



GCF
task force



Collaboration Pitchbook

Aceh

Toward A Strategic Ecosystem 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 Aceh, 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 Aceh'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 Aceh 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 Aceh'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 2020, Aceh province developed a plan called Integrated Low Emission Development Strategy for Aceh (ILEDSDA). It highlights goals and strategies for the development of green and sustainable policies and programs. ILEDSDA is intended to serve as reference for future development plans in the province.

At the moment, the Aceh Province is dedicating its efforts to two vital pillars of sustainable development: ecosystem rehabilitation and renewable energy. The region has been working to restore coastal and marine ecosystems, particularly in the aftermath of the 2004 Indian Ocean tsunami, with the aim of reviving diverse marine life and

preserving environmental equilibrium. These complementary efforts pave the way for a more sustainable future in Aceh, promising both preserved ecosystems and greater access to eco-friendly energy.

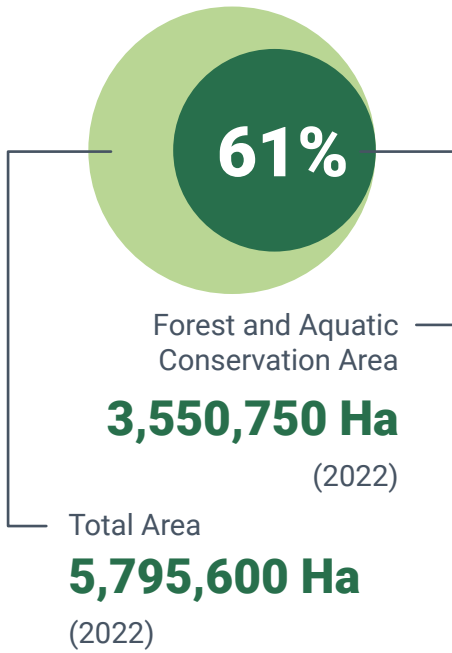
Aceh is also actively engaged in several impactful endeavors through social forestry programs. These include peat management outside forest areas, community-based wildlife conflict resolution, and the value enhancement of non-timber forest products (NTFPs). In this regard, Aceh seeks to address environmental challenges while elevating the economic well-being of local communities.

List of Initiatives

1. Peatland Management Outside Forest Area
2. Community-Based Wildlife Conflict Management (Elephants)
3. Increasing the Value of Non-Timber Forest Product (NTFPs)
4. Coastal and Marine Ecosystem Restoration



Aceh Province in Figures



Peat Hydrological Unit (PHU)	
338,164 Ha	
(2017)	
Number of PHU	37
City boundary	189,274
Cross city boundary	136,050
Cross province boundary	12,840

Existing Mangrove Area	
29,174 Ha	
(2021)	
Sparse Mangrove (Ha)	1,822
Medium Mangrove (Ha)	2,169
Dense Mangrove (Ha)	25,182

Potential Mangrove Area	
18,148 Ha	
(2021)	
Abrasion area (Ha)	433
Opened area (Ha)	468
Mangrove Abrasion (Ha)	31
Pond (Ha)	16,413
Soil arises (Ha)	804

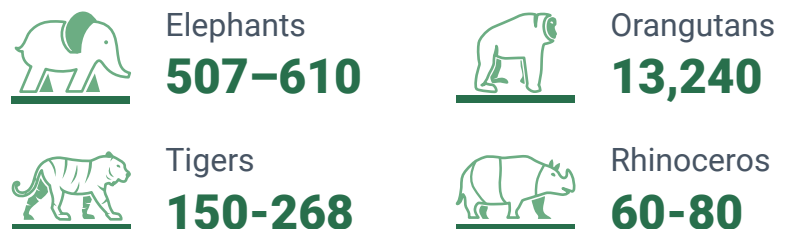
Forest Protection Enablers

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

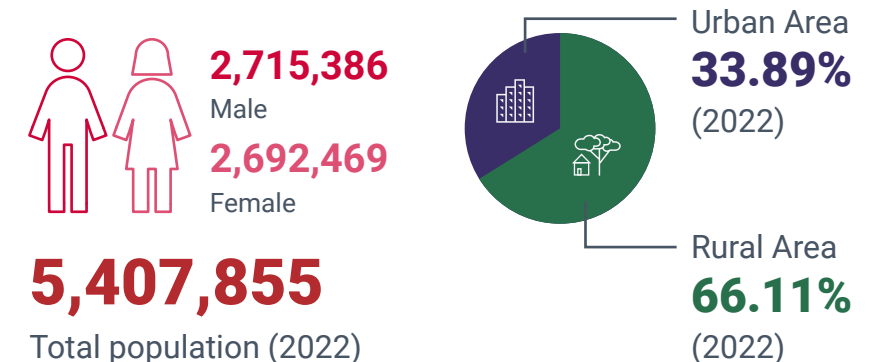
Climate Action Enablers

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

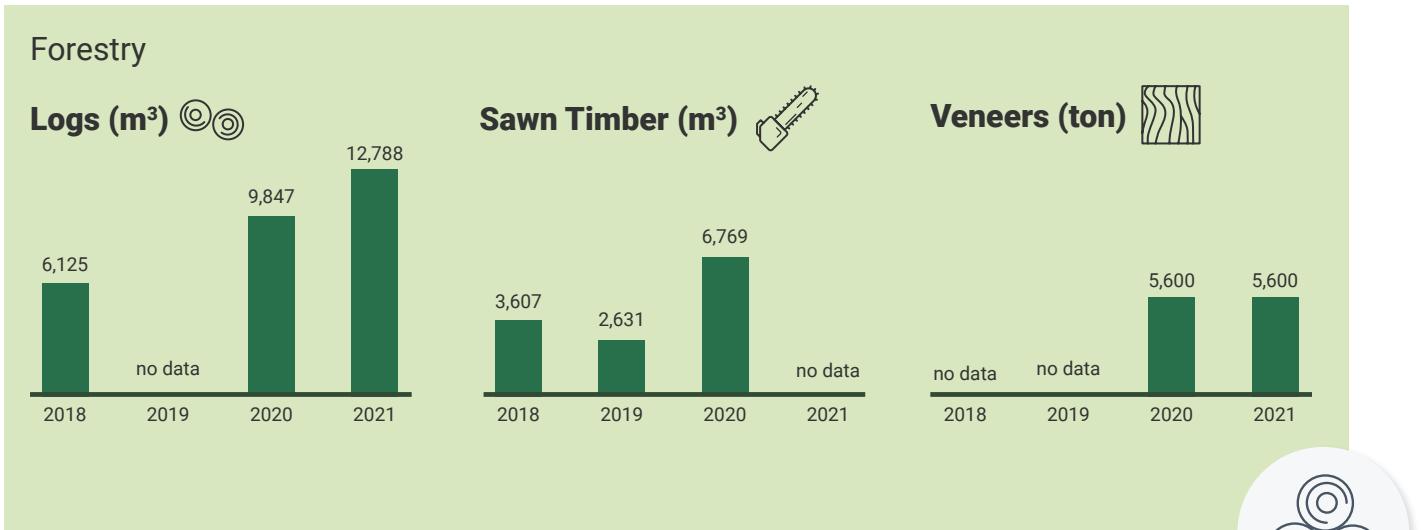
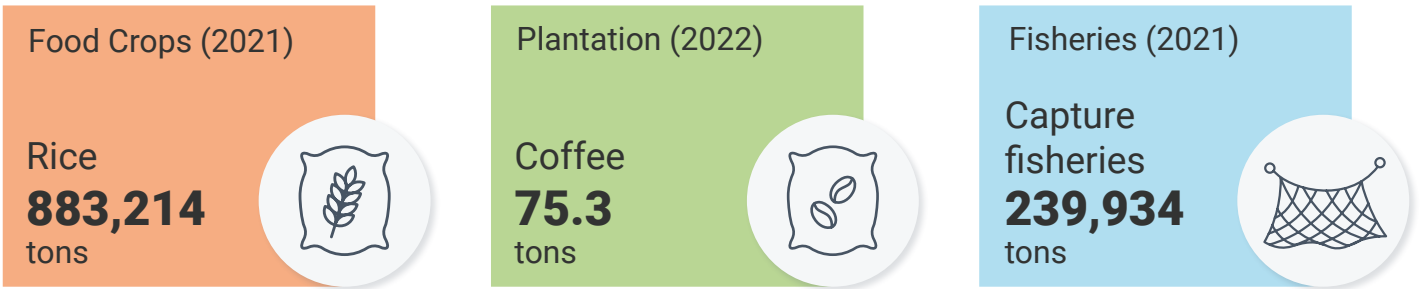
Wildlife Statistics



Demographic Data

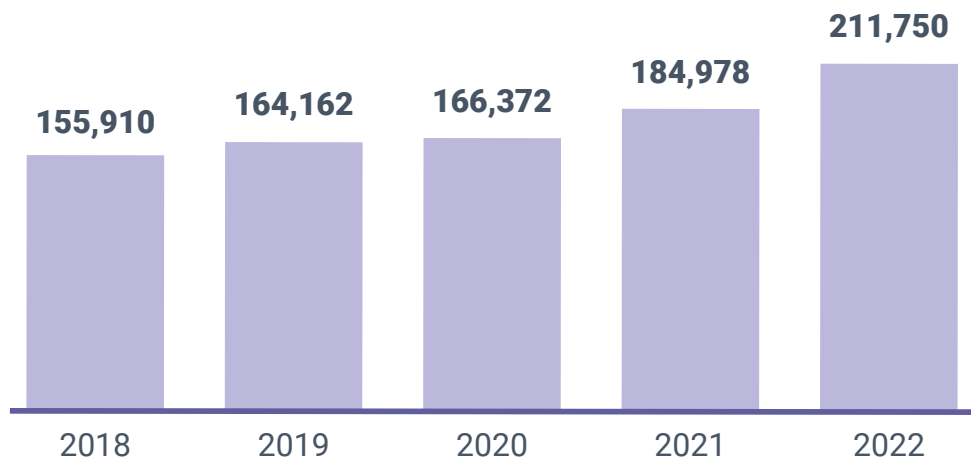


Key Commodities



Regional Gross Domestic Product

*in billion rupiah



References:

1. BPS. 2023. Aceh in Figures
2. MoEF. 2017. National Peat Hydrological Unit (scale of 1:250,000)
3. MoEF. 2021. Mangrove Map of Indonesia / PMN
4. Aceh Government. 2020. Aceh Province Wildlife Management Action Plan





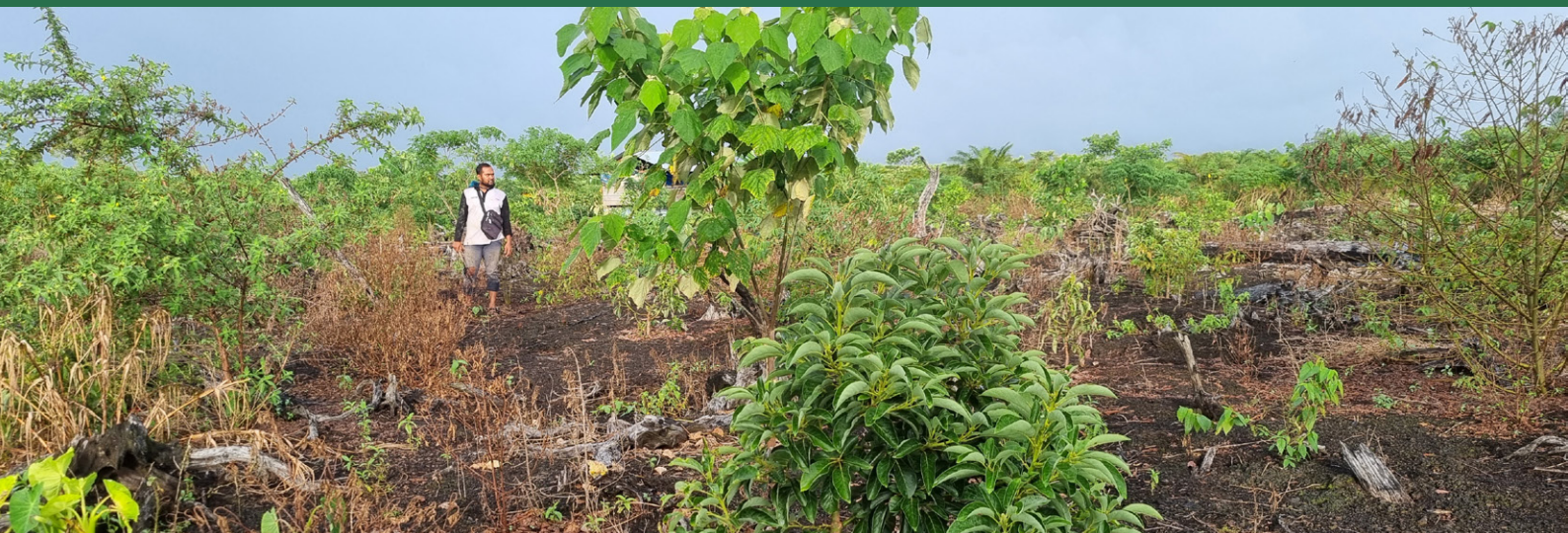
Peatland Management in Other Land Use (APL)

Peatland restoration in the Aceh Province is a very important initiative. The initiative involves several districts in Aceh, including Aceh Jaya, Aceh Barat, Nagan Raya, Aceh Barat Daya, Aceh Selatan, Subulussalam, and Singkil. One of the main components of the initiative is the Peat Care Independent Village Development, which aims to engage communities in peatland protection and restoration. This includes actions such as revegetation to restore biodiversity and peat ecosystem functions, peat water management through canal blocking and monitoring wells, and improved facilities and infrastructure for peat fire mitigation. To date, there have been 10 Independent Peat Care Villages established as part of this initiative, which is the result of cooperation between KLHK, GIZ, and the Aceh government.

The initiative also includes peatland management outside the forest area. About 40% of the Other Land Use Areas (APL) in Aceh are managed by local communities,

and the initiative activities will include efforts to reduce conventional burning to clear agricultural land. Strengthening law enforcement realized through the issuance of a provincial regulation prohibiting peatland burning. In addition, collaborative partnerships have also been established involving communities in fire suppression through village-level fire preparedness/*Desa Siaga Api* (DSA) and canal blocking in APL to maintain water levels.

Over the course of the initiative until 2023, it is expected that there will be significant improvements in the protection and restoration of peat ecosystems in Aceh as well as a reduction in the risk of costly peatland fires. The Government of Aceh and various partners are involved in the monitoring and implementation of this initiative, with support from APBA (Aceh Budget) for tree planting and necessary infrastructure.



Initiative Information



Location: Aceh Jaya, Aceh Barat, Nagan Raya, Aceh Barat Daya, Aceh Selatan, Subulussalam and Singkil districts

Collective Social and Environmental Goals



Social

- Community empowerment
- Improved community welfare



Environmental

- Peat ecosystem restoration
- Reduction of peatland fires
- Conservation of peatlands outside forest areas
- Reduction of conventional burning

Initiative Management

This initiative is implemented through a multistakeholder initiative i.e. the Aceh government through the Environment and Forestry Agency (DLHK), as well as donor partners, academics, non-governmental organizations, and civil society organizations.

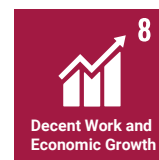
Collaboration Opportunities

- Ecotourism development
- Community capacity building
- NTFPs product development

Relevant International/National/Regional Targets

- Strategic Plan of the Environment and Forestry Agency (DLHK) Aceh 2017-2022
- Indonesia's FOLU Net Sink (IFNET) 2030
- Enhance NDC – Republic of Indonesia

Related Sustainable Development Goals (SDGs)



Cost and Funding

The initiative is estimated to cost around USD 11 million.





Community-Based Wildlife Conflict Management (Elephants)

The Animal Conflict Management Initiative in Aceh is an initiative conducted in several districts in Aceh, including Aceh Jaya, Aceh Barat, Aceh Selatan, Pidie, Bener Meriah, Aceh Utara, Aceh Timur, and Aceh Tenggara. The initiative aims to address frequent conflicts between communities and wildlife, especially elephants, within forest areas, protected lands, plantations, and community settlements. Communities and officers conduct regular patrols to deter elephants from entering residential areas or agricultural land.

Despite limited resources and infrastructure, the Aceh government has made a serious commitment to provide support. This is in line with Aceh's Qanun (Regional Regulation) No. 11/2019 on Wildlife Management which provides a strong legal foundation to regulate interactions between humans and wildlife, including elephants, in the Aceh region.


The initiative also includes monitoring conducted by the Aceh government, especially on peat sites. This monitoring is still carried out on a regular basis using the Aceh budget (APBA), although it is still limited based on priorities. As for the 10 initiative sites, support is provided by ASEAN-EU Program: Sustainable Use of Peatlands and Haze Mitigation in ASEAN (SUPA). The approach involves conducting discussions, field observations, and promptly resolving obstacles or problems as they arise.

The initiative reflects the Aceh government's serious efforts to address wildlife conflict in order to maintain a balance between nature conservation and economic sustainability and the lives of people in the Aceh region.



Initiative Information



 Location: Aceh Jaya, Aceh Barat, Aceh Selatan, Pidie, Bener Meriah, Aceh Utara, Aceh Timur, Aceh Tenggara Districts

Collective Social and Environmental Goals

Social

- ▼ Increased community safety
- ▼ Community empowerment

Environmental

- ▼ Wildlife conservation
- ▼ Ecosystem restoration
- ▼ Sustainable management

Initiative Management

The initiative is led by the Aceh Environment and Forestry Agency (DLHK) with technical assistance from development partners, such as GIZ.

Collaboration Opportunities

- ▼ Use of technology
- ▼ Community education and awareness
- ▼ Improved facilities and infrastructure

Relevant International/National/Regional Targets

- ▼ Strategic Plan of the Environment and Forestry Agency (DLHK) Aceh
- ▼ Mid-term Regional Development Plan (RPJMD) of Aceh 2018-2022
- ▼ Long-term Regional Development Plan (RPJPD) of Aceh 2007-2027
- ▼ Qanun (Regional Regulation) No. 11/2019 on Wildlife Management

Related Sustainable Development Goals (SDGs)



Cost and Funding

The initiative is estimated to cost around USD 1.1 million





Increasing the Value of Non-Timber Forests Products (NTFPs)

Aceh Province has abundant natural resources, including forests which support community livelihoods. Forest products such as rattan and pine resin play a key role in the traditional livelihoods of Acehnese.

Within the framework of the social forestry program, the government and partners in Aceh are collaborating with local communities to increase the value of non-timber forest products (NTFPs). This includes improving product quality and processing NTFPs into higher value finished goods, for example, rattan made into furniture or handicrafts.

These measures contribute significantly to increasing the income of local communities, especially when economic resources are limited.

In addition, improving the market for NTFP products can be done through a number of activities such as wider promotion of the products and encouraging the use of e-commerce platforms. Increased demand for such products can potentially create significant economic opportunities for local communities, which in turn can contribute to overall economic improvement for the area.



Initiative Information



 Location: Aceh Province

Collective Social and Environmental Goals

Social

- ▼ Increased income for local communities
- ▼ Empowerment of local communities
- ▼ Improved local markets and distribution

Environmental

- ▼ Sustainable forest management

Initiative Management

The initiative is led by DLHK and supported by Forest Management Unit (KPH)

Collaboration Opportunities

- ▼ Diversification of NTFP products
- ▼ Development of sustainable product labels
- ▼ Technology development and innovation
- ▼ Training and education

Relevant International/National/Regional Targets

Strategic Plan of the Environment and Forestry Agency (DLHK) Aceh 2017-2022.

Related Sustainable Development Goals (SDGs)





Coastal and Marine Ecosystem Restoration


The rehabilitation of coastal and marine ecosystems in Aceh is a critical need following the 2004 tsunami, which significantly altered the landscape of the Aceh Province. The impact of the tsunami was characterized by loss of land and shoreline, accumulation of sea salt and mud, and the formation of new coastal marshes. To address these issues, various activities such as revegetation, mangrove rehabilitation, and community based adaptation have been initiated, emphasizing the empowerment and involvement of local communities in rehabilitation efforts.

A collaborative approach is essential in addressing complex and interrelated issues, by actively engaging local communities, the initiative can not only restore the natural environment, but also improve the resilience and livelihoods of communities living in coastal areas. This integrated approach reflects the critical role of coastal and marine ecosystems in sustaining the well-being of coastal communities.



Initiative Information



 Location: Aceh Province in Jurisdiction Area

Collective Social and Environmental Goals

Social

- ▼ Local community empowerment
- ▼ Improved livelihoods
- ▼ Disaster risk reduction

Environmental

- ▼ Ecosystem restoration
- ▼ Reduction of environmental pollution
- ▼ Biodiversity conservation

Initiative Management

The initiative is carried out by Aceh Provincial government through collaboration between various organizations, development partners, and local communities.

Collaboration Opportunities

- ▼ Coastal ecotourism
- ▼ Sustainable management of fisheries resources

Relevant International/National/Regional Targets

- ▼ Qanun (Local Regulation No. 1/2020) on Zoning Plan of Coastal Areas and Small Islands of Aceh 2020-2040
- ▼ Minister of Maritime Affairs and Fisheries Regulation Number 23/PERMEN-KP/2016 concerning Planning for the Management of Coastal Areas and Small Islands.

Related Sustainable Development Goals (SDGs)



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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

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.