**Indonesia: Flood Management in Selected River Basins Sector Project**

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Flood Management in Selected River Basins Sector Project</th>
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<tbody>
<tr>
<td>Project Number</td>
<td>35182-043</td>
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<tr>
<td>Country</td>
<td>Indonesia</td>
</tr>
<tr>
<td>Project Status</td>
<td>Active</td>
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<tr>
<td>Project Type / Modality of Assistance</td>
<td>Loan</td>
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<tr>
<td>Source of Funding / Amount</td>
<td>Loan 3440-IN0: Flood Management in Selected River Basins Sector Project Ordinary capital resources US$ 108.70 million</td>
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**Strategic Agendas**
- Environmentally sustainable growth
- Inclusive economic growth

**Drivers of Change**
- Governance and capacity development
- Knowledge solutions

**Sector / Subsector**
- Agriculture, natural resources and rural development - Rural flood protection

**Gender Equity and Mainstreaming**
- Effective gender mainstreaming

**Description**
The project will support the Government of Indonesia and river-based communities in better managing and mitigating flood risks. The project has been designed as a sector loan to support the implementation of the Strategic Plan for Water Resources, 2015 -2019 (SPWR) of the Ministry of Public Works and Housing (MPWH). The SPWR includes policy measures and priority investments in 63 river basin territories (RBTs) in Indonesia. The project will finance subprojects in the Cidanau Ciujung Cidurian (Banten province) and Ambon Seram (Maluku province) RBTs. Project interventions will (i) enhance hydrometeorological data and analysis, management, and institutional coordination for managing flood risks; (ii) upgrade and develop flood protection infrastructure; (iii) improve watershed conditions to moderate runoff peaks and soil erosion; and (iv) prepare communities to manage floods. The project will promote effective flood risk management (FRM) by coupling infrastructure investment with supporting software measures. It will contribute to the achievement of the government’s National Medium Term Development Plan, 2015 2019 (RPJMN) sector target to reduce the magnitude of economic and social damage due to floods.

**Project Rationale and Linkage to Country/Regional Strategy**
The project will support implementation of part of the SPWR calling for a $3.06 billion investment in flood management. The Cidanau Ciujung Cidurian RBT (which is affected by river floods) and the Ambon Seram RBT (which experiences flash floods) have been initially selected to demonstrate FRM in implementing the RPJMN. The investment will help the government accelerate implementation of Rencanas in selected RBTs, and provides (i) a long-term partnership between the Asian Development Bank (ADB) and the government for policy dialogue and capacity development, and (ii) the potential to investment in other priority areas to ensure continuity in combining infrastructure with nonstructural components.

**Impact**
- Economic and social losses from flood events reduced

**Project Outcome**
- Flood risks in selected river basins, including those in the Cidanau -Ciujung -Cidurian and Ambon -Seram RBTs, reduced through FRM

**Progress Toward Outcome**
The main consulting services were mobilized by January 2018: (i) CS01 (Flood Risk Management and Engineering Services), CS02 (Project Implementation Management Services), (iii) CS05 (Farmland Management and Sustainable Agriculture Practices), and CS06 (Institutional Development for Community-Based Flood Risk Management). Small packages (consulting services and goods) continue to be procured. Construction of the two Ciujung core subprojects civil works packages begun in 2019. Preparation of the flood risk management plans and the subproject summary reports (for the other subprojects) is ongoing. A midterm review mission, conducted on 15-25 July 2019, reviewed the progress of all outputs and identified measures to address implementation problems.

**Implementation Progress**
- Planning for FRM enhanced
- Land management improved and flood infrastructure upgraded
- Capacity for CBRM enhanced
- Policy, coordination, and capacity at the national level improved

**Status of Implementation Progress (Outputs, Activities, and Issues)**
Under Output 1, field surveys are being completed and results will be used to calibrate the hydrodynamic models for the completion of the flood risk management plans (FRMPs) by December 2019. The rationalization plans (with detailed specifications for the preparation of the bidding documents for the procurement of hydrometeorological equipment are being reviewed. The Ministry of Home Affairs (MOHA) has well progressed institutional works to incorporate FRM principles into subnational development plans. Under Output 2, farmers are implementing land conservation and optimization measures under the coordination of MOHA, while MOHA is preparing water conservation community-based activities. The Ciujung core subproject civil works started in January 2019 with a physical planned progress of 25% by end of 2019. In the Ambon Seram RBT, the River Basin Organization of Maluku is initiating the procurement of CW04A civil works packages (Batu Merah check dams). The remaining non-core subprojects have been identified and are being prepared for procurement in 2020.

Under Output 3, MOHA is completing the participatory rapid assessment as basis for community-based activities. Drainage works have been implemented in selected locations in Ambon Seram RBT, showing promising results in the field. Under Output 4, BAPPENAS initiated the preparation of the national FRM strategy and is planning to award the independent monitoring and evaluation consulting services package by November 2019.

**Geographical Location**
- Banten, Provinsi Maluku
The Project is categorized as C for Indigenous Peoples, as there are no indigenous peoples living in the core subproject area. As part of the selection criteria, future subprojects will exclude proposals that will have any impact on indigenous peoples.

During Project Design Stakeholder consultations were conducted in all areas during project preparation and will continue throughout implementation. Continuous consultations will be conducted during implementation and effective measures of stakeholder engagement will be established to ensure ownership of the project especially the success of the community-based flood risk management component.

During Project Implementation To ensure effective communication with stakeholders during project implementation, the project will adopt a three-pronged strategy as follows: (i) deliver relevant information to stakeholders in a culturally appropriate, gender-sensitive, and timely manner; (ii) obtain accurate and timely feedback from stakeholders; and (iii) enable an efficient flow of information from project implementers to stakeholders and vice versa.

All procurement of goods and works will be undertaken in accordance with ADB's Procurement Guidelines (2015, as amended from time to time). Under the project, civil works will be procured through national competitive bidding (NCB) procedures acceptable to ADB for packages up to or equal to $25,000,000 equivalent. Goods will be procured according to ADB's quality-and-cost-based selection (QCBS) method using a quality-cost ratio of 80:20, consultants qualification selection method, and quality-based selection method. For QCBS, all consulting services recruitment notice (CSRN) must be posted in the ADB consultant management system (CMS), MPWH e-procurement system (SPSE ICB), and local English newspaper. The executing and implementing agencies must ensure that all expressions of interest (EOI) are mandatory to be submitted through MPWH SPSE ICB, in addition to the EOI received via CMS, and evaluated accordingly. Executing and implementing agencies will provide assurance that the use of MPWH electronic procurement system to engage the consulting firms will not hamper the advertisement of the CSRNM in CMS nor the receipt of all EOI and corresponding evaluation of EOIs.

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Loan 3440-INO

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<tr>
<th>Milestones</th>
<th>Approval</th>
<th>Signing Date</th>
<th>Effectivity Date</th>
<th>Closing</th>
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<tr>
<td></td>
<td>30 Sep 2016</td>
<td>02 Nov 2016</td>
<td>09 Dec 2016</td>
<td>30 Jun 2023</td>
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<tr>
<th>Financing Plan</th>
<th>Project Cost: 161.57 Cumulative Contract Awards</th>
<th>Original</th>
<th>Revised</th>
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<tr>
<td>Date</td>
<td>ADB Others Net Percentage</td>
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<td>Total (Amount in US$ million)</td>
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Responsible ADB Officer: Lawira, Helena
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Responsible ADB Division: Indonesia Resident Mission
Executing Agencies: Directorate General of Water Resources, Ministry of Public Works & Housing, Republic of Indonesia
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Jakarta Selatan, Indonesia
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