

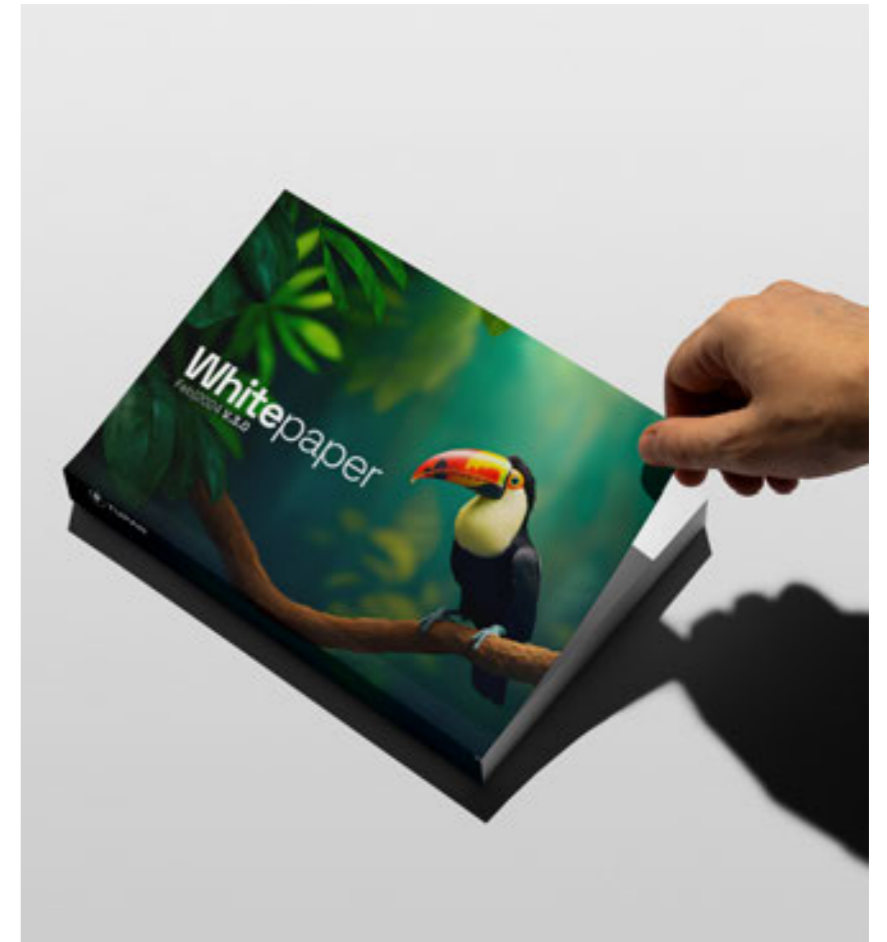
Whitepaper

Feb|2024 V.3.0



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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.

Welcome 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.

Founder 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.

We 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.

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.

Tupan 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.

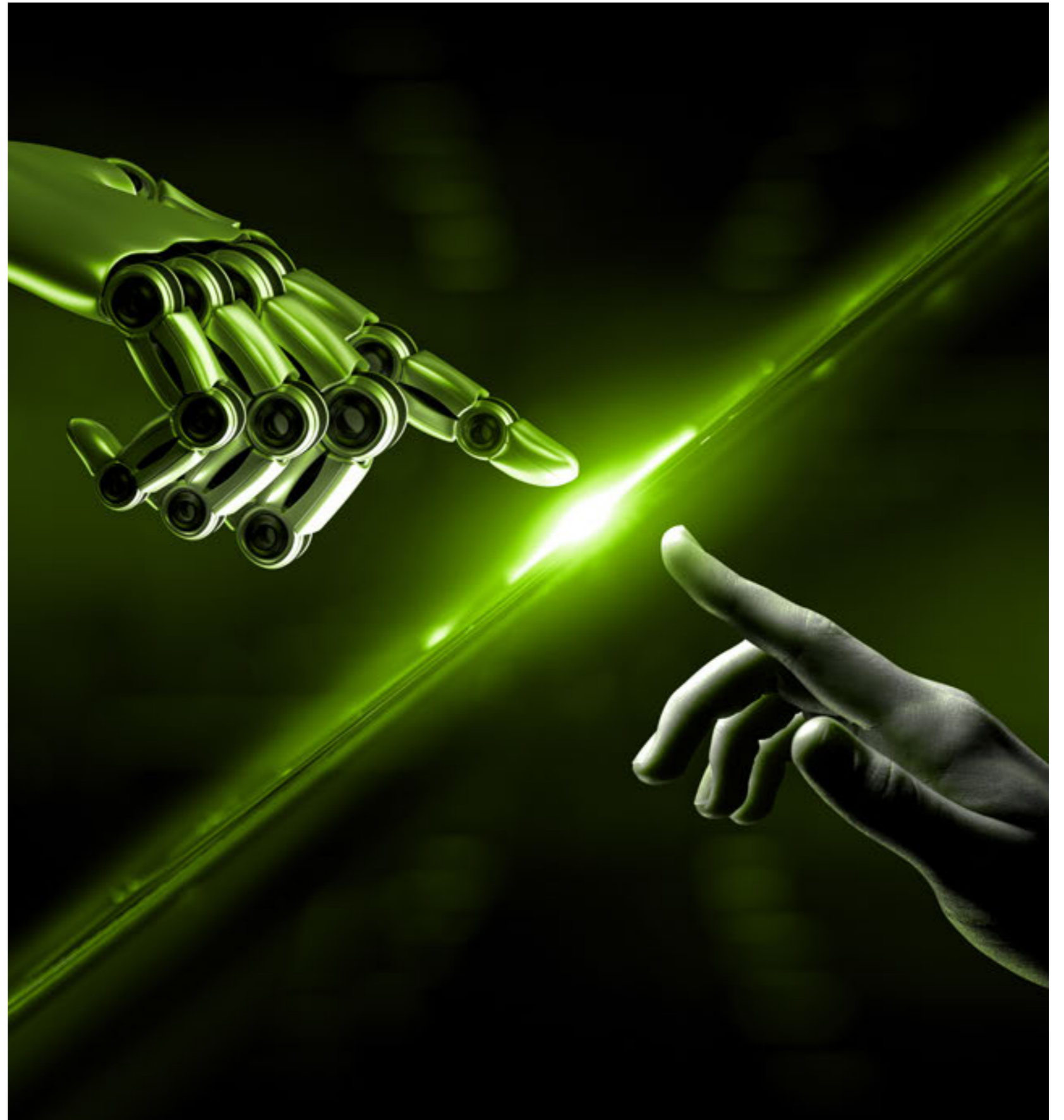
There is a big share of the market that wants to invest in green projects and CO2 certificates but is met with unnecessary bureaucracy, which is something that can be mitigated with the practicality of the revolutionary blockchain technology. That share is the regular person, the ones who not only want 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.

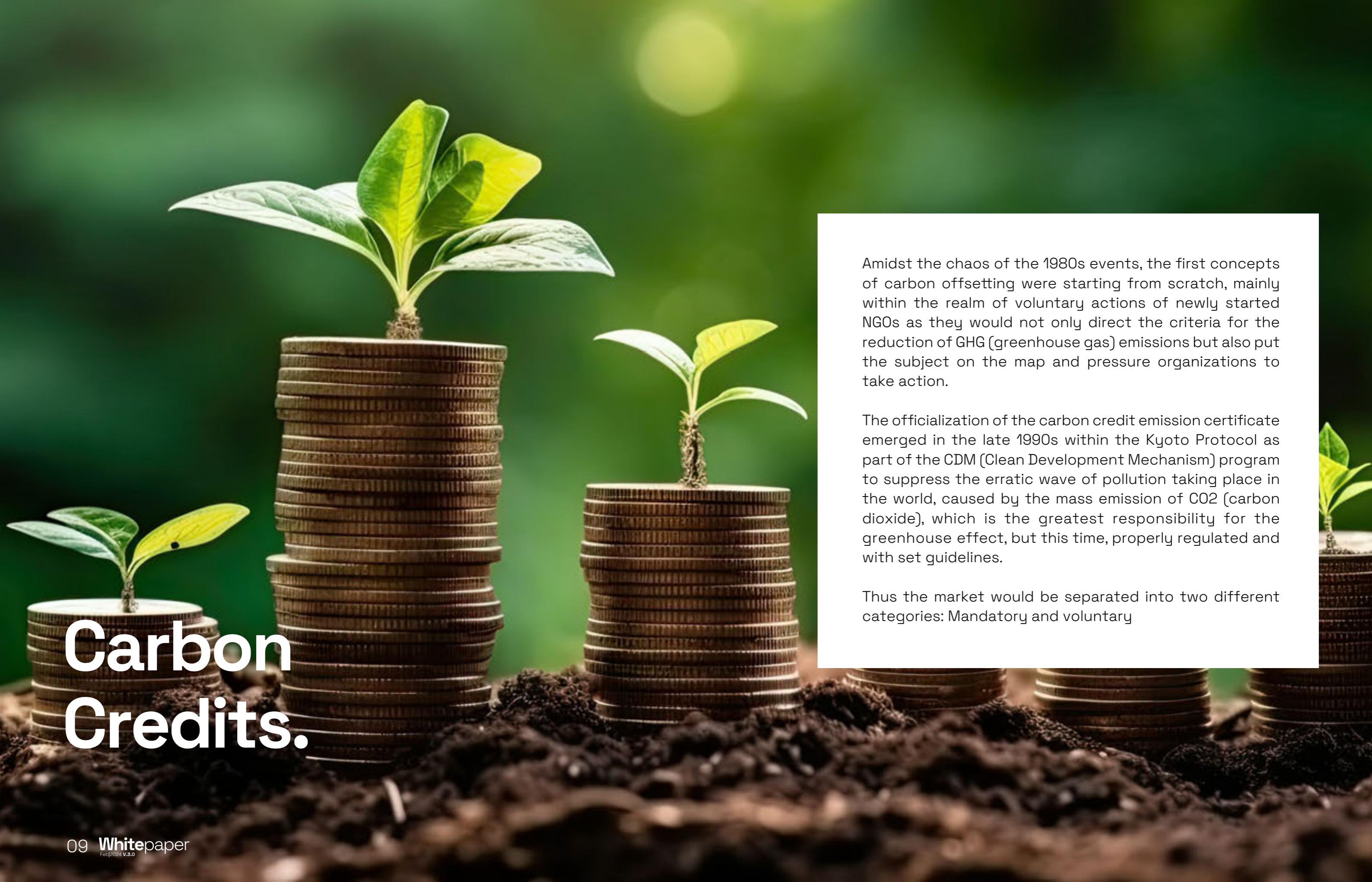


The Future.

What 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.

Amidst 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 CO₂ (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.

The 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.

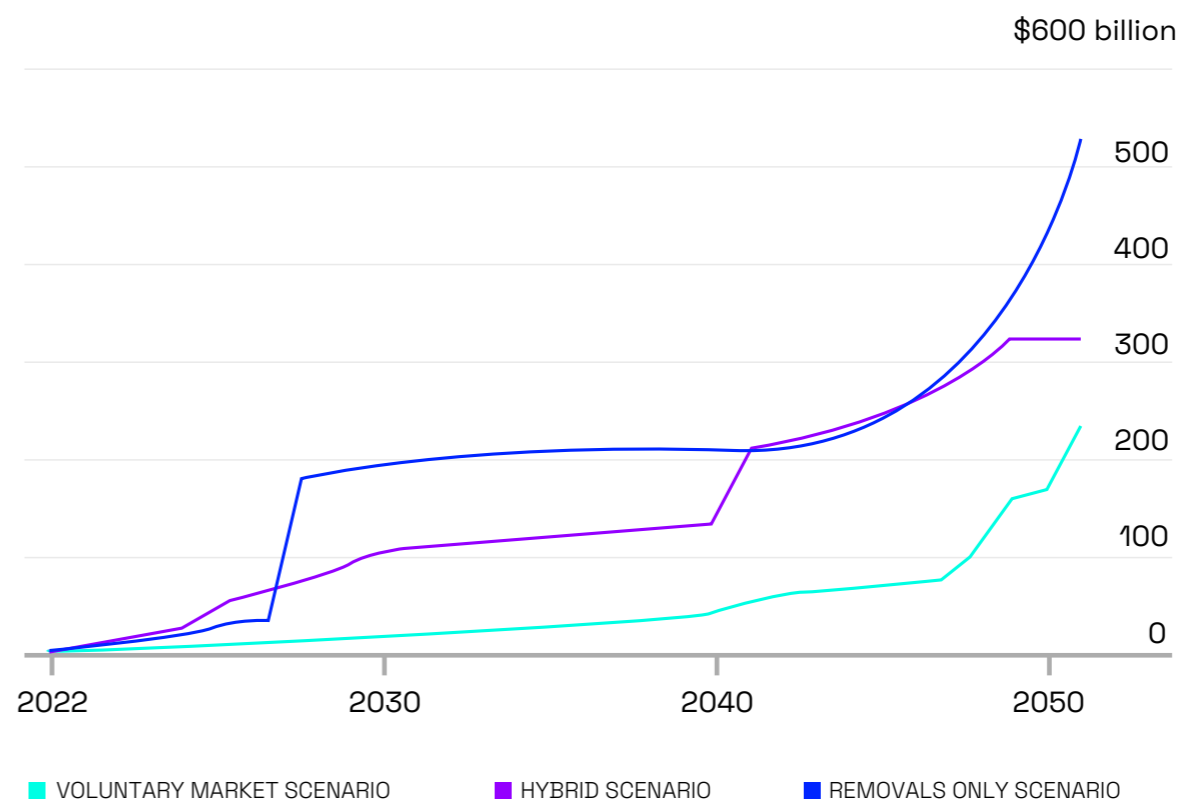
The Compliance CO2 market is regulated by international, regional, and subnational carbon reduction schemes, such as the previously mentioned Clean Development Mechanism of the Kyoto Protocol and the European Union Emissions Trading System (EU-ETS). CO2 emissions are measured in carbon credits.

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.

One of the options the Tupan community has apart from the conventional trading approach is directly acquiring their compensation certificates with the ForestAu Green fund, by paying the equivalent USD price for the certificate with TCT according to its current market price. Also aiming to encourage the usage of TCTs, ForestAu will apply a discount in its direct B2B transactions regarding the Carbon Credits if TCT is used as payment, using the same rule applied to the B2C market, in the form of retirement.

Tupan considers the current situation and not only meets the companies' demands for CO2 certificates, but also encourages the crypto market as well as the B2B at the same time, so both can be in a win-win situation, and complement each other so neither has to be limited to only one realm, crypto, B2B or B2C.

For this purpose, TCT is the tokenized representation of the value of CO2 certificates emitted by ForestAu Greens projects, as well as a utility token/ reward/ currency for various partner projects. So if you're staking, buying selling, or farming with the NFT staking, you're investing in the value of ForestAu CO2 offset within its projects. If you want to invest directly in the value of ForestAu Green and all the projects connected to it, then there is the possibility of acquiring the Tupan AuGreen security token through Tupan CO2 pools.



Tupan CO2 Pools.

Another essential feature of the Binance Smart Chain TCT is the CO2 staking at X-Pay, which is going to reward the community with Tupan AuGreen, the ForestAu Green Security token that holds the value of every project participating in the fund.

To be able to receive Tupan AuGreen as a reward, you'll need to acquire a specific NFT that allows you to earn a percentage of a specific ForestAu Green project based on the CO2 certificates emitted by it, and the amount of TCT Staked in this pool. Having a security token is the same as holding a percentage of the fund's shares, with an impressive amount of potential for the market valuation of the token, and considering the fund's fundamental values and work ethics. It's one of the easiest forms of acquiring a security token from the secondary market.

There will be regular staking pools that generate TCT, and CO2 staking pools that can only be activated with a specific Tupan NFT and an amount of TCT, and as a reward for providing liquidity to a specific project's CO2 offsetting, you'll be rewarded with Tupan AuGreen.

Tupan NFTs will be the gateway for the crypto community to the Tupan Augreen security token via the Xpay platform, there will be different Tupan NFTs for different investor profiles. These represent a digitized asset connected to the CO2 operation to aid and earn from ForestAu ESG projects.

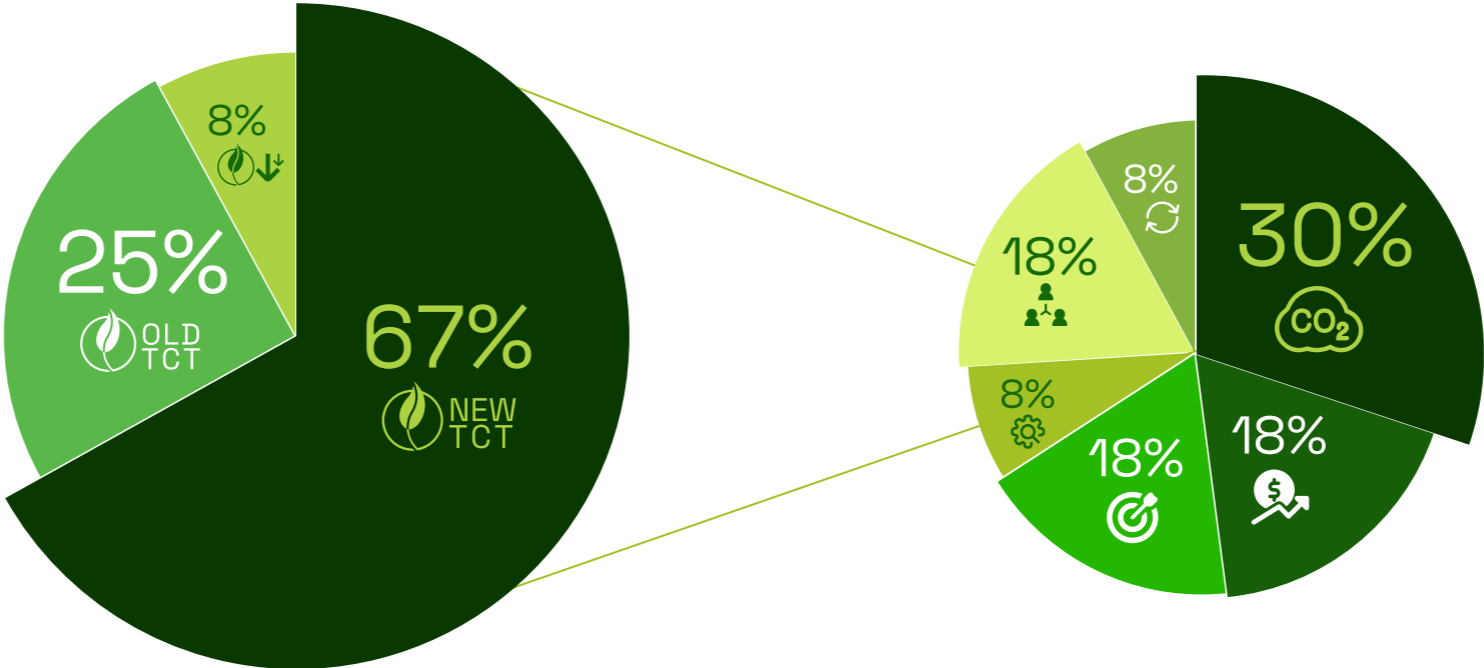
A number of NFTs will be available for a limited time and after they are sold, there will never be an NFT like it ever again. The next NFTs will have different ratios for AuGreen Farming, so the first NFTs will always have better ratios, and there will be extra benefits in events to come.

Why does Tupan reward you with Tupan AuGreen for staking your TCTs in the CO2 pools?

When you're staking your tokens in the CO2 pools, you're expressing your interest in investing in the CO2 certificate market by not only freezing your tokens for a determined time but also by acquiring an NFT.

This helps TCT to hold its value and also supports our project with funding, thus you're rewarded by our partners from X-Pay with their most valuable assets, ForestAu Green fund's tokenized shares, an asset that enables you to invest directly into their amazing projects.

Tokenomics

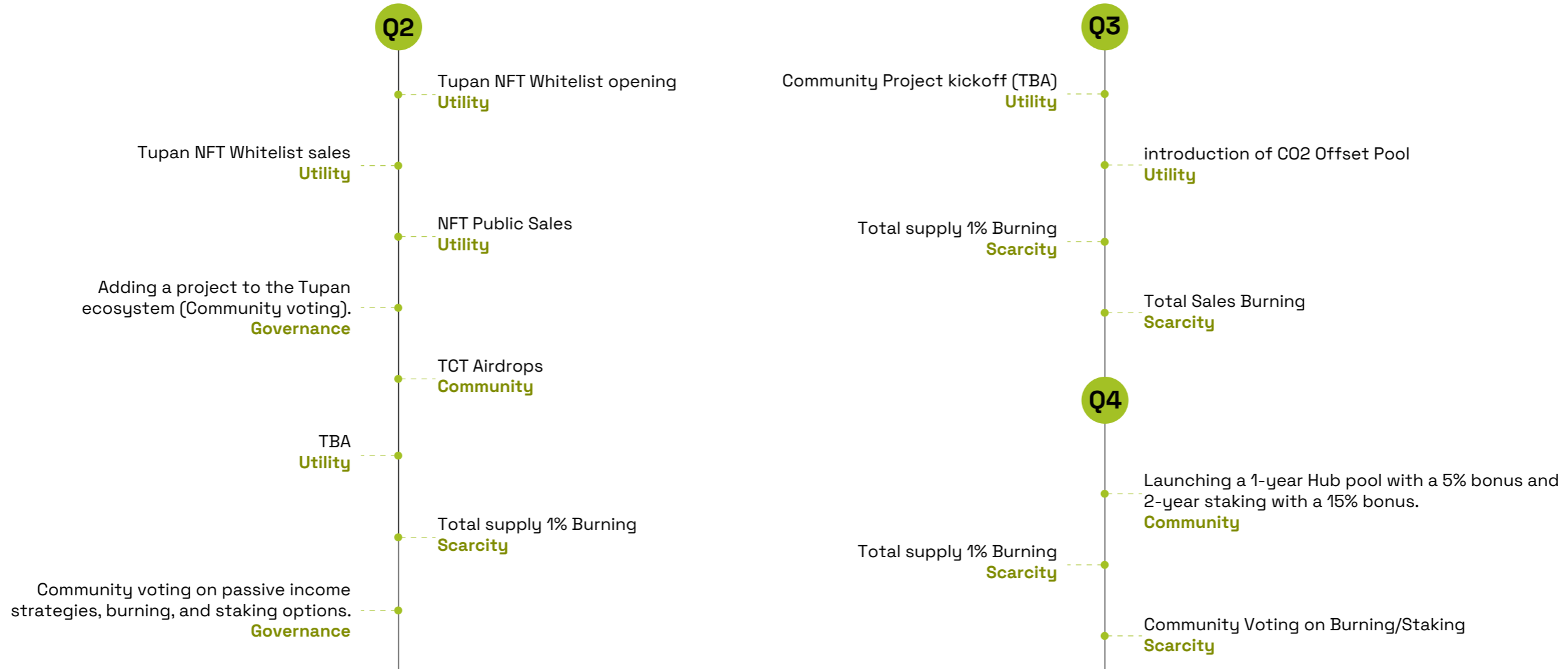


- New TCT
- Old TCT
- Reserved for Burning

- CO2
- Sales
- Marketing
- DEV
- Team
- Reserve

Roadmap

● 2024



Monthly: Buyback with BTC

Yearly: Community-Driven Decisions

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

Note 1: 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.

During 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 throughout 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.

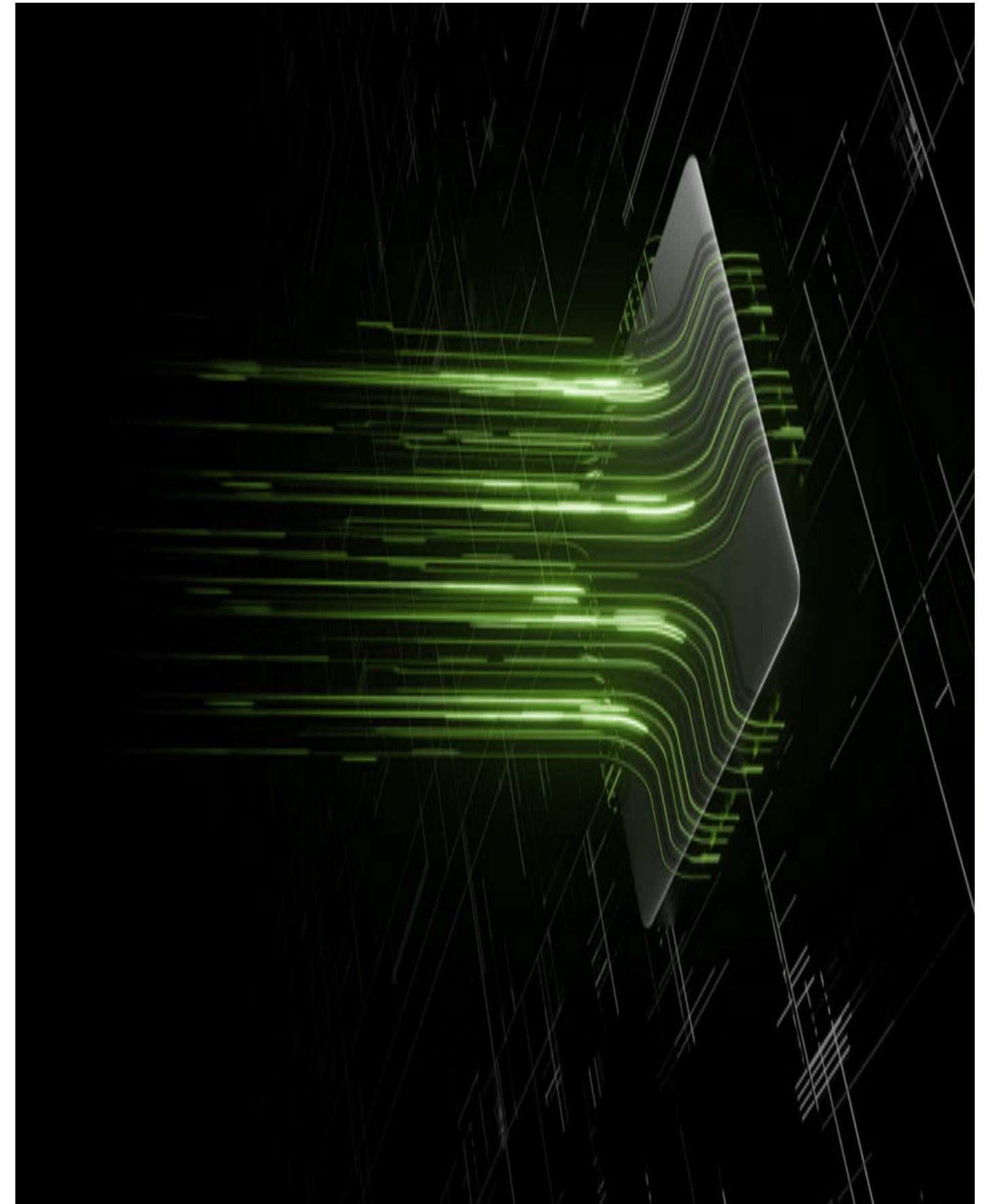
Blockchain and the environment.

Blockchain 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.

Binance 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:

0xcFBD98EBbfedae3FE70F56111382C4ca8d26D19

Decimals:8

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 Metamask or Trust Wallet, as they easily integrate with Binance Smart Chain, the chosen blockchain of Tupan's ecosystem.

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.

Guarding 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.



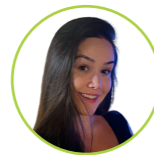
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