

**01 BRIEF DESCRIPTION OF THE PROJECT**

The BCSA is an innovative initiative that aims to tokenize the environmental services associated with annual açai production in the state of Amazonas, using the concept of Payment for Environmental Services (PES). Each token will represent a fraction of the ecological and economic value of Amazonian açai, issued in the form of NFTs (non-fungible tokens), backed by an estimated annual production of 110,000 tons. The aim is to build a digital platform that connects local producers with investors interested in offsetting emissions and investing in regenerative environmental assets.

**02 JUSTIFICATION AND OPPORTUNITY**

The Amazon is one of the most strategic ecosystems on the planet for climate balance and global biodiversity. However, socio-biodiversity production chains still operate in conditions of economic undervaluation and invisibility in the financial market.

With the advance of blockchain technologies and the growing demand for green assets and carbon offsets from companies and ESG funds, there is a concrete opportunity to transform the environmental services of the forest into digital assets of global value, guaranteeing a fair financial return to local communities and promoting environmental conservation.

Similar projects, such as the ForestiFi startup, demonstrate the potential of tokenization in valuing forest assets and attracting investment to the Amazon bioeconomy, in which the startup.

**03 INVESTMENT NEEDED**

The project seeks to attract institutional and private investment for the construction of the technological platform and the legal and financial structuring of the tokenization system, involving:

**Estimated Initial Investment: R\$ 5 million**

- Development of the NFT Platform and Blockchain Infrastructure: **R\$ 2 million**
- Legal and Accounting Structuring of Digital Assets: **R\$ 1 million**
- Validation and Certification of Environmental Services (PES): **R\$ 1 million**
- Community and Stakeholder Engagement Campaign: **R\$ 1 million**

**04 EXPECTED RETURN****Estimated Annual Revenue:**

- Annual Açai Production: **110 thousand tons**
- Value per token (representing 1 ton): **R\$ 1.500**
- Annual Gross Revenue: **R\$ 165 million**

**Recipe template:**

- Committee on Transactions: **5% of token sales**
- Technology licensing: **Partnerships with other production chains**
- Valuation of Tokenized Assets: **Appreciation of tokens on the secondary market**

**Financial indicators:**

- Payback: **Approximately 2 years**
- Internal Rate of Return (IRR): **Estimated at 45% per year**
- OPEX (Annual Operating Costs): **R\$ 2 million**
- CAPEX (Initial Investment): **R\$ 5 million**

**05 SOCIAL AND ENVIRONMENTAL IMPACT****Environmental:**

- Forest Conservation: Valuing ecosystem services
- Sustainable Management of Açai: Encouraging sustainable practices
- Climate Change Mitigation: Reducing emissions through preservation

**Social:**

- Generating Fair Income: Financial benefits for extractive communities
- Strengthening Local Production Chains: Regional economic development
- Economic Sovereignty of Forest Peoples: Empowering local communities

**CONTACTS**

**More information about this and other projects:**

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