

[www.tupan.io](http://www.tupan.io)

# Whitepaper

FEB2025 v.2.0





# SUMMARY

- 04.** Introduction
- 05.** Founder's Letter
- 06.** Our mission
- 08.** Status Quo of Tokens
- 09.** Enter Tupan
- 08.** The Future
- 10.** The Market: Carbon Credits
- 14.** Utility of \$TCT
- 15.** Tokenomics
- 16.** Tax Structure
- 17.** Roadmap
- 19.** Blockchain
- 24.** Partners | Team | Social Media

# Disclaimer

It's paramount to clarify the characteristics of the \$TCT to avoid misconceptions and/or misinformation. It's a reward token for those who buy the minting products in general, thus the purpose of the \$TCT is to play the role of a utility token, being used to be both traded in the market and/or traded for CO2 certificates. So we EMPHASIZE the token in question (\$TCT) has no guarantee of valuation, everything shown in our whitepaper is projections based on a carefully built economic business plan, therefore we as an organization take no responsibility over the fluctuation of prices or volatility of the market.

Although this token aims to aid the Amazon rainforest with its pro-bio-economy projects in a sustainable economic environment, the TOKEN itself is not regulated by SEC, it does not represent a share of the investment fund, it does not have dividends, and a token with own purpose and characteristics. This means the \$TCT follows the same guidelines as any regular token in the market it's in.





# Introduction

**W**elcome to Tupan's whitepaper. To guide you through our goals, strategies, and visions we must first clarify that our whitepaper is by no means an official contract and therefore subject to change depending on shifts in the market, the world, and the project itself.

This document has the purpose of providing you with the core information regarding the purpose of the token, tokenomics, its blockchain, utility, and an overview of the real-life assets connected to it. Keep in mind there is always additional information on our social media and communication platforms, on our website, and at the end of this paper.

# Founder's Letter

**F**ounder and manager of Fintech in Brazil. In the United States, banker, founder, and manager of three investment funds. “Over time, I was able to understand the market dynamics and demands and the direction that humanity was heading. I realized that there was a market gap that had not been filled. Something that would provide innovation, technology, and regeneration”. Far beyond sustainability.

Particularly, I do not believe only in environmental awareness. I believe in the generation of wealth, employment, and income through social development with shared knowledge applied to the environment, in a regenerative way. I knew I would have the courage to innovate, but it is never easy to do differently. The Tupan project was born out of the urgency to create revolutionary initiatives that provide positive gains in all their ramifications.

We are breaking the barriers of financial engineering to bring, to the ordinary investor, the possibility of making a difference in the world. Tupan unites blockchain technology with the tools needed to foster the regenerative circular bio-economy. The purpose is to bring an easily accessible and high-potential token so that everyone can participate in the transcendent movement toward the regeneration of humanity.

Tupan's vision for the future places it as a reference in the global digital asset market ESG (Environmental, Social, and Governance). It was born to transform humanity and generate positive gains at all scales. “I thank you all for making this dream come true, let's do it together!”





# Our Mission

**W**e cannot address the issue of climate change and the countless manners in which mankind has been mindlessly exploring nature for profit without a rather down-to-earth analysis. First of all, “How did we end up like this?” should be the first question we ask ourselves to understand the problem. For the longest time companies produced and grew, not for a moment thinking about the toll they were taking on nature, using whatever methods they would see fit to keep the profit rate going up. During the rise of the 21st century, none other than the consumer started noticing the negative effects this relentless exploration was taking on the planet for future generations to deal with, thus demanding that companies and governments not only change their methods but also raise awareness over the subject.

Even with this in mind, the process of re-adjustment of companies throughout the years was slow, and the concept of environmental preservation and regeneration was subjective and, at the time, not at all profitable for companies. There is no such thing as reducing profit to save nature out of the kindness of the hearts of CEOs all over the world, the methods had, and still have to be both environmentally sustainable and profitable, otherwise, it’s not monetarily sustainable.

One of the methods created for companies to regulate their emissions was the CO2 certificates, which meant a company that detained this prevented the emission of a certain amount of CO2 to the environment. And this would be a key part of the regeneration of the planet, the monetization of regeneration.



# Tupan Token: Technology, Purpose, and Real Impact in a Three-Sided Currency

The Tupan Token is more than just a token; it represents a revolution where technology, real impact, and purpose converge to transform the world. By bridging the digital universe with the real economy, it fosters sustainable development in a tangible and innovative way. The Tupan Token is built on three key pillars: Sustainable Development Goals (SDGs), Decentralized Finance (DeFi), and real asset backing. It contributes to balanced and globally responsible growth, fully aligned with the UN's 2030 Agenda. Through DeFi, it democratizes access to financial services worldwide, ensuring security, efficiency, and transparency by eliminating intermediaries and directing every transaction toward impactful goals. Each token is supported by tangible projects managed by the ForestAu Green Fund, delivering real value and socioeconomic impact. This unique combination makes the Tupan Token the ideal choice for investors who seek to align financial returns with technological innovation and positive impact.

Imagine a currency with three interconnected dimensions, each driving sustainable change. The social side focuses on people by supporting initiatives that enhance quality of life, food security, education, and entrepreneurship in communities

worldwide, all while aligning with the UN's Sustainable Development Goals. The environmental side ensures investment in preservation projects such as reforestation, circular bioeconomy, and clean technologies. Notable initiatives include Circular Bioeconomy in the Amazon, which promotes sustainable exports while empowering local communities, Tupan Food, which advances sustainable aquaculture and strengthens regional production chains, and Tupan Energy & Water, which develops disruptive technologies for energy and sanitation. The financial side of the Tupan Token goes beyond social and environmental responsibility by generating real and scalable financial returns. DeFi integration leverages decentralized finance to provide transparent and efficient access to financial services, while real asset-backed investments managed by the ForestAu Green Fund ensure that digital value is directly tied to the real economy. Additionally, the Tupan Drone represents a high-tech, efficient aircraft designed for various applications.

The Tupan Token offers global impact, transforming investments into real-world actions aligned with the UN's SDGs. It provides security and transparency through blockchain and smart contracts, ensuring seamless execution and

reliability. Sustainable innovation is at the core of Tupan, positioning it within a digital economy that meets the challenges and opportunities of the 21st century. With tangible value, investors can confidently invest in an asset backed by real impact projects. Join the global revolution and visit [tupan.io](https://tupan.io) to turn your investments into real impact.

The Tupan Token seamlessly merges advanced technology with solid economic principles, creating a sustainable, secure, and profitable digital asset. Operating on blockchain, it uses smart contracts to automate transactions, ensuring traceability, eliminating intermediaries, and reducing costs. This efficiency makes it a standout player in the DeFi market. Unlike speculative tokens, Tupan is supported by tangible assets such as reforestation initiatives, clean energy, and sanitation projects, connecting the digital economy with the real world and ensuring long-term stability and investor confidence. The Tupan Token's economic model is designed for sustainability, using an innovative tax buy and tax sell system that generates a consistent and scalable return flow. Its financial structure transforms socio-environmental impact into profitable opportunities, aligned with the UN's SDGs.



# The status quo of Tokens.

In 2009 the first token to see the light of day was created, Bitcoin. Its premise was simple, to make a secure method of storing a currency without the uncertainty of your assets under the responsibility of a centralized and unreliable organization such as the government, and also enabling you to transfer your digitalized currency from one end to another, allowing even for international trading with cheaper fees. A plethora of other tokens were created in the following years, as well as blockchains, bringing options to the market, and although upcoming blockchain technology has a wide variety of impressive structures and concepts, for a few years it had one major issue that caused skepticism from society.

What is the purpose of a token stored safely that in practicality had no real use? There was no real applicability, the option of converting it into a currency of choice, but no means of using the token itself for anything other than trading, until very recently with the NFT boom. But buying some NFTs was still buying something within the crypto realm, which means the asset had its value based on speculation alone. Its worth is based on how much someone is willing to pay for it at the time, and the estimated valuation for the owner to re-sell it with the same purpose in mind.





# Enter Tupan

**T**upan was born out of the realization that we need to aid the environment but we can earn while doing so, which is not only the most realistic approach to preservation, but the only financially sustainable option.

There is a big share of the market that wants to invest in green projects and CO2 certificates but is met with unnecessary bureaucracy, which is something that can be mitigated with the practicality of the revolutionary blockchain technology. That share is the regular person, the ones who not only want to be able to provide wealth for our future generations but also want them to be able to breathe fresh and clean air in a sustainable environment. Those who want their children to see the beauty of our forests from a stable and wealthy foundation.



---

# The Future

**W**hat we seek doesn't stop on CO2 certificates, we're constantly working on new kinds of certification that not only measure gas emissions but quantify the overall contribution to the preservation of our environment through a series of new criteria with all the SDG's guidelines in mind.

Our purpose is to expand on the methods we can earn by fomenting the circular bio-economy, to properly aid our environment and the communities of the Amazonia which is full of hardworking people, drawing the attention of both visionary investors and companies to a great green future, in all senses of the word. The end goal is to provide solid real-life projects to back our token value in dependable assets. Tupan will not settle for anything less than being the number-one reference in profitable and sustainable preservation for years to come.



# Carbon Credits

**A**midst the chaos of the 1980s events, the first concepts of carbon offsetting were starting from scratch, mainly within the realm of voluntary actions of newly started NGOs as they would not only direct the criteria for the reduction of GHG (greenhouse gas) emissions but also put the subject on the map and pressure organizations to take action.

The officialization of the carbon credit emission certificate emerged in the late 1990s within the Kyoto Protocol as part of the CDM (Clean Development Mechanism) program to suppress the erratic wave of pollution taking place in the world, caused by the mass emission of CO<sub>2</sub> (carbon dioxide), which is the greatest responsibility for the greenhouse effect, but this time, properly regulated and with set guidelines.

Thus the market would be separated into two different categories: Mandatory and voluntary



# The Voluntary carbon credit market

**T**he voluntary market as the name implies, is not mandatory, which means there are no limitations imposed by law for the amount of carbon and overall pollution companies can release airborne. Therefore the reasoning behind the acquisition of carbon credits lies in two major factors from a business standpoint:



## 1.

Marketing and social “regulation”: Even though several countries don’t have their carbon emissions regulated by their respective governments yet, society is very vocal about their disapproval of uncontrolled and irresponsible emissions, as well as overall pollution and non-regenerative exploitation of our natural resources.

## 2.

Financial results: By offsetting their carbon emissions, companies can re-direct what was spent with the offset into the pricing of their final product, thus giving them reasoning for a slight raise without diminishing sales volume.

# The regulated (compliance) carbon credit market.



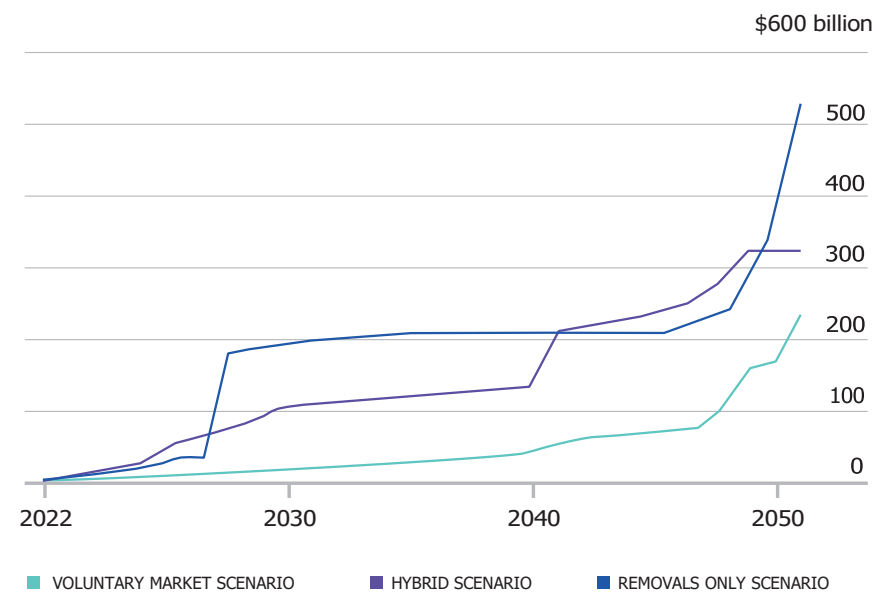
The Compliance CO2 market is regulated by international, regional, and subnational carbon reduction schemes, such as the previously mentioned Clean Development Mechanism of the Kyoto Protocol and the European Union Emissions Trading System (EU-ETS). CO2 emissions are measured in carbon credits.

The carbon credit that is traded in the regulated market is the Assigned Amount Unit (AAU). Each signatory country under the Paris Agreement has a nationally determined contribution, which is the different levels of anthropogenic equivalent emissions of carbon dioxide from greenhouse gases. Each signatory country agreed to limit the greenhouse effect. Each country receives one AAU for every ton of greenhouse gases it commits to limiting.

To ensure that real and measurable emission reductions are achieved, designated operational entities (validators and verifiers) must validate emission reductions for projects before they can offer carbon credits on the market.

## Huge Potential

The value of the carbon offset market could top \$500 billion in 2050



Source: Bloomberg NEF

# The utility of the \$TCT.

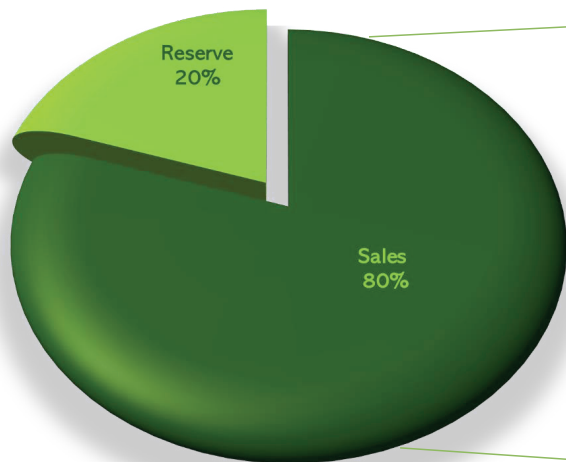
**T**he \$TCT token is the cornerstone of Tupan's innovative ecosystem, seamlessly combining sustainability, blockchain technology, and investment opportunities. Each \$TCT token is directly backed by carbon credit certificates managed by the ForestAu Green Fund, ensuring transparency and realworld value.

When businesses or investors purchase carbon credit certificates through Tupan, they receive an equivalent amount of \$TCT tokens. These certificates, securely held by the ForestAu Green Fund, allow token holders to either redeem them for official certification or retain the tokens as an investment. This dual functionality creates a unique opportunity for both sustainability and financial growth.

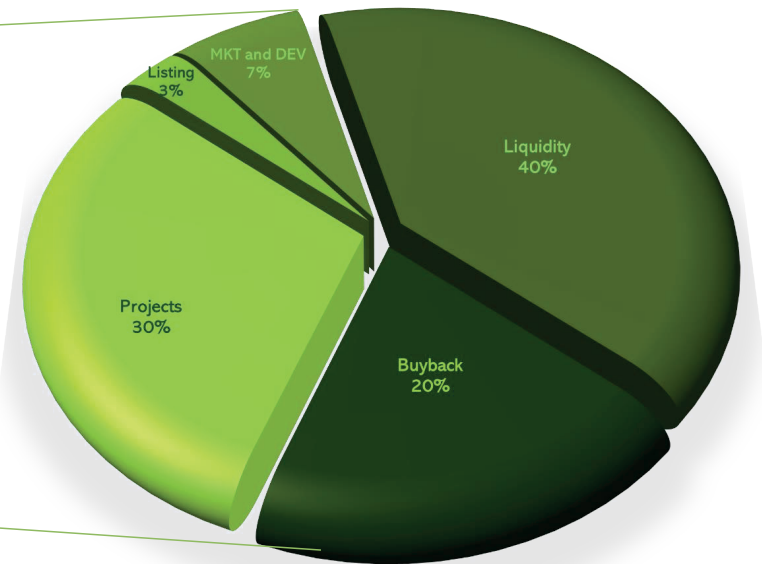
Additionally, \$TCT transactions are processed on the blockchain, offering a fast, secure, and decentralized payment method. This ensures global accessibility and fosters trust through transparency. For those seeking passive income, Tupan offers an exclusive NFT that rewards holders with 1.8% on every \$TCT transaction. This innovative approach incentivizes token use while providing ongoing financial benefits to the community.

By linking \$TCT tokens to carbon credits, Tupan drives demand within the digital market, benefiting token holders, businesses, and the environment. With \$TCT, sustainability becomes an investment, empowering everyone to support a greener, more prosperous future.

# Tokenomics



- Sales
- Reserve



- Projects
- Listings
- MKT and DEV
- Liquidity
- BuyBack



### **TAX Structure: Rewarding and Strengthening the Ecosystem**

Each transaction involving the token—whether buying or selling—is subject to a fixed 4.9% fee, strategically designed to promote the sustainability and growth of the ecosystem.

#### **How Are the Fees Distributed? • Reflection (1% BNB):**

A portion of the fee is converted into rewards distributed directly to holders in **BNB**, ensuring passive income just for holding the token.

- **Auto Liquidity (1%):** This portion goes directly to the liquidity pool, strengthening price stability and enhancing the transaction experience.

- **Auto Burning (1%):** Tokens are automatically burned, reducing the circulating supply and creating a deflationary effect that contributes to the token's appreciation.

- **Team (1%):** This portion supports the ongoing development of the project and operational maintenance, ensuring its long-term evolution.

- **NFT (0.9%):** A part of the fee is allocated to fund innovative NFT-related initiatives, encouraging community engagement and new market opportunities.

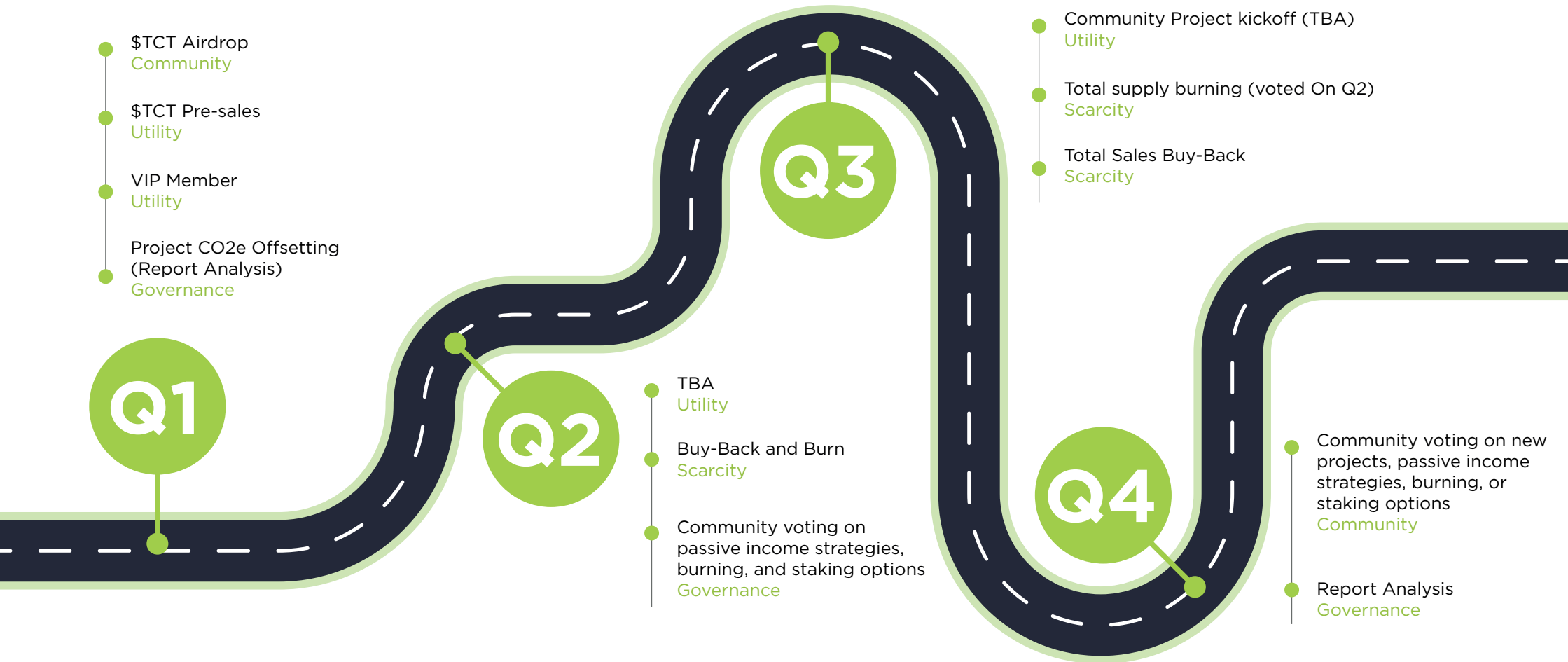
#### **Why Does This Matter?**

This fee structure not only directly benefits holders through rewards and appreciation but also sustains a healthy, attractive, and innovative ecosystem. By aligning incentives among participants, the strategy ensures balanced and sustainable growth for everyone involved. With this approach, each transaction contributes to strengthening the project and offers tangible value to holders and the community.



# Roadmap

● 2025



Yearly: Community-Driven Decisions

Community-driven decisions on important matters. Scheduled voting rights in each quarter for significant decisions.

Note1: We will announce each event in advance on our social media and website

Note 2: The Founders, advisors, and team designed this roadmap considering:

- Develop resources in time
- "achievable" milestones
- standard market conditions
- aligned to the community needs/preferences
- continuously updating and adjusting when necessary
- clear and transparent communications to the community
- feedback and suggestions from the community



# Blockchain

**D**uring the last decade, our society has witnessed the creation of the first concepts of blockchains and cryptocurrency with skepticism at.

Still, as time passed, this technology has slowly but surely gained credibility through out the world disrupting the concepts of centralized currency. The decentralization of currency as well as the transparency, independence, and security provided by such an innovative technology started to create the tendency for everything to be tokenized and run on blockchain in the next few years.

# Blockchain and the environment

**B**lockchain technology in simple terms is a public immutable ledger that records the transaction of digital assets, its transparency makes it the most secure and trustworthy system to store your patrimony in since this “virtual ledger” does not run on a single system, making it so that no single third party owns it.

Blockchain technology enables a significantly larger presence in a plethora of environment-connected matters such as fundraising aimed at the energy transition, sustainable infrastructure financing, circular economy, and regenerative agriculture; all sustained by the possibility of monitoring and verification are benefits derived from this system.

Another possibility concerns the control and sharing of data on natural disasters and humanitarian aid, which brings security to the populations and efficient allocation of the necessary resources.

In addition to the advantages aforementioned, it adds value to financial services, data transparency, patent, and intellectual property management, the constitution of smart contracts, and the prevention of fraud, corruption, and money laundering.



# Binance smart chain

**B**inance is one of the largest and most popular cryptocurrency exchanges in the world. It provides a platform for users to buy, sell, and trade various tokens. One of the notable aspects of Binance is its support for different blockchain networks and token standards.

The Binance Smart Chain is a blockchain platform that operates parallel to the Binance Chain and is designed to facilitate fast and low-cost transactions.

Being on the BSC network means that Tupan Augreen follows a set of standards and protocols specific to the Binance Smart Chain. These standards ensure that users will be allowed to seamlessly interact with Tupan Augreen and transfer it across different wallets and exchanges within the Binance ecosystem.

Tupan Community Token can benefit from the advantages offered by the Binance Smart Chain, fast transactions, confirmation times, and lower fees compared to other blockchain networks. Being on Binance provides our token with exposure to a larger audience, a wide range of trading pairs, and accessibility.

Overall, Binance is a simple and easy-to-operate blockchain, offering a diverse range of tokens and providing a secure and user-friendly platform for cryptocurrency enthusiasts.



# Smart contract

In the world of cryptocurrencies, smart contracts function as automated agreements that independently execute and enforce specific terms. Operating on the blockchain, these contracts guarantee transparency.

The Tupan Community Token (\$TCT) relies on a specialized smart contract to streamline transactions and ensure the execution of specific operations within the Tupan ecosystem. This smart contract is constructed on the Binance Smart Chain, delivering fast and efficient transactions while maintaining a focus on security and reliability.

Smart contracts are appreciated for their capacity to eliminate intermediaries, establishing a trustworthy and automated environment. In Tupan's context, the \$TCT smart contract is crucial in facilitating efficient and secure operations within the regenerative circular bio-economy ecosystem.

The TCT smart contract information is:

0x5f61fc2302de5b5a7f5adf9741317178d9bc90

Decimals:6

Token Symbol - \$TCT



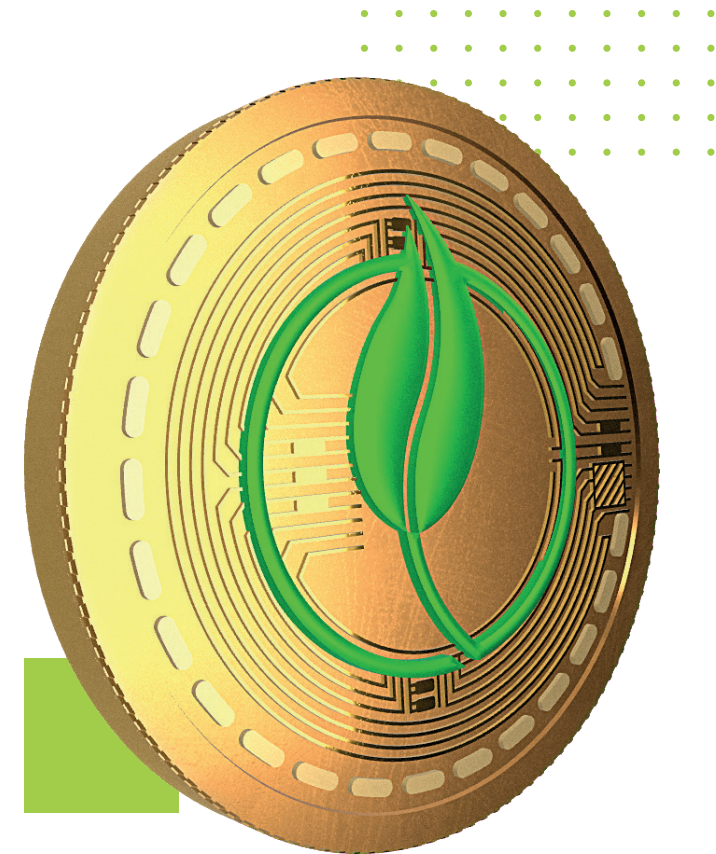
# Wallet and storage

In the realm of cryptocurrencies, your digital wallet serves as a secure vault for your assets. When dealing with \$TCTs (Tupan Community Tokens), the choice of a wallet becomes critical to ensure the safety and accessibility of your holdings. We highly recommend user-friendly wallets like X-Pay, Metamask or Trust Wallet, as they easily integrate with Binance Smart Chain, the chosen blockchain of Tupan's ecosystem.

For X-Pay wallet users the wallet is designed to operate exclusively as a web3-app, ensuring a secure, direct, and decentralized connection to your digital assets. Unlike traditional wallets, X-Pay comes with the \$TCT natively integrated, reducing the complexity of manual tokens additions and configuring to access all features of Tupan's ecosystem effortlessly. For enhanced account security, consider creating a strong password and enabling multi-factor authentication where available.

For Metamask users, it's essential to set it up to operate on the Binance Smart Chain network. Think of this as choosing the right place for your digital assets. Additionally, take the time to write down and securely store your recovery phrase offline.

Trust wallet user should ensure their setup is aligned with the Binance Smart Chain, creating a synergy that enhances the wallet's functionality within Tupan's ecosystem. Regular updates to the Trust Wallet app are crucial for strengthening the security features of your wallet, much like updating the locks on your front door. For an added level of protection, consider using biometric authentication and a password.



# Security Practices

**G**uarding your private key is extremely important. This digital key is the master key for protecting your assets. Keep it confidential, share it with no one, and be on the lookout for phishing attempts.

Avoid sharing this crucial information online or with unfamiliar entities. Think of it as the last line of defense, ensuring the continuity of access to your crypto assets.

By adopting these security measures, you ensure the safety of your \$TCTs, creating a secure environment for your crypto activities. Always prioritize vigilance, treating your wallet's security with the same diligence you would your physical assets.

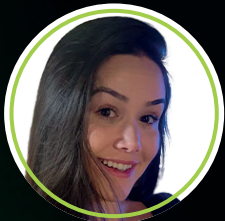




**Oderli Feriani**  
Founder



**Renato Zelioli**  
Environmental Engineer



**Gabi Feriani**  
Strategic Communication



**Caio Henrique**  
Crypto market advisor



**Richard Rasmussen**  
Environmental and Social Advisor



**Gabriel Carrara**  
Crypto market advisor



**Karol Feriani**  
CCO



**Alexandre Feriani**  
CTO



# Whitepaper

FEB2025 v.2.0



Disclaimer: This content is exclusively informative.

Number of control. 25.C.04.02