



**GCF**  
task force



Collaboration Pitchbook

# North Kalimantan

## Toward Ecological-Based Development



# Overview

In order to advance the climate & nature agenda globally, private and public collaboration at scale is needed. The present Jurisdictional Collaborational pitchbook is the result of a collaborative effort from the provincial government of North Kalimantan, the Governor's Climate and Forests Task Force (GCF-TF) and CDP. The document represents an initial step to present a consolidated set of target initiatives that are key to advance North Kalimantan's jurisdictional strategy. The initiatives are aimed to support local sustainable alternative livelihoods, biodiversity, climate change, and sustainable landscape/seascapes.

Each province in Indonesia, is unique in its context, strengths, and challenges on the journey for sustainability. The methodology to develop this pitchbook included the information disclosed from the North Kalimantan province through the 2023 CDP States and Regions questionnaire, a focus group discussion at the provincial level involving relevant local stakeholders to collect and validate the information, expert interviews, and desk research.

It is expected that this pitchbook will incentivize and focus investors and donors from private sector, financial institutions, development partners and any other funders to support nature initiatives that contribute to North Kalimantan's jurisdictional vision of sustainability. Additional significant initiatives for the province that are not presented in this pitchbook might be equally relevant to support, so we welcome and encourage partners and investors to get in touch.

**Funding and collaboration is welcome and needed for the future we all want!**

**Key words:** innovative finance, place based actions, collective goals, transparency, landscape approaches, jurisdictional approaches, nature at scale.



# Foreword



The collective initiatives in North Kalimantan exemplify a concerted move towards ecological-based development, emphasizing community engagement and environmental stewardship. The Community empowerment in Social Forestry and Climate Village Program (*Program Kampung Iklim - ProKlim*) integrates capacity building and climate change awareness, fostering partnerships for sustainable forest preservation and addressing climate challenges.

North Kalimantan also has around 170,000 hectares of mangrove ecosystem that needs to be preserved as blue carbon potential. Therefore, North Kalimantan is initiating

community-based mangrove development to protect this ecosystem and creating green livelihood opportunities for the local communities.

Acknowledging the needs of funding for environmental management, North Kalimantan has been implementing, since 2019, Ecological based Fiscal Transfer (EFT). Starting with provincial level, the province is now developing ETF in district level.

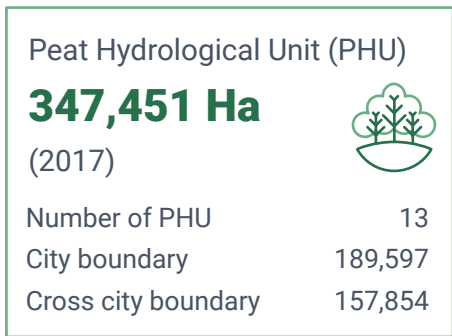
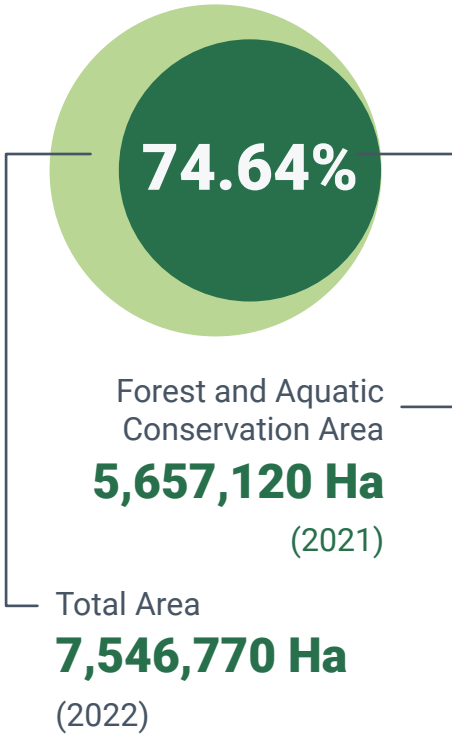
All of the above mentioned initiatives, collectively signify a substantial step towards a holistic, sustainable model of ecological-based development in North Kalimantan.

## List of Initiatives

1. Community Empowerment for Climate Village Program (ProKlim)
2. Community-Based Mangrove Development
3. Development and Improvement of Incentives from the Ecology-Based District Budget Transfer (TAKE) Program
4. Improvement of Web Geographic Information System (WebGIS)



# North Kalimantan Province in Figures



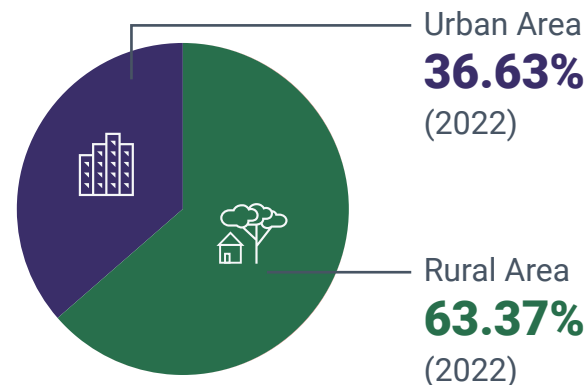
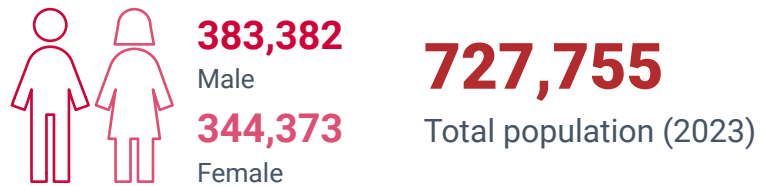
## Forest Protection Enablers

Forest governance & policy	✓
Forest risk assessment	🔄
Forest protection target	✓
Landscape or jurisdictional approaches (LA/JA)	✓
Collective monitoring	✓

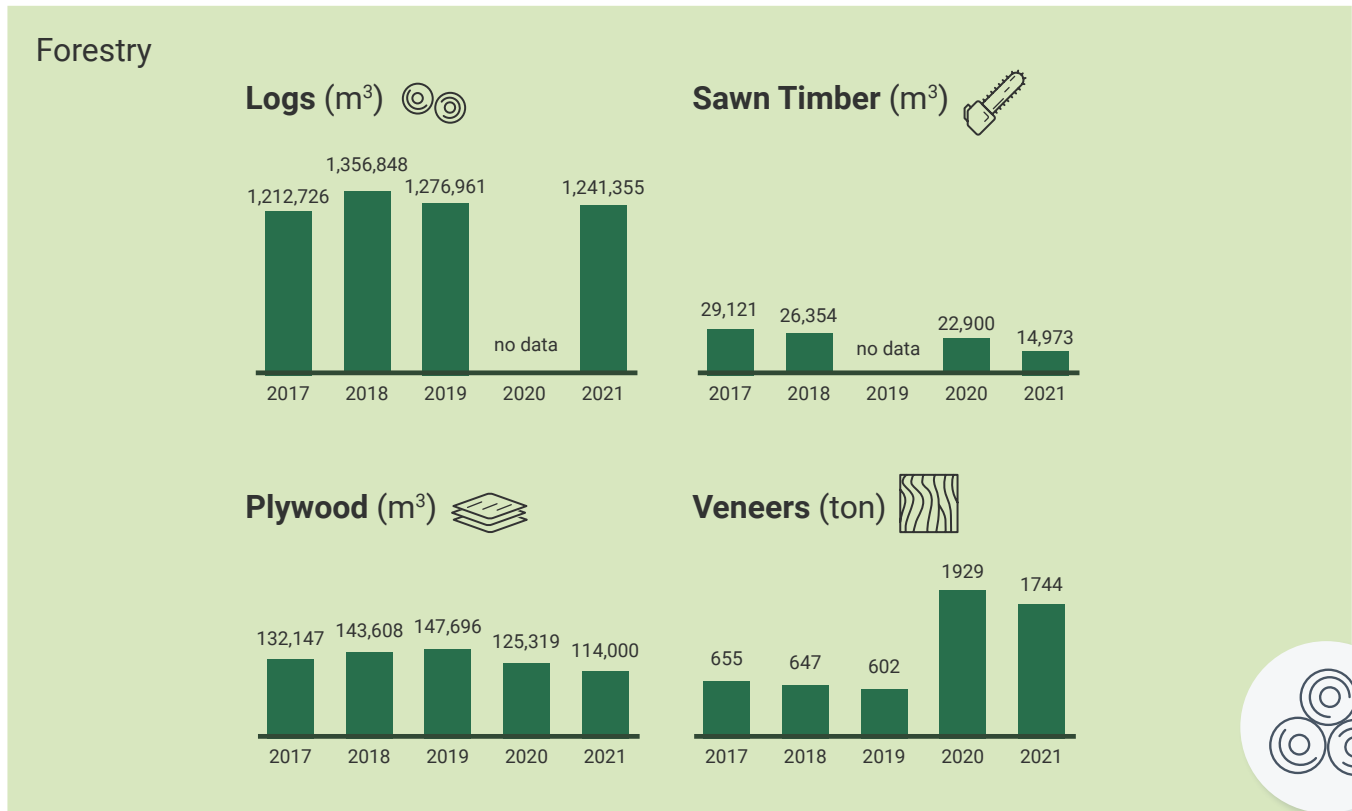
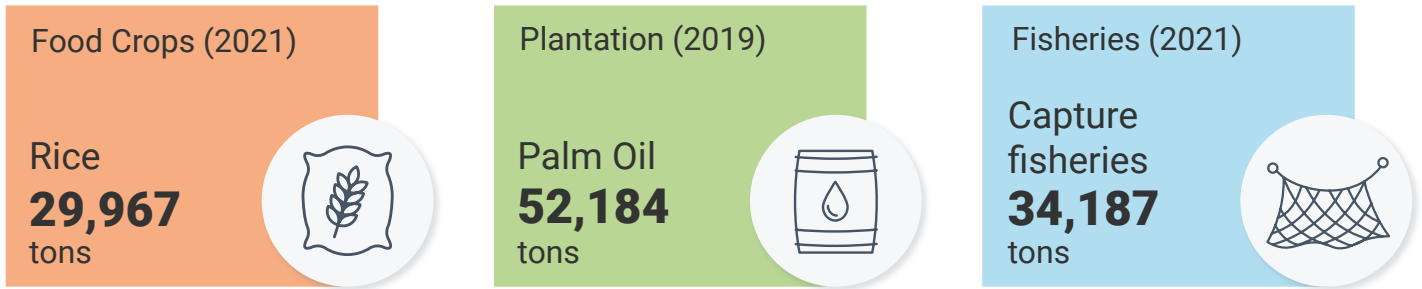
## Climate Action Enablers

Climate governance & policy	✓
Climate risk and vulnerability assessments (CRVA)	✓
GHG inventory	✓
Mitigation target	✗
Adaptation target	✓
Climate action plan	✓
Multi-stakeholder engagement	✓

## Demographic Data

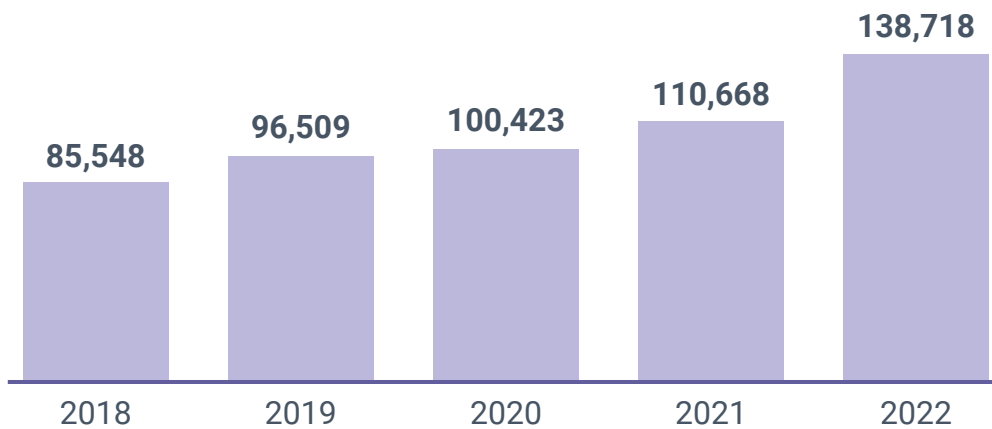


# Key Commodities



# Regional Gross Domestic Product

\*in billion rupiah



### References:

1. BPS. 2023. North Kalimantan in Figures
2. MoEF. 2017. National Peat Hydrological Unit (scale of 1:250,000)
3. MoEF. 2021. Mangrove Map of Indonesia / PMN





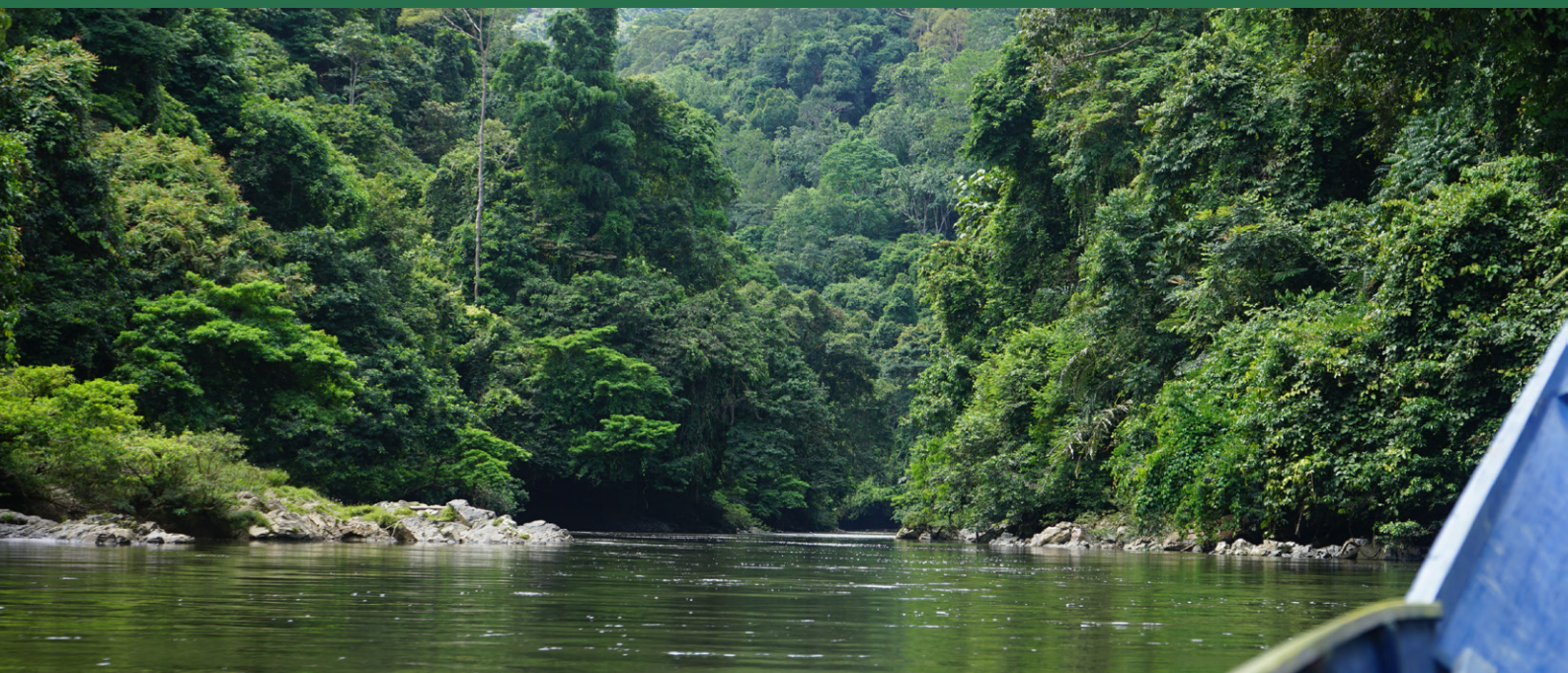
# Community Empowerment for Climate Village Program (ProKlim)

The Climate Village Program (ProKlim), is a national program managed by the Ministry of Environment and Forestry. It aims to increase the involvement of communities and other stakeholders on climate adaptation actions, reduce GHG emission through mitigation efforts, and in parallel improve the community welfare at the grassroot level.

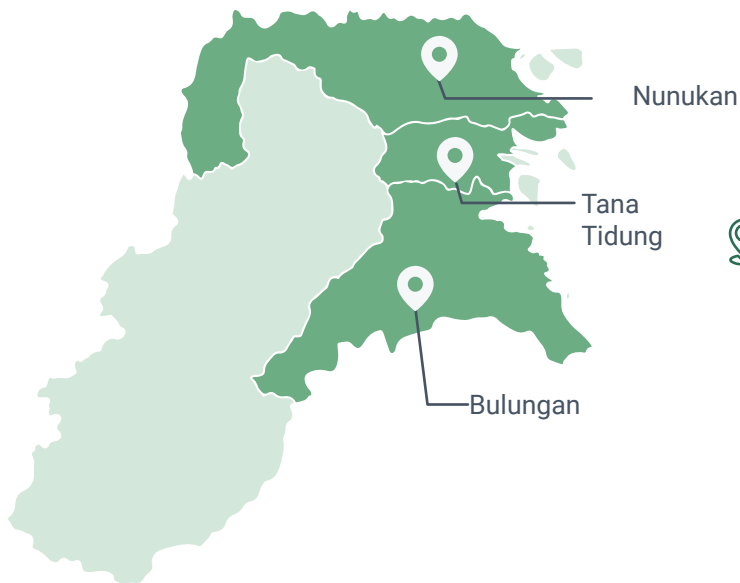
Community empowerment within the framework of ProKlim in North Kalimantan has become one of the main reasons for the enchantment of well-being of the local community. In the Strategic Plan of the Ministry of Environment and Forestry (MoEF) 2020-2024, adaptation activities include (1) Drought, Flood and Landslide management; (2) Manage Climate-Related Diseases; (3)


Handling or Anticipating Sea Level Rise, Rob, Sea Water Intrusion, Abrasion, Ablation or Erosion Due to Wind, and High Waves; (4) Increasing Food Security. Mitigation activities are (1) Waste Management, Solid and Liquid Waste; (2) Use of New Renewable Energy and Energy Conservation; (3) Agricultural Cultivation with Low GHG Emissions; (4) Increased Vegetation Cover; and (5) Prevention and Management of Forest and Land Fires.

The initiative will cover aspects such as capacity building and awareness raising of climate change issues among local communities, to increase their capacity in addressing climate change.



## Initiative Information



 Location: 3 Regency of North Kalimantan area: Bulungan, Tana Tidung, Nunukan

## Collective Social and Environmental Goals

- Increased awareness on climate change
- Improve climate resilience
- Reduce GHG emissions

## Related Sustainable Development Goals (SDGs)



## Initiative Management

ProKlim activity is coordinated by Environmental Agency (DLH) in collaboration with village government

## Collaboration Opportunities

- Development of mitigation activities
- Development of adaptation activities

## Relevant International/National/Regional Targets

- MoEF Regulation No. 84/2016 regarding Climate Village Program
- Strategic Plan of Environmental Agency (DLH) North Kalimantan 2021-2026
- Government Regulation No.16/2020 on Facilitation of ProKlim





# Community-Based Mangrove Development

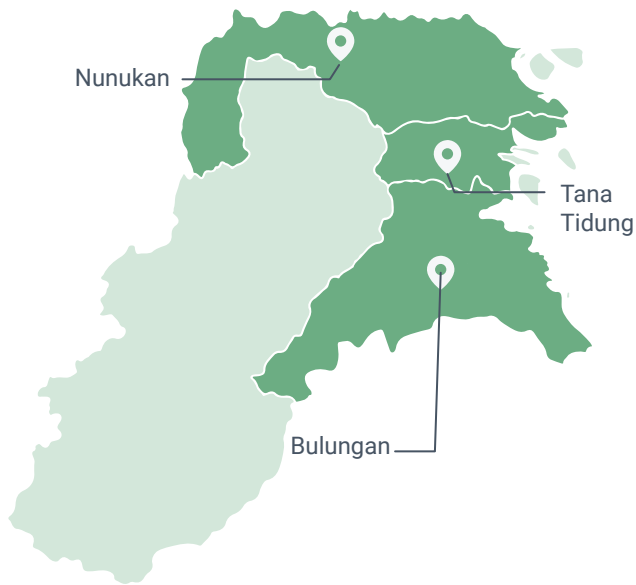
Community-based mangrove management is an initiative planned in the Tana Tidung, Bulungan, and Nunukan regions of North Kalimantan. The proposed locations are coastal areas experiencing strong waves, and despite having some mangroves, they are still prone to abrasion and reduction of coastal line. To avoid further damage to the coastal line, the government of North Kalimantan plans to restore mangroves in the area, and to ensure continuation of the




effort, community involvement is a key. The community involvement will not only support environmental conservation, but will also make a positive contribution to the local economy through an environmentally friendly sylvofishery business. In addition, community-based management allows local communities to have a greater sense of ownership and responsibility for mangroves, thus ensuring sustainability of the restoration activity.





## Initiative Information



-  Location: 3 Regency of North Kalimantan area: Tana Tidung, Bulungan, Nunukan
-  Area: 550 ha
-  Status: Preparation phase

## Collective Social and Environmental Goals

Maximizing the progress of rehabilitating critical land covering 170,000 hectares in 2024

## Initiative Management

The initiative will be a multi-party effort involving the Forestry Agency, Maritime Affairs and Fisheries Agency, and community groups on site.

## Collaboration Opportunities

- Preparation of Technical Designs (*Rancangan teknis*) for RHL (Critical Land Rehabilitation) activities to identify environmental and social aspects for the reforestation of critical land, including peatlands, mangroves, and other open areas, with a target of 13,800 hectares by 2026.
- Establishment of nurseries to provide seedlings.
- Awareness raising on the importance of mangrove management.
- Planting mangroves in community pond areas in each district and city following the strategic plan of the Forestry Department.

- Supervision and guidance for the development of Land Rehabilitation activities.

## Relevant International/National/Regional Targets

- Strategic Plan of Forestry Agency (*Dinas Kehutanan*) North Kalimantan 2021-2026
- Regional Medium-term Development Plan (RPJMD) North Kalimantan 2021-2026

## Related Sustainable Development Goals (SDGs)



## Cost and Funding

The initiative is estimated to cost around USD 1 million. Government is allocating around USD 200,000.





# Development and Improvement of Incentives from the Ecology-Based District Budget Transfer (TAKE) Program

Following the implementation of Ecological based Province Fiscal Transfer (TAPE) in North Kalimantan, the province is now developing the Ecological based District Fiscal Transfer (TAKE). The program will be implemented in the five districts and municipalities in North Kalimantan, and will apply similar procedures to TAPE. TAPE and TAKE aim to promote the execution of activities that have not been undertaken previously due to financial constraints.

Villages can submit proposals to the district government and the district government will

evaluate the proposals and determine budget allocation. Two main criteria in evaluating and selecting the proposal are relevance and data availability. The budget will then add to the village fund (*dana desa*) and will assist in financing environmental management activities.

At the moment funding for TAPE and TAKE are coming from provincial and district budget, but the number of proposals are limited, thus North Kalimantan is inviting support from external sources.



## Initiative Information



 Location: North Kalimantan Province

## Collective Social and Environmental Goals

### Social

- ▼ Improved capacity of village government in designing environmental initiative
- ▼ Increased environmental awareness in village level

### Environmental

- ▼ Better environmental condition in village level

## Initiative Management

TAKE is managed by Regional Planning Agency in regency level and supported by related technical agencies.

## Collaboration Opportunities

- ▼ Design of TAKE scheme
- ▼ Development of supporting system for implementation

## Relevant International/National/Regional Targets

- ▼ Law No. 32/2009 on Protection and Environmental Management
- ▼ National Government Regulation No. 46/2017 on Environmental Economics Instrument (IELH)
- ▼ Regional Government Regulation No. 6/2019 on Technical Instructions of Implementing the TAPE instrument in North Kalimantan

## Related Sustainable Development Goals (SDGs)





# Improvement of Web Geographic Information System (WebGIS)

In June 2023, the Forestry Agency of North Kalimantan launched a WebGIS-based Geographical Information Services webpage to assist relevant stakeholders ability to pinpoint land area and identify land function in North Kalimantan. The webpage is embedded in the agency's website and allows users to check the administrative boundaries and land function of specific land areas in the province. Users can also utilize the page to report activities or possible encroachments in certain areas. Even though information provided in the WebGIS is limited, the system is considered a move toward transparency and improving the province's provision of land information.


The improvement of Web Geographic Information System (WebGIS) in the Forestry Agency is one of priority activity in line with the latest developments in information technology. The system is expected to assist in monitoring various activities and land use changes in specific jurisdictional areas, and to become the province's data bank on land ownership. To enable wider access to the system, the government plans to have the system in Android version as well.

Moreover, the database on land ownership will need to be developed for the system to provide information as intended.




## Initiative Information



 Location: North Kalimantan Agency for Secondary Data and North Kalimantan Administrative Regions for Primary Data.

 Area: 7,182,700 Ha

 Status: Ongoing

## Collective Social and Environmental Goals

- ▼ Reduce risk of overlap in land ownership claim
- ▼ More informed development of spatial plan

## Initiative Management

The forestry agency will collaborate with the Ministry of Environment, related regional offices, and institutions/organizations specializing in geospatial mapping to enhance the quality of mapping operators and optimize webGIS features.

## Collaboration Opportunities

- ▼ Survey of land ownership and development of the results database
- ▼ Development of Android based webGIS
- ▼ Provisions of very high-resolution satellite imagery.

## Relevant International/National/Regional Targets

Strategic Plan of Forestry Agency North Kalimantan 2021-2026

## Related Sustainable Development Goals (SDGs)



## Cost and Funding

The initiative is estimated to cost around USD 250,000 in 2024. Government is allocating a total budget of USD 100,000.



## Lead Authors and Contributors

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### About GCF - Task Force

The Governors' Climate and Forests (GCF) Task Force was initiated by former California Governor Arnold Schwarzenegger on November 18, 2008. It currently stands as a formidable subnational alliance of 43 states and provinces in 11 countries. United by a common mission, the task force is dedicated to the achieving the goal of reducing deforestation, bolster sustainable economic development, and create livelihood opportunities that safeguard both forests and the communities dependent upon them. Operating at every tier of government, from Governors to dedicated civil servants, the GCF Task Force champions policy innovation in forest conservation and low-emissions development.

Integral to their impact is a comprehensive network that bridges individuals with processes, advocating for good environmental governance, green financing, and the protection of territorial rights, Indigenous Peoples, and local communities. The task force's commitment extends to forging partnerships across public and private sectors, engaging stakeholders from business leaders to Indigenous Peoples, with a focus on establishing effective pathways and strategies for subnational, national, and international action.

Find out more at [www.gcftf.org](http://www.gcftf.org)

### About CDP

CDP is a global non-profit that runs the world's environmental disclosure system for companies, cities, states and regions. Founded in 2000 and working with more than 740 financial institutions with over \$136 trillion in assets, CDP pioneered using capital markets and corporate procurement to motivate companies to disclose their environmental impacts, and to reduce greenhouse gas emissions, safeguard water resources and protect forests. Over 24,000 organizations around the world disclosed data through CDP in 2023, with more than 23,000 companies – including listed companies worth two thirds global market capitalization - and over 1,100 cities, states and regions. Fully TCFD aligned, CDP holds the largest environmental database in the world, and CDP scores are widely used to drive investment and procurement decisions towards a zero carbon, sustainable and resilient economy. CDP is a founding member of the Science Based Targets initiative, We Mean Business Coalition, The Investor Agenda and the Net Zero Asset Managers initiative. Visit [cdp.net](http://cdp.net) or follow us @CDP to find out more.