ESMP), Resettlement Action Plans (RAP), Indigenous Peoples Plans (IPPs), and Stakeholder Engagement Plans (SEP), and the timelines specified in those E&S documents.
4. The United Republic of Tanzania is responsible for compliance with all requirements of the ESCP even when implementation of specific measures and actions is conducted by the Ministry, agency or unit referenced in 1. above.
5. Implementation of the material measures and actions set out in this ESCP will be monitored and reported to the World Bank by the United Republic of Tanzania as required by the ESCP and the conditions of the legal agreement, and the World Bank will monitor and assess progress and completion of the material measures and actions throughout implementation of the Project.
6. As agreed by the World Bank and the United Republic of Tanzania, 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 United Republic of Tanzania will agree to the changes with the World 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 World Bank and the the United Republic of Tanzania. The United Republic of Tanzania 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 United Republic of Tanzania shall provide additional funds, if needed, to implement actions and measures to address environmental, health, and safety impacts risks and impacts.

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
MONITORING AND REPORTING			
A	<p>REGULAR REPORTING</p> <p>Prepare and submit to the World 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 ESCP, stakeholder engagement activities, functioning of the grievance mechanism(s).</p>	Quarterly throughout Project implementation.	Project Coordinating Unit (PCU)
B	<p>INCIDENTS AND ACCIDENTS</p> <p>Promptly notify the World Bank of any incident or accident related or having an impact on the Project which has, or is likely to have, a significant adverse effect on the environment, the affected communities, the public or workers including situation of fatalities, or serious bodily harm and incidents of gender based violence.</p> <p>Such reports shall 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>	This would be done within 48 hours of PCU becoming aware of the incident/accident.	Project Coordinating Unit (PCU)
C	<p>CONTRACTORS MONTHLY REPORTS</p> <p>Based on activities under project component 3, the PCU will institutionalized monthly reporting requirement for all contractors that will be engaged work on technology demonstration sites. Such monthly reports would be submitted to the World Bank upon specific request from the bank.</p>	Monthly	Contractors through the supervision and request of the PCU
ESS 1: ASSESSMENT AND MANAGEMENT OF ENVIRONMENTAL AND SOCIAL RISKS AND IMPACTS			

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
1.1	<p>ORGANIZATIONAL STRUCTURE</p> <p>NEMC will establish a Project Coordinating Unit (PCU) that will be responsible for overall coordination and facilitation of the work programme. A senior officer from NEMC's core staff will be appointed as Project Coordinator, who will report to the Director General of NEMC.</p>	Prior to Project effectiveness.	NEMC
1.2	<p>ENVIRONMENTAL AND SOCIAL ASSESSMENT</p> <p>The Regional project has developed an Environmental and Social Management Framework (ESMF) which includes activities to be implemented in Tanzania.</p> <p>Based on project activities under component 3, an ESMP or ESIA where applicable will be prepared after project screening to address potential E&S risks and impacts. Where there are existing ESIA's (covering the ongoing Bank-funded projects linked the pilots), such ESIA's will be reviewed to assess their coverage of the proposed pilot interventions and to ensure that they are aligned with the requirements of the ESF.</p> <p>Where contractors will be required to work on technology demonstration sites to be set up, each contract will include a condition to implement and comply with the ESMP, including preparing Construction-ESMP.</p>	Prior to the implementation of project component 3 activities.	PCU specifically the Project Environmental and Social Safeguard specialist
1.3	<p>MANAGEMENT TOOLS AND INSTRUMENTS</p> <p>The following will be developed</p> <ul style="list-style-type: none"> • Labor Management Plan (LMP) • Stakeholder Engagement Plan including Grievance Redress Mechanisms (GRM) <p>In accordance with the ESMF, the project will assess environmental and social risks under component 3 through the use of E&S screening tool provided in the ESMF.</p> <p>Based on screening, an ESMP may be developed to manage E&S risks associated with project activities.</p>	<p>LMP, SEP with GRM prior to effectiveness.</p> <p>When necessary, ESMP will be prepared prior to implementation of the demonstration pilots</p>	PCU

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
1.4	<p>MANAGEMENT OF CONTRACTORS</p> <p>The project has developed an ESMF which includes include some general guidelines for contractors. The specific measures for managing contractors on project activities that will involve contractors shall include the following as appropriate:</p> <ul style="list-style-type: none"> • Requirement to comply with National and World Bank environmental and social standards will be included in the procurement and contracting process including bidding documents, for potential civil works; • Relevant E&S requirements will be included in contracts and subcontracts to reflect commitments in ESMF, SEP & ESCP; • Contractors will be required to implement site specific ESMP • Codes of conduct would be required of contractors and subcontractors and their workers; • Contractors will be required to promptly notifying incidents and accidents; • Contractors will be required to set up grievance redress mechanisms for workers, communities and other stakeholders • The project will ensure monthly reporting from contractors, which provide details on contractor’s oversight on environmental, social, health and safety (ESHS) performance. 	<p>Prior to the preparation of procurement documents for engagement and signing of contracts with contractors.</p>	<p>PCU</p>
ESS 2: LABOR AND WORKING CONDITIONS			
2.1	<p>LABOR MANAGEMENT PROCEDURES</p> <p>Consistent with the LMP and ESS2, develop and implement labor management procedures to address labor risks.</p> <p>In the case of substantial risk, labor management procedures (LMP) will be developed by the contractor and submitted to the PCU for review and the World Bank for clearance before implementation. With moderate to low risk, the contractor ESMP will include labor related clauses, Codes of Conduct as well as specific language referencing the prioritization of the hiring of unskilled local labor.</p>	<p>Incorporation of relevant provisions of LMP into procurement documents (including in the form of contractor’s LMP)</p>	<p>PCU</p>

MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
2.2	<p>GRIEVANCE MECHANISM FOR PROJECT WORKERS</p> <p>The project will ensure that contractors engaged establish and operate grievance mechanism for their staff, to address worker grievance and for the communities.</p>	The grievance mechanism for project workers and communities shall be made operational prior to engaging project staff and maintained throughout the project implementation.	Contractors and through the supervision of Environmental and Social Safeguard Specialist at the PCU
2.3	<p>OCCUPATIONAL HEALTH AND SAFETY (OHS) MEASURES</p> <p>The project will ensure that ESMP to be prepared and implemented for subprojects will include measures on OHS to avoid the risk of ill health, accidents, and injuries.</p>	Prior to implementation of subprojects under component 3.	Contractors and through the supervision of Environmental and Social Safeguard Specialist at the PCU
ESS 3: RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT			
3.1	<p>RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT:</p> <p>The contractor will develop and implement measures and actions to manage waste as required by the ESMP.</p> <p>The technology will be selected based on screening to ensure the technology is not a source of pollution or waste</p>	Prior to construction.	PCU and contractor

ESS 4: COMMUNITY HEALTH AND SAFETY			
4.1	<p>TRAFFIC AND ROAD SAFETY:</p> <p>The Project will ensure that all contractors as part of their ESMP have traffic and road safety measures.</p>	Prior to implementation of subprojects under component 3	PCU
4.2	<p>COMMUNITY HEALTH AND SAFETY:</p> <p>Based on the scale of pilots planned under component 3, the project does not anticipate substantial risk to community health and safety. However, some temporary risks such as traffic, noise, dust to neighboring communities is possible. The project will therefore conduct site specific screening to identify all risks to community health and safety and include mitigation measures into the ESMPs to be developed.</p>	Prior to implementation of subprojects under component 3	PCU

4.3	<p>GBV AND SEA RISKS: GBV risks under the project are not anticipated. While contextual risk of GBV not foreseen, the number of project workers will be minimal with limited impact on community or household dynamics. Basic mitigation measures will be undertaken including;</p> <ul style="list-style-type: none"> • Staff at pilot project sign Codes of Conduct and receive basic training on expected behavior and consequences for breach of the code including GBV and SEA. • GBV-sensitive GBV measures for a complaint’s mechanism will be explored and where feasible, GBV service providers will be identified in areas of implementation in advance of survey activities. <p>The project will ensure that contractors bidding documents requires for GBV and SEA risks mitigation. The project will identify non-governmental organizations with the necessary expertise to support ways to prevent and address GBV issues.</p>	GBV-related provisions prior to project works commencement.	PCU
4.4	<p>SECURITY PERSONNEL: The Project will assess site specific security risk and as part of the ESMP develop and implement a security personnel management plan if need be.</p>	Prior to implementation of subprojects under component 3	PCU

ESS 5: LAND ACQUISITION, RESTRICTIONS ON LAND USE AND INVOLUNTARY RESETTLEMENT

5.1	Not relevant to this project.	Not Relevant	Not relevant
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ESS 6: BIODIVERSITY CONSERVATION AND SUSTAINABLE MANAGEMENT OF LIVING NATURAL RESOURCES

6.1	Not relevant to this project	Not Relevant	Not relevant
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ESS 7: INDIGENOUS PEOPLES/SUB-SAHARAN AFRICAN HISTORICALLY UNDERSERVED TRADITIONAL LOCAL COMMUNITIES

7.1	Not relevant to this project	Not Relevant	Not relevant
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ESS 8: CULTURAL HERITAGE

8.1	Not relevant to this project	Not Relevant	Not relevant
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ESS 9: FINANCIAL INTERMEDIARIES

9.1	Not relevant to this project	Not Relevant	Not relevant
ESS 10: STAKEHOLDER ENGAGEMENT AND INFORMATION DISCLOSURE			
10.1	STAKEHOLDER ENGAGEMENT PLAN PREPARATION AND IMPLEMENTATION Prepare and develop a SEP that among other issues identifies all relevant stakeholders and defines a suitable plan for engaging, disseminating information, and managing concerns and expectations of stakeholders throughout the project.	Disclosure of the SEP following the clearance by the Bank prior to commencement of the project.	PCU
10.2	PROJECT GRIEVANCE MECHANISM: Prepare, adopt, maintain and operate a grievance mechanism, as described in the SEP.	GM to be established prior to commencement of Project activities and will be maintained and operated throughout Project implementation.	PCU
CAPACITY SUPPORT (TRAINING)			
CS1	Consistent with the capacity commitments made in ESMF, the project will provide the following capacity building training for the PCU to facilitate effective implementation of interventions under project component <ul style="list-style-type: none"> ✓ Environmental and social standards of the World Bank; ✓ Applicable laws and regulations; ✓ Site selection methodology; ✓ Best available technologies and selection; ✓ Use of the technology for recycling and gold extraction; ✓ Environmental and social management plan; ✓ Responsibilities of all stakeholders involved; ✓ ESMP implementation progress report, environmental supervision progress report; ✓ Occupational health and safety. 	Throughout the project implementation	Project Implementation unit at EPA
CS2	TRAINING of CONTRACTORS WORKERS The PCU will ensure that the contractors to be engaged provide specify training for Project workers on the code of conduct, E&S provisions to be followed as per the ESMP and Contractor ESMP including gender-based violence, occupational health and safety, emergency prevention and preparedness and response arrangements to emergency situations.	Throughout the project implementation	Project Implementation unit at EPA Contractors

