

Republic of Indonesia

PT Perusahaan Listrik Negera (PLN)

**Development of Pumped Storage Hydropower in Java Bali System Project
(P172256)**

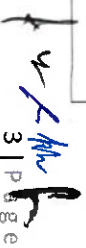
**Environmental and Social Commitment Plan
(ESCP)**

**Updated
September 30, 2025**

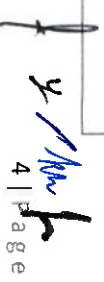
ENVIRONMENTAL AND SOCIAL COMMITMENT PLAN

1. Republic of Indonesia's Development of Pumped Storage Hydropower in the Java-Bali System Project (the Project) will be implemented by PT Perusahaan Listrik Negara (PLN) (the Project Implementing Entity). The International Bank for Reconstruction and Development (hereinafter 'the Bank') has agreed to provide financing for the Project. The Asian Infrastructure Investment Bank has also agreed to provide financing for Component 1 "Development of the Upper Cisokan Plant" of the Project. Republic of Indonesia will provide, or cause PLN to provide, the counterpart funds needed to complete the financing of the Project.
2. Republic of Indonesia will implement, or will cause the Project Implementing Entity to 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 the material measures and actions, any specific documents or plans to be taken or developed and complied with to comply with the ESSs, as well as the timing for each such action, measure, document, and plan.
3. Republic of Indonesia will also comply, and will cause the Project Implementing Entity to comply, with the provisions of any other E&S documents required under the ESF and referred to in this ESCP, such as Environmental and Social Management Plans (ESMP), Social Community Management Plan (SCMP), Biodiversity Management Plan (BMP), Forest Partnership Framework (FPF), and the Land Acquisition Resettlement Framework (LARF), and the timelines specified in those E&S documents.
4. 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 Ministry, agency or unit or Project Implementing Entity referenced in 1. above.
5. Implementation of the material measures and actions set out in this ESCP will be monitored and reported to the Bank by the Republic of Indonesia, through PLN, 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 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, through PLN, will agree to the changes with the Bank, and will update the ESCP to reflect such changes. Agreement on changes to the ESCP will be documented through the exchange of letters signed between the Bank and the President Director of PLN. Republic of Indonesia, through PLN, will promptly disclose the updated ESCP.
7. Where Project changes, unforeseen circumstances, or Project performance result in changes to the risks and impacts during Project implementation, Republic of Indonesia shall provide additional funds, if needed, to implement actions and measures to address such risks and impacts of the Project during implementation, which may include environmental, social, health and safety impacts, labor influx, gender-based violence.

MATERIAL MEASURES AND ACTIONS		TIMEFRA ME	RESPONSIBLE ENTITY/AUTHORITY
MONITORING AND REPORTING			
A	REGULAR 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 environmental and social (E&S) documents required under the ESCP, stakeholder engagement activities, functioning of the grievance mechanisms.	Every six months throughout Project implementation until the Closing Date.	Executive Vice President Project Development, Loan, and Permits (EVP PPP)
B	INCIDENTS AND ACCIDENTS 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. 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 Bank's request, prepare a report on the incident or accident and propose any measures to prevent its recurrence.	Notify the Bank within 24 hours after learning of the incident or accident. A written report will be provided to the Bank within 48 hours after the occurrence of the incident or accident.	Unit Induk Pembangunan Jawa Bagian Tengah (UIP JB T)
C	CONTRACTORS MONTHLY REPORTS Contractors Reports Contractor monthly reports to be submitted to the Bank by the PMO.	Contractor progress reports to be shared with the Bank on a monthly basis throughout Project implementation.	GM-UIP JB T

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MATERIAL MEASURES AND ACTIONS	TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
ESS 1: ASSESSMENT AND MANAGEMENT OF ENVIRONMENTAL AND SOCIAL RISKS AND IMPACTS		
1.1 ORGANIZATIONAL STRUCTURE		
<p>a) Establish and maintain UIP JBT E&S structure with qualified staff and resources to support management of E&S risks and impacts as laid out and agreed in various E&S plans for UCPS under Component 1 and 2. This includes the engagement of consultants.</p> <p>b) Establish and maintain an Environmental, Social, Health, Safety and Security (ESHSS) team, with suitably qualified and experienced workers, within the Supervision Engineer team to support Contractor ESHSS performance for the duration of the pre-construction, construction and defects liability periods for all Packages and any other contracts under Component 1.</p>	<p>a) The E&S organizational structure for UIP JBT for Component 1 and 2 will be established within one month of Project Effective Date and maintained throughout Project implementation. At least one full time environmental manager and one full time social manager is required to be engaged on the Project throughout Project implementation.</p> <p>b) The Supervision Engineer ESHSS team to be fully staffed and operational within two months of their contract signing and maintained throughout Project implementation.</p>	<p>GM-UIP JBT and Executive Vice President Construction Jawa, Madura, Bali, Maluku Papua, and Nusa Tenggara (EVP MKJ)</p> <p>GM-UIP JBT</p>

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MATERIAL MEASURES AND ACTIONS	TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
<p>c) Establish and maintain an organizational structure with qualified staff and resources to manage the E&S part of the detailed design for Matenggeng Pumped Storage Scheme (Matenggeng PSS) and Poko Hydropower Project (Poko HPP) under Component 3. Establish and ensure that consultant teams mobilize and maintain sufficient and qualified staff for various environmental and social planning tasks, including Environmental and Social Impact Assessment (ESIA), Environmental and Social Management Plan (ESMP), Cumulative Impact Assessment (CIA), Land Acquisition and Resettlement Action Plan (LARAP), Indigenous Peoples Plan (IPP), and Labor Management Procedures (LMP), for the detailed design of Matenggeng PSS and Poko HPP under Component 3, acceptable to the Bank.</p>	<p>c) Executive Vice President of Energy Transition and Sustainability at PLN HQ (EVP TEK) to assign at least one environmental specialist and at least one social specialist within one month of Project Effective Date and maintain the position throughout Project implementation.</p> <p>EVP TEK, UIP JB T and UIP Sulawesi to assign on a part time basis, suitably qualified staff and resources to support consultation and field work within one month of Project Effective Date and maintain those positions throughout Project implementation.</p> <p>The E&S organizational structure for PLN for Component 3 will be established within one month of Project Effective Date and maintained throughout Project implementation.</p>	<p>Executive Vice President Energy Transition and Sustainability) EVP TEK</p> <p>GM-UIP JB T is responsible for Matenggeng PSS; GM-UIP South Sulawesi is responsible for Poko HPP</p> <p>EVP TEK</p>
<p>d) Establish and utilize an independent panel of environmental and social specialists (ESP) with expertise in hydropower projects to provide advisory services to Component 1 and 3 to ensure compliance with the World Bank ESF and the application of good international industry practice. The ESP shall have the composition and terms of reference acceptable to the Bank.</p>	<p>d) At least one Environmental, one Biodiversity and one Social Panel members to have contracts signed within one month of the Project Effective Date and retained and utilized throughout Project Implementation.</p>	<p>Executive Vice President for Various New Renewable Energy (EVP MEB)</p>



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<p>Provide all financial and administrative support and cooperation necessary for the SP to carry out its functions in accordance with its terms of reference. Ensure the ESP is responsible for, inter alia 1) advising on all aspects of the Project relevant to environmental and social risk management and implementation of the ESCP, including the preparation and implementation of the ESMP and subplans (including the BMP and SCMP), LARAP, LARF and FPF; 2) building capacity and monitoring training of Project workers; 3) conduct site visits relevant to the key milestones and activities for each Component, including an initial site visit, resettlement activities, investigations, preparation of instruments, consultation events, construction supervision and initial filling; 4) providing review and advice on significant environmental, health, safety or social incident response and management; 5) monitoring the efficacy of construction supervision; and 6) preparation and submission of written reports of review, actions and recommendations on site visits, meetings, review and advisory services in accordance with timeframes and milestones specified in the Terms of References (TOR).</p> <p>Implement the recommendations of the ESP in a timely manner acceptable to the Bank.</p>	<p>Submit ESP reports to the Bank for review no later than fifteen days after the receipt of such report.</p>	<p>GM-UIP JBT</p>



MATERIAL MEASURES AND ACTIONS	TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
<p>e) Prepare and implement an environmental and social management system (ESMS) for UCPS (Component 1 and 2) the implementation of instruments and management of compliance, resources, budgets, mitigation measures, training, stakeholder engagement, data management, communications, incidents, non-compliances, and reporting.</p> <p>f) Prepare and sign a Memorandum of Understanding (MOU) with Perhutani regarding the agreed roles and responsibilities for implementing the BMP and PPF.</p>	<p>e) UCPS ESMS to be operational within six months of the Project Effective Date and maintained and implemented for the duration of the project.</p> <p>f) Prepare a draft MOU document for Bank review within 4 months of the Project Effective Date. Signed MOU with Perhutani within nine months of the Project Effective Date.</p>	<p>GM-UJP JBT</p> <p>GM-UJP JBT</p> <p>GM-UJP JBT</p>
<p>1.2 ENVIRONMENTAL AND SOCIAL ASSESSMENT</p> <p>Prepare a TOR and undertake further biodiversity baseline assessment and impact assessment studies in relation to the transmission line and update the ESMP and BMP. Thereafter adopt and implement the ESMP and BMP as required in a manner acceptable to the Bank.</p>	<p>Studies to be completed and ESMP and BMP to be updated and disclosed prior to the advertisement of Package 3 bid documents for the design and construction of the UCPS transmission lines.</p> <p>Studies to be completed and ESMP and other plans updated and disclosed at least six months prior to the commencement of works to prepare the reservoir for filling.</p>	<p>GM-UJP JBT</p> <p>GM-UJP JBT</p>


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MATERIAL MEASURES AND ACTIONS	TIMEFRAE	RESPONSIBLE ENTITY/AUTHORITY
<p>Prepare an assessment of the environmental and social risks of dam break, once engineering analysis has been done, and update the ESIA, ESMP and SCMP as necessary as a result of the assessment.</p> <p>Prepare TORs and ensure that Matenggeng PSS and Poko HPP E&S consultant teams carry out the ESIA and ESMP in line with the requirements of the Environmental and Social Framework (ESF) for Component 3.</p>	<p>Within three months of the acceptance of the engineering analysis on dam break.</p> <p>The TORs for Matenggeng PSS and Poko HPP completed and approved by the Bank and implemented throughout the consultant's contract period.</p>	<p>GM-UJP JBT</p> <p>EVP MEB</p>
<p>1.3</p> <p>MANAGEMENT TOOLS AND INSTRUMENTS</p> <p>Update, adopt and implement the 2021 versions of the UCPS ESIA, ESMP, SCMP, FPF, and BMP that have been prepared for Components 1 and 2 of the Project, in a manner acceptable to the Bank.</p> <p>Ensure that the UCPS contractors develop and implement their Contractor Environmental and Social Management Plans (C-ESMPs) in line with the agreed Project environmental and social management plans for Components 1 and 2.</p>	<p>Throughout Project implementation.</p> <p>The C-ESMPs completed and approved by the Bank before the contractor commences mobilization at any Project sites and are to be implemented throughout their contract period.</p>	<p>GM-UJP JBT</p>

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MATERIAL MEASURES AND ACTIONS	TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
<p>1.4 MANAGEMENT OF CONTRACTORS</p> <p>Incorporate the relevant aspects of the ESCP, including the relevant E&S documents and plans, and the Labor Management Procedures (LMP), into the ESHS specifications of the procurement documents with contractors for Components 1 and 2.</p> <p>Thereafter ensure that the contractors will comply with the ESHS specifications of their respective contracts, prepare and implement their C-ESMPs and ensure sufficient technical skills, resources and budget to meet the requirements of the ESHS specifications in the procurement documents.</p> <p>Ensure the Contractor for UCPS Package 1, Component 1, has prepared its Emergency Response Plan for contingencies during construction in the C-ESMP and are implemented throughout the period of the contract in a manner acceptable to the Bank.</p>	<p>Prior to the conclusion of contract amendments for UCPS Package 1, 2 and 4 contracts, and before advertisement of procurement documents for Package 3 and any other contracts under the Project.</p> <p>C-ESMPs completed and approved by the Bank prior to contractor mobilization at any Project sites and implemented throughout their contract period.</p> <p>Package 1 C-ESMP completed and approved by the Bank prior to contractor mobilization at any Project site and implemented throughout their contract period.</p>	<p>GM-UJP JBT</p> <p>GM-UJP JBT</p> <p>GM-UJP JBT</p>

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MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
ESS 2: LABOR AND WORKING CONDITIONS			
2.1	<p>LABOR MANAGEMENT PROCEDURES</p> <p>Update and implement the LMP that has been developed for the Project.</p> <p>Ensure that Component 1 contractor C-ESMPs include adequate measures to address labor management procedures and that these are implemented.</p> <p>LMP to be prepared for Matenggeng PSS and Poko HPP under Component 3 includes at least an overview of the labor used in the project, key potential labor risks, legal & regulatory framework, roles & responsibilities, grievance mechanism, and contractor management.</p>	<p>Throughout Project implementation.</p> <p>C-ESMPs completed and approved by the Bank prior to contractor mobilization at any Project sites and implemented throughout their contract period.</p> <p>Delivered by the end of the technical assistance (TA) assignment</p>	<p>GM-UJP JBT</p> <p>GM-UJP JBT</p> <p>EVP TEK</p>
2.2	<p>GRIEVANCE MECHANISM FOR PROJECT WORKERS</p> <p>Establish, maintain and operate a grievance mechanism (GM) for Project workers under Component 1 and Component 2, as described in the UCPS LMP and in accordance with relevant laws of Government of Indonesia and consistent with ESS2.</p> <p>Ensure that Component 1 contractor C-ESMPs include adequate measures to address labor GM and that these are implemented in a manner acceptable to the Bank.</p>	<p>GM to be established prior to conclusion of contract negotiations for Package 1 contractor and site-mobilization of construction workers and maintained throughout Project implementation.</p> <p>C-ESMPs completed and approved by the Bank prior to contractor mobilization at any Project sites and implemented throughout their contract period.</p>	<p>GM-UJP JBT</p> <p>GM-UJP JBT</p>



MATERIAL MEASURES AND ACTIONS	TIMEFRA ME	RESPONSIBLE ENTITY/AUTHORITY
<p>2.3 OCCUPATIONAL HEALTH AND SAFETY (OHS) MEASURES Update and implement occupational, health and safety (OHS), and emergency preparedness and response measures as specified in the ESMP for Components 1 and 2.</p> <p>Ensure that Component 1 contractor C-ESMPs includes adequate measures to address occupational health and safety risk identification and management and that these are implemented in a manner acceptable to the Bank.</p>	<p>Throughout Project implementation.</p> <p>C-ESMPs completed and approved by the Bank prior to contractor mobilization at any Project sites and implemented throughout their contract period.</p>	<p>GM-UJP JBT</p> <p>GM-UJP JBT</p>
<p>ESS 3: RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT</p>		
<p>3.1 WASTE MANAGEMENT Update and implement waste management measures specified in the UCPS ESMP in a manner acceptable to the Bank under Component 1 and 2.</p> <p>Ensure that Component 1 contractor C-ESMPs includes adequate measures to address waste management risks and that these are implemented in a manner acceptable to the Bank, including a Waste Management Plan that covers all waste types including hazardous waste, recycling, reuse, and residual disposal.</p>	<p>Throughout the Project implementation.</p> <p>C-ESMPs completed and approved by the Bank prior to contractor mobilization at any Project sites and implemented throughout their contract period.</p>	<p>GM-UJP JBT</p> <p>GM-UJP JBT</p>

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MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
3.2	<p>RESOURCE EFFICIENCY AND POLLUTION PREVENTION AND MANAGEMENT</p> <p>Update and implement water resource efficiency, energy efficiency, minimization and optimization of cut and fill, erosion and sediment control, pollution prevention and management measures specified in the UCPS ESMP in a manner acceptable to the Bank under Component 1 and 2.</p> <p>Ensure that Component 1 contractor C-ESMPs include adequate measures to address pollution prevention and management measures and that these are implemented in a manner acceptable to the Bank.</p>	<p>Throughout the Project implementation.</p> <p>C-ESMPs completed and approved by the Bank prior to contractor mobilization at any Project sites and implemented throughout their contract period.</p>	<p>GM-UIP JBT</p> <p>GM-UIP JBT</p>
ESS 4: COMMUNITY HEALTH AND SAFETY			
4.1	<p>TRAFFIC AND ROAD SAFETY</p> <p>Update and implement measures in the ESMP to further assess and manage traffic and road safety risks during Project construction.</p> <p>Ensure that Component 1 contractor C-ESMPs includes adequate measures to address road safety and traffic management risks and that these are implemented in a manner acceptable to the Bank.</p>	<p>Throughout the Project implementation.</p> <p>C-ESMPs completed and approved by the Bank prior to contractor mobilization at any Project sites and implemented throughout their contract period.</p>	<p>GM-UIP JBT</p> <p>GM-UIP JBT</p>

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MATERIAL MEASURES AND ACTIONS		TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
4.2	<p>COMMUNITY HEALTH AND SAFETY:</p> <p>Update and implement measures in the ESMP and SCMP to further assess and manage specific risks and impacts to local communities arising from project activities, including risks of behavior of Project workers, risks of labor influx and response to emergency situations for Component 1 and 2.</p> <p>Ensure that Component 1 contractor C-ESMPs includes adequate measures to address community health and safety risks and that these are implemented in a manner acceptable to the Bank.</p>	Throughout Project implementation.	GM-UJP JBT
4.3	<p>SEA/SH RISKS:</p> <p>Update when necessary and implement the Gender-Based Violence Action Plan (GBV Action Plan) to further assess and manage the risks of sexual exploitation and abuse/Sexual Harassment (SEA/SH) as part of the SCMP for Component 1 and 2.</p> <p>Ensure that Component 1 contractor C-ESMPs includes adequate measures to address SEA/SH risks and that these are implemented in a manner acceptable to the Bank.</p> <p>SEA/SH risks assessment and mitigation measures to be prepared for Matenggeng PSS and Poko HPP under Component 3 includes at least a general overview of situation of gender-based violence in the project location, definitions and guiding principles, SEA/SH prevention and response action plan, and implementing arrangements</p>	<p>Throughout Project implementation.</p> <p>C-ESMPs completed and approved by the Bank prior to contractor mobilization at any Project sites and implemented throughout their contract period.</p> <p>Delivered by the end of the TA assignment</p>	<p>GM-UJP JBT</p> <p>EVP TEK</p>



MATERIAL MEASURES AND ACTIONS	TIMEFRAE	RESPONSIBLE ENTITY/AUTHORITY
<p>4.4 SECURITY PERSONNEL: Make sure that contractors plan and adopt necessary arrangements and measures for their staff and property security, and propose measures on security personnel management as part of their C-ESMPs for Component 1, in line with the project LMP and ESMP and consistent with the requirements of ESS4 and in a manner acceptable to the Bank</p>	<p>C-ESMPs completed and approved by the Bank prior to contractor mobilization at any Project sites and implemented throughout their contract period.</p>	<p>GM-UJP JBT</p>
<p>4.5 DAM SAFETY: A Panel of Experts in roller-compacted dam design and concrete technology, dam building, hydrology and sediment management, seismic hazards, hydraulic structures, underground structures, mechanical and electrical design and geotechnical expertise (called the Project Review Panel (PRP)) will be engaged by PLN and retained and utilized for the duration of the Project for Component 1 and Component 3. The PRP composition and TORs shall be acceptable to the Bank.</p>	<p>Component 1 PRP members to have contracts signed prior to the Project Effective Date and retained and utilized for the duration of the Project. Component 3 PRP members to have contracts signed prior to the inception of Detailed Design and Engineering Consultancy contract and retained and utilized for the duration of the Project.</p>	<p>GM-UJP JBT</p>

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MATERIAL MEASURES AND ACTIONS	TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
<p>Provide all financial and administrative support and cooperation necessary for the PRP to carry out its function in accordance with its terms of reference. Ensure the PRP undertakes responsibility for, inter alia, 1) review and advice relating to safety and other critical aspects of the dams and reservoirs and areas surrounding and downstream of the dams and reservoirs; 2) review of the investigations, design, construction and commencement of operations of the dams and reservoirs, in relation to the work plans for each Component; 3) periodic site visits which shall relate to key milestones for each Component including an initial site visit, design, tender documentation, construction, initial filling and start-up phases; 4) review and comment on the preparation and implementation of dam safety plans; 5) support and advice relating to responding to incidents relating to dam safety and 6) preparation and submission of written reports on the findings of field visits, review of technical documentation and incident response in accordance with timeframes and milestones specified in the TORs.</p> <p>Implement the recommendations of the PRP in a timely manner acceptable to the Bank.</p> <p>Prepare a Reservoir Filling Plan covering the reservoir filling schedule including holding points /elevation, surveillance and notification procedures, frequency of instrumentation readings, thresholds for triggering alarms, notification and warning procedures, and so forth for UCPS under Component 1 in a manner acceptable to the Bank. Panel of Experts to review and comment on the Plan. Thereafter implement the Plan as required in a manner acceptable to the Bank under supervision by the Supervision Engineer and independent review by Panel of Experts.</p>	<p>Submit PRP reports to the Bank for review no later than fifteen days after the receipt of such report.</p> <p>Submit Reservoir Filling Plan to the Bank for approval at least 12 months prior to the start of reservoir filling with reference to Instrumentation Plan to be reviewed and upgraded as required. Implementation throughout the impoundment of the scheme.</p>	<p>EVP MEB</p> <p>GM-UJP JBT</p>

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MATERIAL MEASURES AND ACTIONS	TIMEFRAE	RESPONSIBLE ENTITY/AUTHORITY
<p>Prepare full-fledged Operations and Maintenance Plan for UCPS to include organizational structure, staffing, technical expertise, training, equipment, and facilities to operate the dam and periodic dam safety inspections after dam completion. Panel of Experts to review and comment on the Plan. Thereafter implement the Plan as required in a manner acceptable to the Bank under supervision by the Panel of Experts.</p>	<p>Submit full-fledged Operations and Maintenance Plan for UCPS with reference to Instrumentation Plan to be reviewed /upgraded as required to the Bank for approval at least six months prior to reservoir filling. Implementation throughout the impoundment, commissioning, and operation of the scheme.</p>	<p>GM-UJP JBT</p>
<p>Review and, if necessary, update the Construction Supervision and Quality Assurance Plan and Instrumentation Plan for UCPS prepared under the previous Project for compliance with ESS4. Panel of Experts to review and comment on the revised Plans.</p>	<p>Submit updated Construction Supervision and Quality Assurance Plan for UCPS to the Bank for approval prior to the notice to proceed to the Package 1 Contractors.</p>	<p>GM-UJP JBT</p>
<p>Prepare the full-fledged Emergency Preparedness Plan for UCPS, Component 1, in a manner acceptable to the Bank. Panel of Experts to review and comment. Thereafter implement the Plan as required in a manner acceptable to the Bank under independent review by the Panel of Experts.</p>	<p>Submit full-fledged Emergency Preparedness Plan to the Bank for approval at least 12 months prior to the start of reservoir filling. Implementation throughout the impoundment, commissioning, and operation of the scheme.</p>	<p>EVP MEB</p>
<p>Panel of Experts to review the design and bid documents for Component 3 and review any design changes for Component 1.</p>	<p>Review the design and bid documents under Component 3 and any design changes documents under Component 1 to be submitted throughout the Project.</p>	<p>EVP MEB</p>
<p>For Component 3, the Construction Supervision & Quality Assurance Plan, Instrumentation Plan, Preliminary O&M Plan and framework EPP should be prepared or upgraded under the Detailed Design and Engineering Consultancy.</p>	<p>Prepare or upgrade these plans with PRP review and submit them for Bank's review six months before the closing date of the Detailed Design and Engineering Consultancy.</p>	<p>EVP MEB</p>

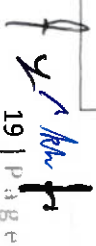
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MATERIAL MEASURES AND ACTIONS	TIMEFRAE	RESPONSIBLE ENTITY/AUTHORITY
<p>5.1 RESETTLEMENT PLANS:</p> <p>Complete detailed planning and its implementation in line with the Action Plan of the LARAP Implementation Review to complete implementation of all outstanding LARAP tasks and issues for the UCPS Scheme under Component 1 and Component 2, in a manner acceptable to the Bank, including but not limited to, the following</p> <ul style="list-style-type: none"> • Complete delivery of all outstanding land compensation payments. • Complete delivery of compensation payment for the restriction of land use within the transmission line ROW. • Deliver infrastructure support to eligible communities in line with government policies. • Complete relocation of remaining households in the Upper and Lower Cisokan Reservoirs. <p>Continued support in livelihood development among the affected households. Implement the LARF, in a manner acceptable to the Bank</p> <p>Develop and implement Forest Partnership Action Plans in line with the FPF for UCPS and in a manner acceptable to the Bank.</p>	<p>Preparation of the action plan to be completed before disbursement can start for sub-component 1.1. This disbursement condition is referenced in the project legal agreement.</p> <p>The action plan shall be implemented during the course of the project in accordance with the milestones and timeframes specified in the plan. Dam filling of Cisokan project (first impoundment) can only start when the action plan to address LARAP outstanding issues is implemented. This condition is referenced in the project legal agreement.</p> <p>Throughout project implementation.</p> <p>As scheduled in accordance with the specific and related UCPS BMP activity under the overall BMP program master schedule, agreed with the Bank.</p>	<p>GM-UJP JBT</p> <p>GM-UJP JBT</p> <p>GM-UJP JBT</p>

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MATERIAL MEASURES AND ACTIONS	TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
<p>5.2 GRITVANCE MECHANISM</p> <p>The UCPS GM as designed for Component 1 and 2 in the SCMP document will be established, maintained and operated in a manner acceptable to the Bank.</p>	<p>As scheduled and agreed with the Bank.</p>	<p>UIP JBT for Matenggeng PS UIP South Sulawesi for Poko HPP</p>
<p>ESS 6: BIODIVERSITY CONSERVATION AND SUSTAINABLE MANAGEMENT OF LIVING NATURAL RESOURCES</p>		
<p>6.1 BIODIVERSITY RISKS AND IMPACTS:</p> <p>Update, if necessary, and implement the UCPS BMP for Component 1 and Component 2 in a manner acceptable to the Bank.</p> <p>Implement stakeholder consultations with relevant technical entities and feedback/outcomes be reflected in updates to the BMP.</p> <p>Ensure the UCPS contractors develop and implement their C-ESMPs to comply with the BMP.</p> <p>Prepare TOR and engage the Integrated Catchment Management (ICM) Facilitation Team to manage the implementation of the BMP.</p> <p>Prepare TOR and ensure that Matenggeng PSS and Poko E&S consultant teams carry out the ESIA and prepare BMP under Component 3 in line with the requirements of ESS6.</p>	<p>Throughout Project implementation.</p> <p>Initial consultation implemented and feedback addressed in updates to the BMP within six months of the Project Effective Date. Consultation to continue throughout Project implementation.</p> <p>C-ESMPs completed and approved by the Bank prior to contractor mobilization at any Project sites and implemented throughout their contract period.</p> <p>ICM Facilitation Team to have commenced work within nine months of the Project Effective Date.</p> <p>Within the period of the detailed design assignment, as part of the environmental and social assessment scope of work.</p>	<p>GM-UIP JBT</p> <p>GM-UIP JBT</p> <p>GM-UIP JBT</p> <p>GM-UIP JBT</p> <p>DIVMEB</p>

MATERIAL MEASURES AND ACTIONS	TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
ESS 7: INDIGENOUS PEOPLES/SUB-SAHARAN AFRICAN HISTORICALLY UNDERSERVED TRADITIONAL LOCAL COMMUNITIES		
<p>7.1 INDIGENOUS PEOPLES PLAN: Prepare TOR for the development of an indigenous people's plan for Poko HPP under Component 3 as part of its detailed design in line with relevant Indonesian laws and ESS7.</p>	<p>Within the period of the detailed design assignment, as part of the environmental and social assessment scope of work.</p>	<p>DIVTEK</p>
ESS 8: CULTURAL HERITAGE		
<p>8.1 Implement and update the Cultural Heritage Management Plan, including the chance finds procedure for UCPS under Component 1. Ensure that Component 1 contractor C-ESMPs include adequate measures to implement the Cultural Heritage Management Plan and that these are implemented. Develop Cultural Heritage Management Plans as part of ESIA for Matenggeng PSS and Poko HPP under Component 3 in line with relevant Indonesian laws and ESS8</p>	<p>Throughout Project implementation. C-ESMPs completed and approved by the Bank prior to contractor mobilization at any Project sites and implemented throughout their contract period. Delivered by the end of the TA assignment.</p>	<p>UIP JBT UIP JBT DIVTEK</p>
ESS 10: STAKEHOLDER ENGAGEMENT AND INFORMATION DISCLOSURE		
<p>10.1 STAKEHOLDER ENGAGEMENT PLAN PREPARATION AND IMPLEMENTATION Update when necessary and implement the Stakeholder Engagement Plan contained in the SCMP for UCPS under Component 1 and 2. Develop and implement stakeholder engagement for Matenggeng PSS and Poko HPP under Component 3 in line with relevant Indonesian laws and ESS10.</p>	<p>Throughout Project implementation. Delivered by the end of the TA assignment</p>	<p>UIP JBT UIP JBT for Matenggeng PS UIP South Sulawesi for Poko HPP</p>



MATERIAL MEASURES AND ACTIONS	TIMEFRAME	RESPONSIBLE ENTITY/AUTHORITY
<p>10.2 PROJECT GRIEVANCE MECHANISM: Establish, maintain and operate the GRM for Component 1 as described in the SCMP for UCPS.</p> <p>Develop a Project Grievance Redress Mechanism as part of the Stakeholder Engagement Plan to be prepared for Matenggeng PSS and Poko HPP under Component 3, in line with relevant Indonesian laws and ESS10</p>	<p>GRM established within three months of the Project Effective Date and maintained throughout Project implementation</p> <p>Delivered by the end of the TA assignment</p>	<p>UIP JBT</p> <p>DIVTEK</p>
CAPACITY SUPPORT (TRAINING)		
<p>CS1 Training and capacity building to be implemented as per the plans in the ESMP and subplans (including BMP and SCMP) for Component 1 and 2.</p> <p>Ensure capacity training for C-ESMP supervision is developed and provided by the Engineering Consultant as per the Engineering Consultant TOR.</p> <p>Provide In-house capacity training for UIP, West Bandung and Cianjur Regencies, and Perhutani concerning Land Acquisition and Resettlement Management (how to complete delivery of all outstanding tasks and resolve outstanding issues including relocation site development, livelihood development), Grievances, Data Management, Stakeholder Engagement, and Monitoring & Evaluation</p>	<p>Throughout Project implementation.</p> <p>Throughout Project implementation.</p> <p>Throughout Project implementation.</p>	<p>UIP JBT</p> <p>UIP JBT</p> <p>UIP JBT</p>
<p>CS3 SEA/SH risks awareness raising for Project workers</p>	<p>Prior to starting construction</p>	<p>Contractors</p>

