Intensively Managed Planted Forests
Industry Perspective

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Building the Capability

Jangan Biarkan Hutan
Menjadi Tinggal Kenangan

Jaga dan Lestarikan Hutan
Untuk Masa Kini dan Masa Depan

Managing resources to meet conservation, social and economic needs of today’s society without compromising future generations
Active Intervention with Balanced Approach – Solution to the Problem

- To stop the degradation of forest resources due to illegal logging, encroachment & shifting cultivation, responsible management intervention and investment with balanced approach is needed.

- Mosaic Plantations create:
  1. Diversified landscapes to secure the ecosystem services for society
  2. Win-win solution for people, environment and economic development (3Ps)
Tree Growing – An Opportunity for Indonesia

- Relative Abundance of Land
- CLEAN Production ‘Machinery’

Solar Energy → CO₂ → 27 Ton/Ha/a

Ample Rainfall → Favorable Temp → Soil Nutrients

Photosynthesis → Socio-Economic Development
Fiber for Industry/Biomass
Indonesia’s Competitive Advantage

APRIL operates with one decade of experience at an average 30 m3 sub/ha/a level, Brazilian competitors operate after several decades of experience at an average 50 m3 sub/ha/a level. APRIL sees great potential to increase the MAI and the cost competitiveness over time.

MAI - Mean Annual Increment is the annual average growth/Ha over the full rotation period. We measure MAI as m3 sub/a of merchantable wood volume.

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Mosaic Plantation Concept

A strategy for managing forest resources into sustainable plantations that balances commercial, environmental and social development needs

- **Planet** – Conserving biodiversity and preventing environmental degradation
- **People** – Providing opportunities for social development & poverty alleviation
- **Profit** – Ensuring a steady supply of renewable, high-quality & low-cost fiber

*Balancing all three imperatives is key to our long-term survival and success*
Mosaic HTI Plantations – Solution to Production Forest Degradation

Plantations form healthy and vigorous mosaic landscapes to conserve biodiversity, provide ecosystem services and create wealth for the society.
Mosaic Plantations
Creating Diversified Landscapes
What would be left out of the Logas Production Forest Estate without HTI plantation intervention?
Mosaic Plantations Protecting Conservation Area
Mosaic Plantations Settling the Land Claims

Conservation Area

Forest Encroachments In Permanent Forest Estate

HCVF in Siak Raya/Nusa Wana Ray

Teso East Office
Our Overriding Vision

Responsibly managed HTI forestry in Indonesia provides one of the few options for reducing, possibly reversing in places, the undeniable trajectory towards the continued destruction of natural forest and deterioration of protected areas.
Forest Areas under Mosaic Plantation Management are not Forest Lost, but Forest Enhanced

- Social mapping and third party audited land claim resolution process to resolve the conflicts.
- HCVF assessment to delineate and protect HCV areas.
- Mosaic Plantations to secure the ecosystem services (and hydrology on the low lands) and to stop the loss in biodiversity.
- Creates significant alternate employment and wealth in rural areas, creating 35 permanent jobs/100 Ha reforested and significant income streams, like 1 million USD/day in Kerinci today for local community.
- Certified (LEI) sustainable forest management standard.
Responsible IMPF Management

Thank you!