



APP

USE OUR PAPER, WE PLANT MORE TREES.

SUSTAINABILITY JOURNEY: A CONTRIBUTION TO AICHI TARGETS AND OTHER SUSTAINABLE COMMITMENTS

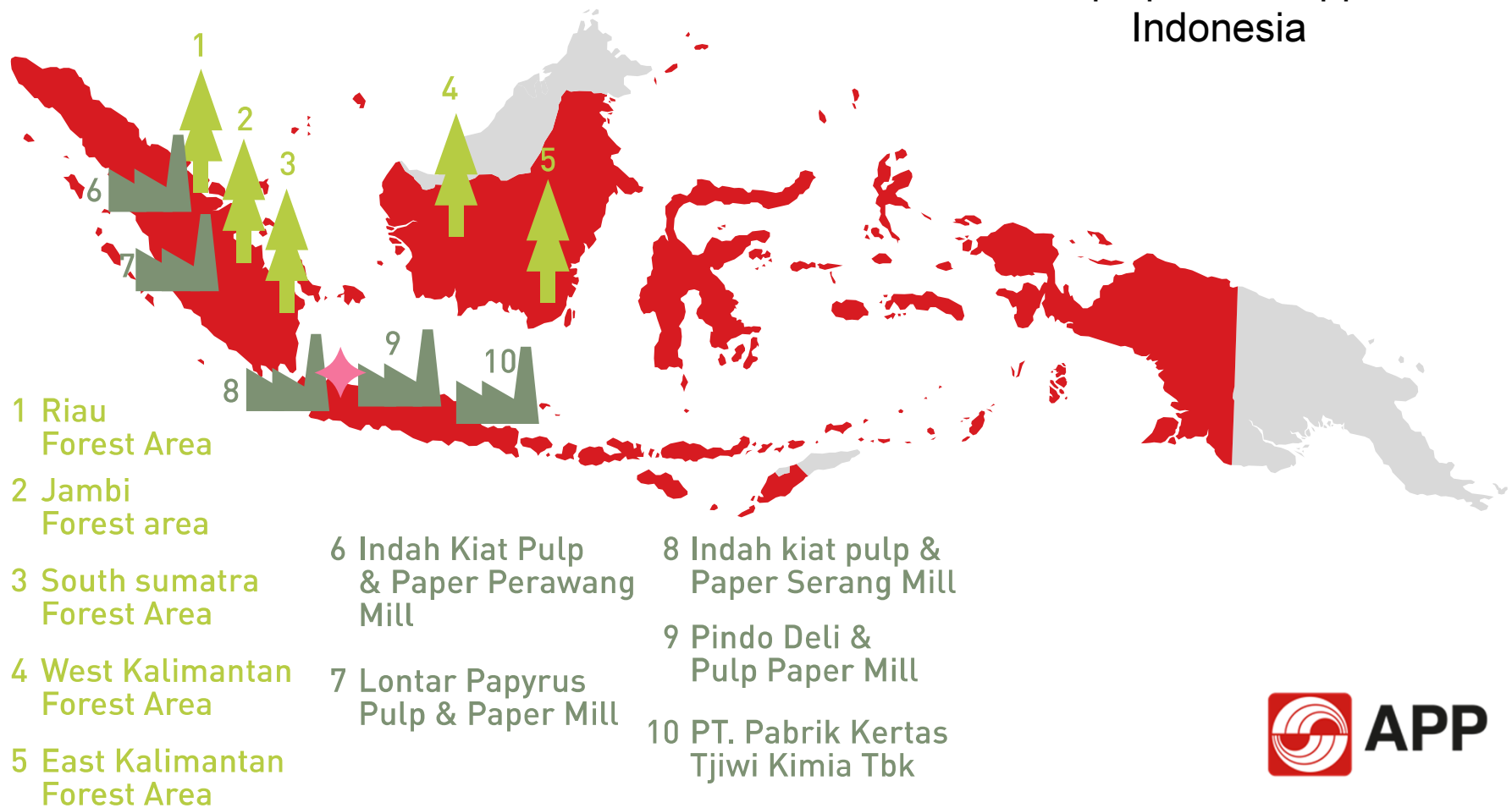
Dolly Priatna, Head of Conservation – Asia Pulp & Paper Group

UNCBD/FAO Capacity-building workshop on the restoration of forest and other ecosystems, Bangkok , 1 July 2016

APP's operations

INDONESIA

APP has 9 production facilities
and 38 pulpwood suppliers in
Indonesia

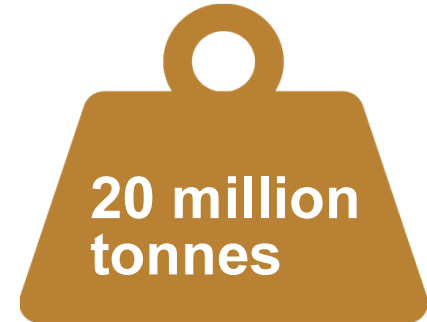


Asia Pulp & Paper overview



We are one of the
world's largest
producers of pulp,
paper and packaging

annual
combined
capacity



**20 million
tonnes**



Global revenues of over
\$12.2 billion



Products in more than
120 countries



We employ over
70,000 people
around the world



APP SUSTAINABILITY ROADMAP

The Sustainability Roadmap Vision 2020 is our strategy to place sustainability at the heart of operations

CLIMATE CHANGE

EMISSIONS

SOLID WASTE

REFORESTATION

WATER
MANAGEMENT



CONSERVATION
&
BIODIVERSITY

FIBRE
SOURCING

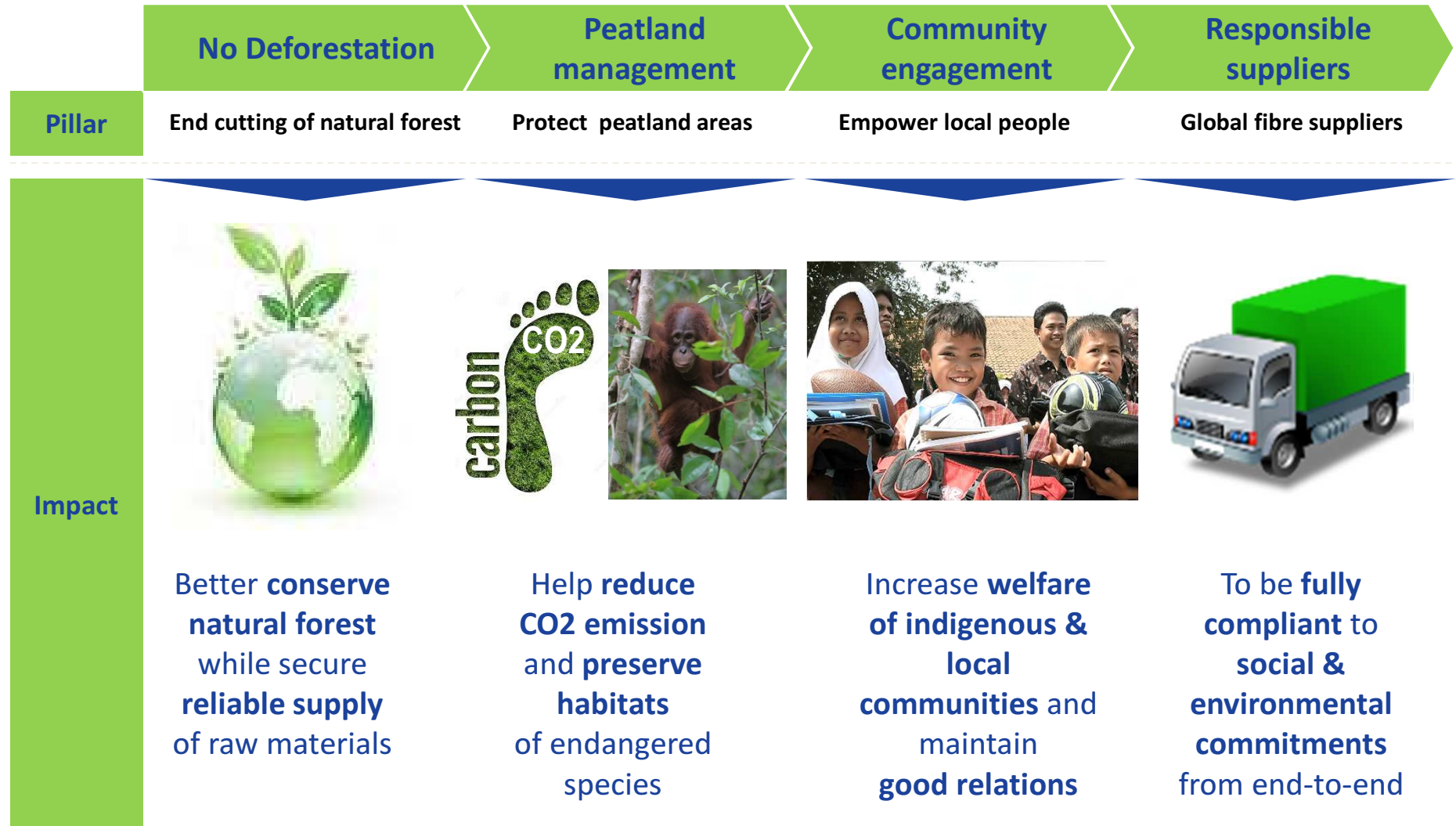
EMPLOYEE
WELLFARE

COMMUNITY
EMPOWERMENT

HUMAN RIGHTS
& INDIGENOUS
PEOPLE



Forest Conservation Policy - Four Critical Pillars



NO DEFORESTATION & SUSTAINABLE FOREST MANAGEMENT

Natural forest moratorium was implemented to allow assessments which will determine natural forest areas to be protected, and provide recommendations for the sustainable forest management of APP suppliers concessions.



Integrated Sustainable Forest Management Plan (ISFMP)



One million hectare commitment

In April 2014, APP has announced a plan to support the protection and restoration of one million hectares of forest across Indonesia. 10 landscapes identified

This ground-breaking initiative has been developed with input from many stakeholders, including WWF and Greenpeace.

CRITICAL LANDSCAPES – UNDER CONSULTATION





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FCP PROGRESS REVIEW

3 YEARS ONWARD

APP Forest Conservation Policy

APP Vision 2020 Sustainability Roadmap



ACHIEVEMENT HIGHLIGHTS

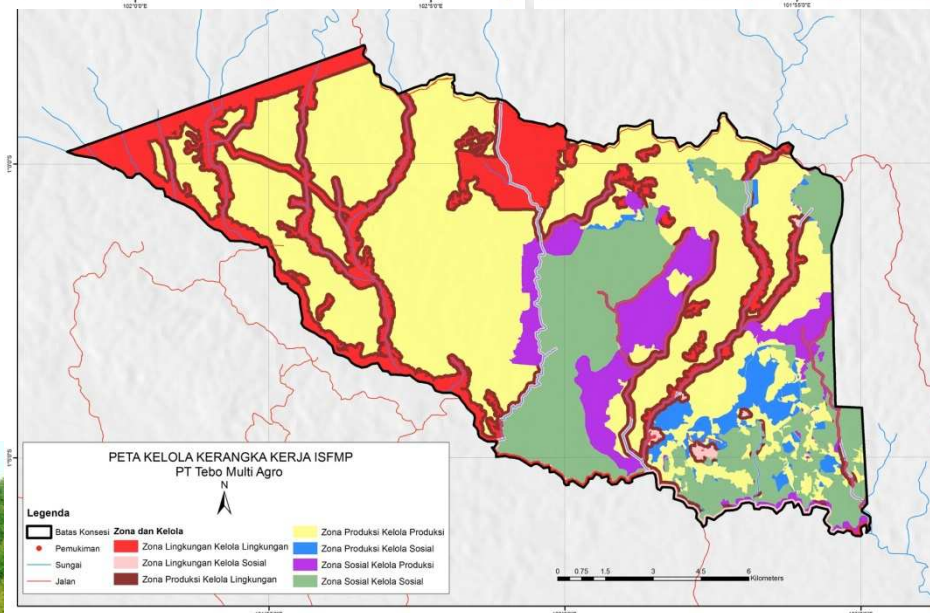
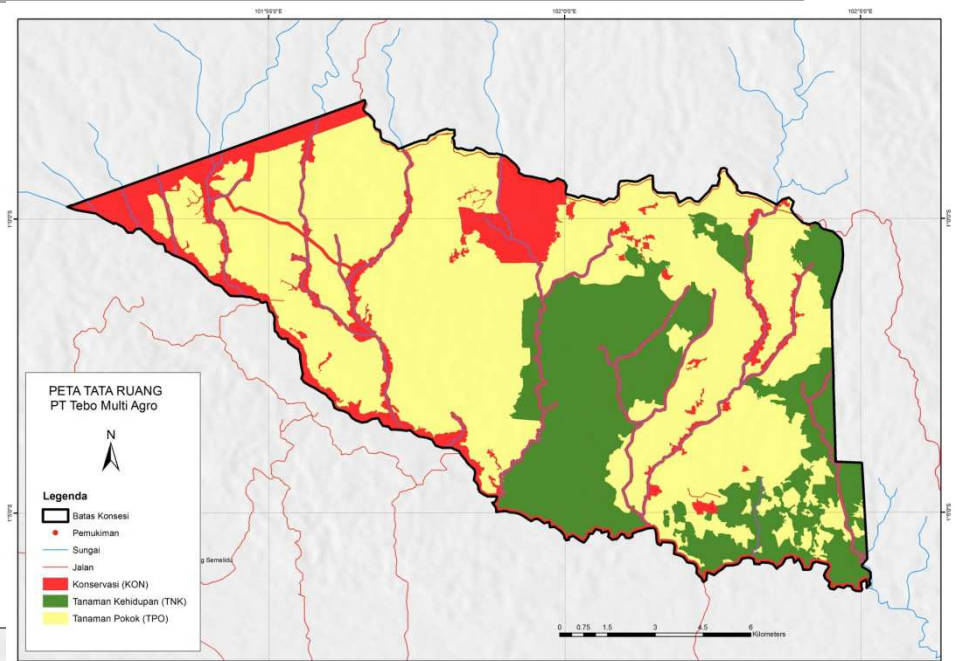
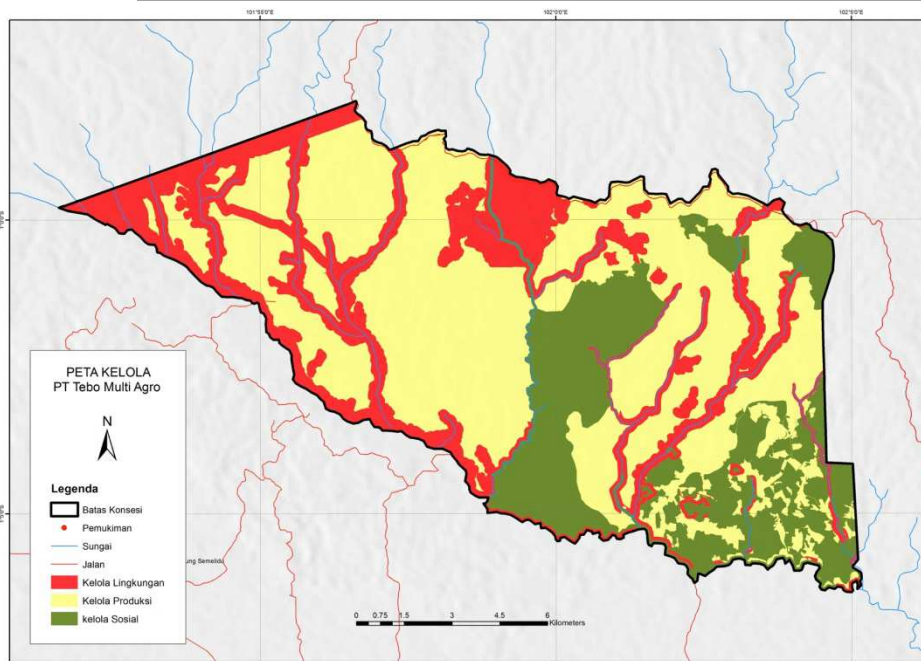
HCV & HCS Protection



- ISFMP spatial planning progress:
 - ISFMP spatial planning has been completed for all region
 - Next steps:
 - Formalize into RKU
 - Develop ISFMP monitoring program with stakeholders
- SOPs were improved/developed and implemented to manage non-spatial recommendations



INTEGRATED SUSTAINABLE FOREST MANAGEMENT PLAN





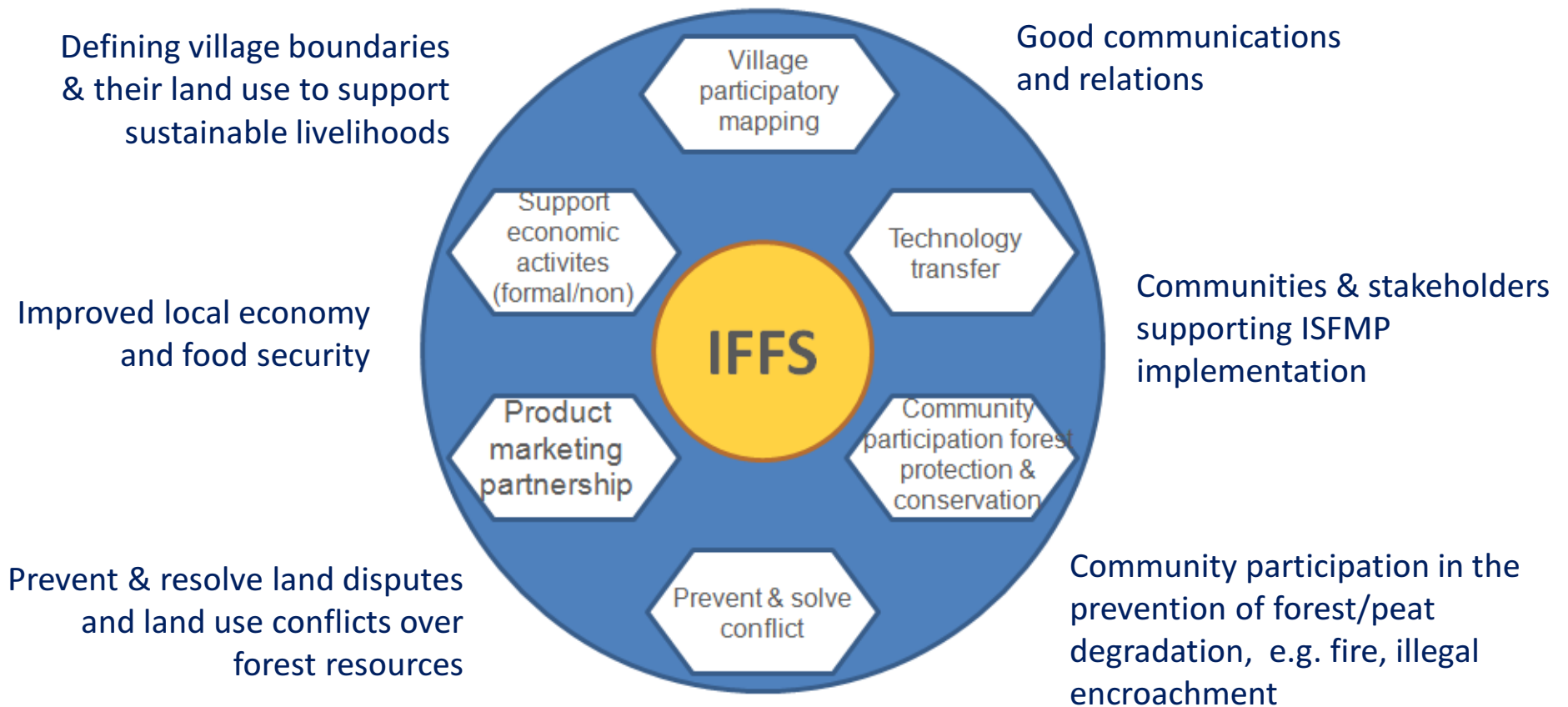
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SOCIAL ENGAGEMENT & MANAGEMENT

Community Development: Moving Forward

Expand the scope of programs and resource allocation with **Integrated Forestry & Farming System (IFFS) / Desa Makmur Peduli Api (DMPA)** program aiming to benefit 500 villages in the next five years.





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FIRE PREVENTION & MANAGEMENT

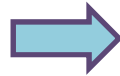
Implementing Fire Management Strategy



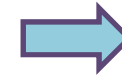
Thermal Imaging System: Methodology



The aircraft, equipped with fire mapping systems on standby in the dry season



When a hot spot is detected from BMKG web site, the aircraft is prepped and flight operations can begin



The aircraft use the hot spot data to determine a flight route and are sent out to undertake mapping operations.



Data is acquired over the fire and automatically analysed in real time.



The geographic locations of fires are uploaded to our own internal web site for display and fire fighter use.





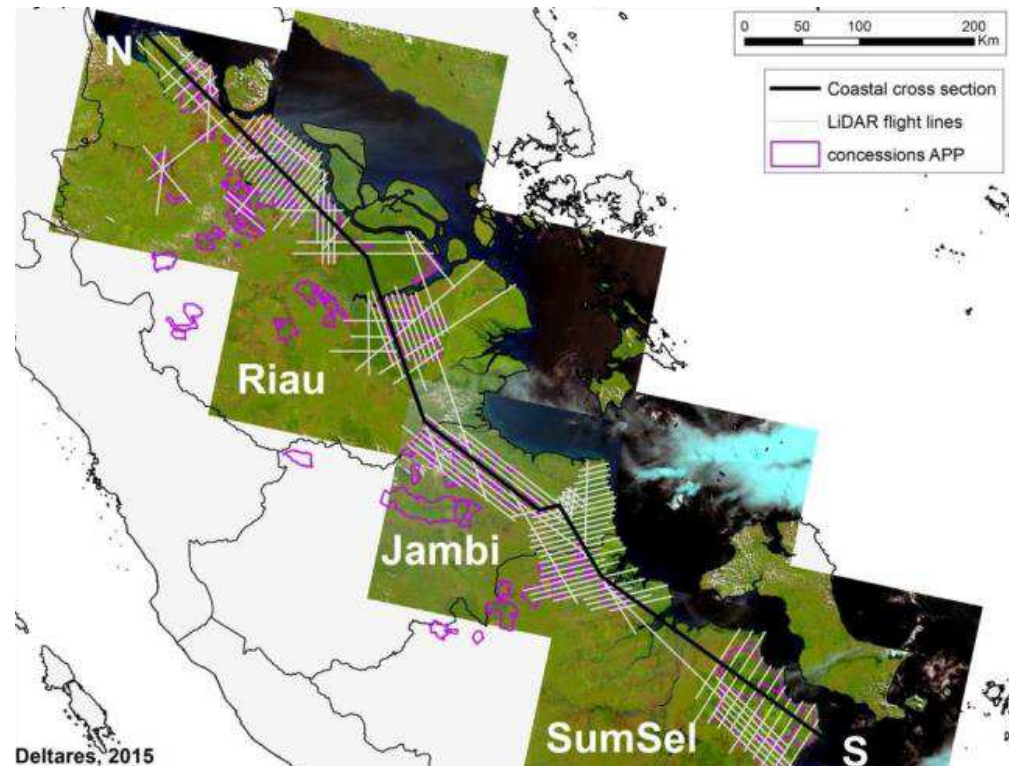
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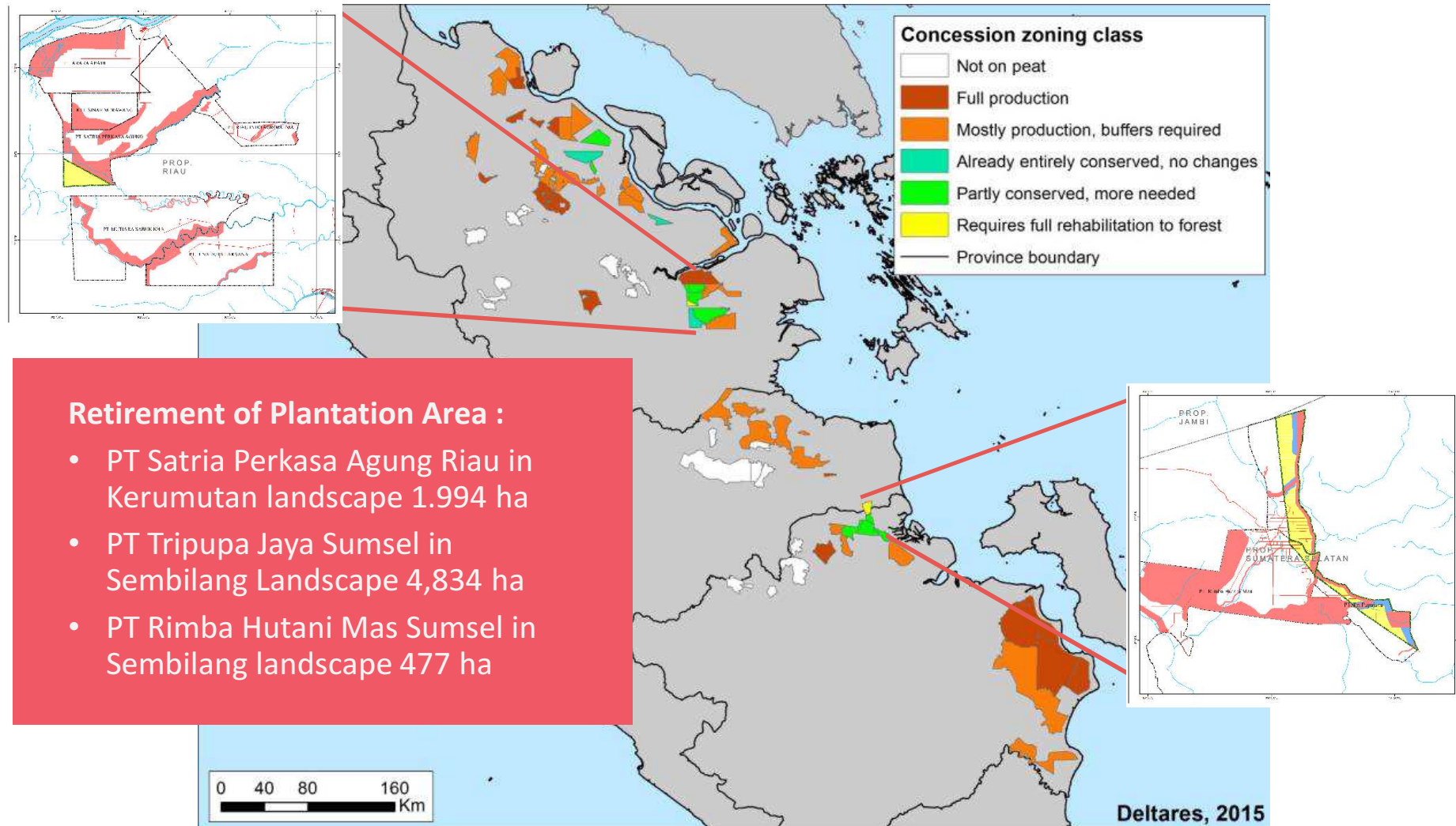
PEATLAND BEST MANAGEMENT PRACTICE

LiDAR Flight Path Over APP Suppliers' Areas in Peatland

- Some 11,000 km flown over East Sumatra and West Kalimantan, in 2015
- Flights are over APP suppliers' concessions and surrounding areas on peat
- LiDAR data coverage effectively ~4.5 million hectares

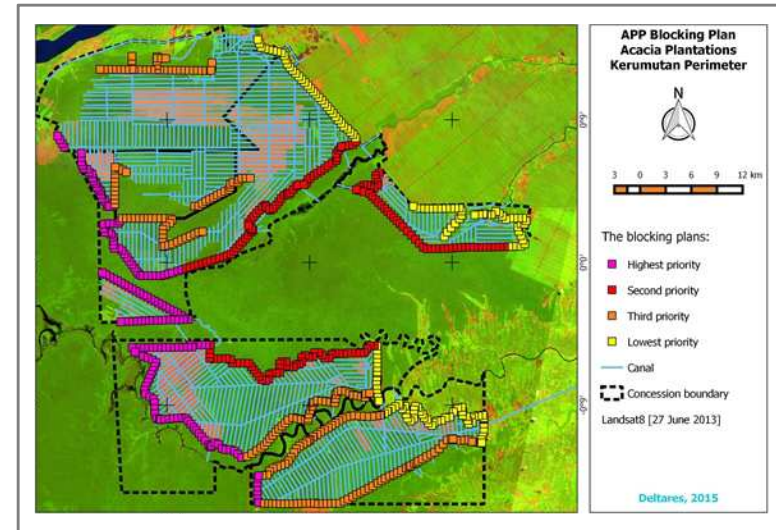


Quick-Scan for Zoning and Retirement Planning

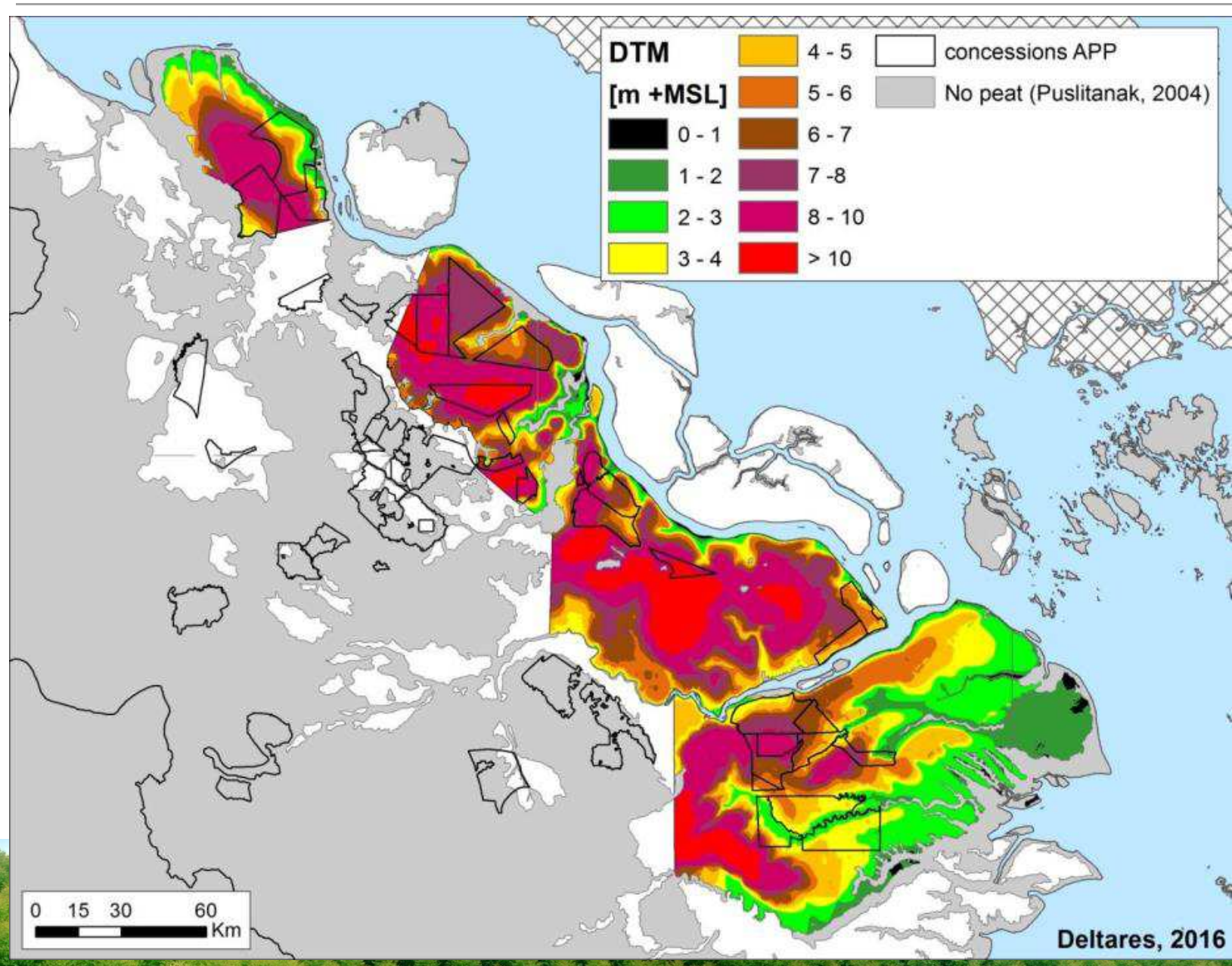


Perimeter Canal Blocking

- For peat forest protection & to reduce fire risk by blocking all perimeter canals near forest in and around APP plantations
- As of April 2016, over 5,000 perimeter canal blocks have been built
- In line with government's guideline to create water reservoirs



DTM Result derived from LiDAR





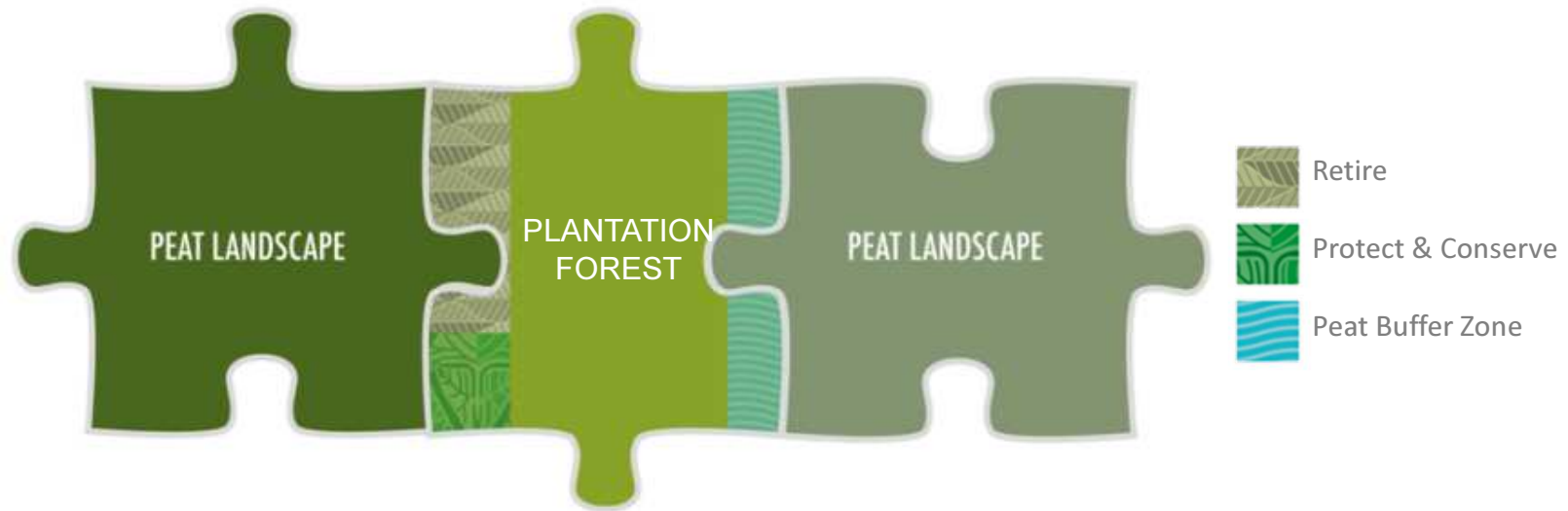
APP SUPPLIERS PLANTATION FOR RETIREMENT

LEGEND

- WILDLIFE RESERVE
- PULPWOOD PLANTATION AREA



Scientific-Based Landscape Approach

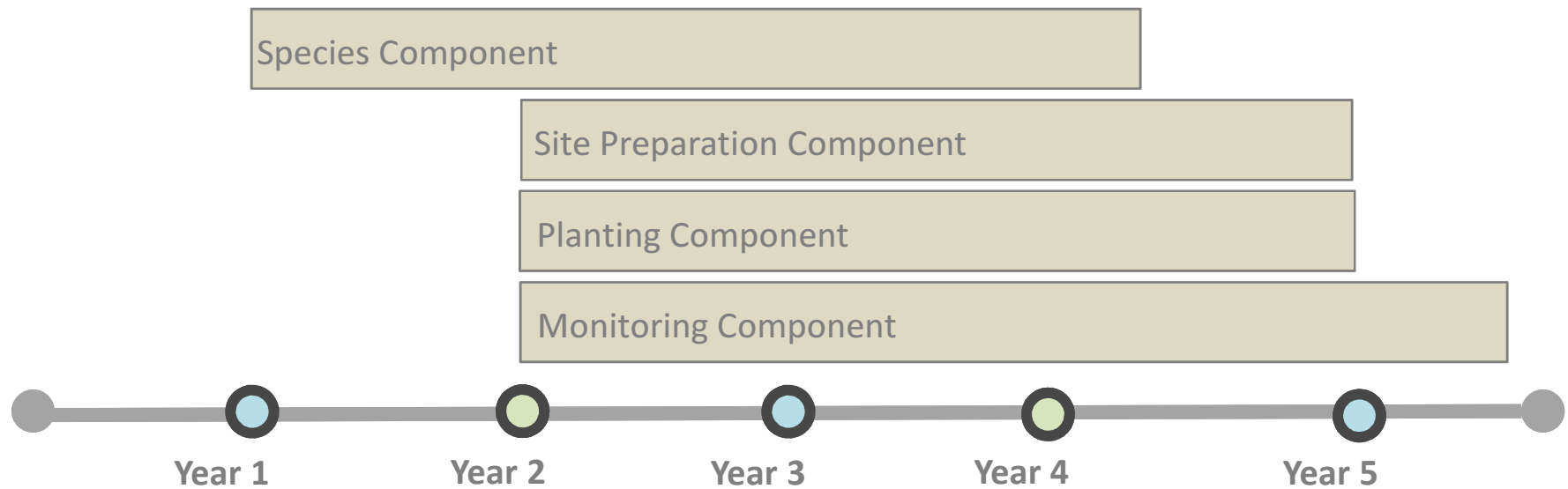


Recommendations for best practice include:

1. Water regulation in production & conservation areas
2. Protect and conserve existing forest on peatland
3. Create wider buffer zones to maintain near-natural water levels at the forest edge
4. Retire existing plantations and restore back to forest



Alternative Species Program



1. A four year program for alternative species development – supported by Euroconsult Mott MacDonald
2. Year 1 focuses on species component
 - Species selection → suitable on wetland & for pulping
 - Sourcing & provenance,
 - Lab/nursery propagation,
 - Special treatment (e.g. mycorrhiza)





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1 MILLION HA CONSERVATION &
RESTORATION

LANDSCAPE LEVEL CONSERVATION

Landscape level connection & coordination are key for the long term conservation of natural forest

- Launch of Belantara Foundation
 - The organisational structure and all boards members are established
 - The Foundation has recently hired CEO, Landscape Conservation Director, and several managers and staff
- Master Plan completed & distributed
- Conservation programs based on the Master Plan is in development
 - Some MoUs signed with stakeholders for forest protection, restoration, fire prevention, and improving community livelihood programmes
 - APP has committed to a total of US\$ 50 million, and has awarded US\$ 10 million to the Foundation as initial funding for the 1st year in 2016
 - Matching fund from some programmes obtained from other sources
- Managing a restoration concession and another one is being applied



Belantara
FOUNDATION



Transparency, reporting and the monitoring dashboard

The dashboard allows independent tracking of progress. The link is: <http://www.fcpmonitoring.com>

FOREST CONSERVATION | ASIA PULP & PAPER MONITORING DASHBOARD

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Forest Conservation Policy

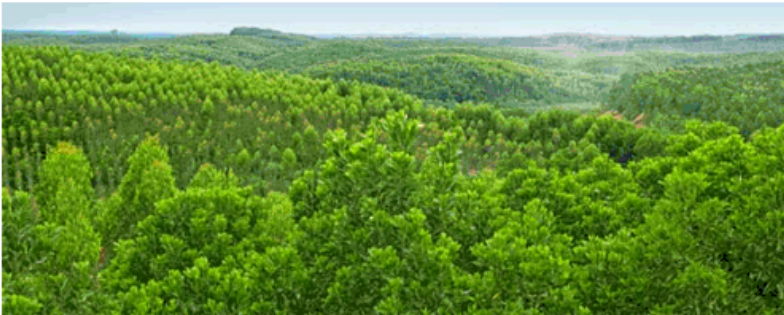
Integrated Sustainable Forest Management Plan

Landscape Conservation

APP China

Forest Moratorium | HCV | HCS | Peatland | Social | Supplier Assessment | Grievance | All Documents

Forest Conservation Policy



On February 5th 2013, we launched our Forest Conservation Policy (FCP). This included a moratorium on all natural forest clearance by our suppliers and the commencement of large-scale High Conservation Value and High Carbon Stock assessments to identify natural forest and other important areas for protection.

The Forest Conservation Policy consists of four commitments:

Policy commitment 1: APP and its suppliers will only develop areas that are not forested, as identified through independent High Conservation Value (HCV) and High Carbon Stock (HCS) assessments.

Policy commitment 2: APP will support the Government of Indonesia's low emission development goal and its intent to reduce greenhouse gas emissions. This will be achieved by ensuring that

Latest Updates

13/04/2015

Focus Group Discussion - Master Plan for Landscape Conservation region Riau on 22 - 23 April 2015 in Pekanbaru

[Read More](#)

17/02/2015

APP Shares FCP Implementation Plan for 2015

[Read More](#)

17/02/2015

APP Welcomes Rainforest Alliance's Evaluation Report

[Read More](#)

Our Supplier Concessions

[Click to View More](#)



[or view on 3rd party map at GFW website](#)

**APP**

CONCLUSSION



- February 2013 - No deforestation policy across entire wood supplier concessions
- HCV areas properly managed
- Create wildlife corridors



- Best practice on peatland applied
- All areas identified as HCV 4, 5 & 6 safeguarded
- FPIC applied



- High Carbon Stock (HCS) areas conserved
- Degraded land in protected area within concession rehabilitated/restored
- Implementing commitment of 1 million hectares of forest protection and restoration
- Manage a Ecosystem Restoration concession





- Commitment to support the protection and restoration of 1 million hectares
- Delivering its FCP into Integrated Sustainable Forest Management
- Have been actively support the conservation of endangered species



- September 2014 - Signs New York Declaration on Forest to help tackle climate change.



- December 2015 – Commitment to support the protection and restoration of 1 million hectares has been accepted into the Bonn Challenge.



OUR OBJECTIVE IS
TO DEVELOP A **NEW BUSINESS MODEL**
IN OUR INDUSTRY THAT
PROTECTS THE FORESTS AND
EMBRACES THE COMMUNITY
AS AN INTEGRAL PART
OF OUR SUPPLY CHAIN





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THANK YOU