



Lao People's Democratic Republic  
Peace Independence Democracy Unity Prosperity

Ministry of Public Works and Transport

**The Northern Lao PDR Regional Economic Corridor and  
Connectivity (NLRECC) Project (P176088)**

**Environmental and Social Commitment Plan (ESCP)**

Prepared by: Environmental Research and Disaster Prevention Division  
(EDPD)

Public Works and Transport Research Institute (PTRI)

08 December 2021\_Revised Draft

## **ENVIRONMENTAL AND SOCIAL COMMITMENT PLAN (ESCP)**

1. The Ministry of Public Works and Transport (MPWT) through the Department of Planning and Cooperation (DPC) is implementing the Northern Lao PDR Regional Economic Corridor and Connectivity (NLRECC) (“the Project”) with the involvement of the following sectoral implementing agencies will include: (a) MAF, which will be responsible for institutional and operational capacity development in agricultural trade facilitation; (b) Customs Department under the Ministry of Finance (MOF) and the Department of Import and Export under the MOIC, which will be responsible for implementing Customs and trade facilitation activities through the National Trade Facilitation Committee (NTFC) and Provincial Trade Facilitation Committee (PTFC); (c) Ministry of Public Security (MoPS), which will be responsible for overall border facility management and security, immigration and border crossings, and relevant provincial authorities, which will involve in roads improvement and maintenance, dry-ports development, the cross-border facility management, management of private sector investment, and ensure consistency between national regulations and local practices of border facility operation. In addition, Lao Women Union and committees for advance of women in agencies concerned will involve in activities related to gender development. Furthermore, the private sector will involve in implementing certain aspects of dry ports and logistics development, and road improvement works, under a Public-Private Partnership (PPP) using an Output and Performance-Based Road Contracts (OPBRC). The World Bank, herein the Bank, is providing financing for the project.
2. MPWT 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. MPWT 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 Framework (ESMF), Resettlement Policy Framework (RPF), Ethnic Groups Engagement Framework (EGEF), Stakeholder Engagement Plans (SEP), and related plans that are prepared (ESMPs, RAPs, EGEPs) and the timelines specified in those E&S documents.
4. MPWT 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 para 1 above.
5. Implementation of the material measures and actions set out in this ESCP will be monitored and reported to the Bank by MPWT 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 MPWT, 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, MPWT 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 MPWT. MPWT will promptly disclose the updated ESCP.

7. The EDPD/PTRI will also work closely with the other implementing Ministries to ensure proper implementation and monitoring of the ESCP.

8. Where Project changes, unforeseen circumstances, or Project performance result in changes to the risks and impacts during Project implementation, MPWT 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, labor influx and land acquisition.

| Summary of the Material Measures and Actions to Mitigate the Project's Potential Environmental and Social Risks and Impacts |  | Timeframe   | Responsible Entity/Authority   |
|---|--|---|--|
| <b>MONITORING AND REPORTING</b>   |  |   |  |
| A   | <p><b>REGULAR REPORTING</b></p> <ul style="list-style-type: none"> <li>As a part of its regular project reporting, 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&amp;S documents required under the ESCP, stakeholder engagement activities, functioning of the grievance mechanism (GRM).</li> </ul>  | <p>Quarterly, throughout project implementation.</p> <p>Annual progress report, throughout the project implementation.</p>  | PTRI of MPWT   |
| B   | <p><b>INCIDENTS AND ACCIDENTS</b></p> <ul style="list-style-type: none"> <li>Prepare and operationalize the Incident Reporting Mechanism</li> <li>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 road traffic related accidents on the project roads and other incidents occurred in the project construction sites or related to project financed civil works.</li> <li>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. Subsequently, as per the World Bank's request, prepare a report on the incident or accident and propose any measures to prevent its recurrence. See also notification of the operational health and safety (OHS) requirements in the Labor Management Procedures (LMP).</li> </ul> | <p>Within three months after the project effectiveness (prior to the start of construction works)</p> <p>Notify the Bank within 48 hours after learning of the incident or accident; a report will be provided within 3 business days after the incident or accident.</p> | <p>Component Management Units (CMUs) in each ministry (MAF, MOIC, MPI, MOPS, PMWT) will be responsible within their components and will report through the MPWT PMU.</p> |
| C   | <p><b>CONTRACTORS MONTHLY REPORTS</b></p>  | <p>Monthly (and upon request by the Bank)</p>   |  |

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|   | <ul style="list-style-type: none"> <li>Submit monthly monitoring report summarizing the implementation of environmental and social (ES) mitigation measures, to the DPWT.</li> <li>Submit such monthly reports to the Bank by the MPWT upon request.</li> </ul>  |  | Contractors (and by MPWT to the Bank upon request) |
| <b>ESS 1: ASSESSMENT AND MANAGEMENT OF ENVIRONMENTAL AND SOCIAL RISKS AND IMPACTS</b>                                       |  |  |  |
| 1.1   | <p><b>ORGANIZATIONAL STRUCTURE</b></p> <ul style="list-style-type: none"> <li>Establish and maintain two (2) focal persons to handle E&amp;S concerns (one for each) at the PMU of MPWT; and 1 focal person to handle E&amp;S concerns in each of the CMUs in MOIC, MAF and MPI. Also assign one (1) focal person for E&amp;S at the DWPTs of the 5 provinces. The PMU, CMUs and DWPTs shall comprise qualified staff, to ensure proper management of the E&amp;S risks. The EDPD/PTRI of MPWT at the national level will hire and mobilize one (1) Social Safeguard Consultant and one (1) Environmental Safeguard Consultant that would provide capacity building and trainings to these E&amp;S focal persons.</li> </ul>   | <p>Established within 30 days of project effectiveness</p> <p>Maintained throughout project implementation</p>                             | MPWT; MOIC; MAF; MPI and PTRI                      |
| 1.2   | <p><b>ENVIRONMENTAL AND SOCIAL ASSESSMENT</b></p> <ul style="list-style-type: none"> <li>Update, adopt and implement, in a manner acceptable to the Bank, the E&amp;S documents as follows: Environmental and Social Management Framework (ESMF) – which includes Labor Management Procedures (LMP) – Ethnic Groups Engagement Framework (EGEF), Resettlement Policy Framework (RPF), this ESCP, the Stakeholder Engagement Plan (SEP) and any other future plans.</li> <li>The MPWT will conduct the Feasibility Study (FS) and Environmental and Social Impact Assessment (ESIA) and prepare its associated Environmental and Social Management Plans (ESMP) for the works and activities supported by the NLRECC project, following the screening procedures, assessment protocols and measures described and agreed in the ESMF and the other instruments prepared for the project (EGEF, SEP, RPF) to comply with the ESF Standards and National regulations. The ESIA/ESMP will develop</li> </ul> | Update, adopt and implement the materials and actions as per the ESMF which includes EGEF; RPF and ESCP throughout project implementation. | MPWT   |

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|   | <p>site specific environmental and social clauses to be included in the tender documents to ensure implementation by contractors. RAP and EGEP are also expected to be prepared.</p> <ul style="list-style-type: none"> <li>In case the CERC (Emergency component) is activated, the government will follow the CERC addendum to be included in the ESMF.</li> </ul>   | <p>The FS/ESIA to start in early 2022. All plans to be prepared, consulted and disclosed prior to the start of site-specific project activities.</p> <p>Conducted throughout the project implementation</p> |   |
| 1.3   | <p><b>MANAGEMENT TOOLS AND INSTRUMENTS</b></p> <ul style="list-style-type: none"> <li>Screen any proposed subprojects in accordance with the ESMF prepared for the Project, and thereafter, draft, consult, adopt and implement the subproject ESMPs and other plans, as required, in a manner acceptable for the Bank.</li> <li>A site-specific management plan will be prepared to manage identified impacts, including indirect, cumulative and transboundary impacts. PTRI, MPWT and DWPT are to ensure adequate resources (human and finance) for the implementation of impact mitigation and management plan.</li> <li>The TORs for project's technical assistance activities (technical studies, institutional strengthening and update of legal framework) will be reviewed by the Bank prior to procurement/start of activities for no objection, to ensure that ESF requirements are effectively integrated. Potential risks and impacts associated with any downstream activities will be considered through these TORs.</li> </ul> | <p>Throughout the project implementation and prior to the start of relevant project activities</p> <p>Prior to the procurement/start of activities</p>  | <p>PTRI, MPWT and DWPT at the Provincial level</p> <p>TORs will be submitted to the World Bank by each Component Management Units and PMU</p> |
| 1.4   | <p><b>EMERGENCY COMPONENT</b></p> <ul style="list-style-type: none"> <li>The Government has prepared a CERC addendum to the ESMF that describes the protocols to follow in case the Emergency Component is activated following the agreed procedures with the World Bank. The protocol describes the institutional arrangement,</li> </ul>   | <p>Throughout the emergency period</p>  | <p>MPWT and PTRI</p>  |

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|   | screening procedures, risk and mitigation measures to be implemented for the investments to be made in case of the emergency.  |  |   |
| 1.5   | <p><b>MANAGEMENT OF CONTRACTORS</b></p> <ul style="list-style-type: none"> <li>• Incorporate the relevant aspects of the ESCP, including the relevant E&amp;S documents and/or plans, and the Labor Management Procedures, into the ESHS specifications of the procurement documents with contractors. Thereafter ensure that the contractors comply with the ESHS specifications of their respective contracts. ‘</li> <li>• Prior to starting any procurement processes, the MPWT will ensure that the corresponding ESIA/ESMP has been prepared, consulted and disclosed and that the environmental and social management units have been involved in the review of terms of reference, request for proposal, evaluation of the environmental and social items on the proposal, inclusion of environmental and social clauses for tender documents (national or World Bank, post or prior review) and contracts to ensure compliance by contractors and subcontractors of the ESCP, ESMF, SEP, LMP and the specific ESIA, ESMPs and any other plans prepared for the project and subprojects.</li> <li>• The MPWT will require all contractors and subcontractors the implementation of the following procedures included in the bidding documents and contracts. <ul style="list-style-type: none"> <li>○ Construction ESMPs: Requirements for the preparation of a Construction ESMPs following the ESIA/ESMP prepared by the government and the ToR/contracts to builders which are satisfactory to the Bank.</li> <li>○ Social commitments on child labor; GBV; SEA/SH and VAC</li> <li>○ Work plan and Timeline</li> <li>○ Labour Management and Health and Safety procedures as required in the LMP</li> <li>○ Standard working procedures/methodologies</li> <li>○ Workers Code of Conduct (CoC)</li> <li>○ Workers GRM</li> </ul> </li> </ul> | <p>ESHS specifications to be included in bidding documents and contractor's contracts</p> <p><i>Implementation of these actions by the contractors and supervision of contractors, throughout Project implementation</i></p> | <p>The MPWT PMU and CMUs will be responsible for bid and contract preparation with the support from PTRI to ensure relevant E&amp;S documents are included.</p> <p>PTRI and DWPTs at the Provincial level and Contractors</p> |

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|   | <ul style="list-style-type: none"> <li>○ Communication plan as agreed in the SEP that incorporate COVID19 communication measures</li> <li>○ GBV and SEA/SH Action Plan</li> <li>○ ESHS Action Plan</li> <li>○ Contingency/Emergency Plan</li> <li>○ Submission of monthly reports on accidents, grievances and any other issues affecting construction (lack of water, permits delay, etc).</li> </ul>   |   |  |
| 1.6   | <p>The Government will develop environmental and social requirements following the measures described and agreed in the ESMF, RPF, RAP, ESIA/ESMP, EGEF, ESCP, LMP, SEP and any other relevant plans to be incorporated into the tender/bidding documents to ensure the cost of these measures are costed by the contractors in the bill of quantities for the works and supervision contracts (including environmental and social measures and clauses included in the ESMF, codes of good conduct, coordination, reporting and monitoring, and grievance mechanisms, among others)</p>   | <p>Before procurement process begins</p> <p><i>Prior to the release tendering documents for works</i></p>   | <p>PTRI and MPWT<br/>PMU</p>                     |
| 1.7   | <p><b>PERMIT, CONSENTS AND AUTHORIZATIONS:</b></p> <p>The MPWT shall obtain and ensure obtaining as appropriate, the permits, consents and authorizations that are applicable to the Project from relevant national authorities, pursuant to applicable national laws including as follows:</p> <ol style="list-style-type: none"> <li>1. Approval of ESIA report and associated documents/ frameworks by consulting firm.</li> <li>2. Written consent from project affected participants</li> <li>3. Identification of site for borrow pits and obtaining borrow pit permit for construction activities. All suppliers of raw-materials such as sand, stones, bricks, timber and other relevant construction should be authorized with legal documents to operate.</li> </ol> | <p><i>During the planning stage, before procurement of works and within timeline set out in the permits, consents and authorizations</i></p> <p><i>Throughout Project implementation and prior to any start of construction</i></p> | <p>PTRI and MPWT<br/>PMU<br/><br/>Contractor</p> |

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|---|---|--|--|
|   | <p>4. Obtain permits for dumping sites</p> <p>5. Environmental Compliance Certificate (ECC) from MONRE</p> <p>6. UXO Clearance Certificate from the National Regulatory Authority (NRA)</p> <p>The project will comply or cause to comply, as appropriate, with the conditions established in these permits, consents and authorizations throughout Project implementation.</p>   |  |  |
| <b>ESS 2: LABOR AND WORKING CONDITIONS</b>  |   |  |  |
| 2.1   | <p><b>LABOR MANAGEMENT PROCEDURES</b></p> <ul style="list-style-type: none"> <li>The Project will update, adopt, and implement labour management procedures consistent with national legislation and ESS2. These procedures are set out in the project Labour Management Procedures (LMP) that have been developed by MPWT.</li> <li>A Code of Conduct (CoC) in line with these labour management procedures will be included in all contracts. The contracts will include working conditions requirements consistent with national laws of labour, occupational health and safety and ESS2, a code of conduct and a requirement for workers (including subcontractors) to be made aware of the same and be provided with written contracts. Child labor and forced labor (as defined in ESS2 and the National Labour Law) is prohibited on the Project.</li> </ul> | <p>Update, adopt and implement no later than ninety (90) days after the Effective Date.</p> <p>Implement throughout the Project Implementation</p> | <p>MPWT PMU, CMUs</p> <p>Contractors</p> |
| 2.2   | <p><b>GRIEVANCE MECHANISM FOR PROJECT WORKERS</b></p> <ul style="list-style-type: none"> <li>Establish, maintain, and operate a grievance mechanism for Project workers, as described in the LMP and consistent with ESS2. The government will manage grievances from direct workers as described in the LMP and ensure that contractors designate relevant staff to manage their workers' GRM.</li> </ul>  | <p>Update, adopt and implement no later than ninety (90) days after the Effective Date.</p>  | <p>MPWT PMU</p> <p>Contractors</p>       |

| Summary of the Material Measures and Actions to Mitigate the Project's Potential Environmental and Social Risks and Impacts |   | Timeframe  | Responsible Entity/Authority                                     |
|---|---|--|--|
|   |   | Implement throughout the Project Implementation  |  |
| 2.3   | <p><b>OCCUPATIONAL HEALTH AND SAFETY (OHS) MEASURES</b></p> <ul style="list-style-type: none"> <li>Update, adopt, and implement occupational, health and safety (OHS) measures specified in the ESMP.</li> <li>Due to the current pandemic, the government will prepare a Covid19 prevention and risk management plan following the guidance of the Annex 17 of the ESMF and the LMP as well as the GoL defined measures. The plan will be installed at the DWPTs, all agencies, supervisors and contractors. This plan will be prepared in coordination with health authorities and local governments. The Covid19 prevention and risk management plan will define the actions to be responsible in all CMUs, contractors and subcontractors.</li> <li>The Project will ensure that contractors implement an Occupational, Health and Safety (OHS) Plan provided as part of the contract with the Contractors and Subcontractors and the project provides personal protective equipment (PPE) to workers as described in the ESMF and the LMP. The Government will also do monitoring of water quality and Covid19 and/or other zoonotic diseases in the project area and influence area as agreed in the Covid19 prevention plan to ensure safety of workforce and reduce risks to communities' outbreaks.</li> </ul> | <p>Update, adopt and implement no later than ninety (90) days after the Effective Date;</p> <p>Throughout the duration of project implementation</p> <p>Contractors budget implementation of LMP and OHS measures to be reflected in their financial and technical proposals</p> | <p>MPWT PMU; MOIC, MAF, MPI CMUs and PTRI</p> <p>Contractors</p> |
| <b>ESS 3: RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT</b>   |   |  |  |
| 3.1   | <p><b>MANAGEMENT OF WASTE AND HAZARDOUS MATERIALS</b></p> <ul style="list-style-type: none"> <li>The ESIA's and / or ESMPs will include measures to prevent and reduce pollution during construction and operation to avoid negative impacts to the environment and beneficiaries. The government will ensure contracts will have waste management clauses, including those to manage PPE used for Covid 19 pandemics.</li> </ul>   | <p>Permits for waste disposal will be obtained before the start of construction works.</p> <p>CESMP will be handed to the MPWT within 30 days</p>  | <p>MPWT PMU, CMUs, DPWT and Contractors</p>                      |

| Summary of the Material Measures and Actions to Mitigate the Project's Potential Environmental and Social Risks and Impacts |  | Timeframe   | Responsible Entity/Authority       |
|---|--|---|------------------------------------|
|   |  | <p>after contract signing and will reflect the management of waste and hazardous materials.</p> <p>Monitoring of the implementation of these measures will be done on a daily basis and monitored throughout project implementation.</p> <p>Contractors budget implementation of ESIA/ESMPs needs to be reflected in their financial and technical proposal</p> |                                    |
| 3.2   | <p><b>RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT:</b></p> <ul style="list-style-type: none"> <li>Develop and implement measures for resource efficiency and pollution prevention, as part of respective ESMPs.</li> </ul>   | <p>ESMPs developed as part of FS/ESIA work.</p> <p>Throughout the project implementation.</p>   | <p>MPWT PMU</p> <p>Contractors</p> |
| <b>ESS 4: COMMUNITY HEALTH AND SAFETY</b>   |  |   |                                    |
| 4.1   | <p><b>TRAFFIC AND ROAD SAFETY:</b></p> <ul style="list-style-type: none"> <li>For management of traffic and road safety, the government will ensure that Contractors develop and implement a site-specific traffic management plan (as part of the C-ESMP), alternates routes and time of travel, affected roads, etc. The plan must be shared with</li> </ul> | <p>The requirement for traffic and road safety will be part of the bidding documents. The plan will be reviewed and approved by the MPWT</p>  | <p>Contractors</p>                 |

| Summary of the Material Measures and Actions to Mitigate the Project's Potential Environmental and Social Risks and Impacts |   | Timeframe  | Responsible Entity/Authority                        |
|---|---|--|---|
|   | <p>the local traffic authorities and spread into the community in forms (printed, radio or other means) and time periods to agree with the contractors. The plan will be developed in a way to avoid peak rush hours, to ensure traffic control by placing adequate flagmen and signs (following international standards and diamond quality) along the route, only trained drivers employed, and vehicle safety is regularly inspected.</p>  | <p>before project activities start.</p> <p>Contractors budget implementation of ESIA/ESMPs needs to be reflected in their financial and technical proposal</p>   |   |
| 4.2   | <p><b>COMMUNITY HEALTH AND SAFETY:</b></p> <ul style="list-style-type: none"> <li>The Project will ensure that contractors implement measures and actions to manage specific risks and impacts to the community arising from Project activities. The ESIA and / or ESMP will include measures to protect community health and safety consistent with the requirements in the ESF and ESMF, including to prevent and avoid: traffic accidents, disease transmission and, SEA/SH, VAC and GBV, Covid19 and other zoonotic diseases outbreaks that can increase risk to communities and workers, among others risks which will be included these measures in the ESMPs to be prepared in accordance with the ESMF and in a manner acceptable to the Bank.</li> </ul> | <p>FS/ESIA work (including ESMPs) starting in early 2022.</p> <p>Prior to tendering respective works, and throughout the project implementation</p> <p>Contractors budget implementation of ESIA/ESMPs needs to be reflected in their financial and technical proposal</p> | <p>PTRI; MPWT; DPWT, and MAF</p> <p>Contractors</p> |

| Summary of the Material Measures and Actions to Mitigate the Project's Potential Environmental and Social Risks and Impacts |  | Timeframe  | Responsible Entity/Authority         |
|---|--|--|--------------------------------------|
| 4.3   | <p><b>GBV, SEA/SH and VAC RISKS:</b></p> <ul style="list-style-type: none"> <li>Update, adopt, and implement a Gender-Based Violence Action Plan (GBV Action Plan) as required in the ESMPs based on the ESMF to assess and manage the risks of gender-based violence (GBV) and Sexual Exploitation and Abuse and Sexual Harassment (SEA/SH) and Violence Against Children (VAC).</li> <li>Engage and involve in the implementation GBV, SEA/SH and VAC service providers</li> </ul> | <p>FS/ESIA work (including ESMPs) starting in early 2022.</p> <p>Prior to tendering respective works, and throughout the project implementation.</p>   | <p>MPWT; MOIC; MAF; MPI and PTRI</p> |
| <b>ESS 5: LAND ACQUISITION, RESTRICTIONS ON LAND USE AND INVOLUNTARY RESETTLEMENT</b>                                       |  |  |                                      |
| 5.1   | <p><b>RESETTLEMENT PLANS:</b></p> <ul style="list-style-type: none"> <li>Prepare, consult, adopt, disclose and implement Resettlement Action Plans (RAPs) consistent with the requirements of the RPF, ESS5, and national legislation and aligned with ESMF and ESIA findings and implement the respective RAPs before carrying out the associated activities, in a manner acceptable to the Bank.</li> </ul>  | <p>RPF prepared and disclosed prior to project appraisal.</p> <p>FS/ESIA work (including detailing land acquisition needs and preparation of RAPs) starting in early 2022.</p> <p>RAPs will be developed and cleared by the World Bank and disclosed to the public and full compensation paid to affected households/ persons before any civil works is implemented.</p> | <p>MPWT; DPWT and PTRI</p>           |

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| 5.2   | <p><b>GRIEVANCE MECHANISM:</b></p> <ul style="list-style-type: none"> <li>The Project, via the DWPTs in the provinces, will ensure that the RAPs include details on the Project Grievance Redressal Mechanism (GRM), which will also be available to receive any Project related resettlement or compensation complaint and feedback. The MPWT PMU will maintain operational GRMs throughout the lifetime of the Project as outlined in the RPF. The government will ensure the designation of relevant staff to manage the GRM as described in the RPF.</li> </ul>   | Prior to civil works and/or any land acquisition and throughout implementation   | MPWT and PTRI                |
| <b>ESS 6: BIODIVERSITY CONSERVATION AND SUSTAINABLE MANAGEMENT OF LIVING NATURAL RESOURCES</b>                              |   |  |                              |
| 6.1   | <p><b>BIODIVERSITY RISKS AND IMPACTS:</b></p> <ul style="list-style-type: none"> <li>Identify and implement measures to address biodiversity risks and impacts based on the ESMF, during the FS/ESIA stage. If appropriate, a site-specific management plan will be prepared to manage identified impacts which requires specific biodiversity management plan (BMP) as part of respective ESMPs</li> <li>The project will not finance road improvement that could provide access to critical habitats such as wildlife sanctuary and protected areas or may cause deforestation. The ESMP for MPWT roads included an assess of impact to biodiversity and flora, fauna community and proposed appropriate measures to avoid, reduce and/or mitigate potential impacts from the project.</li> </ul> | <p>FS/ESIA work (including ESMPs) starting in early 2022. ESIA will conduct screening and assessment of biodiversity risks and ESMPs and/or BMPs prepared as needed. Subprojects prepared after the ESIA stage should also follow screening and other measures as detailed in the ESMF.</p> <p>Throughout the Project implementation</p> | MPWT                         |

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|--|---|---|--------------------------------------|
| <b>ESS 7: INDIGENOUS PEOPLES/SUB-SAHARAN AFRICAN HISTORICALLY UNDERSERVED TRADITIONAL LOCAL COMMUNITIES [See examples of possible actions below, if determined that ESS7 is relevant].</b> |   |   |                                      |
| 7.1  | <p><b>INDIGENOUS PEOPLES FRAMEWORK:</b></p> <ul style="list-style-type: none"> <li>Based on the Ethnic Group Engagement Framework (EGEF), screen for the presence of Ethnic Groups consistent with ESS7 in the subprojects. As needed, prepare, adopt, and implement Ethnic Group Engagement Plans (EGEP) consistent with the requirements of the EGEF that has been prepared for the Project, in a manner acceptable to the Bank.</li> </ul> | <p>EGEF prepared and disclosed prior to project appraisal.</p> <p>FS/ESIA work starting in early 2022. ESIA will conduct screening of EG in the subprojects and prepare EGEPs as needed. Subprojects prepared after the ESIA stage should also follow screening and other measures as detailed in the EGEF.</p> <p>Implement the EGEF throughout project implementation. If EGs are found consistent with ESS7 prepare EGEP during project implementation</p> | MPWT                                 |
| 7.2  | <p><b>GRIEVANCE MECHANISM:</b></p>  | <p>Prior to commencement of the Project activities</p>  | <p>MPWT; MOIC; MAF; MPI and PTRI</p> |

| Summary of the Material Measures and Actions to Mitigate the Project's Potential Environmental and Social Risks and Impacts |   | Timeframe   | Responsible Entity/Authority  |
|---|---|---|-------------------------------|
|   | <ul style="list-style-type: none"> <li>Prepare, consult, adopt, and implement the arrangements for the grievance mechanism for Ethnic Groups, as required under the EGEF and further describe such arrangements in the respective EGEPs (if the grievance mechanism is distinctive from the one established under ESS10). The government will ensure the designation of relevant staff to manage the GRM as described in the SEP/EGEF.</li> <li>The established Grievance Redress Committee (GRC) for each Component will ensure women representation by allocating at least 1-2 women members for the committee positions.</li> </ul>  | Maintained throughout Project implementation  |                               |
| <b>ESS 10: STAKEHOLDER ENGAGEMENT AND INFORMATION DISCLOSURE</b>  |   |   |                               |
| 10.1  | <b>STAKEHOLDER ENGAGEMENT PLAN PREPARATION AND IMPLEMENTATION</b> <ul style="list-style-type: none"> <li>Update, adopt, and implement Stakeholder Engagement Plan (SEP).</li> </ul>   | SEP prepared and disclosed prior to project appraisal.<br>Implement throughout Project implementation | MPWT                          |
| 10.2  | <b>PROJECT GRIEVANCE MECHANISM:</b> <ul style="list-style-type: none"> <li>The Project will ensure that the arrangements for the Grievance Redress Mechanisms (GRMs) covering all sub- projects as described in the ESMF, SEP, RPF, EGEF and LMP are implemented for all project components. Furthermore, the government will develop a communication plan for the grievance redress mechanism to ensure that potential PAPs and communities are aware of its existence and familiar with the process for submitting grievances to such grievance mechanism. The government will ensure the designation of relevant staff to manage the GRM as described in the SEP.</li> </ul> | Prior to commencement of the Project activities.<br>Maintained throughout Project implementation      | MPWT; MOIC; MAF; MPI and PTRI |
| 10.3  | <b>COMMUNICATION PLAN:</b> <ul style="list-style-type: none"> <li>The Project will develop and disclose all E&amp;S instruments and the project grievance/ feedback management process for project affected people that ensures transparency,</li> </ul>  | <i>Prior to commencement of the Project activities.</i>   | PTRI and MPWT                 |

| Summary of the Material Measures and Actions to Mitigate the Project's Potential Environmental and Social Risks and Impacts |  | Timeframe   | Responsible Entity/Authority   |
|---|--|---|--|
|   | prompt feedback and accessibility without costs implications as required by ESS10 and outlined in SEP, ESMF, LMP; EGEF and RPF.  |   |  |
| <b>CAPACITY SUPPORT (TRAINING)</b>  |  |   |  |
| CS1   | <p>Some key trainings, but not limited to, will be provided:</p> <ul style="list-style-type: none"> <li>Implement the capacity building outlined in section 6.10 of the ESMF.</li> <li>CMU staff at national and provincial level (and implementation support consultants) and EDPD/PTRI of MPWT-to be provided by E&amp;S consultants: Basic requirements of ESF ESSs, including specific requirements of ESMPs, RPF, ESMF, EGEF, RAP, ESHS, EGEP, LMP, OHS, VAC, SEP and GRM.</li> <li>Contractors, sub-contractors and site supervisors/engineers of contractors/sub-contractors and implementation support consulting firm. Training to be provided by the E&amp;S Coordinator of MPWT, on the requirements of ESF ESSs on the E&amp;S risks at the level of contractors, sub-contractors and supervision consultants, including ESHS, OHS, RAP, EGEF, EGEP, LMP, SEA/SH, VAC, SEP and GRM</li> <li>Communities: Road safety, SEA/SH, VAC, SEP and GRM, and basic ESMPs and ESMF of the project.</li> <li>Contractors and their subcontractors, with oversight of the supervision consultants and DWPTs, to ensure all workers of contractors and their Sub-contractors sign Codes of Conduct for the contractors' workers and trained on requirements of Codes of Conduct including ESHS, OHS, GBV, SEA/SH, VAC, LMP, SEP and GRM.</li> </ul> | <p>Six months after effectiveness.</p> <p>At least one month before starting the civil works.</p> <p>At least one month before starting the civil works.</p> <p>At least one month before starting the civil works and throughout implementation of road works.</p> | <p>PTRI of MPWT and E&amp;S Consultants from PTRI .</p> <p>PTRI of MPWT and E&amp;S Consultants from PTRI</p> <p>Contractors</p> <p>Supervision consultants.<br/>DPWTs</p> |

| <b>Summary of the Material Measures and Actions<br/>to Mitigate the Project's Potential Environmental and Social Risks and Impacts</b>   | <b>Timeframe</b> | <b>Responsible<br/>Entity/Authority</b> |
|--|------------------|---|
| <ul style="list-style-type: none"> <li>• Sectoral implementing agencies (MAF responsible for agricultural value chains, and biodiversity and forest conservation, customs department of MOF, Department of Import and Export of MOIC, and MOPS): mitigation measures and management plans for indirect/cumulative/transboundary impacts</li> </ul> |                  |   |