



GCF
task force



Collaboration Pitchbook

Papua

Community-Based Forest Management



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 Papua, 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 Papua'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 Papua 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 Papua'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



In Papua Province, development of customary forestry and empowerment of indigenous communities are pivotal in the forest conservation and community empowerment discourse. Papua boasts rich tropical forests and indigenous heritage, making it an ideal setting for development of customary forest. This initiative recognizes the rights of indigenous groups to manage forests sustainably, preserving tradition and biodiversity, while enhancing their economic and social well-being. However, the province faces challenges in realizing its goal. Creating an equitable framework that addresses land and resource rights is difficult as there

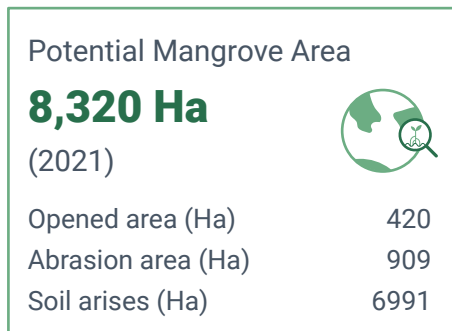
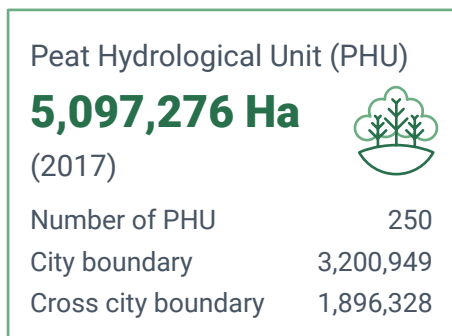
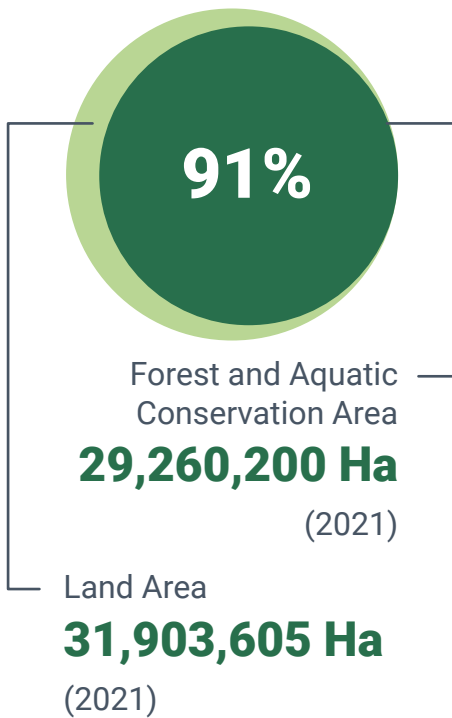
are insufficient supporting regulations on sustainable forest management.

Papua's commitment to forest conservation is reflected in local regulations, such as Papua Province Special Regional Regulation No. 21/2008 and No. 23/2013, integrated into the broader Papua 2100 Vision Document. The Papua Provincial Government, through agencies like the Forestry and Environment Agency (DKLH), promotes sustainable forest utilization, focusing on Non-Timber Forest Products (NTFPs), forest and land rehabilitation, and community empowerment in forest honey production and ecotourism.

List of Initiatives

1. Support for Implementation of Customary Forest
2. Development of Agarwood Products
3. Development of Ecotourism in Papua's Border Areas

Papua Province in Figures



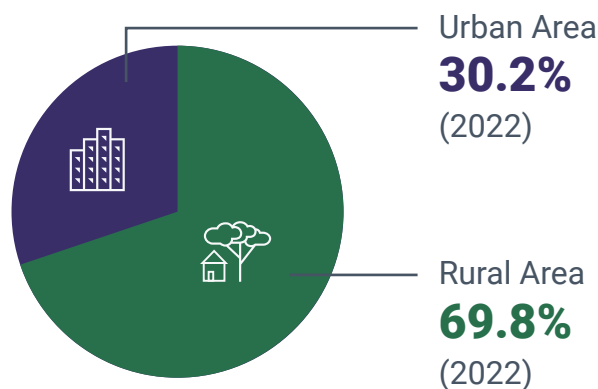
Forest Protection Enablers

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




Climate Action Enablers

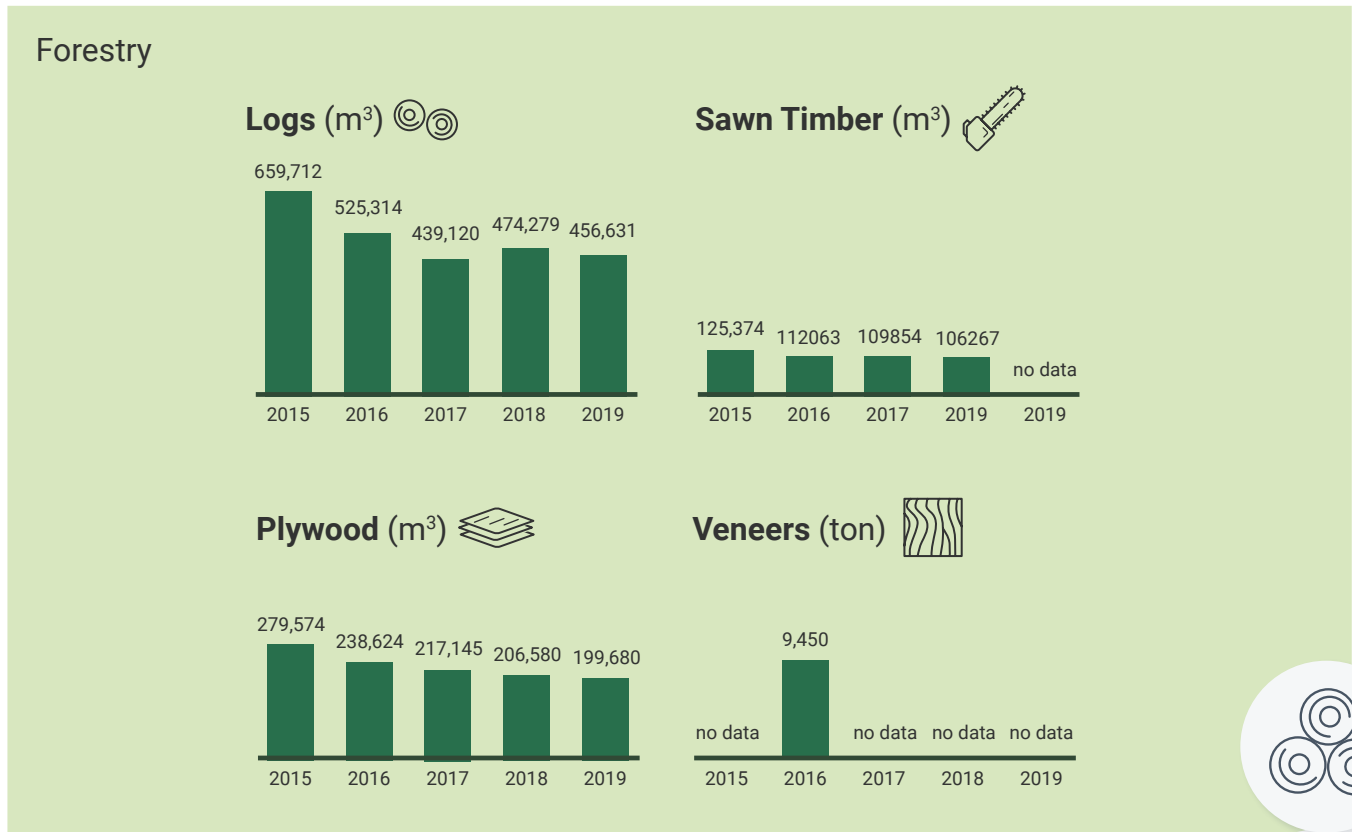
Climate governance & policy	✓
Climate risk and vulnerability assessments (CRVA)	✗
GHG inventory	✓
Mitigation target	✓
Adaptation target	✗
Climate action plan	✓
Multi-stakeholder engagement	✓

Demographic Data



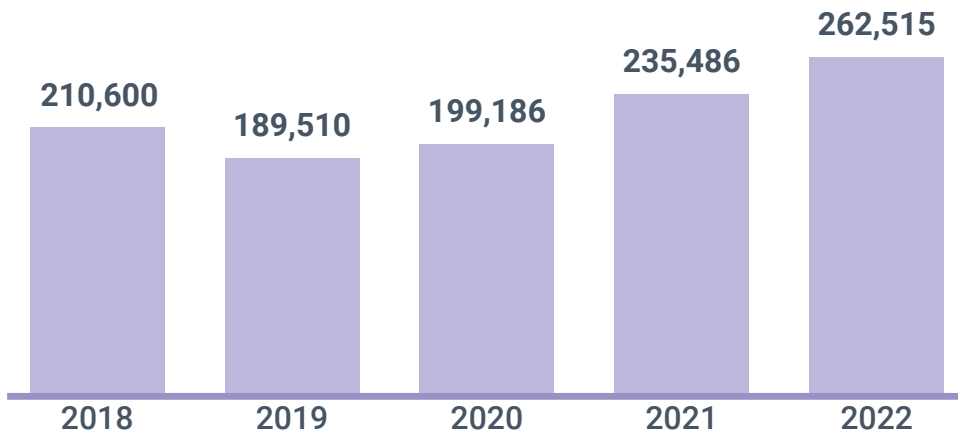
Key Commodities

<p>Food Crops (2022)</p> <p>Rice</p> <p>191,109 tons</p> 	<p>Plantation (2022)</p> <p>Sago</p> <p>67,913 tons</p> 	<p>Fisheries (2021)</p> <p>Capture fisheries</p> <p>252,314 tons</p> 
---	---	---



Regional Gross Domestic Product

*in billion rupiah



References:

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





Support for Implementation of Customary Forest

Indigenous communities in Papua rely heavily on forest resources for their livelihoods and economic well-being, thus it is imperative to improve their capacity to manage forests sustainably and develop a wider range of opportunities while maintaining the local wisdom and cultural heritage of the community.

Since October 2022, there have been five customary forest licenses (*Hutan Adat – HA*) being granted by the Minister of Environment and Forestry. Collectively, the licenses cover total of 23,208 hectares in five villages with population ranges between 100,000-500,000 inhabitants per village. More detailed

information on the villages is shown below.

This particular initiative is a pilot activity aimed at providing capacity building for indigenous communities in Yongsu Desoyo Village located in Rafenirara District, Jayapura Regency, where the capacity building will assist in development of NTFPs and ecotourism.

Potential NTFP to be developed are Buah Merah (*Pandanus conoideus*), honey, and rattan. Meanwhile ecotourism activities could center around the regions waterfalls, hot springs, and bird watching .

No	Name of Customary Forest	SK. Customary Forest	Area (Ha)	Location
1	KU DEFENG WAI (Indigenous Groups: Yano Wai)	SK. 8030/MENLHK-PSKL/PKTHA.1/10 /2022, Tgl 19 Okt 2022	594 (Production area)	Kampung Singgriwai, Nimboran District, Jayapura Regency
2	KUSANG SYUGLUE WOI YANSU (Indigenous Groups: Syuglue Woi Yansu)	SK. 8032/MENLHK-PSKL/PKTHA.1/10 /2022, Tgl 19 Okt 2022	16.493 (Protected area 15,824, Production area 669)	Kampung Pupehabu, Kampung Bring, Kampung Hyansip dan Kampung Jagrang, Kemtuk Gresi District, Jayapura Regency
3	KU DEFENG MEYU (Indigenous Groups: Yano Meyu)	SK. 8033/MENLHK-PSKL/PKTHA.1/10 /2022, Tgl 19 Okt 2022	501 (Production area)	Kampung Meyu, Nimboran District, Jayapura Regency
4	KU DEFENG AKRUA (Indigenous Groups: Yano Akrua)	SK. 8034/MENLHK-PSKL/PKTHA.1/10 /2022, Tgl 19 Okt 2022	2,226 (Production area)	Kampung Yenggu dan Kampung Yenggu Lama, Nimboran District, Jayapura Regency
5	MELRA KELRASENA (Indigenous Groups: Yosu Desoyo)	SK. 8036/MENLHK-PSKL/PKTHA.1/10 /2022, Tgl 19 Okt 2022	3,394 (Conservation area 3,394, Protected Area174)	Kampung Yongsu Desoyo, Ravenirara District, Jayapura Regency
Area			23,208	



Initiative Information



Location: Yongsu Desoyo Village,
Rafenirara District, Jayapura Regency

Collective Social and Environmental Goals

- Improved local community capacity in business development
- Increased community welfare
- Improved forest protection
- Reduced GHG emission
- Increased environmental awareness

Initiative Management

The initiative will be managed by the Papua Forestry and Environment Agency as the main lead, with support from development partners, and in collaboration with village government and community leaders

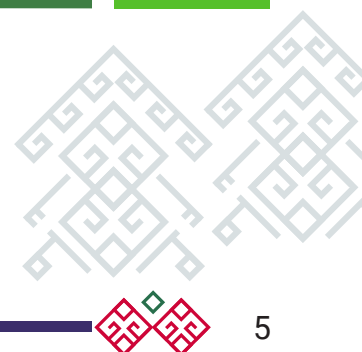
Collaboration Opportunities

- Capacity building for local communities in business development
- Support for marketing of NTFPs and ecotourism activities

Relevant International/National/Regional Targets

- Special Regional Regulation No. 21/2008 on Sustainable Forest Management
- Province Regional Regulation No. 23/2013 on Spatial Plan of Papua Province (RTRWP) 2013-2023
- Governor's Regulation No. 16/2008 on Forest Mapping Procedures for Customary Law Communities
- Governor Regulation No. 13/2010 on Business Permit for the Utilisation of Timber Forest Products - Customary Law Community (IUPHHK - MHA)

Related Sustainable Development Goals (SDGs)





Development of Agarwood Products

Non-timber forest products (NTFP) in Wapoga Village, Wapoga Sub-district, Waropen District, offer a promising opportunity to empower indigenous communities since the FMU Waropen area has experience in development NTFPs potential. There are 180 types of superior non-timber forest products each year that produce 75 tons of sago, 50 tons of agarwood, and 100 tons of areca nuts. Unfortunately, they experience limitations in market access. Thus, this initiative will assist the community in establishing community groups to manage the NTFP and train them to develop the business, including in identifying potential markets.

Agarwood (*Aquilaria malaccensis*) is a type of wood that is often found in tropical and subtropical regions. This wood possesses a unique scent and is frequently utilized in the perfume, pharmaceuticals, and beauty product sectors. Agarwood possesses unique


characteristics that set it apart from other types of wood, it is more dense, characterized by a hard and fibrous texture, showcasing a unique wood grain. Its color differs notably from the sap, and it exhibits resistance to weathering. One of its remarkable features is its fragrant aroma, which is derived from the sap it produces. The development of this aromatic sap occurs through a natural fungal infection process or through human intervention, either naturally or artificially induced.

The initiative was started in 2005 and will focus on four groups of 50 households as the main beneficiaries. Agarwood products to be developed could include tea, perfume, and incense. Activities under the initiative will include community-based management, improvement of product's quality and supply chain.



Initiative Information



 Location: Wapoga Village, Wapoga District, Waropen Regency (Focus on four groups of 50 households as primary beneficiaries)

Collective Social and Environmental Goals

- ▼ Improved local community capacity in business development
- ▼ Increased community welfare
- ▼ Improved forest protection
- ▼ Reduced GHG emission
- ▼ Increased environmental awareness

Initiative Management

Local community will lead the implementation of the initiative, while government agencies such as FMU Waropen and DKLH provide the technical support and guidance.

Collaboration Opportunities

- ▼ Exploration of new agarwood products.
- ▼ Capacity building to improve quality of agarwood products
- ▼ Support for marketing of the agarwood products

Relevant International/National/Regional Targets

- ▼ Special Regional Regulation No. 21/2008 on Sustainable Forest Management
- ▼ Governor Regulation No. 17/2010 on procedures for utilization of Non-Timber Forest Products

Related Sustainable Development Goals (SDGs)





Development of Ecotourism in Papua's Border

The initiative is located in Moso Village, Muaratami District, Jayapura City, on the border between Indonesia and Papua New Guinea, nicknamed "The Face of Indonesia". One of the main assets of this area is the presence of hot springs, making it suitable for development of aquatic ecotourism. Tourists visit from Papua New Guinea are potentially high, and with good management, this could have a positive impact on the local community.

Initiative activities will include forest conservation, hot spring management, and



community-based management. The local community will lead the implementation of this initiative, with government supporting as mentor.

The initiative is currently in the design stage, supported by the Forestry and Environment Agency, Planning Agency, Tourism Agency, related agencies, and potential development partner, and in need of further support to develop the infrastructure such as an access road to the location, shelters, bird watching places, and hot springs.



Initiative Information



-  Location: Moso Village, Muaratami District, Jayapura City (location on the Papua-Papua New Guinea border)
-  Status: Preparation phase

Collective Social and Environmental Goals

Social

- Increased local community's capacity in managing their area
- Increased income and living standard of local community
- Increased volume of tourist visits

Environmental

- Increased local community's capacity in managing their area
- Increased income and living standard of local community
- Increased volume of tourist visits

Relevant International/National/Regional Targets

- Special Regional Regulation No. 21/2008 on Sustainable Forest Management
- Governor Regulation No. 17/2010 on procedures for utilization of Non-Timber Forest Products

Related Sustainable Development Goals (SDGs)



Initiative Management

The initiative will be coordinated by Forestry and Environment Agency (DKLH) in collaboration with community in Moso Village.

Collaboration Opportunities

- Development of ecotourism design
- Community engagement
- Construction of supporting facilities
- Marketing and promotion



Lead Authors and Contributors

Lead Authors

Syahrina Dyah Anggraini (GCF TF)

Haryono Hansen Sirait (CDP)

Ari Suharto (CER Indonesia)

Contributors

Papua Government: Jan Jap L Ormuseray, Estiko Tri Wiradyo, Ridwan Atmojo, Menuk Kushendrastuti, Anne Ireuw

CER Indonesia: Fakhri R Hidayat, Rafli Zenta R

Batari: Maria Febe E, Mawaddah Rizkarahmani

CDP: Thomas Maddox, Claire Prescott, Norma M Pedroza A, Alberto Cardillo-Zallo, Monique Ewerton, Rida Nurafiati, Maddy Bravery, Karishma Kashyap, Dinda Dewinta

For enquiries on the initiatives, contact

- Syahrina Dyah Anggraini (GCF TF)
syahrina.anggraini@gcftaskforce.org
- Martha Mandosir (Papua Delegates)
marthamandosir33@gmail.com
- Estiko Tri Wiradyo (Forestry and Environmental Agency of Papua)
estiko.papua@gmail.com

For questions about cities and disclosure, contact citiesapac@cdp.net

For media enquiries, contact media@cdp.net

Images courtesy of Estiko Tri Wiradyo (DKLH)

In Partnership with



CERINDONESIA
Carbon and Environmental Research



Supported by: **Walmart Foundation**

Walmart  **org**

The research included in this report was made possible through funding by The Walmart Foundation. Any findings, conclusions and recommendations presented in this report are those of author alone, and do not necessarily reflect the opinions of The Walmart Foundation.

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

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 or follow us @CDP to find out more.