# REPUBLIC OF INDONESIA

# Strengthening Community Resilience and Sustainable Economic Development in Rural Indonesia (SEHATI)

# (P515935)

# ENVIRONMENTAL AND SOCIAL COMMITMENT PLAN (ESCP)

## Appraisal

## Revised Draft

October 2026

# ENVIRONMENTAL AND SOCIAL COMMITMENT PLAN

1. The Republic of Indonesia (the Borrower) will implement the Strengthening Community Resilience and Sustainable Economic Development in Rural Indonesia (*Swasembada Ekonomi Hijau dan Ketahanan Pangan Terintegrasi/*SEHATI), with the involvement of the Ministry of Villages and Development of Disadvantaged Areas (MoVDA) as the Central Project Management Unit (CPMU), the Ministry of Home Affairs (MoHA) as the Central Project Implementing Unit (CPIU), and MoVDA, MoHA, and Ministry of Finance (MoF) as Project Implementing Units (PIUs), as set out in the Loan Agreement (the Agreement). The International Bank for Reconstruction and Development (the Bank) has agreed to provide financing for the Project, as set out in the Agreement.

2. The Borrower shall ensure that the Project is carried out in accordance with the Environmental and Social Standards (ESSs) and this Environmental and Social Commitment Plan (ESCP), in a manner acceptable to the Bank. The ESCP is a part of the Agreement. Unless otherwise defined in this ESCP, capitalized terms used in this ESCP have the meanings ascribed to them in the Agreement.

3. Without limitation to the foregoing, this ESCP sets out material measures and actions that the Borrower shall carry out or cause to be carried out before village proposal development, including, as applicable, their respective timeframes; institutional, staffing, training, monitoring and reporting arrangements; and grievance management. The ESCP also sets out the environmental and social (E&S) documents that shall be prepared, consulted, disclosed and implemented under the Project, consistent with the ESSs, in form and substance acceptable to the Bank. All supporting operational/digital systems should also be operational before village proposal development. Said E&S documents may be revised from time to time with prior written agreement by the Bank. As provided for under the Agreement, the Borrower shall ensure that sufficient funds are available to cover the costs of implementing the ESCP.

4. As agreed by the Bank and the Borrower, this ESCP will be revised from time to time, if necessary, to reflect adaptive management of Project changes or unforeseen circumstances or in response to Project performance. In such circumstances, the Bank and the Borrower agree to update the ESCP to reflect these changes through an exchange of letters signed between the Bank and the Borrower's Representative specified in the Agreement. The Borrower shall promptly disclose the updated ESCP.

5. The subsection on "Indicators for Implementation Readiness" below identifies the actions and measures to be monitored to assess Project readiness to begin implementation in accordance with this ESCP. Nevertheless, all actions and measures in this ESCP shall be implemented as set out in the "Timeframe" column below irrespective of whether they are listed in the referred subsection.

| MATERIAL MEASURES AND ACTIONS | | TIMEFRAME | RESPONSIBLE ENTITY |
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| **IMPLEMENTATION ARRANGEMENTS AND CAPACITY SUPPORT** | | | |
| A | **ORGANIZATIONAL STRUCTURE**<br>a. Establish and maintain a Central Project Management Unit (CPMU) within MoVDA with overall responsibility for Project-wide E&S risk management and oversight, supported by CPIU of MoHA and PIUs under MoVDA (the Directorate General of Village and Rural Development, Directorate General of Economic Development and Investment of Villages and Disadvantaged Regions, Agency for Human Resources Development and Community Empowerment of Villages and Disadvantaged Regions, Agency for Development and Information of Villages and Disadvantaged Regions), MoHA (the Directorate General of Regional Development and Directorate General of Directorate General of Village Government Administration), and MoF (the Directorate of Fiscal Balance) in implementing E&S requirements within their respective functions. Bappenas, as Chair of the Project Steering Committee, will provide strategic guidance and coordination. The CPMU shall be supported by one qualified environmental specialist and one qualified social specialist and adequate resources to support management of environmental, social, health and safety (E&S) risks and impacts of the Project. The environmental and social specialists are responsible for designing a Training of Trainer (ToT) program for E&S capacity building at the district level. The participants will be assigned as focal points for E&S management at the district level. The CPMU shall also assign dedicated personnel as Complaint Handling Focal Point to manage and monitor the Project's grievance redress mechanism system, and coordinate grievances received from E&S focal points from central line ministries and subnational.<br><br>b. The CPIU and PIUs shall designate and/or appoint E&S Focal Point to ensure and monitor the implementation of applicable E&S requirements within their respective ministries/units, in accordance to ESMF, SEF, LMP, and applicable ESSs, and coordinate with E&S Specialists at CPMU and district technical teams, as appropriate, for implementation, monitoring, escalation, and reporting purposes. | a. Appoint or engage the CPMU E&S Specialists no later than the Effective Date and maintain the positions throughout Project implementation. CPMU appoint Complaint Handing Focal Point no later than 60 days after the Project becomes effective and maintain the personnel throughout Project implementation<br><br>b. CPIU/PIUs appoint E&S Focal point no later than 60 days after the Project becomes effective and maintain the personnel throughout Project implementation. | CPMU/MoVDA<br><br>CPIU/MoHA, PIUs/MoF, MoHA, MoVDA |

| MATERIAL MEASURES AND ACTIONS | | TIMEFRAME | RESPONSIBLE ENTITY |
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| B | **CAPACITY BUILDING PLAN/MEASURES**<br>Prepare and implement capacity building measures:<br><br>● Targeted training recipients, as relevant to their respective roles and responsibilites, include: (i) CPMU, CPIU, PIUs, and central line ministries/agencies; (ii) subnational stakeholders, including district coordination teams, village facilitators (*pendamping desa*), village governments, contractors, suppliers supervision consultants, and BUMDes; and (iii) other, including *Masyarakat Adat (where present and meeting ESS7 criteria),* relevant women, person with disabilities, elderly, and youth groups from participating villages.<br><br>● Training shall cover, as relevant: E&S screening and exclusion; preparation and implementation of village-level E&S instruments; stakeholder engagement and grievance management; labor and OHS; community health and safety; land access; Indigenous Peoples; biodiversity screening procedures; pollution prevention and management, including pesticides and Integrated Pest Management; Associated Facilities determination; cultural heritage and chance finds; SEA/SH and GBV awareness and survivor-centered referral; incident reporting; monitoring and reporting; and use of E&S functions in Project digital systems. | Prepare and conduct E&S capacity building programs for the relevant stakeholders before the Project activities are started, before proposal development, screening, verification and approval.<br><br>Provide initial training before relevant personnel at the central, district and village levels carry out E&S responsibilities and refresher training periodically throughout Project implementation.<br><br>All targeted training recipients shall already obtain training on E&S topics prior to the village proposal development. | CPMU (MoVDA), CPIU (MoHA), PIUs (MoVDA, MoHA, MoF) |
| **MONITORING AND REPORTING** | | | |
| C | **REGULAR REPORTING**<br>Prepare and submit to the Bank regular monitoring reports on the environmental, social, health and safety (E&S) performance of the Project. The reports shall include:<br>● status of implementation of the ESCP and E&S documents;<br>● results of biodiversity screening, including sub-projects excluded or redesigned on biodiversity grounds, and Associated Facilities identified and measures taken;<br>● pollution prevention and management performance, including pesticide use, waste management, and any air, noise, soil or water contamination events and remediation;<br>● E&S screening, district verification and implementation of village-level instruments;<br>● results of risk-based quality assurance and spot checks of village-level E&S screening and district verification, including identified screening or verification deficiencies, corrective actions and follow-up, and, where relevant, | Submit semi-annual reports to the Bank throughout Project implementation, commencing after the Effective Date. Submit each report no later than 45 days after the end of each reporting period. | CPMU (MoVDA) |

| MATERIAL MEASURES AND ACTIONS | | TIMEFRAME | RESPONSIBLE ENTITY |
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| | improvements to training, guidance, verification procedures or other Project system controls;<br>● stakeholder engagement and disclosure;<br>● activities redesigned, deferred, rejected or suspended due to failure in meeting the E&S requirements;<br>● grievances and resolution status, including differentiated reporting for sensitive complaints without disclosing confidential information;<br>● labor and OHS performance;<br>● land access due diligence;<br>● incidents and accidents;<br>● adequacy of E&S staffing, including the status of district E&S focal points; and<br>● training. | | |
| D | **CONTRACTORS' MONTHLY REPORTS**<br>Require contractors, service providers, and supervising firms, as applicable, to provide E&S performance reports in accordance with the metrics specified in procurement documents and contracts. Consolidate relevant information in the reports under action C. | Require reports as part of relevant procurement documents and contracts. Submit or make reports available to the Bank upon request and summarize them in the semi-annual reports under action C. | CPMU (MoVDA), CPIU (MoHA), PIUs (MoVDA, MoHA, MoF) |
| E | **INCIDENTS AND ACCIDENTS**<br>Notify the Bank of any incident or accident relating to the Project which has, or is likely to have, a significant adverse effect on the environment, affected communities, the public, or workers, including death or significant injury; acts of violence, discrimination or protest; unforeseen impacts on cultural heritage or biodiversity; pollution; forced or child labor; displacement without due process; allegations of sexual exploitation and abuse or sexual harassment (SEA/SH); Gender Based Violence (GBV); or disease outbreaks. Provide available details upon request.<br><br>Arrange for an appropriate review to establish immediate, underlying and root causes. Prepare, agree with the Bank, and implement a Corrective Action Plan to address the incident or accident and prevent recurrence. | Notify the Bank no later than 48 hours after learning about the incident or accident. Notify the Bank no later than 24 hours, if severe incidents occur such as fatalities, severe injuries, or Sexual Exploitation and Abuse/Sexual Harassment allegations. Provide available details upon request.<br><br>Provide the review report and Corrective Action Plan no later than 10 days following the initial notice, unless a different time frame is agreed in writing by the Bank. | CPMU (MoVDA) |
| **ESS 1: ASSESSMENT AND MANAGEMENT OF ENVIRONMENTAL AND SOCIAL RISKS AND IMPACTS** | | | |

| MATERIAL MEASURES AND ACTIONS | | TIMEFRAME | RESPONSIBLE ENTITY |
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| 1.1 | **ENVIRONMENTAL AND SOCIAL FRAMEWORK**<br>1. Prepare, consult, disclose, adopt, and implement an Environmental and Social Management Framework (ESMF), consistent with the relevant ESSs. The ESMF shall include, inter alia: eligibility and exclusion criteria; environmental and social screening and risk classification procedures; community health and safety (CHS); sexual exploitation and abuse/sexual harassment (SEA/SH) risks prevention and management; Free Prior and Informed Consent (FPIC); biodiversity screening; cumulative-risk considerations; Land Access Procedures (LAP); an Indigenous Peoples Planning Framework (IPPF); Cultural Heritage Procedures; templates and requirements for village-level environmental and social screening, mitigation planning, documentation, and monitoring arrangements; review and escalation procedures; monitoring, reporting, and corrective action arrangements; and institutional responsibilities.<br><br>2. Screen each proposed village investment and other relevant Project activity in accordance with the ESMF. The screening process shall identify applicable environmental and social requirements and proportionate mitigation measures, which shall be incorporated into the village proposal, implementation arrangements, and monitoring processes. The screening process shall also identify whether a proposed activity depends on any facilities or activities not financed by the Project that may meet the ESS1 definition of Associated Facilities and determine any additional environmental and social assessment or management measures required under the ESMF. Where screening identifies specific environmental and social risks or impacts, prepare, disclose where required, adopt, and implement the relevant environmental and social measures and documentation, such as a simple Environmental and Social Mitigation Plan, land due diligence documentation, Indigenous Peoples measures, cultural heritage measures, or other measures required under the ESMF, proportionate to the nature and risk of the activity. Given that investments will be proposed and implemented at the village level, Village Governments will be responsible for applying the applicable E&S requirements during proposal preparation and implementation, while District Governments will play a key role in verifying village proposals, including the E&S screening results and required mitigation measures, before approval.<br><br>3. Ensure that activities included in the ESMF exclusion list are not eligible for Project financing. District verification shall be undertaken by appropriately designated and trained personnel and documented in the Project proposal review system. Before the proposed village investment/activity is approved, district verification shall confirm that | Prepare and disclose the draft ESMF by Appraisal. Consult the draft ESMF prior to Negotiations. Finalize, adopt, and disclose the ESMF prior to Board Approval. Implement the ESMF throughout Project implementation, including screening of Project activities and preparation and implementation of any required E&S measures and instruments prior to approval of the relevant activity. In the middle and the end of each year for Semi-Annual progress report to track the ESMF implementation progress | CPMU (MoVDA), CPIU (MoHA), PIUs (MoVDA, MoHA, MoF) |

| MATERIAL MEASURES AND ACTIONS | | TIMEFRAME | RESPONSIBLE ENTITY |
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| | the applicable E&S screening, due diligence, consultation requirements, and mitigation measures have been satisfactorily completed and reflected in the proposal. Issues that cannot be resolved at the district level or require further technical or E&S assessment shall be referred to the MoVDA CPMU, supported by its E&S specialists and the relevant CPIU/PIU, as appropriate, before the activity is approved.<br><br>4. The CPMU, supported by its E&S specialists and relevant CPIU/PIUs, shall carry out proportionate, risk-based quality assurance and periodic spot checks of village-level E&S screening, supporting documentation, and district verification. Findings shall be documented and followed up through corrective actions and, where relevant, used to strengthen training, guidance, verification procedures, or other Project system controls.<br><br>5. Prepare and submit Project Implementation Progress Report (Semi-Annual progress report) to track the ESMF implementation progress | | |
| 1.2 | **INTEGRATION INTO OPERATIONAL AND DIGITAL SYSTEMS**<br>Relevant E&S requirements shall be operationalized before village proposal development or submission, through the POM, village proposal templates, digital proposal submission and monitoring systems, district verification tools, technical guidelines, training materials, procurement documents, contract provisions, supervision arrangements, grievance records, and monitoring and reporting procedures. Digital functions shall support E&S screening, documentation, monitoring and reporting, but shall not replace required technical review by qualified personnel. Review and verification using a digital system shall be conducted by appropriately designated and trained personnels in accordance with the ESMF and district verification process. | Before village proposal development and submission begins, ensure that the relevant POM provisions, proposal templates, digital systems, district verification tools, technical guidelines, and training materials are finalized and operational. Relevant procurement documents, contracts, and supervision arrangements shall incorporate applicable E&S requirements before their respective use. Thereafter, maintain and update these systems, tools, documents, and arrangements as needed throughout Project implementation. | CPMU (MoVDA), CPIU (MoHA), PIUs (MoVDA, MoHA, MoF) |
| 1.3 | **MANAGEMENT OF CONTRACTORS**<br>Ensure that contractors, service providers, and supervising firms, as well as their subcontractors, strictly comply with the respective E&S requirements, Codes of Conduct, and community health and safety measures integrated into their procurement documents and contracts, as established under Action 1.2. | As part of preparation of procurement documents and contracts. Supervise compliance throughout contract implementation. Provide relevant | CPMU (MoVDA), CPIU (MoHA), PIUs (MoVDA, MoHA, MoF) |

| MATERIAL MEASURES AND ACTIONS | | TIMEFRAME | RESPONSIBLE ENTITY |
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| | | contracts to the Bank upon request. | |
| 1.4 | **TECHNICAL ASSISTANCE**<br>Carry out consultancies, technical guidelines, digital system design, training and other technical assistance activities under the Project in accordance with terms of reference acceptable to the Bank and consistent with the ESSs. Finalize and implement outputs in accordance with the terms of reference. | Throughout Project implementation. | CPMU (MoVDA), CPIU (MoHA), PIUs (MoVDA, MoHA, MoF) |
| 1.5 | **Associated Facilities**<br>For each sub-project, screen for any facilities or activities not funded by the Project that may meet the definition of Associated Facilities under ESS1, using the E&S screening checklist provided in the ESMF. Document the determination in the screening record and re-screen if the scope of the sub-project changes. Where screening or district verification identifies as a potential Associated Facility, the case shall be referred to the CPMU, supported by E&S Specialists and CPIU/PIUs, as appropriate, for further assessment and determination in accordance with ESS1 and ESMF. Where Associated Facilities are identified, assess, manage, and monitor their environmental and social risks and impacts in a manner consistent with the applicable ESSs and guidelines provided in the ESMF document, to the extent the Borrower has control or influence over them, and incorporate relevant measures into the applicable E&S measures and documentation for the related Project activity. Where the Borrower has no control or influence, document this. Report on the Associated Facilities identified, and the measures taken, in the semi-annual reports under Action C. | At screening, before approval of each sub-project; re-screen on any material change in scope. Screening results to be reported semi-annually and complete any required further assessment before approval of the related Project activity. | CPMU (MoVDA), CPIU (MoHA), PIUs (MoVDA, MoHA, MoF) |
| **ESS 2: LABOR AND WORKING CONDITIONS** | | | |
| 2.1 | **LABOR MANAGEMENT PROCEDURES**<br>Prepare, consult, disclose, adopt and implement Labor Management Procedures (LMP) consistent with national labor laws and regulations and ESS2. The LMP shall address direct, contracted and community workers, and primary suppliers where relevant; terms and conditions; nondiscrimination and equal opportunity (including protections for vulnerable workers); prevention of child and forced labor; a simplified OHS framework at the village level; Codes of Conduct including SEA/SH provisions; contractor and community-worker arrangements; incident reporting; and a worker grievance mechanism. Relevant provisions of the LMP shall subsequently be integrated into the ESMF and operational guidance. | Prepare and disclose the draft LMP by Appraisal.<br>Consult the LMP before Negotiation.<br>Finalize and disclose the LMP prior to the Effective Date and implement it throughout Project implementation. | CPMU (MoVDA), CPIU (MoHA), PIUs (MoVDA, MoHA, MoF) |
| 2.2 | **OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT PLAN** | | |

| MATERIAL MEASURES AND ACTIONS | | TIMEFRAME | RESPONSIBLE ENTITY |
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| | Implement OHS measures described in the LMP, ESMF and applicable village-level instruments. Require contractors, service providers, community implementation arrangements and supervising firms to apply proportionate OHS measures, provide training and personal protective equipment, maintain records, and report incidents. | Before commencement of relevant works or activities and throughout their implementation. | CPMU (MoVDA), CPIU (MoHA), PIUs (MoVDA, MoHA, MoF) |
| 2.3 | **GRIEVANCE MECHANISM FOR PROJECT WORKERS**<br>Establish, publicize, maintain and operate a grievance mechanism for Project workers, as described in the LMP and consistent with ESS2, separate from the Project grievance mechanism for affected communities. | Before engaging Project workers and maintaining and operating throughout Project implementation. | CPMU (MoVDA) |
| **ESS 3: RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT** | | | |
| 3.1 | **RESOURCE EFFICIENCY**<br>The procurement of equipment and the construction of small-scale facilities under village-level sub-projects shall, to the extent technically and financially feasible, incorporate energy-efficient considerations, including the selection of energy-efficient equipment and the use of locally available, resource-efficient materials in civil works, consistent with ESS3. | During proposal preparation, before the procurement process, and throughout construction and operation. | CPMU (MoVDA), CPIU (MoHA), PIUs (MoVDA, MoHA, MoF) |
| 3.2 | **POLLUTION PREVENTION AND WASTE MANAGEMENT**<br>Assess the risks and impacts associated with material use and waste generation, and pollution, as part of the screening under Action 1.1, for all sub-projects.<br>Adopt and implement pollution prevention management measures and actions, in accordance with ESS3, including measures to avoid the procurement, use, and disposal of prohibited and illegally sourced materials, such as asbestos, illegally harvested timber, prohibited refrigerants, and other substances banned under national, regional, or international regulations. Apply the mitigation hierarchy (avoid, minimize, then control and treat). The measures shall be consistent with applicable national laws and regulations and, where these differ or are less stringent, with the World Bank Group General Environmental, Health and Safety Guidelines (EHSGs) and relevant industry-sector EHSGs, or other Good International Industry Practice (GIIP) acceptable to the Bank. Specific commitments on hazardous materials and waste, pesticides and agrochemicals, solid, construction and electronic waste, wastewater and effluent, air quality and noise, and soil and water contamination are set out in Actions 3.3 to 3.8 below. Integrate these requirements into the sub-project proposal submission and evaluation system. | During proposal preparation, before the procurement process, and throughout construction and operation. | CPMU (MoVDA), CPIU (MoHA), PIUs (MoVDA, MoHA, MoF) |

| MATERIAL MEASURES AND ACTIONS | | TIMEFRAME | RESPONSIBLE ENTITY |
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| 3.3 | **HAZARDOUS MATERIALS AND HAZARDOUS WASTE**<br>Identify hazardous materials and hazardous and toxic waste (including fuels, lubricants, paints, solvents, batteries, used oil and electronic waste containing hazardous components) prior to commencing activities and manage them in accordance with the ESMF and national law on hazardous and toxic (B3) materials and waste. As a minimum, require safe storage and labeling, spill prevention and response arrangements, trained personnel, record keeping, and transport and final treatment or disposal only through authorized transporters and licensed facilities. Prohibit open burning and uncontrolled dumping of hazardous waste. Include these requirements in contractor and service provider contracts under Action 1.3. The Project shall not finance the procurement or use of asbestos-containing materials. | Before commencement of relevant works, and throughout implementation. Summarize results in the semi-annual reports. | CPMU (MoVDA), CPIU (MoHA), PIUs (MoVDA, MoHA, MoF) |
| 3.4 | **PESTICIDES AND AGROCHEMICALS**<br>Where the Project finances or supports the use of pesticides or fertilizers, apply an Integrated Pest Management (IPM) approach and, where screening shows the need, a pesticide management plan or equivalent measures set out in the ESMF, consistent with ESS3 and applicable national law. The Project shall not finance pesticides classified by the World Health Organization (WHO) as Class Ia or Ib, or products restricted or banned under the Stockholm, Rotterdam or Montreal conventions or national law; Class II products shall be financed only where the conditions in the ESMF and acceptable to the Bank are met. Use only nationally registered products, and require measures for safe storage, handling, application (including protective equipment, training and buffer distances from water sources and settlements) and disposal of empty containers. Promote efficient nutrient management to limit fertilizer runoff. | Before pesticides or fertilizers procurement or use; throughout implementation. Summarize results in the semi-annual reports. | CPMU (MoVDA), CPIU (MoHA), PIUs (MoVDA, MoHA, MoF) |
| 3.5 | **SOLID WASTE, CONSTRUCTION WASTE AND ELECTRONIC WASTE**<br>Manage non-hazardous solid and domestic waste, construction waste and electronic waste generated by Project activities in line with the waste management hierarchy (prevention, reuse, recycling, then safe disposal), as specified in the ESMF. Require a proportionate waste management arrangement in works contracts, the use of authorized disposal sites and recyclers, and a prohibition on open burning and on dumping in water bodies, drainage channels or on agricultural land. Require arrangements for the end-of-life handling of electronic equipment financed by the Project (including digital-connectivity equipment) through authorized collection or recycling channels. | Before commencement of relevant works, and throughout implementation. Summarize results in the semi-annual reports. | CPMU (MoVDA), CPIU (MoHA), PIUs (MoVDA, MoHA, MoF) |

| MATERIAL MEASURES AND ACTIONS | | TIMEFRAME | RESPONSIBLE ENTITY |
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| 3.6 | **WASTEWATER AND EFFLUENT**<br>Manage planned wastewater and effluent discharges from Project-supported facilities and activities, including livestock, aquaculture, agro-processing, small-scale processing and sanitation facilities, in accordance with the ESMF. Require adequate collection, treatment and reuse or disposal (including manure management), and compliance with national effluent standards or, where less stringent, the EHSGs. Do not allow untreated discharge to water sources used by communities or to surface or groundwater without the treatment determined at screening. Where screening shows relevant risk, includes effluent monitoring arrangements in the village-level E&S instruments. | Before commencement of relevant works, and throughout implementation. Summarize results in the semi-annual reports. | CPMU (MoVDA), CPIU (MoHA), PIUs (MoVDA, MoHA, MoF) |
| 3.7 | **AIR QUALITY AND NOISE**<br>Apply the air emission, dust, ambient air quality and noise management measures in the ESMF to sub-projects with relevant risks (such as civil works, agro-processing, biomass or energy equipment, and generators). Ensure compliance with applicable national ambient air quality, emission and noise standards or, where these are less stringent, the EHSGs. Include measurable compliance references and where screening shows relevant risk, monitoring arrangements in the village-level E&S instruments and contractor requirements. | Before approval of the relevant sub-project, and throughout implementation. Summarize results in the semi-annual reports. | CPMU (MoVDA), CPIU (MoHA), PIUs (MoVDA, MoHA, MoF) |
| 3.8 | **SOIL AND WATER CONTAMINATION**<br>Prevent contamination of soil, surface water and groundwater (including community water sources) from Project activities, including from fuel and chemical storage and handling, asbestos, pesticide and fertilizer storage, livestock effluent, and construction runoff, by applying the measures in the ESMF and Actions 3.3 to 3.6. Report any spill or contamination event under Action E. Where Project activities cause contamination, investigate and carry out remediation in accordance with national law, as agreed with the Bank. | Preventive measures to be conducted before commencement of relevant works and throughout implementation. Remediation to be conducted promptly after the event, within a timeframe agreed with the authorized government party and the Bank. Summarize results in the semi-annual reports. | CPMU (MoVDA), CPIU (MoHA), PIUs (MoVDA, MoHA, MoF) |
| **ESS 4: COMMUNITY HEALTH AND SAFETY** | | | |
| 4.1 | **COMMUNITY HEALTH AND SAFETY**<br>Assess and manage community health and safety risks arising from civil works, productive equipment and digital-connectivity infrastructure. Include proportionate measures for traffic and worksite safety, open excavations, safe access, structural and operational safety, emergency preparedness and response, community information, accessibility for vulnerable users where relevant, and safe management of hazardous materials in the ESMF and applicable village-level instruments. | Same timeframe as preparation and implementation of the ESMF and applicable village-level E&S instruments. | CPMU (MoVDA), CPIU (MoHA), PIUs (MoVDA, MoHA, MoF) |

| MATERIAL MEASURES AND ACTIONS | | TIMEFRAME | RESPONSIBLE ENTITY |
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| 4.2 | **SEA AND SH RISKS**<br>Implement proportionate SEA/SH risk mitigation measures set out in the ESMF, LMP and SEF, including Codes of Conduct, worker and community awareness, confidential and survivor-centered grievance handling, and referral information for available services. No standalone SEA/SH Action Plan is required unless the risk profile changes and the Bank and Borrower agree otherwise. | Before engagement of relevant workers and commencement of relevant activities, and throughout Project implementation. | CPMU (MoVDA), CPIU (MoHA), PIUs (MoVDA, MoHA, MoF) |
| **ESS 5: LAND ACQUISITION, RESTRICTIONS ON LAND USE AND INVOLUNTARY RESETTLEMENT** | | | |
| 5.1 | **LAND ACCESS PROCEDURES**<br>Prepare, adopt and implement Land Access Procedures (LAP) as part of the ESMF, consistent with ESS5. Land-related risks are expected to be limited as the investments will primarily rely on Village-Owned Land (*Tanah Kas Desa*). Where private land is required, the project will rely only on voluntary land donation that meets the eligibility requirements set out in the LAP in the ESMF. The LAP shall address due diligence for Village-Owned Land (*Tanah Kas Desa*); voluntary land donation and other voluntary land-use arrangements; temporary access restrictions; temporary relocation; minor impacts on non-land assets or livelihoods; identification of all users and claims; informed consent and the right to refuse; independent verification; documentation; monitoring; and accessible grievance arrangements. Applicable land screening, due diligence, consultation, and supporting documentation shall be incorporated into the relevant village proposal and reviewed as part of the district verification process before the proposed activity is approved. Activities requiring physical displacement or significant economic displacement, involving disputed land, or lacking demonstrably voluntary agreement shall be excluded, redesigned or relocated. | Prepare, consult and disclose the LAP as part of the ESMF in accordance with action 1.1. Complete applicable land screening and due diligence as part of village proposal preparation and district verification, and implement any required measures, before approval and commencement of the relevant activity and before taking possession or use of land. | CPMU (MoVDA), CPIU (MoHA), PIUs (MoVDA, MoHA, MoF) |
| **ESS 6: BIODIVERSITY CONSERVATION AND SUSTAINABLE MANAGEMENT OF LIVING NATURAL RESOURCES** | | | |
| 6.1 | **BIODIVERSITY RISKS AND IMPACTS MANAGEMENT**<br>Exclude proposed investment located within, or within 1 km of, from protected and conservation areas. Screen all proposed investment for remaining biodiversity risks, prior to approval of the proposal in accordance with the Biodiversity Screening Procedure in the ESMF. Where needed, consulting the competent biodiversity authority or a qualified specialist. Apply mitigation measures as specified in the ESMF to avoid, minimize, or offset adverse impacts on natural habitats and biodiversity, in accordance with ESS6. Ensure the sustainable use of natural and biological resources in compliance with the requirements specified in the ESMF. Integrate these requirements into the sub-project proposal submission and evaluation system. | During proposal preparation, before the procurement process, and throughout construction and operation. | CPMU (MoVDA), CPIU (MoHA), PIUs (MoVDA, MoHA, MoF) |

| MATERIAL MEASURES AND ACTIONS | | TIMEFRAME | RESPONSIBLE ENTITY |
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| **ESS 7: INDIGENOUS PEOPLES/SUB-SAHARAN AFRICAN HISTORICALLY UNDERSERVED TRADITIONAL LOCAL COMMUNITIES** | | | |
| 7.1 | **INDIGENOUS PEOPLES FRAMEWORK AND PLANS**<br>Prepare, adopt and implement an Indigenous Peoples Planning Framework (IPPF) as part of the ESMF, consistent with ESS7. Screen relevant activities to identify Indigenous Peoples (Masyarakat Adat) that meet ESS7 criteria and assess potential impacts on land, natural resources, livelihoods, cultural practices and access to benefits. Prepare and implement a site-specific Indigenous Peoples Plan or integrated measures where required, and obtain Free, Prior and Informed Consent where required under ESS7. The results of ESS7 screening and any applicable measures identified under the ESMF/IPPF shall be documented as part of the village proposal and reviewed through the district verification process before the proposed activity is approved. | Prepare, consult and disclose the IPPF as part of the ESMF in accordance with action 1.1. Complete screening before approval of the relevant activity. Where required under the IPPF/ESMF and ESS7, prepare any required plan or measures, including FPIC where required, and implement the applicable measures before and throughout implementation, as appropriate. | CPMU (MoVDA), CPIU (MoHA), PIUs (MoVDA, MoHA, MoF) |
| 7.2. | **INCLUSIVE AND MEANINGFUL ENGAGEMENT**<br>For the SEHATI Project, the Stakeholder Engagement Framework (SEF) will establish clear procedures for meaningful and inclusive consultations with Indigenous Peoples and Customary Communities where applicable. Engagement strategies will rely on culturally tailored methods to ensure open, transparent participation throughout the design and execution of village livelihood initiatives. Additionally, the SEF will integrate a Feedback and Grievance Redress Mechanism (FGRM) specifically adapted to be culturally safe and readily accessible to affected Indigenous populations. | Throughout project implementation. | CPMU (MoVDA), CPIU (MoHA), PIUs (MoVDA, MoHA, MoF) |
| **ESS 8: CULTURAL HERITAGE** | | | |
| 8.1 | **CULTURAL HERITAGE RISKS AND IMPACTS**<br>Prepare, adopt, and implement Cultural Heritage Procedures as part of the ESMF. The Procedures shall include screening requirements for official and community-identified cultural heritage; consultation and permit requirements, where applicable; avoidance and mitigation measures; exclusion criteria for activities with significant adverse impacts on cultural heritage; and chance find procedures. Relevant cultural heritage screening, mitigation, and chance find requirements shall be integrated into village proposal templates, district verification procedures, technical guidelines, training materials, procurement documents, works contracts, and the Project's proposal submission and review systems. Cultural heritage considerations shall be addressed during proposal preparation, review, and implementation in accordance with the ESMF. | Prepare, consult, disclose, and adopt the Cultural Heritage Procedures as part of the ESMF in accordance with Action 1.1. Thereafter implement throughout Project implementation. | CPMU (MoVDA), CPIU (MoHA), PIUs (MoVDA, MoHA, MoF) |

| MATERIAL MEASURES AND ACTIONS | | TIMEFRAME | RESPONSIBLE ENTITY |
|---|---|---|---|
| | | | |
| **ESS 10: STAKEHOLDER ENGAGEMENT AND INFORMATION DISCLOSURE** | | | |
| 10.1 | **STAKEHOLDER ENGAGEMENT PLAN**<br>Prepare, consult, disclose, adopt, and implement a Stakeholder Engagement Framework (SEF), consistent with ESS10. The SEF shall establish the principles, approaches, and procedures for stakeholder identification, information disclosure, consultation, participation, grievance management, and reporting throughout Project implementation. The SEF shall include measures to support meaningful engagement of women, youth, Indigenous Peoples, persons with disabilities, poor households, and other vulnerable or less influential groups; requirements for disclosure of project information, eligibility and exclusion criteria, beneficiary selection processes, land access arrangements, and monitoring results; and arrangements for receiving and responding to stakeholder feedback and grievances.<br><br>As participating villages and specific investments become known during implementation, stakeholder engagement activities shall be carried out in accordance with the SEF and integrated into village planning, proposal preparation and review, implementation, monitoring, evaluation, and grievance management processes. During village proposal preparation, proportionate documentation shall record the main stakeholder inputs relevant to investment and beneficiary selection, land or productive asset-use arrangements, and other substantive concerns affecting the proposal, together with agreed follow-up and how such inputs were considered in finalizing the proposal. For activities involving beneficiary selection or Project-supported productive assets, the applicable selection criteria and arrangements for allocation, access to, and use of such assets shall be disclosed and discussed with affected communities.<br><br>The SEF shall also establish requirements for village- and district-level stakeholder engagement processes during proposal preparation, review, implementation, monitoring, and evaluation, including requirements for engagement with Indigenous Peoples where relevant.<br><br>Relevant stakeholder engagement and grievance management requirements shall be integrated into the ESMF, village proposal templates, district verification procedures, operational guidance, training materials, and the Project's proposal submission, monitoring, and reporting systems. | Prepare and disclose the draft SEF by Appraisal. Consult the SEF prior to Negotiation. Finalize, adopt, and disclose the SEF prior to Effectiveness and before village proposal development and community decision-making begin, and thereafter implement it throughout Project implementation. | CPMU (MoVDA), CPIU (MoHA), PIUs (MoVDA, MoHA, MoF) |

| MATERIAL MEASURES AND ACTIONS | | TIMEFRAME | RESPONSIBLE ENTITY |
|---|---|---|---|
| | | | |
| 10.2 | **PROJECT GRIEVANCE MECHANISM**<br>Establish, publicize, maintain and operate an accessible, tiered grievance mechanism linking village and district-level intake, referral, and escalation arrangement with Project-level case documentation managed by MoVDA with SIPEMANDU and SP4N-LAPOR!, as applicable, at the central level. The MoVDA team will use SIPEMANDU to record, response, follow up and refer or escalate the complaints to the relevant units. The mechanism shall receive, record, resolve and escalate concerns promptly and transparently; be culturally appropriate, free of charge and accessible without retribution; accept anonymous complaints; include service standards, monitoring and reporting; and provide confidential, safe and survivor-centered channels for SEA/SH-related complaints and referral to relevant service providers. | Tiered FGRM arrangements should function before village proposal development and community decision-making begin, and thereafter maintain and operate it throughout Project implementation. | CPMU (MoVDA) |

**INDICATORS FOR IMPLEMENTATION READINESS** [This subsection lists the ESCP actions (by their numbering in the first column of the ESCP) that are identified as relevant to monitor project readiness from an E&S standpoint. These may include actions related to: i) establishment of E&S risk management units in the Project Implementation Entities, ii) recruitment and training of E&S staff within Project Implementation Entities, iii) Memorandums of Understanding or other written agreements/arrangements between Project Implementation Entities and other concerned agencies to ensure proper coordination of E&S risk management activities; iv) E&S effectiveness or disbursement conditions, if deemed warranted, v) ES assessments and plans to be prepared by the Borrower at the onset of implementation; vi) other project-specific requirements related to E&S readiness for implementation].

The following actions are indicators for implementation readiness:

The following actions are indicators for implementation readiness: **A, B, 1.1, 1.2, 2.1, 10.1, and 10.2.** The relevant arrangements under these actions shall be in place and operational before village proposal development begins, including E&S staffing and capacity required for that stage, applicable E&S instruments and procedures, screening and district verification arrangements, stakeholder engagement and grievance mechanisms, and supporting operational and digital systems.