

# **Indonesia Disaster Resilience Initiatives Project (P170874)**

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

**May 16, 2019**

**Prepared By:**

**National Disaster Management Authority  
(BNPB) and Indonesian Agency for Meteorology,  
Climatology and Geophysics (BMKG)**

**Note: This ESCP is in a draft form and yet to be agreed by all parties involved in the implementation of the outlined measures to address the applicable ESSs under the project. Once consensus has been secured from these parties, the final agreed ESCP will be disclosed by the Government of Indonesia by their respective implementing agencies.**

**Republic of Indonesia / National Disaster Management Authority and Indonesia Agency for Meteorology,  
Climatology and Geophysics**

**Indonesia Disaster Resilience Initiatives Project (P170874)**

**ENVIRONMENTAL AND SOCIAL COMMITMENT PLAN**

1. The Republic of Indonesia is planning to implement the Indonesia Disaster Resilience Initiatives Project (the **Project**), with the involvement of the following Ministries/agencies/units: 1) National Disaster Management Authority (BNPB) and 2) Indonesia Agency for Meteorology, Climatology and Geophysics (BMKG). The International Bank for Reconstruction and Development (hereinafter the **Bank**) has agreed to provide financing for the Project.
2. Subject to further confirmation of the loan request, Republic of Indonesia, through BNPB and BMKG will implement material measures and actions so that the Project is implemented in accordance with the World Bank's Environmental and Social Standards (**ESSs**). This Environmental and Social Commitment Plan (**ESCP**) sets out a summary of the material measures and actions.
3. Where the ESCP refers to specific plans or other documents, whether they have already been prepared or are to be developed, the ESCP requires compliance with all provisions of such plans or other documents. In particular, the ESCP requires compliance with the provisions set out in the environmental impact assessment (AMDAL or UKL-UPL), Stakeholder Engagement Plan (SEP), Labor Management Procedures, Resettlement Action Plan, any other documents that will be identified and 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 Republic of Indonesia is responsible for compliance with all requirements of the ESCP even when implementation of specific measures and actions is conducted by the project implementation units under BNPB and BMKG.
5. Implementation of the material measures and actions set out in this ESCP will be monitored and reported to the Bank by Republic of Indonesia 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 Republic of Indonesia, 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, Republic of Indonesia 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 an exchange of letters signed by the Bank and the Republic of Indonesia. The Republic of Indonesia will disclose the updated ESCP promptly. Depending on the project, the ESCP may also specify the funding necessary for completion of a measure or action.
7. Where Project changes, unforeseen circumstances, or Project performance result in changes to the risks and impacts during Project implementation, the Republic of Indonesia shall provide additional funds, if needed, to implement actions and measures to address such risks and impacts.

<b>Indonesia Disaster Resilience Initiatives Project [P170874]</b> <b>ENVIRONMENTAL AND SOCIAL COMMITMENT PLAN</b> <b>DATE [Draft April 12, 2019]</b>				
<b>Summary of the Material Measures and Actions to Mitigate the Project's Potential Environmental and Social Risks and Impacts</b>		<b>Timeframe</b>	<b>Responsibility / Authority and Resources/Funding Committed</b>	<b>Date of Completion</b>
<b>ESCP Monitoring and Reporting</b>				
	<b>REGULAR REPORTING:</b> Prepare and submit regular monitoring reports on the implementation of the ESCP.	Six-monthly throughout Project implementation.	Project Implementation Units/PIUs (BNPB and BMKG)  Source: loan proceeds under Project Implementation Support (Component 2 – BMKG; Component 3 – BNPB).	To be confirmed. It is proposed for recurring reporting (six-monthly throughout Project implementation.
	<b>INCIDENTS AND ACCIDENTS NOTIFICATION:</b> Prepare and implement an incident reporting procedure as part of the project-level Environmental and Social Management Framework (ESMF), indicating details of the incident, institutional responsibilities, immediate measures to address the reported incident and information requirements to be provided by the contractor or supervision engineer as appropriate.	Prior to loan effectiveness. Maintain throughout Project implementation.	BNPB and BMKG  Source: loan proceeds under Project Implementation Support (Component 2 – BMKG; Component 3 – BNPB).	To be confirmed (i.e. expected date for the loan effectiveness).
<b>SUMMARY ASSESSMENT</b>				
<b>ESS 1: ASSESSMENT AND MANAGEMENT OF ENVIRONMENTAL AND SOCIAL RISKS AND IMPACTS</b>				
1.1	<b>ORGANIZATIONAL STRUCTURE:</b> The PMU to hire at least two personnel as qualified environmental and social specialist with at least 5 years of experience embedded in the Project Management Unit (PMU) to assist the PIUs.	Prior to loan effectiveness. Maintain as necessary throughout Project implementation.	BNPB and BMKG  Source: loan proceeds under Project Implementation Support (Component 2 – BMKG; Component 3 – BNPB).	Prior to loan effectiveness. E&S staff to be retained until the project's completion.
1.2	<b>ENVIRONMENTAL AND SOCIAL ASSESSMENT:</b> Prepare a project-level ESMF which establish requirements for screening and/or guide sub-project activities which may require specific environmental and social assessment or management plans. The	Prior to loan effectiveness. Maintained throughout Project implementation.	BNPB and BMKG Source: loan proceeds Project Implementation Support (Component 2 – BMKG; Component 3 – BNPB).	Prior to loan effectiveness.  ESMF to be prepared by BMKG and BNPB

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	project-level ESMF will have specific requirements on the need for management plans at project and sub-project levels.			that is acceptable to the Bank before the loan effectiveness.
1.3	<b>PERMIT, CONSENTS AND AUTHORIZATIONS:</b> a. For sub-components 1.3 and 1.4, obtain relevant environmental permits through AMDAL or UKL/UPL processes applicable to the project activities from relevant government authorities. During project implementation. These permits will be subject to the Bank's due diligence on the basis of which, remedial measures may be proposed. b. Under other sub-components, the need and types of environmental permits for each individual activity will be further assessed during project implementation.	Prior to procurement of construction works.	BNPB and BMKG  Source: loan proceeds under Project Implementation Support (Component 2 – BMKG; Component 3 – BNPB).	Prior to procurement of construction works.
1.4	<b>THIRD PARTY MONITORING:</b> Prepare a Terms of Reference (TOR) under the project's ESMF for independent E&S audits indicating the scope, timing, reporting processes and feedback loops.	Prior to loan effectiveness	BNPB and BMKG  Source: loan proceeds under Project Implementation Support (Component 2 – BMKG; Component 3 – BNPB).	Prior to loan effectiveness.
<b>ESS 2: LABOR AND WORKING CONDITIONS</b>				
2.1	<b>LABOR MANAGEMENT PROCEDURES:</b> As part of the ESMF specified in 1.2, develop Labor Management Procedure (LMP) in accordance with the GOI's legal framework and the ESS2. This LMP is applicable to direct workers, contracted workers and community workers.	Prior to loan effectiveness and updated during implementation.	BNPB and BMKG  Source: loan proceeds under Project Implementation Support (Component 2 – BMKG; Component 3 – BNPB).	Prior to loan effectiveness.

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2.2	<p><b>GRIEVANCE REDRESS MECHANISM (GRM) FOR PROJECT WORKERS:</b>                      Develop and maintain a grievance mechanism as part of the labor management procedures for project workers.</p>	<p>GRM procedure for project workers is established prior to loan effectiveness. GRM to be disseminated <i>to project workers prior to commencing any works and maintained</i> throughout the project implementation.</p>	<p>BNPB and BMKG                      Appointed Contractors</p> <p>Source:                      a. Loan proceeds under Project Implementation Support (Component 2 – BMKG; Component 3 – BNPB).                      b. Contractors' E&amp;S budget</p>	<p>To be confirmed (i.e. expected date for the loan effectiveness)</p>
2.3	<p><b>OHS MEASURES:</b> As part of the ESMF specified in 1.2, develop and implement occupational, health and safety (OHS) measures for project workers in accordance to the ESS5.</p>	<p>Prior to loan effectiveness and maintained throughout the project implementation.</p>	<p>BNPB and BKMG</p> <p>Source: loan proceeds under Project Implementation Support (Component 2 – BMKG; Component 3 – BNPB).</p>	<p>Prior to loan effectiveness.</p>
2.4	<p><b>EMERGENCY PREPAREDNESS AND RESPONSE:</b> Prepare Emergency Preparedness and Response Plan under Sub-components 1.3, 1.4 and 2.3 for (i) construction period and (ii) for operation stage. Ensure workers and contractors are trained. Implement the plan as needed.</p>	<p>Plan in place: prior to construction, prior to operation</p> <p>Workers trained: prior to commencing project work</p>	<p>Contractor</p> <p>Source: loan proceeds under Project Implementation Support (Component 2 – BMKG; Component 3 – BNPB).</p>	<p>To be confirmed</p>

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		Plan implemented: as required during construction and operation		
2.5	<b>PROJECT WORKERS TRAINING:</b> Implement training of Project Workers designed to heighten awareness of OHS risks.	Prior to and during construction	BNPB Source: loan proceeds under Project Implementation Support (Component 2 – BMKG; Component 3 – BNPB).	To be confirmed
<b>ESS 3: RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT</b>				
3.1	<b>MANAGEMENT OF WASTE AND HAZARDOUS MATERIALS:</b> As part of the ESMF specified in 1.2, develop and implement measures and procedures for management of waste and hazardous materials during demolition, dismantling and disposal. This will include the requirements on the disposal of batteries and thermometers from weather stations to proper licensed hazardous waste management facilities (if any).	Prior to loan effectiveness and maintained throughout the project implementation.	BNPB and BMKG Source: loan proceeds under Project Implementation Support (Component 2 – BMKG; Component 3 – BNPB).	Prior to loan effectiveness.
<b>ESS 4: COMMUNITY HEALTH AND SAFETY</b>				
4.1	<b>TRAFFIC AND ROAD SAFETY:</b> As part of the ESMF specified in 1.2, develop and implement a road safety management procedure as part of the ESMF to address potential hazards for communities resulting from construction activities and operationalization of construction equipment.	Prior to loan effectiveness. Maintained throughout construction activities	Contractors with oversight from PIUs. Source: contractors' E&S budget	Prior to loan effectiveness.

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4.2	<b>COMMUNITY HEALTH AND SAFETY:</b> Prepare hazard risk assessment and contingency plan in coordination with local authorities and affected communities to build early warning communication and evacuation plans.	Prior to construction works. Maintained throughout construction activities	BNPB	Prior to loan effectiveness.
4.3	<b>GBV AND SEA RISKS:</b> As part of the project's ESMF specified in 1.2 and Technical Assistance (TA) support by the project, develop and implement measures and actions as well as capacity building plans to assess and manage the risks of gender-based violence (GBV) and sexual exploitation and abuse (SEA) as direct risks of project implementation and management of future disasters.	Prior to loan effectiveness. Maintained throughout Project implementation.	BNPB  Source: loan proceeds under Project Implementation Support	Prior to loan effectiveness.
4.4	<b>EMERGENCY RESPONSE MEASURES:</b> As part of the ESMF specified in 1.2, develop and implement measures to address emergency events during the construction and operation phases in coordination with measures under 2.4 where relevant.	Prior to loan effectiveness. Maintained throughout Project implementation.	BNPB  Source: loan proceeds under Project Implementation Support	Prior to loan effectiveness.
<b>ESS 5: LAND ACQUISITION, RESTRICTIONS ON LAND USE AND INVOLUNTARY RESETTLEMENT</b>				
5.1	<b>RESETTLEMENT POLICY FRAMEWORK (RPF):</b> As part of the ESMF specified in 1.2, develop a Resettlement Policy Framework (RPF) describing policies, procedures and processes that will be followed throughout the project in the course of mitigation of adverse social impacts due to project-related land acquisition, restriction on land use and involuntary resettlement.	Prior to loan effectiveness. Maintained throughout Project implementation.	BNPB  Source: loan proceeds under Project Implementation Support	Prior to loan effectiveness.
5.2	<b>RESETTLEMENT PLANS (RP):</b> in the event that involuntary resettlement is envisaged for the purpose of land acquisition, develop and implement Resettlement Plans consistent with the	Prior to land acquisition and	BNPB	Prior to land acquisition and resettlement (if any).

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	requirements of Government of Indonesia's law and regulation as well as ESS5. The plan will include details of consultations and engagement with affected people, livelihoods restoration measures and available GRM processes to affected land owners.	resettlement (if any)	Source: loan proceeds under Project Implementation Support	
5.3	<b>GRIEVANCE MECHANISM:</b> As part of the ESMF specified in 1.2, prepare a Grievance Redress Mechanism (GRM) framework for potentially affected people as a result of land acquisition (if any)	Prior to loan effectiveness. Maintained throughout Project implementation.	BNPB Source: loan proceeds under Project Implementation Support	Prior to loan effectiveness.
<b>ESS 6: BIODIVERSITY CONSERVATION AND SUSTAINABLE MANAGEMENT OF LIVING NATURAL RESOURCES</b>				
6.1	<b>BIODIVERSITY RISKS AND IMPACTS:</b> As part of the ESMF specified in 1.2, develop and implement screening procedures to ensure no biodiversity risks and impacts resulting from the proposed infrastructure.	Prior to loan effectiveness. Maintained throughout Project implementation.	BNPB Source: loan proceeds under Project Implementation Support	Prior to loan effectiveness.
<b>ESS 7: INDIGENOUS PEOPLES/SUB-SAHARAN AFRICAN HISTORICALLY UNDERSERVED TRADITIONAL LOCAL COMMUNITIES</b>				
7.1	<b>INDIGENOUS PEOPLES PRESENT OR COLLECTIVELY ATTACHED TO PROJECT AREA:</b> Conduct an assessment in conjunction with action 1.2 (Environmental and Social Assessment) of the ESCP to understand the nature and degree of the expected direct and indirect economic, social, cultural and environmental impacts on community groups identified as Indigenous Peoples who are present in, or have collective attachment to, the project area and other footprints	Following identification of project locations	BNPB and BMKG Source: loan proceeds under Project Implementation Support (Component 2 – BMKG; Component 3 – BNPB).	Following identification of project locations.



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7.2	<b>INDIGENOUS PEOPLES PLANNING FRAMEWORK:</b> develop and implement an Indigenous Peoples Planning Framework (IPPF) as part of the project's ESMF specified in 1.2. The IPPF will provide a guideline for screening, consultations and engagement as well as GRM for community groups identified as Indigenous Peoples.	Prior to loan effectiveness	BNPB and BMKG Source: loan proceeds under Project Implementation Support (Component 2 – BMKG; Component 3 – BNPB).	Prior to loan effectiveness.
7.3	<b>INDIGENOUS PEOPLES PLAN:</b> develop and implement an Indigenous Peoples Plan (IPP) in the event that there is presence of Indigenous Peoples in the project target areas as informed by the screening process specified in 7.1.	After screening (if there is presence of Indigenous peoples)	BNPB and BMKG Source: loan proceeds under Project Implementation Support (Component 2 – BMKG; Component 3 – BNPB).	After screening (if there is presence of Indigenous peoples)
<b>ESS 8: CULTURAL HERITAGE</b>				
8.1	<b>CHANCE FINDS:</b> If required, a chance find procedure will be produced as part of the ESMF.	Prior to loan effectiveness. Maintained throughout Project implementation.	BNPB and BMKG Source: loan proceeds under Project Implementation Support (Component 2 – BMKG; Component 3 – BNPB).	Prior to loan effectiveness.
<b>ESS 10: STAKEHOLDER ENGAGEMENT AND INFORMATION DISCLOSURE</b>				
10.1	<b>SEP PREPARATION:</b> Develop a Stakeholder Engagement Plan (SEP) that describes how information will be provided to, and received from, stakeholders. The SEP will include and describe a grievance mechanism.	A framework-level SEP will be developed and disclosed prior to Board's approval.	BNPB and BMKG Source: loan proceeds under Project Implementation Support (Component 2 – BMKG; Component 3 – BNPB).	Prior to loan effectiveness.

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10.2	<b>SEP IMPLEMENTATION:</b> Implement the Stakeholder Engagement Plan, including grievance mechanism. This is to include information dissemination and consultations regarding emergency preparedness and response, and training of local officials as needed to implement the plan.	Throughout Project implementation	BNPB and BMKG Source: loan proceeds under Project Implementation Support (Component 2 – BMKG; Component 3 – BNPB).	After loan effectiveness and maintained throughout project implementation.
<b>Capacity Support</b>				
<b>Specify Training to be provided</b>		<b>Specify Targeted Groups and Timeframe for Delivery</b>	<b>Specify Training Completed</b>	
To be identified during project implementation.		To be identified during project implementation.	To be identified during project implementation.	