



# THE KAYAN PROJECT

## Innovate for Sustainability

A groundbreaking initiative blending conservation, technology, and finance. Kayan Project turns 8.68 million hectares into a model for sustainability and economic growth, spanning both North Kalimantan and East Kalimantan.

1 June, 2025



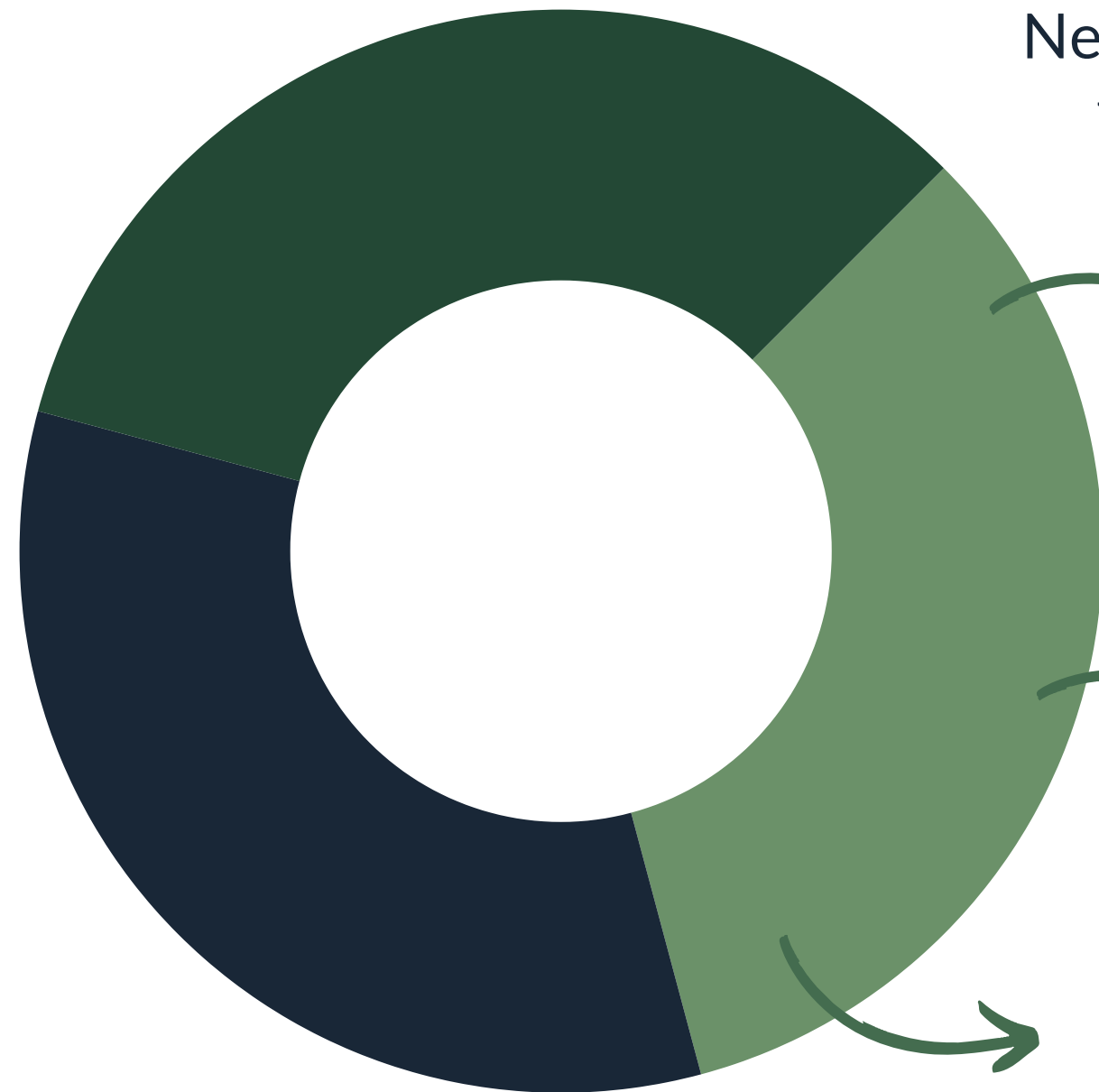


# REDEFINING SUSTAINABILITY: CONSERVATION MEETS INNOVATION

The Kayan Project represents a groundbreaking approach to balancing environmental conservation with economic growth. Focused on 8.68 million hectares of pristine forest in North and East Kalimantan, it integrates innovative financial mechanisms with sustainable resource management to create long-term value.

This initiative is not just about preservation—it's about creating an economic model where sustainability and profitability coexist.

# KAYAN RIVER BASIN: A NATURAL TREASURE



Nestled in North Kalimantan, Indonesia, the **Kayan River Basin** is a globally significant ecosystem:

Home to vast mangrove forests, peatlands, and primary rainforest

More than 200,000 hectares pledged by the Sultan of Bulungan and 53 traditional villages

A critical habitat for biodiversity and endangered species





# KAYAN PROJECT'S LONG-TERM COMMITMENT

Under a **60-year conservation agreement**, Kayan is dedicated to:

- Forest protection and wildfire prevention
- Sustainable forestry and agroforestry
- Community-driven conservation initiatives
- Infrastructure development, including smart connectivity and renewable energy
- Data-driven tracking of environmental impact

**A multi-decade conservation agreement ensures enduring value for people and planet.**





# CARBON & BIODIVERSITY CREDITS: MONETIZING SUSTAINABILITY

Kayan positions itself as a leader in nature-backed finance

01

**Carbon Market Potential:**

Projected to generate over \$35 billion annually in carbon credits

02

**Biodiversity Valuation:**

Assigning financial incentives to ecosystem conservation

03

**Real-Time Impact Verification:**

Utilizing Internet of Forest (IoF) technology for transparency

04

**Attracting Institutional Investment:**

Through rated, regulated nature-based asset securities and verified credits.

# ECO-TOURISM & SUSTAINABLE LIVELIHOODS

Kayan supports local communities by integrating sustainable industries:

## Eco-Tourism Destinations:

Kayan Delta, Semolon, Pantai Amal, Sesayap River Protected Forest, and Dayak Longhouse

## Sustainable Products:

Forest cash crops (cacao, vanilla, pepper), bird nest gathering, traditional craft production

## Medicinal Resources:

Kayan forest honey, Bajakah tree (cancer medication), Tongkat Ali

## Aquatic Industry:

Aquaculture including mangrove crab and shrimp farming, Sultan Fish production





# RENEWABLE ENERGY & INDUSTRIAL DEVELOPMENT

## 9,000 MW Hydro Power Project:

Planned at the mouth of the Kayan River, expected to be operational

## Green Hydrogen Opportunity:

Investment potential in hydrogen production from renewable sources

## Green Kalimantan Industrial Estate:

30,000 hectares allocated by the government for sustainable industry development

## Renewable Energy Expansion:

- Micro Hydro & Pico Hydro for river communities,
- Off-grid solar power for villages,
- Smart city infrastructure for the New Capital City (IKN)
- Biomass alternative energy such as elephant grass

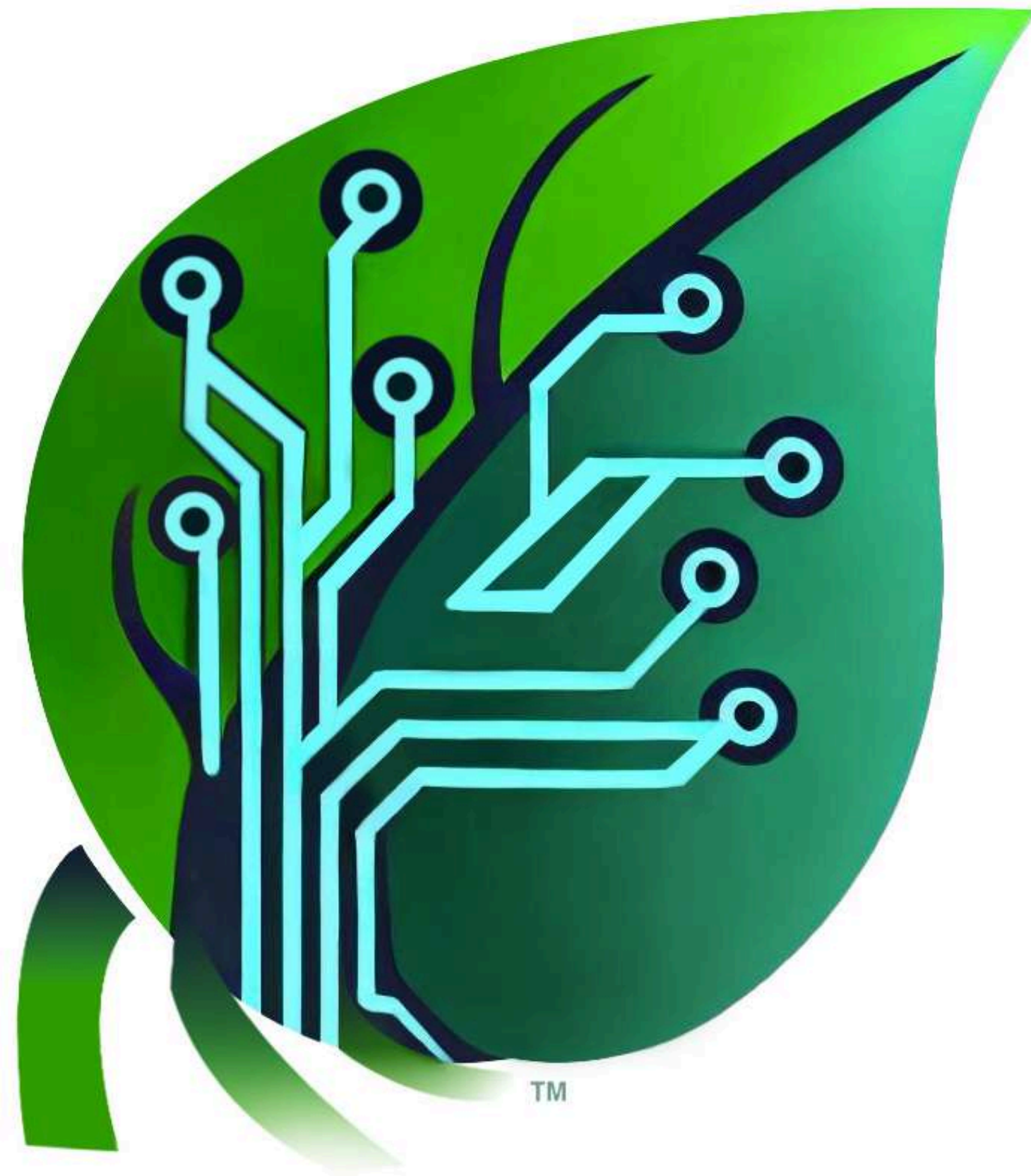
# INNOVATIVE INFRASTRUCTURE FOR A GREENER TOMORROW

Kayan is not just about conservation; it's about transforming rural communities through technology:

- Providing Internet to 200+ villages
- IoT-based environmental monitoring for data-driven decisions
- Advancing smart education, healthcare, and agriculture
- Developing renewable energy solutions, from solar to micro-hydro
- In collaboration with Pro Natura International, aligning infrastructure with ecological sustainability and community-driven development

**These initiatives enable communities to thrive while enhancing the region's climate resilience.**





# TEAL - KAYAN PARTNERSHIP

Kayan has partnered with Teal, an advanced ecological and financial technology platform, to revolutionize nature-based asset management:

01

## Data-Driven Insights:

Integrating on-ground sensors with geospatial imaging to ensure accurate asset verification

02

## Blockchain Integration:

Creating transparent and immutable records for tokenized environmental assets

03

## Market Integration:

Facilitating SEC-compliant digital trading of carbon and biodiversity credits

This partnership enhances data accuracy, financial accessibility, and long-term ecological impact.





# STRATEGIC ALLIANCES FOR MAXIMUM IMPACT

Kayan's success is built on strong collaborations with:

- Kayan International – Exclusive Concession Holder
- PT BUM Desa Indonesia – Local Operations Partner
- North Kalimantan Government – Policy & Development Support
- Pro Natura International – Ecological Development Partner

Together, they enable global reach and on-the-ground success.



# TRANSFORMATIVE IMPACT & GLOBAL LEADERSHIP

The Kayan Project is set to redefine conservation finance:



**Blueprint for large-scale environmental projects**



**Scalable conservation model applicable across Southeast Asia**



**Significant socio-economic contributions: Jobs, education, and technological development**



**Driving the future of nature-based finance & biodiversity investments**

With government backing, private investment, and cutting-edge technology, Kayan is leading the transition to a sustainable, profitable green economy.





# CONCLUSION

**Kayan is more than a conservation project**—it is a model for the **future of sustainable finance**.

Through its combination of technology, economic innovation, and environmental stewardship, it is paving the way for a new standard in climate-conscious investment and development.



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