INOVAÇÃO EM FINANÇAS REGENERATIVAS

# TRANSFORME A CONSERVAÇÃO AMBIENTAL EM ATIVOS DIGITAIS!

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# GFT-01 – LAGO DO JATIMANA

**Projeto GFT-01 cria e comercializa tokens ESG lastreados em serviços ecossistêmicos no Vale do Javari, Amazonas.**

**Geo Forest Token**

# Area Characterization

## GFT-01 Jatimana Lake Project

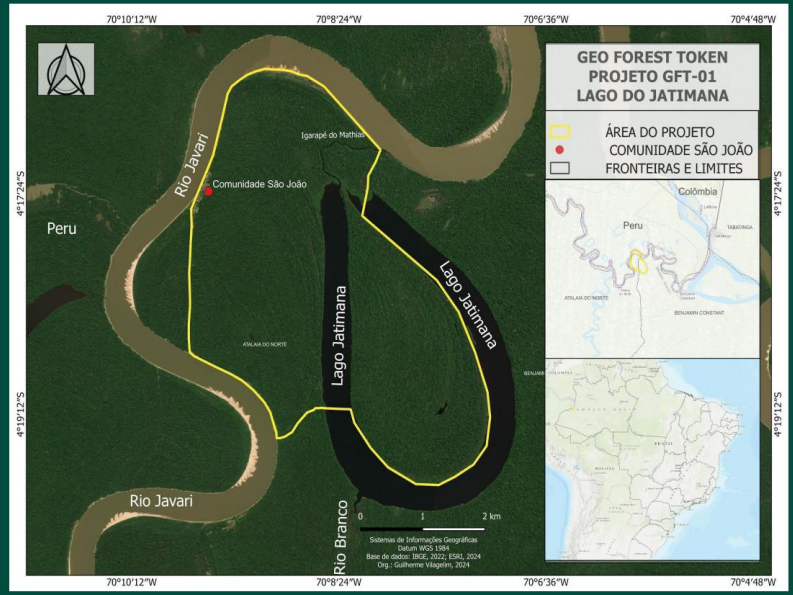
Creation and commercialization of ESG digital tokens backed by ecosystem services generated annually on 1,800 hectares of land on the **CONCEIÇÃO property.**

### Location

- Border between Atalaia do Norte and Benjamim Constant, Amazonas
- Coordinates: 4°18'49.3"S 70°07'39.6"W
- Javari Valley region, far west of Amazonas

### Physiographic Characteristics

- **Hydrography:** Dense network with rivers Javari, Itacoaí and Curuçá
- **Relief:** Alluvial plains and low plateaus (50-150m)
- **Climate:** Humid equatorial (24-32°C), +2,500mm rain/year
- **Vegetation:** Dense Ombrophilous Forest




## Ecosystem Services Provided

**SUPPLY**

Food

Water supply

Medicinal resources

**REGULATION**

Climate regulation

Water purification

Biological control

**HABITAT**

Lifecycle maintenance

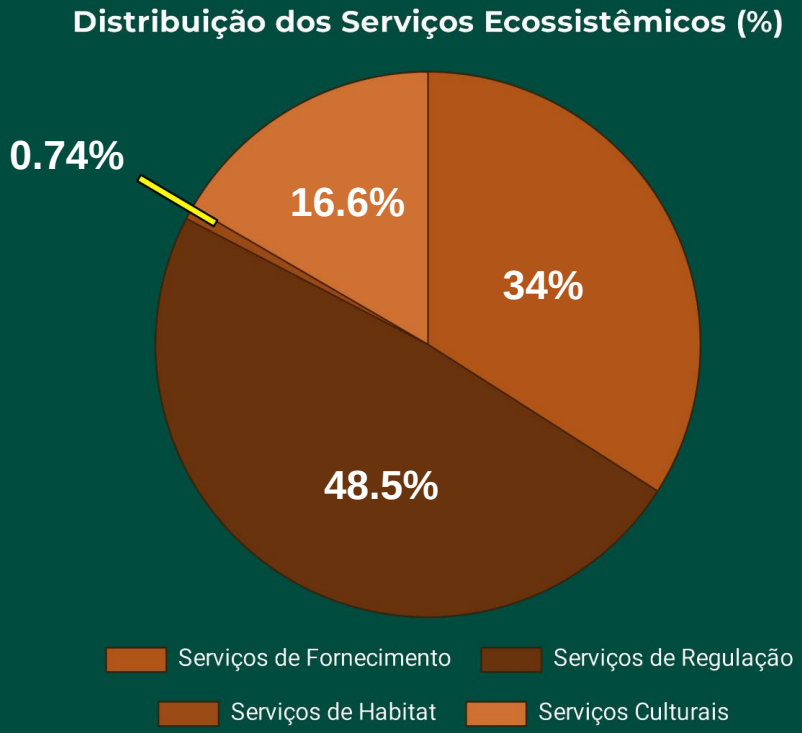
Genetic diversity

**CULTURAL**

Recreation and tourism

Cultural values

# Area Details and Ecosystem Services




## Hydrography

The Javari, Itacoaí, and Curuçá rivers form a vast water network that provides essential water supply and regulation services.

## Climate

Humid equatorial with high humidity (>80%) that favors dense vegetation cover, acting as a global climate regulator.

## Vegetation

Dense Ombrophilous Forest with species such as chestnut, rubber and copaiba trees, providing habitat and nutrient cycling.

## Communities

Various indigenous peoples and traditional communities that provide cultural services such as recreation and tourism.

# ESG Digital Asset Tokenization Methodology

## Tokenization Process

Detailed and technological structure to ensure the reliability and traceability of ESG digital assets.

**Legalization and Due Diligence**

1 Ownership verification, legal restrictions check, and owner authorization.

**Georeferencing**

2 Mapping the area with geotechnologies and dividing it into polygons of 1 hectare each.

**Cryptoasset Identification**

3 NFT (Non-Fungible Token) of the RWA (Real World Asset) type for biodiversity conservation.


## GFT Features

**Blockchain:**

Transparent and verifiable recording of transactions

**Ballast:** 1 hectare of forest preserved per year

**Function:**

Maintenance of ecological functions (carbon sequestration, protection of fauna and flora)

**Value:**

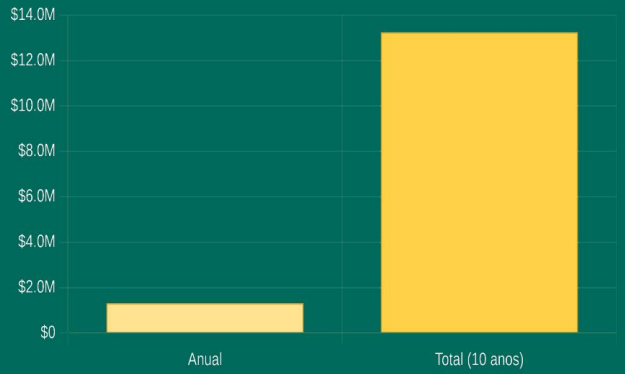
US$ 737 per hectare/year

# Valuation and Technological Development of GFT

## Token Valuation

- **Unit price:** US$ 737 per hectare/year
- **Tokens per year:** 1,800 GFTs
- **Contract duration:** 10 years
- **Total tokens:** 18,000 GFTs

## Estimated Revenue





## Technological Development

### Blockchain

Ethereum (ERC-721)

### Smart Contract

Token issuance, sale, and tracking management with immutable metadata registry

### Minting (Issuance)

4-step process: georeferencing, metadata creation, blockchain registration, and distribution

### Governance and Compliance

Independent smart contract audits and ecosystem services validation

# Sustainability and Natural Resource Use Plan

## Purpose of the Plan

Set of strategies to conserve the property's biodiversity and promote sustainable production activities.

## General Objective

Create biodiversity conservation strategies for the project area.

## Specific Objectives

- Issue quarterly environmental monitoring reports
- Promote sustainable projects
- Develop a protocol to prevent forest fires and illegal occupation

## Justifications

- Continuous monitoring allows early identification of threats to biodiversity
- Sustainable projects reduce pressure on predatory exploitation
- Fire prevention and illegal occupation maintain the integrity of natural areas
- Integrated actions contribute to a proactive and sustainable conservation model

# Sustainability Plan Methodology

## Environmental Monitoring

Use of geotechnology (satellites, drones, sensors) and field data collection for continuous monitoring of 1,800 hectares. Data recorded on blockchain for transparency and traceability.

## Sustainable Tourism - Jatimana Lodge

Implementation of ecotourism with sustainable infrastructure, conservation-related experiences, and local community empowerment. Integration with ESG digital tokens for environmental compensation.

## Fire Prevention and Illegal Occupation

Specific protocol to prevent and combat forest fires and illegal occupations, maintaining the integrity of natural areas and protecting biodiversity.

## Expected Benefits

- Biodiversity conservation
- Local income generation
- Transparency for investors
- Protection against degradation


Geo Forest Token