

Sustainable Lake Management: Lake Ecosystem Restoration in Indonesia through Integrated Governance, Landscape, and Community-based Approaches

Section 1: General Information	
Summary	<p>About one percent of the freshwater on the surface of our planet exists in liquid form, and more than 90 percent of it is in lakes and wetlands. Indonesia has more than 1500 lakes, accommodate 500 km³ (five hundred cubic kilometers) of water or 72% (seventy two percent) of the total Indonesian surface water. Like in many other countries, lakes in Indonesia have numerous purposes related to human life, such as drinking water, agriculture, fishery, industry, transportation and energy. Lakes also serve important element to balance ecosystem, control of flood, drought and climate change, and habitat of biodiversity, as well as advantages for ecotourism, education and research.</p> <p>As a result of increased population, intensified use of land and surface water, other human pressures, and some natural phenomenon, our lakes are being threatened, such as sedimentation, water pollution, eutrophication, and decreasing of biodiversity. In this regard, human activities - which is reflected in community's livelihood and behavior at the water body and at the catchment area - has a big contribution to the decreasing of the Lake's ecosystem condition.</p> <p>Development of the commitment is started by understanding the current states of the Lake's ecosystem, that is decreasing of the Lake's condition such as silting and pollution, which cause decreasing of water sources in terms of water quality and quantity, flood and drought, and threat to the freshwater ecosystem biodiversity. Noting the conditions, this commitment development explored problems by understanding the pressures and drivers, and identified that their are related to human activities. A brief analyses showed that the solution requires a community based integrated program, as explained below.</p> <p>This commitment is intended and developed to intervene the process, by providing and facilitating a community- based effort, with the aim of saving the Lake's ecosystem, and increasing of the community welfare as well. In the implementation stages, this commitment combines learning process of the community with a thorough communication, and strengthening contribution of the government, inclusively. Main output of this commitment is policy recommendation, and integrated and innovative intervention at the catchment area of the Lake.</p>
Proponent Name(s)	Ministry of Environment and Forestry, Republic of Indonesia
Proponent Type	National Governments

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Section 2: Commitment	
Linkages to SDG 6	
Target	To generate biodiversity, sustainability of freshwater ecosystem, climate change mitigation, and livelihood improvement through mainstreaming integrated approaches for management, restoration and governance of lake ecosystem in Indonesia
Linkages to other SDG	

Section 3: Actions and Outcomes to Achieve Targets		
Relevant Sub-Theme		
Actions and Outcomes	<p>Outcome 1: Enhanced capacity for lake ecosystem management and governance in Indonesia</p> <p>Action:</p> <ol style="list-style-type: none"> 1. Strengthening policy frameworks and guidelines on integrated lake ecosystem management; 2. Developing methodologies for lake ecosystem health assessment and monitoring; and 3. Improving and updating the database on lake ecosystem management <p>Outcome 2: Integrated lake ecosystem management is implemented</p> <p>Action:</p> <ol style="list-style-type: none"> 1. Participatory planning of integrated lake ecosystem management and landscape improvement 2. Integrated lake ecosystem management 3. Implementation of landscape improvement 4. Developing network for sustainability of improved landscape and the economic benefit <p>Outcome 3: Enhanced community awareness and knowledge, contribution and collaboration among stakeholders on lake ecosystem management and restoration</p> <p>Action:</p> <ol style="list-style-type: none"> 1. Development of lake's center of excellent and its knowledge hub 2. Development of share-learning system and collaboration network 	
Implementation Period	Start Period	5/26/2024
	End Period	12/31/2028
Financial Commitment	USD 8.000.000	