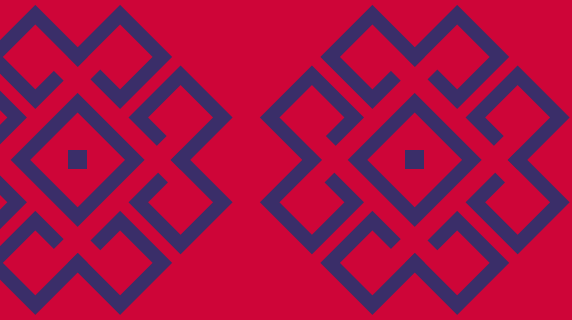




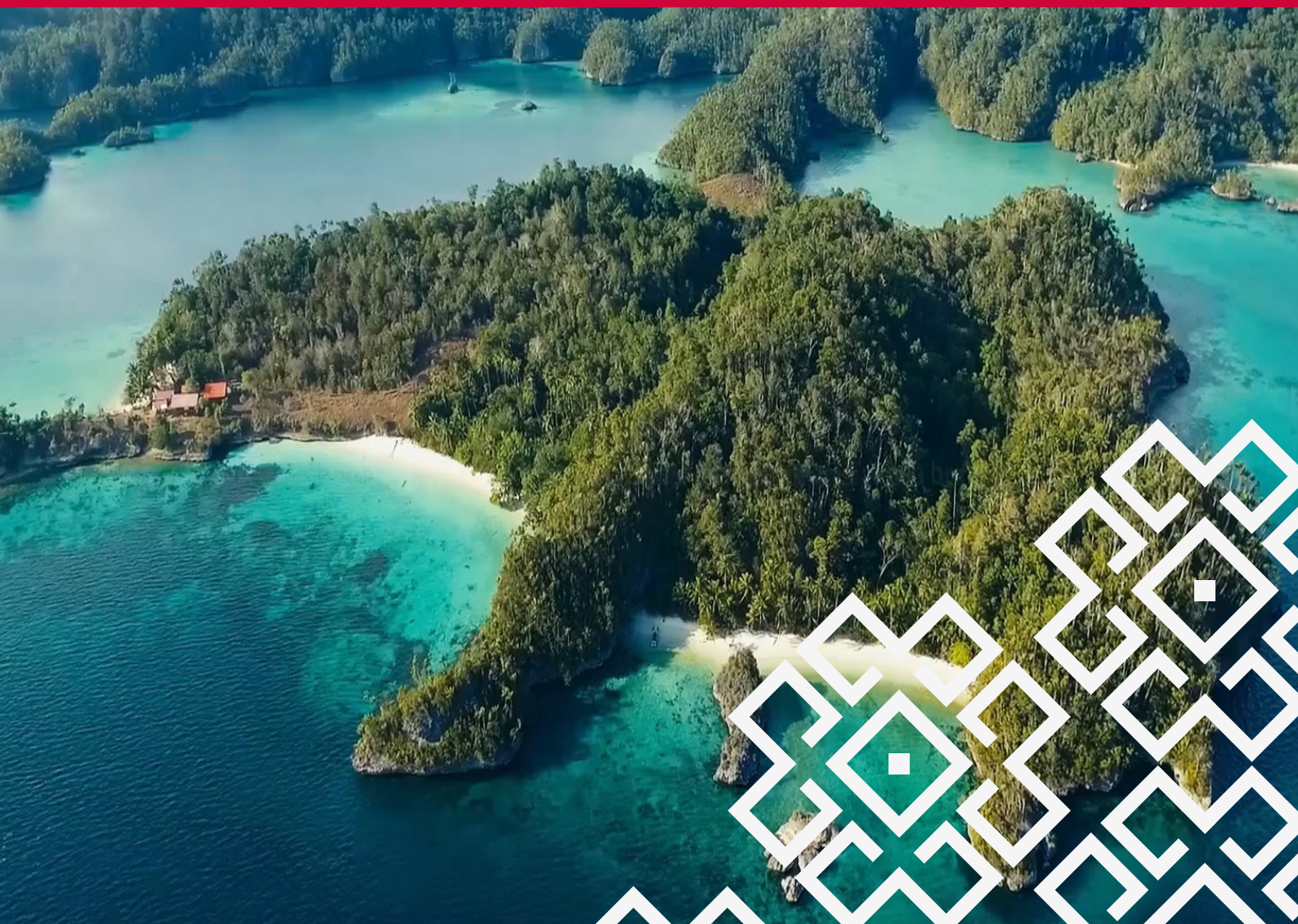
GCF
task force



Collaboration Pitchbook

West Papua

Strategic Management of
The Crown Jewel of Papua



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 West 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 West 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 West 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.

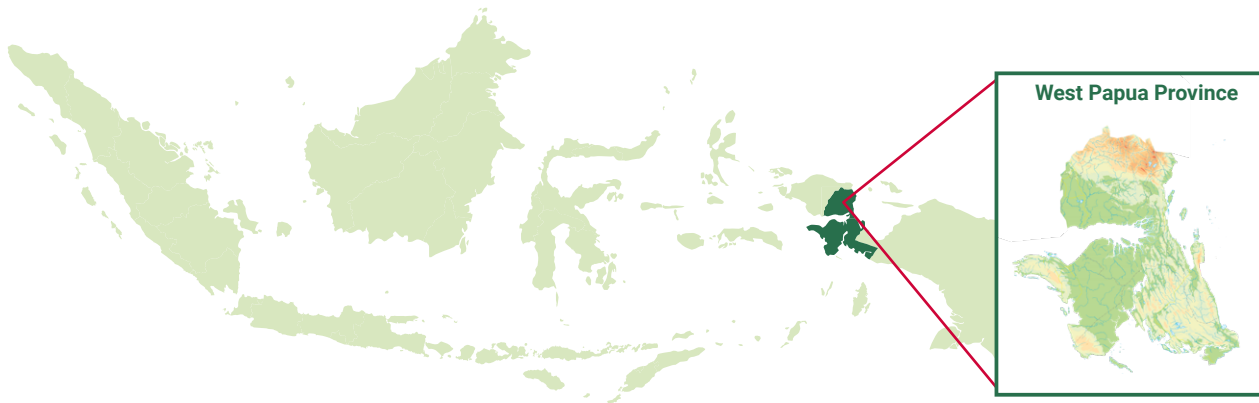
It is expected that this pitchbook will incentivize and focus investors and donors from private sector, financial institutions, development partners and any other funders to support nature initiatives that contribute to West Papua's jurisdictional vision of sustainability. Additional significant initiatives 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



The Crown Jewel of Papua (CJP) or *Mahkota Permata Tanah Papua* (MPTP) program covers 2.3 million hectares (ha) forest areas in West Papua and Southwest Papua Provinces, Indonesia. 90% of which is primary rainforest. It is a crucial global biodiversity hotspot, stretching from montane forest to mangroves, with 47 endemic mammals and 20 endemic birds. It is also home to 200 forest-dependent indigenous communities with the tribes consisting of Hatam, Moiley, Meyakh, Sough, Mpur and Meyah.

Managing the CJP in West Papua presents a significant challenge in the effort to preserve biodiversity, protect culture, harness natural resources, and improve the well-being of the local population in the region. This area possesses unique features such as pristine tropical rainforests, abundant biodiversity, and substantial mining and energy potential. Effective management requires cooperation between the government, local communities, and other stakeholders.

To manage the CJP program, a foundation called "Yayasan Mahkota Permata Tanah Papua" was established. A consortium was formed to serve as

a collaboration platform for the implementation of activities in the CJP program. The consortium consist of Yayasan Konservasi Indonesia, Bentara Papua, GIZ Forclime, Econusa, WWF, The Cornell Lab of Ornithology, WRI Indonesia, Fauna & Flora International, Kew Royal Botanic Gardens, Rainforest Trust, and Wedgetail.

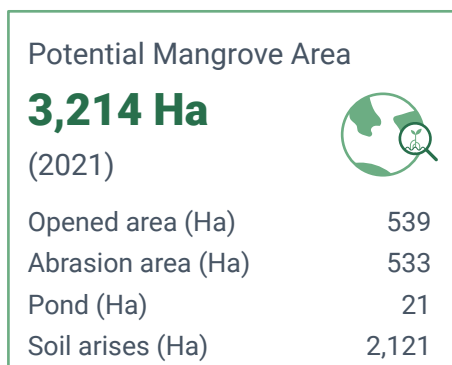
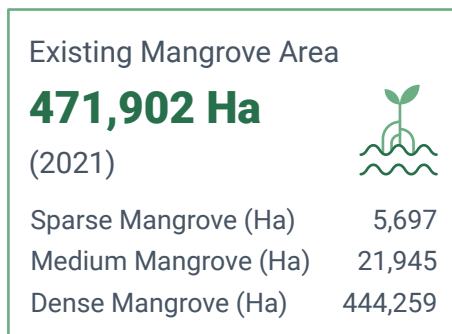
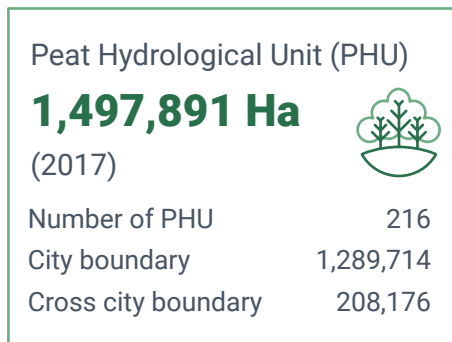
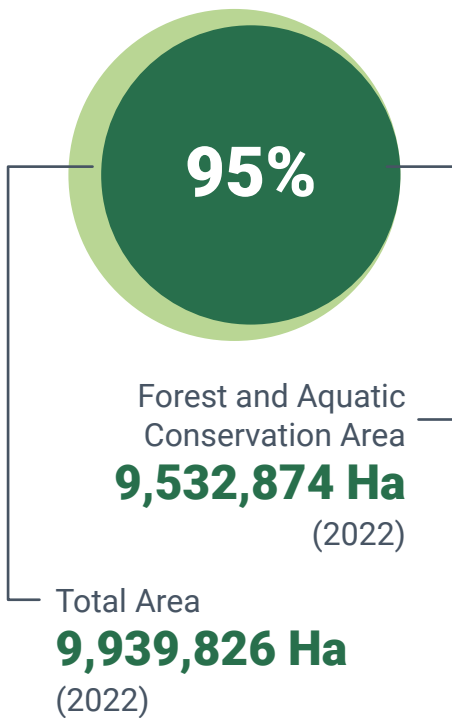
The West Papua Government has taken proactive measures to address environmental challenges in the Crown Jewel of Papua Strategic Area. Policies such as the 2022-2041 Regional Spatial Plan and the moratorium on oil palm plantation licenses, in line with Presidential Instruction No. 8/2018, demonstrate the government's commitment in balancing development and environmental preservation. The adoption of a landscape approach such as Bird Head Seascape (BHS) and Tropical Important Plant Areas (TIPAS), underscore West Papua's holistic approach to sustainability. Collaborative budget tagging and participation in global environmental projects, such as StAR and the Interfaith Rainforest Initiative, further signify the region's dedication to safeguarding the Crown Jewel of Papua.

List of Initiatives

1. Support for Development of FMU's Management Plan
2. Construction of a Biodiversity and Cultural Research Center
3. Development of Ecotourism in Arfak Mountains
4. Support the Implementation of Social Forestry
5. Development of Micro-hydro Power Plants in Arfak Mountains



West Papua Province in Figures



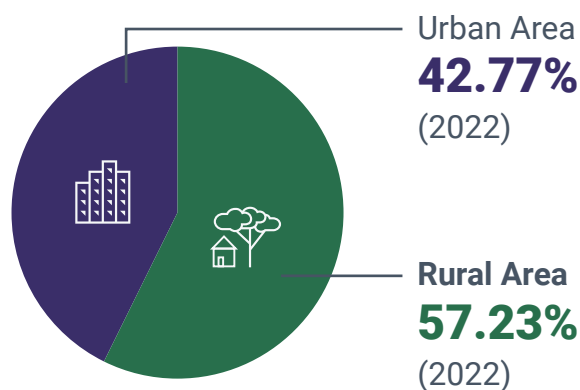
Forest Protection Enablers

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

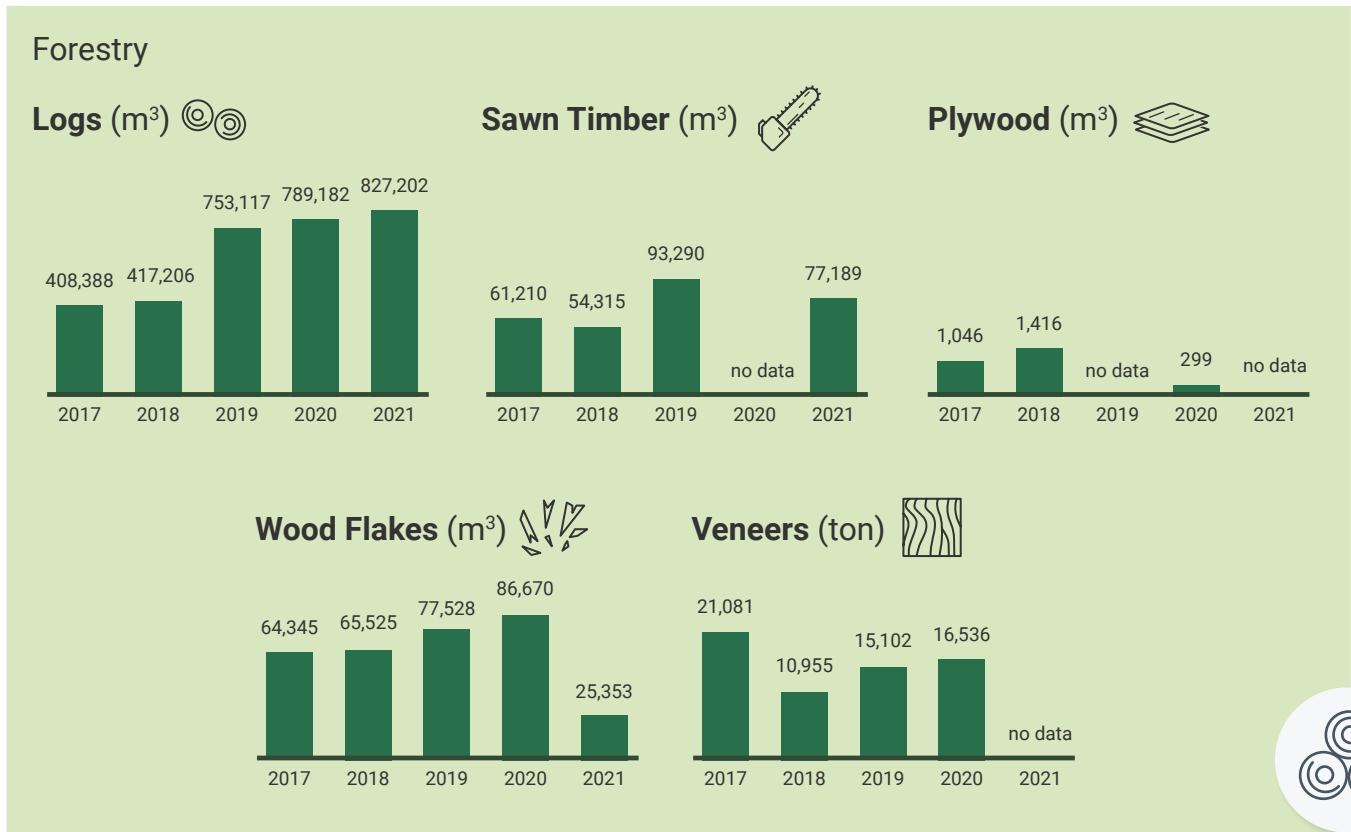
Climate Action Enablers

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

Demographic Data

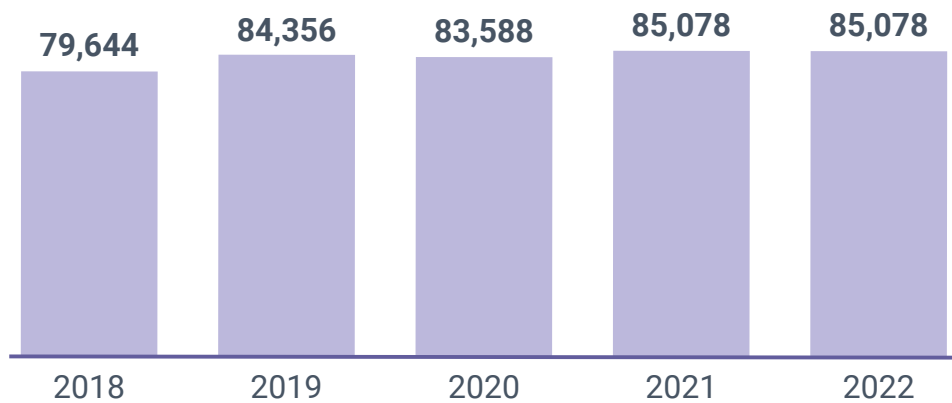


Key Commodities



Gross Regional Domestic Product

*in billion rupiah



References:

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





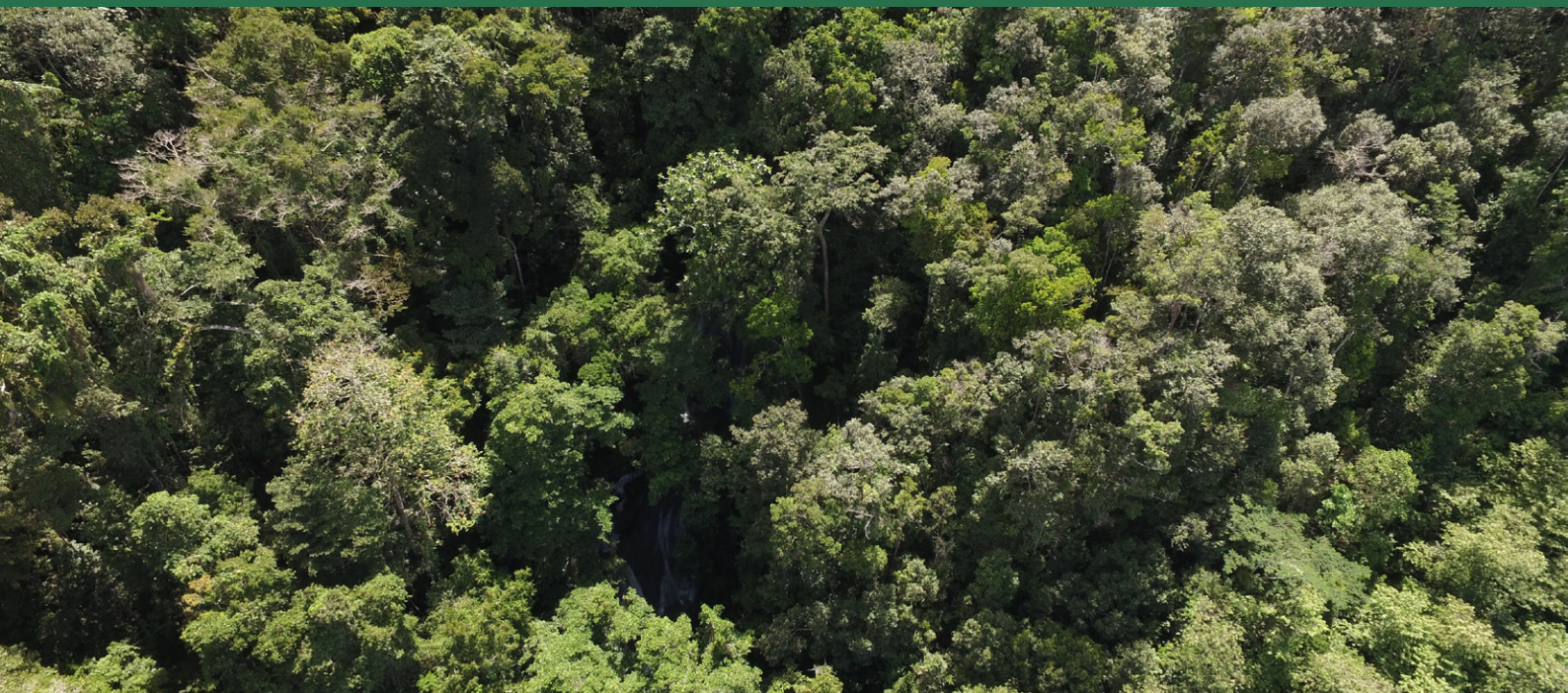
Support for Development of FMU's Management Plan

The initiative entitled “ Support for Development of FMU's Management Plan “ is an ongoing initiative in West Papua. The activity focus on the Arfak Mountains and South Manokwari districts, which are part of the West Papua Forest Management Unit (FMU) Unit I and Unit II. The FMU area currently falls under the Protected Forest and Production Forest functions.

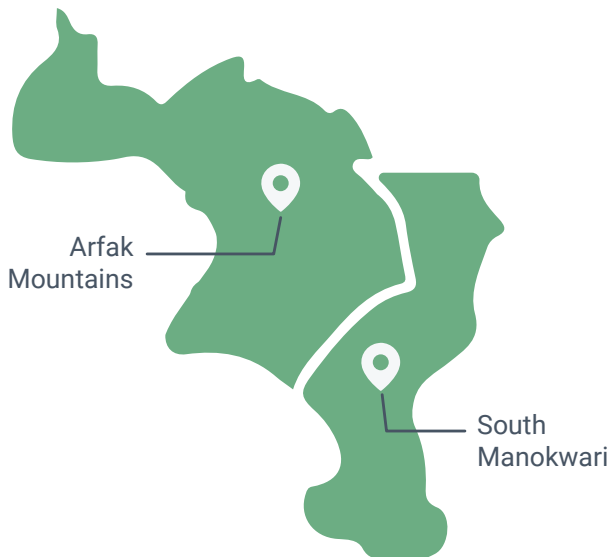
The initiative aims to support the development of the Long-Term Forest Management Plan (RPHJP), which is a forest management plan for the entire working area of FMU within a period of 10 years. There will be five FMUs


in CJP area, two of them are in the initiative location.

To ensure proper activity implementation, the Forestry Agency will be responsible in monitoring the activities. The main performance indicator is the production of an RPHJP document that complies with established guidance. In its implementation, the initiative requires financial support and mentoring to ensure the initiative objectives are achieved, which in turn can positively contribute to the sustainable management of the area.



Initiative Information



 Location: Arfak Mountains Regency and Manokwari Selatan Regency (FMU Unit I dan FMU Unit II)

 Area: 201,757 ha and 122,245 ha

Collective Social and Environmental Goals

Social

- ▼ Increased local community engagement
- ▼ Increased Women participation
- ▼ Improved capacity of FMU officers

Environmental

- ▼ Better forest management
- ▼ Improved monitoring and evaluation system

Initiative Management

The activity will be implemented by the West Papua Forestry Agency and FMUs in collaboration with development partners and local/*adat* communities.

Collaboration Opportunities

- ▼ Capacity building to improve technical capacity of FMU officers in spatial data processing, forest management and stakeholder engagement
- ▼ Mapping of the resources within the FMU area

Relevant International/National/Regional Targets

- ▼ Indonesia's FOLU Net Sink (IFNET) 2030
- ▼ Provincial Forestry Workplan/*Rencana Kerja Kehutanan Tingkat Provinsi* (RKTP) 2022-2041
- ▼ Revision of Mid-term Regional Development Plan (RPJMD) West Papua 2023-2026
- ▼ Strategic Plan of Forestry Agency (Dishut)

Related Sustainable Development Goals (SDGs)



Cost and Funding

The initiative is estimated to cost around USD 200,000. Government is allocating USD 32,000





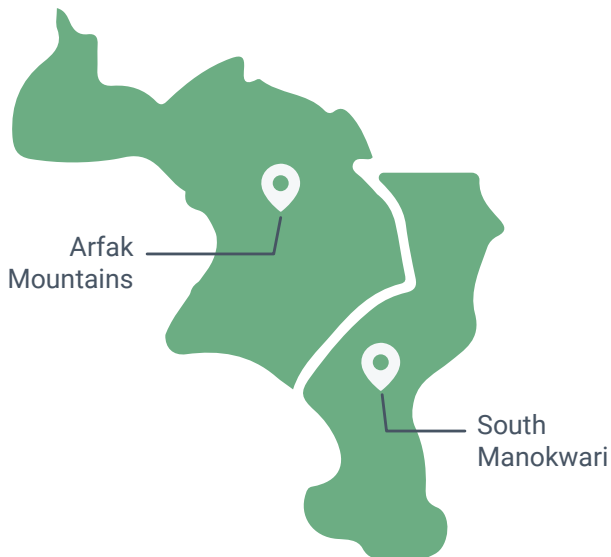
Construction of A Biodiversity and Cultural Research Center


The construction of the Biodiversity and Cultural Research Center in West Papua is a very important initiative in promoting knowledge development in the region. The center is planned to be equipped with a laboratory, library, meeting halls, and gallery. It will serve as a hub to archive biodiversity and cultural data, and to facilitate exchange of knowledge. It will showcase information on Papua land's flora, fauna, and local community, ranging from coastal to highland (ridge to reef), and encompasses many tribes and sub-tribes of Indigenous Papuans (*Orang Asli Papua*).

The construction of the Research Center is expected to play a key role in enhancing scientific research in the region, especially with regard to biodiversity and culture. The initiative is currently in the scoping stage and will involve various parties, including the Regional Research and Innovation Agency (BRIDA), National Research and Innovation Agency (BRIN), local universities, as well as development partners.



Initiative Information



 Location: Arfak Mountains Regency and South Manokwari Regency

 Area: 201,757 ha and 122,245 ha

Collective Social and Environmental Goals

- ▼ Improved availability of information of Papua's biodiversity and culture
- ▼ Increased knowledge exchange, especially among researchers
- ▼ Increased interest on research related to Papua
- ▼ Improved biodiversity conservation
- ▼ Better natural resource management in the province

Initiative Management

Initiative monitoring will be coordinated by BRIDA, which has competence in research.

Collaboration Opportunities

- ▼ Construction of the research center building
- ▼ Support for design of activities at the research center, including its potential as ecotourism site
- ▼ Provision of information technology to be applied at the research center
- ▼ Collection and management of database and information

Relevant International/National/Regional Targets

- ▼ Presidential Regulation No. 38/2018 on the National Research Master Plan for the years 2017 - 2045.
- ▼ Presidential Instruction (Inpres) No. 9/2020 on Accelerating Welfare Development in Papua and West Papua.
- ▼ Indonesia Biodiversity Strategy and Action Plan (IBSAP)
- ▼ Presidential Instruction No. 1/2023 on Mainstreaming of Biodiversity Preservation in Sustainable Development

Related Sustainable Development Goals (SDGs)



Cost and Funding

The initiative is estimated to cost around USD 350,000.





Development of Ecotourism in Arfak Mountains

The Arfak Mountains, located in the Arfak Mountains Regency, are known for their stunning natural beauty and rare biodiversity. Ecotourism Development of the Arfak Mountains in West Papua is an effort to optimize the potential of natural beauty and biodiversity in this area. Currently, ecotourism management is still carried out independently by local indigenous peoples. However, the West Papua Provincial Government has initiated the transformation of the Arfak Mountains into one of the ecotourism objects that attract tourists from outside the region. The involvement of development partners is

expected to help improve community facilities and the local economy by attracting more visitors.

Currently, birdwatching ecotourism activities happen across several villages in the Arfak Mountains. Through this initiative, it is hoped that other types of tourism activities, such as lake or forest tourism, can be developed. Therefore, planned activities for this initiative include feasibility studies of ecotourism potential, preparation of ecotourism development plan with community participation, training for implementation of ecotourism activities and marketing strategy.



Initiative Information



 Location: Arfak Mountains

Collective Social and Environmental Goals

Social

- Increased local community's capacity in managing their area
- Increased income and living standard of local community
- Improved knowledge on local culture of the Arfak Mountains' people
- Increased volume of tourist visits

Environmental

- Reduced risk of deforestation and forest degradation in the area
- Improved biodiversity conservation

Initiative Management

Implementation of this initiative will be carried out by the Tourism Agency of Arfak Mountains Regency, in collaboration with the West Papua Provincial Tourism Agency and CJP Consortium Partners.

Relevant International/National/Regional Targets

- Indonesia's FOLU Net Sink (IFNET) 2030;
- Enhanced NDC – Republic of Indonesia
- Presidential Instruction No. 9/2020 on Accelerating Welfare Development in Papua and West Papua

- Revision of Mid-term Regional Development Plan (RPJMD) West Papua 2023-2026
- West Papua Province Green Economic Growth Master Plan and Roadmap 2018 - 2040

Collaboration Opportunities

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

Related Sustainable Development Goals (SDGs)



Cost and Funding

The initiative is estimated to cost around USD 65,000





Support the Implementation of Social Forestry

In 2014 MoEF launched social forestry program to facilitate community-based management in forest area, while keeping the standing stock, thus reducing risk of illegal logging. Through this program, the community can develop NTFP-based business, such as agroforestry.

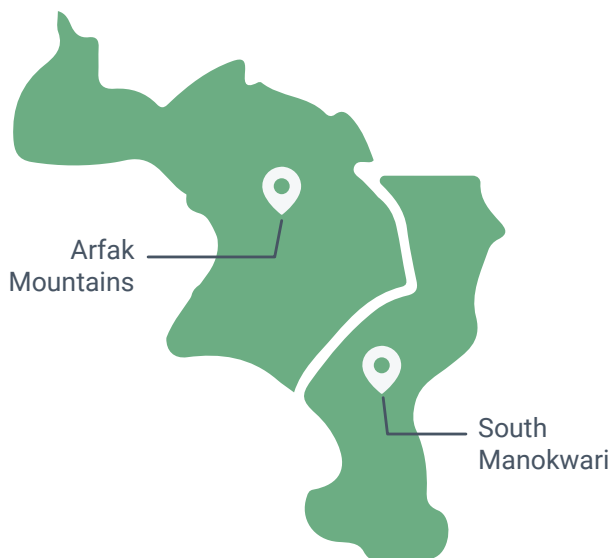
The initiative is located in the Arfak Mountains and South Manokwari regencies and has several components including development of management plan, business entity, and

its execution. Currently, the initiative is in the planning stage and involves the West Papua Provincial Forestry Service and CJP Consortium Partners.

Currently three social forestry licenses have been obtained by community groups in this area, and potentially the social forestry activity can focus on processing of anthill for tea and Akway (*Drimys piperita* Hook f.) bark for health supplement.



Initiative Information



Location: 6 village forest units in Arfak Mountain (Hink District) and South Manokwari Regencies (Momiwaren District)

Collective Social and Environmental Goals

- Improved local community capacity in business development
- Increased community welfare
- Improved forest protection
- Reduced GHG emission
- Increased environmental awareness
- Revision of Mid-term Regional Development Plan (RPJMD) West Papua 2023-2026
- West Papua Province Green Economic Growth Master Plan and Roadmap 2018 - 2040

Initiative Management

The initiative will be managed by the West Papua Forestry Agency as the main lead, with support from the CJP Development Partners/Consortium.

Collaboration Opportunities

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

Relevant International/National/Regional Targets

- Indonesia's FOLU Net Sink (IFNET) 2030;
- Enhanced NDC – Republic of Indonesia
- Presidential Instruction No. 9/2020 on Accelerating Welfare Development in Papua and West Papua

Related Sustainable Development Goals (SDGs)



Cost and Funding

The initiative is estimated to cost around USD 100,000. Government is allocating USD 25,000.





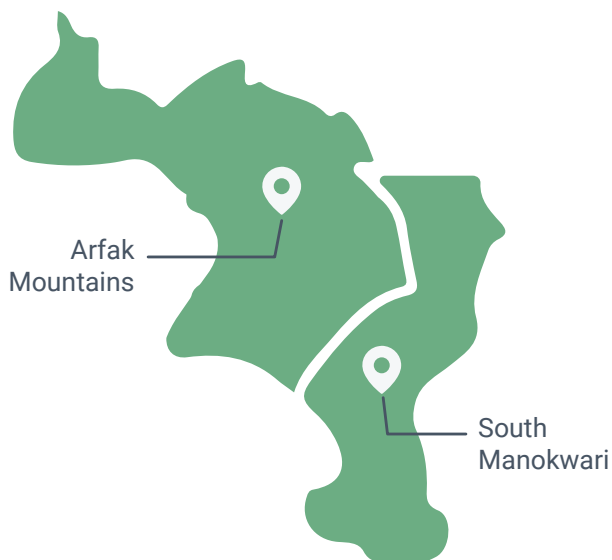
Development of Micro-hydro Power Plants in Arfak Mountains

The generation of renewable energy is being expanded in West Papua with an existing example of success in a micro-hydro initiative in the West Sorong District. The initiative was initially developed independently with village funds. To support the hydro power development, local communities have committed not to cut down forests and damage rivers, thus ensuring stable water discharge for electricity generation.

The initiative site covers the Arfak Mountains and South Manokwari districts, with land status that is mostly forest. The initiative's target development of two micro-hydro power plants. Currently, the initiative is still in the planning stage and involves the Energy and Mineral Resources Agency (ESDM), the Regional Development Planning Agency (Bappeda), and various development partners.



Initiative Information



Location: South Manokwari Regency (Kampung Susmorof, Ransiki District) and Arfak Mountain Regency (Kampung Ingen, Minyambouw District)

Collective Social and Environmental Goals

Social

- Improved access to electricity
- Improved living condition to the local community
- Provision of local jobs

Environmental

- Increased protection to forest and river area
- Reduction of greenhouse gas emissions

Initiative Management

Implementation of the initiative will be coordinated by the Energy Agency.

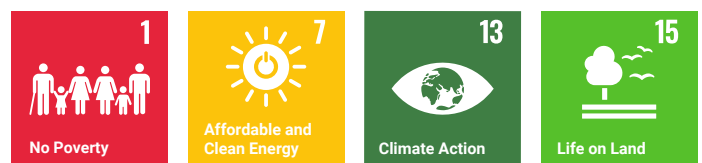
Collaboration Opportunities

- Installation of power plant
- Community engagement
- Exploration of potential economic activities for local communities
- Reduced GHG emissions

Relevant International/National/Regional Targets

- National General Energy Plan
- Regional General Energy Plan
- Master Plan and Roadmap for Green Economic Growth in West Papua 2018 - 2040

Related Sustainable Development Goals (SDGs)



Cost and Funding

The initiative is estimated to cost around USD 400,000.



Lead Authors and Contributors

Lead Authors

Syahrina Dyah Anggraini (GCF TF)

Haryono Hansen Sirait (CDP)

Ari Suharto (CER Indonesia)

Contributors

West Papua Government: Charlie D Heatubun, Haerul Arifin, Richard Gatot Nugroho T, Yance de Fretes

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
- Charlie D. Heatubun (Regional Research and Innovation Agency of West Papua)
charlie_deheatboen@yahoo.com
- Haerul Arifin (Regional Research and Innovation Agency of West Papua)
haerul.provpb@gmail.com
- Reymond R. H. Yap (Environmental and Land Agency of West Papua)
reymondrhyap@gmail.com

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

For media enquiries, contact media@cdp.net

Images courtesy of [dok.brida_mediapapuarat](https://www.dok.brida_mediapapuarat.com)

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.