

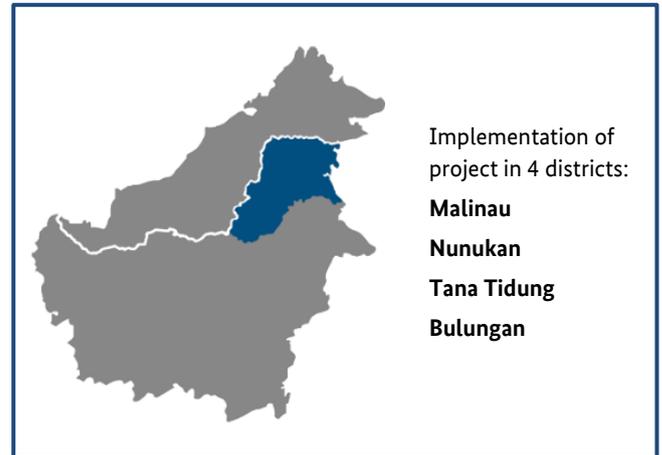


Peatland Management and Rehabilitation

in North Kalimantan

Project Information

Project name	Peatland Management and Rehabilitation
Commissioned by	German Federal Ministry for Economic Cooperation and Development
Project region	Indonesia
Lead executing agency	Indonesia Ministry of Environment and Forestry
Duration	January 2019 – December 2021



Objective

Ecologically sustainable land-use in the peat ecosystems of the Kayan Sembakung Delta.



Location

Project location is in North Kalimantan province, focusing on Delta Kayan Sembakung which includes 13 Peat Hydrological Unity (Kesatuan Hidrologi Gambut/known as KHG) in 4 districts.

According to the data from Ministry of Environment and Forestry Ministry, peat regions in North Kalimantan cover an estimated 350.000 ha of area, while expansion of mangrove forests (inside the official forest regions) cover approximately 454.000 ha of area. The project will generate more up-to-date and improved data as basis for further management of North Kalimantan Province.

Indicators

- **Management Framework**
A management framework that considers social, ecological, economic and sustainable management aspects is available for adoption.
- **Policy and Guidelines**
At least two guidelines developed from experience documentation and research related to integrated land use are available for adoption.
- **Project Implementation**
In two forms of land use (timber and non timber), at least 3 experiences and research results related to integrated land use are implemented.
- **Social Forestry**
Three out of five social forestry plans are implemented.
- **Gender Mainstreaming**
At least three forestry institutions (Forest Management Unit) implement gender mainstreaming guidelines from the Ministry of Environment and Forestry in the process of land use planning.



Outcomes

Outcome	Sub-Outcome
An integrative planning process in the context of protection and sustainable management of peat ecosystems is implemented.	<ul style="list-style-type: none"> • Legal framework, policies and guidelines needed in the rehabilitation and management of peatlands and integrated wetlands. • Integrating the Management of Peat Hydrological Units (KHG) in Delta Kayan into the regional development strategy. • Integrating Peat Ecosystem Management Plans into the district spatial planning and development plans.
Improved activities / practices in the management of peat and wetland ecosystems.	<ul style="list-style-type: none"> • Availability of capacity and institutions in the sustainable management of forest areas in the KHG Delta Kayan Sembakung. • Improvement of community welfare through sustainable management of peatland ecosystem areas (Management Plan for Community Peatland Management). • Sustainable pond management through increased productivity and ecological protection. • Integrating regulation and guidelines of KHG protection and management into the management plan of the private sectors. • Strengthening community-based sustainable management (social forestry). • The aspect of gender equality is mainstreamed in the peat and wetlands management.
Findings from applied research and documentation of field experience are disseminated at the local, national and international levels.	<ul style="list-style-type: none"> • Knowledge and lessons from and for sustainable management of KHG is documented and disseminated. • Strengthening research capacity of local research institutions and university. • Provide analysis, input, and recommendation for improving policy, procedure, technical guideline for sustainable peatland management.

Main Activities

- Support the management plan development of the Forest Management Unit (*Kesatuan Pengelolaan Hutan*, known as KPH) and strengthen the capacity development of local authorities.
 - Peatland and wetland management has been integrated in the management plan of 2 KPHs;
 - Training of Participatory Rural Appraisal (PRA) for local authorities.
- Provide advisory to integrate peat management and rehabilitation in provincial Green House Gas emission mitigation plan.
- Strengthen capacity of the local community on sustainable peatland and wetland management
 - Farmer-to-farmer exchange program on sustainable wetland management in West Kalimantan;
 - Farmer-to-farmer exchange program on sustainable peatland management in Ca Mau Province, Vietnam.
- Studies for developing the integrated sustainable peatland management plan: socio-economic study (with Universitas Borneo Tarakan), biodiversity assessment (with Universitas Kaltara), carbon assessment on peat (with ICRAF), carbon assessment on wetland (with Forestry Research and Development Agency of Samarinda), capacity building need assessment (aimed to set the Strategic Capacity Development in sustainable peat and wetland management) and gender study. These studies have been started in second half of 2019 and expected to be completed in 2020.

Published by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
Registered offices Bonn and Eschborn, Germany
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As at February, 2020

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GIZ is responsible for the content of this publication.
On behalf of Federal Ministry for Economic Cooperation and Development (BMZ)
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