

December 2024

— — Whitepaper — —

TreeTherium

\$TREE

“tokenizing tree planting worldwide”





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Chapter 01

Introduction

TreeTherium, with its token \$TREE, is an innovative crypto token designed to support and enhance the global reforestation efforts, and other tree planting initiatives.

TreeTherium leverages blockchain technology to create a suite of tools that will facilitate the various aspects of reforestation, carbon sequestration and decarbonisation efforts, these include fundraising for projects, and tracking the growth and impact of planted trees, and engaging communities worldwide in tree planting activities.

Features and Functionalities

Transparent Fundraising: TreeTherium will enable transparent and secure transactions, allowing donors to see exactly how their contributions are being used to support tree planting projects.

Tree Tracking Token: Each tree planted will be represented by an NFT, enabling individuals to track the growth, carbon sequestration, and overall impact of their trees over time.

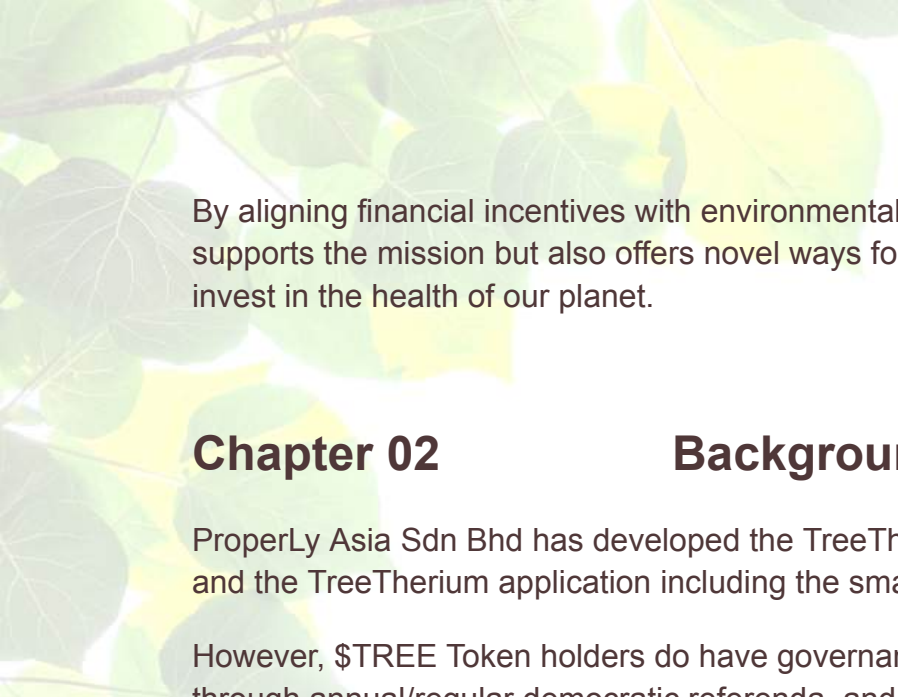
Community Engagement: Through the use of TreeTherium rewards individuals and organizations for their participation in planting activities, creating a more engaged and active community.

Decentralized Governance: TreeTherium has incorporated governance tokens in the TreeTherium DAO, giving the community a say in key decisions regarding the project's direction and the allocation of funds.

Sustainable Ecosystem: By tying the success of the TreeTherium Token to tangible environmental impact, it promotes a sustainable economic model that benefits both the planet and the token holders.

Implementation and Impact

The implementation of TreeTherium has the potential to revolutionize how environmental projects are funded and managed, offering a scalable and efficient solution to global reforestation efforts.



By aligning financial incentives with environmental impact, TreeTherium not only supports the mission but also offers novel ways for individuals and corporations to invest in the health of our planet.

Chapter 02

Background and Market Analysis

ProperLy Asia Sdn Bhd has developed the TreeTherium DAO with its \$SEEDZ Token, and the TreeTherium application including the smart contracts for the \$TREE Token.

However, \$TREE Token holders do have governance over the future of the token through annual/regular democratic referenda, and voting mechanisms, and with that governance over PlanTreesToday and \$TREE.

Energy transition, worldwide pollution, carbon emissions, global warming, climate change have been frontpage news for years. Obviously governments take too little action to counter the decline of our planet.

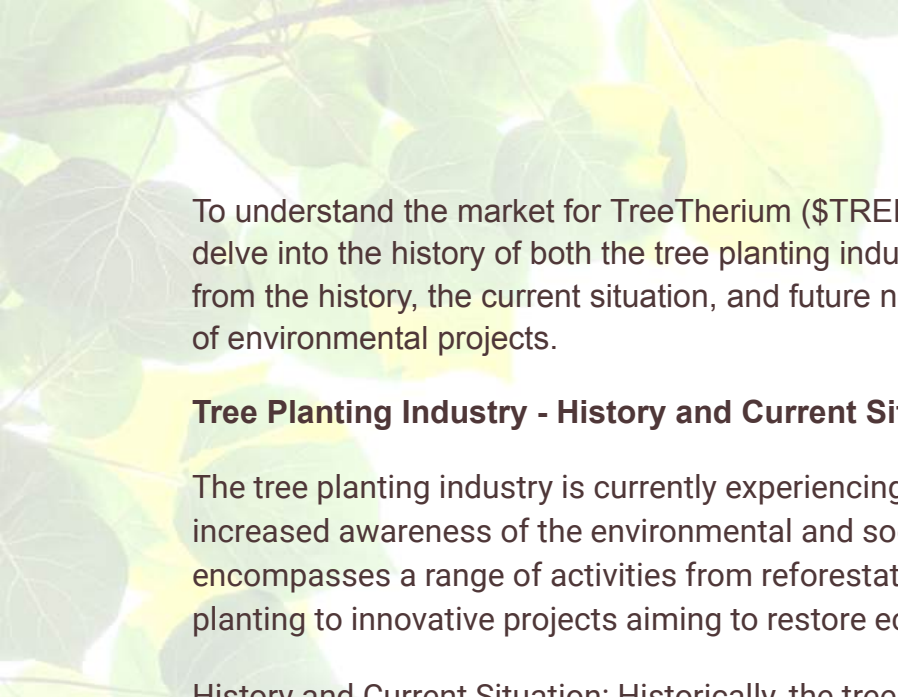
*“it is time that we,
independent people of the world,
take action!”*

Together we can tackle all these worldly problems, but we will be making a start by producing more oxygen for the planet, while at the same time promote sequestration of CO2 held by all the trees we plant.

Our solution is to plant trees, and with that forests, on five continents of the world.

There are many tree planting organizations, forestry & conservation departments, landscaping companies worldwide and we would like to empower them all. \$TREE will offer a suite of tools to cater for any users of the platform.

Understanding the Market



To understand the market for TreeTherium (\$TREE) as a utility token, it's crucial to delve into the history of both the tree planting industry and the crypto/blockchain space, from the history, the current situation, and future needs and requirements in the context of environmental projects.

Tree Planting Industry - History and Current Situation

The tree planting industry is currently experiencing growth and transformation, driven by increased awareness of the environmental and social benefits of trees. The industry encompasses a range of activities from reforestation, regeneration and urban tree planting to innovative projects aiming to restore ecosystems and support communities.

History and Current Situation: Historically, the tree planting industry has been crucial for reforestation, combating desertification, and providing resources like timber and fruit. In recent years, the focus has expanded to include the environmental impact of trees on carbon sequestration, biodiversity, and combating urban heat islands. Worldwide organizations have played a significant role in promoting tree planting, with ambitious goals to address areas where they're needed most.

Needs and Requirements for the Future: The future of the tree planting industry is likely to see an increased integration of technology, such as the use of drones for planting and monitoring, and the development of more sophisticated methods for assessing the environmental impact of planting projects. Furthermore, there will be a greater emphasis on planting native and diverse species to support ecosystems better. There's also a need for continued collaboration between nonprofits, governments, corporations, and communities to scale up efforts and achieve global reforestation goals effectively.

Challenges and Opportunities: The industry faces challenges such as change to our climate, land availability, and the need for sustainable funding models. However, these challenges also present opportunities for innovation, such as developing new tree planting techniques that are more resilient to changing climates, and creating economic incentives for landowners to participate in tree planting projects.

Exactly here is where Treetherium and \$TREE will provide solutions, based on the latest digital technologies.

For comprehensive strategies and collaborations to succeed, the industry will require ongoing research, education, and community engagement to ensure the benefits of tree planting are realized on a global scale. The drive towards smarter and greener cities, restoration of natural habitats, and the fight against climate challenges will continue to fuel the growth and evolution of the tree planting industry.

Crypto & Blockchain History and Current Situation

The cryptocurrency market and blockchain technologies have seen rapid growth since Bitcoin's inception in 2009, with thousands of cryptocurrencies and blockchains now available. This market's evolution includes significant technological advancements, regulatory challenges, and a diverse range of applications from digital payments to smart contracts, NFT's and DeFi (decentralized finance) and other advanced digital mechanisms. There has been a growing interest by institutional investors for this new asset class.

Needs and Requirements of the Future

The future of the cryptocurrency market and blockchain technology hinges on several factors:

Adoption of Blockchain Technology: Blockchain technology's enterprise adoption is increasing across various industries, particularly in financial services. This adoption is expected to drive the demand for cryptocurrencies and blockchain solutions, and the overall acceptance of utilities built on these technologies.

Environmental Considerations: Transition from a Proof of Work (PoW) to a Proof of Stake (PoS) model, and even a Proof of History (PoH), and other ledger verification systems, which drastically reduces energy consumption, indicate a growing emphasis on sustainability within the cryptocurrency sector.

Regulatory Environment: The regulatory landscape will significantly influence the future of cryptocurrencies and blockchain. The industry is banking on clear regulations that support innovation while addressing security concerns.

Technological Advancements: Continued innovation will bring the necessary opportunities to improve efficiency, reduce environmental impact, and enhance security. Blockchain and cryptocurrencies will be integrated into all technologies as we know them. Fast, secure, transparent and decentralized, blockchain is ready for the future.

For TreeTherium (\$TREE), aligning with these trends and requirements is vital. Leveraging blockchain for environmental impact, ensuring sustainability, and navigating the regulatory environment effectively will be key to its success. Offering transparent, secure, and efficient mechanisms for supporting reforestation efforts can set TreeTherium apart, contributing to both environmental sustainability and the growth of the cryptocurrency market.

Tree Planting & Blockchain Combined Insights

Combining insights from the cryptocurrency/blockchain and the tree planting industries, we can envision a future where TreeTherium (\$TREE) will significantly impact global reforestation and decarbonisation efforts and drive sustainability projects.

Integration of Cryptocurrency and Tree Planting: TreeTherium, leveraging the growth and technological advancements within the cryptocurrency market, introduces a novel approach to funding reforestation and conservation projects worldwide. The blockchain's transparency and security features would ensure that donations and funds are directly used for tree planting initiatives, providing donors and investors with clear visibility of their contributions' impact.

Challenges and Opportunities: The cryptocurrency market, while rapidly growing, faces challenges such as regulatory uncertainties and market volatility. However, these challenges also drive innovation, leading to the development of more stable and secure platforms for transactions. Similarly, the tree planting industry is adapting to challenges such as climate change and land availability through technological advancements and increased collaboration.

Future Prospects: For TreeTherium to thrive, it must navigate the regulatory landscape of cryptocurrencies while aligning closely with the goals of the tree planting industry. This includes developing a robust platform that not only facilitates fundraising but also tracks the growth and environmental impact of each tree planted, thereby demonstrating tangible benefits to both the planet and investors.

Collaboration for Impact: The success of TreeTherium will depend on partnerships with established tree planting organizations, leveraging their expertise and networks to ensure that tree planting efforts are scientifically guided and impactful. Collaborations with tech innovators in the cryptocurrency space can also drive the development of features that enhance user experience and engagement, such as token-based rewards for contributors (planters, funders, and landowners), and blockchain-based certificates for carbon offset.

The Time is Now

TreeTherium stands at the intersection of two dynamic fields, offering a promising avenue for promoting environmental sustainability through reforestation. By addressing the needs and leveraging the strengths of both the cryptocurrency and tree planting industries, TreeTherium will play a pivotal role in global efforts to combat issues related to the planet's health, forest regeneration and biodiversity loss.

Some Numbers

Estimate # of large scale tree planting organizations worldwide	100+
Estimate # of cryptos in the funding space	100's
Estimate # of cryptos in the charity space	4
Estimate # of crypto currencies in the Tree Planting space	0

Chapter 03

Technical Details

In this section we will explain the majority of the technical aspects of TreeTherium in a clear and concise manner. For deeper and further understanding of the technologies used, these can be found in the TreeTherium Yellow Paper which is available upon request.

Blockchain Technology

TreeTherium leverages blockchain technology as the underlying infrastructure for its ecosystem, providing a decentralized, transparent, and immutable ledger to support its operations. The choice of blockchain technology ensures that transactions related to donations, token transfers, and tree planting initiatives are securely recorded and accessible to all participants in the network.

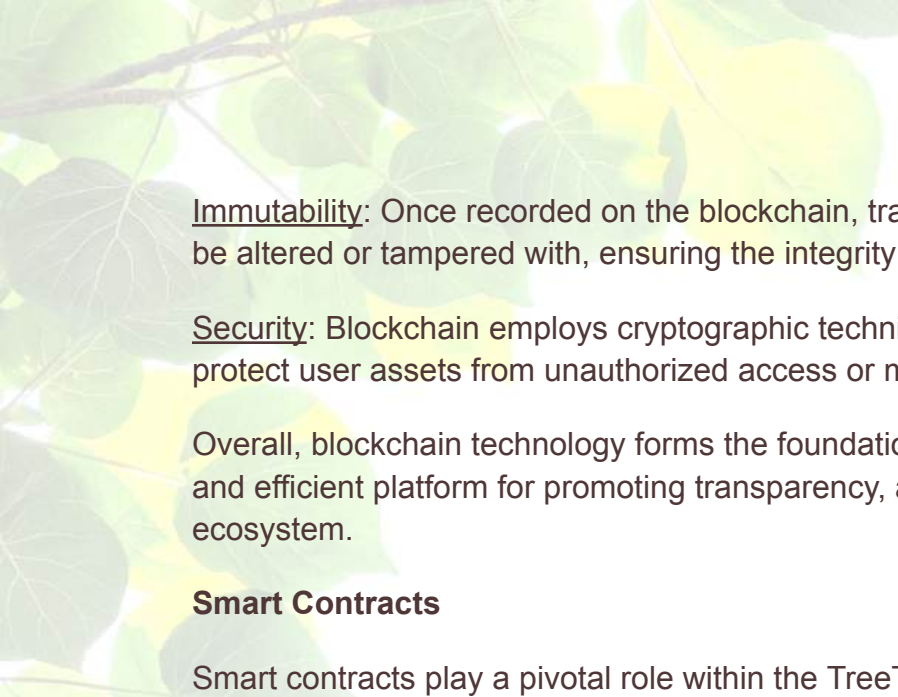
At the core of TreeTherium is a Solana-based blockchain platform that offers scalability, interoperability, and robust security features. By utilizing an established blockchain as Solana, TreeTherium benefits from a proven infrastructure that supports smart contracts, token issuance, and decentralized applications (dApps).

We have chosen for Solana, as Solana is a carbon neutral & climate focused company

Blockchain technology enables TreeTherium to achieve several key objectives:

Decentralization: The distributed nature of blockchain ensures that no single entity has control over the network, promoting resilience and censorship resistance.

Transparency: All transactions on the TreeTherium blockchain are transparent and verifiable, allowing donors, participants, and stakeholders to track the flow of funds and verify the impact of tree planting initiatives.



Immutability: Once recorded on the blockchain, transactions are immutable and cannot be altered or tampered with, ensuring the integrity and trustworthiness of the data.

Security: Blockchain employs cryptographic techniques to secure transactions and protect user assets from unauthorized access or manipulation.

Overall, blockchain technology forms the foundation of TreeTherium, providing a robust and efficient platform for promoting transparency, accountability, and trust within the ecosystem.

Smart Contracts

Smart contracts play a pivotal role within the TreeTherium ecosystem, enabling automated and trustless execution of agreements and transactions. These self-executing contracts are deployed on the blockchain and contain code that defines the terms and conditions of a particular transaction or interaction.

TreeTherium utilizes smart contracts to facilitate various functionalities, including:

Donations: Smart contracts are employed to receive donations from users and allocate funds to tree planting initiatives based on predetermined criteria. Donors can interact with the smart contract directly, ensuring transparency and accountability in the donation process.

Token Distribution: Smart contracts govern the distribution of TreeTherium Tokens (\$TREE) to donors, participants, and stakeholders according to predefined rules. This ensures a fair and transparent distribution of tokens within the ecosystem.

Tree Planting Initiatives: Smart contracts are utilized to automate the execution of tree planting initiatives, including the allocation of resources, tracking of tree planting activities, and verification of completed projects. This streamlines the process and reduces administrative overhead.

Governance: Smart contracts enable decentralized governance within the TreeTherium ecosystem, allowing token holders to participate in decision-making processes related to protocol upgrades, fund allocation, and community initiatives. This ensures a democratic and transparent governance model.

Overall, smart contracts enhance the efficiency, transparency, and security of operations within the TreeTherium ecosystem, enabling seamless execution of transactions and initiatives while minimizing the need for intermediaries.

Crypto Wallet Integration

The crypto wallet integration is a critical component of the TreeTherium ecosystem, enabling users to securely store, manage, and transact with TreeTherium Tokens (\$TREE). TreeTherium supports compatibility with a wide range of cryptocurrency wallets, including desktop, mobile, and hardware wallets, to accommodate diverse user preferences and security requirements.

Users can interact with their TreeTherium Tokens through compatible wallets, which provide convenient access to key features such as:

Token Management: Wallets allow users to view their \$TREE Token balance, transfer tokens to other addresses, and monitor transaction history. This provides users with full control over their assets within the TreeTherium ecosystem.

Donation Functionality: Wallets facilitate seamless donation processes, enabling users to contribute and allocate funds to tree planting initiatives directly from their wallets. Donors can specify the amount of \$TREE Tokens they wish to donate and track the progress of their contributions in real-time.

Token Tracking: Wallets provide users with visibility into the status and impact of their \$TREE Tokens, including details on the tree planting projects supported by their donations. This transparency enhances trust and accountability within the ecosystem.

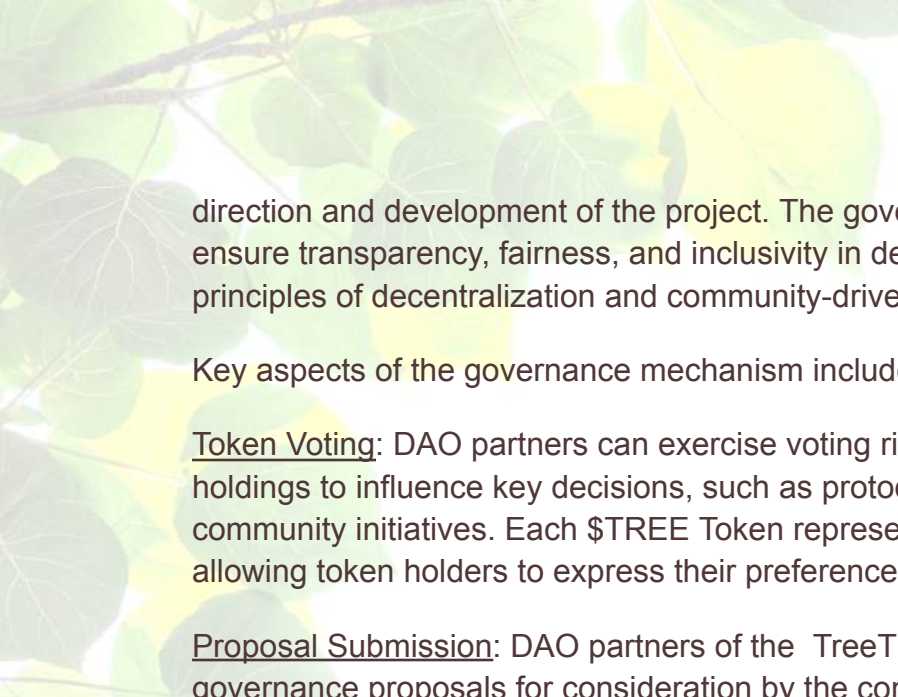
Project Tracking: Straight from the wallet users can create projects (NFT's), request for funding, and request for volunteers to participate in the project. In the NFT part of the wallet, each and every project can be tracked, whether it's a solo activity, or a group exercise.

Security Features: Wallets incorporate robust security features to protect user assets from unauthorized access or theft. This includes measures such as encryption, multi-factor authentication, and 24 word seed phrase recovery options to safeguard users' private keys and funds.

Overall, wallet integration enhances the usability and accessibility of TreeTherium Tokens, empowering users to participate in reforestation efforts and contribute to environmental sustainability with ease and confidence.

Governance Mechanism

Governance within the TreeTherium ecosystem is facilitated through a decentralized autonomous organization (DAO) called the TreeTherium DAO. The DAO will empower token holders to participate in decision-making processes that impact the future



direction and development of the project. The governance mechanism is designed to ensure transparency, fairness, and inclusivity in decision-making, aligning with the principles of decentralization and community-driven governance.

Key aspects of the governance mechanism include:

Token Voting: DAO partners can exercise voting rights proportional to their token holdings to influence key decisions, such as protocol upgrades, fund allocation, and community initiatives. Each \$TREE Token represents a voting stake in the ecosystem, allowing token holders to express their preferences on governance proposals.

Proposal Submission: DAO partners of the TreeTherium community can submit governance proposals for consideration by the community. Proposals may include suggestions for protocol improvements, allocation of funds for tree planting projects, other environmental initiatives, or amendments to the governance framework itself.

Voting Process: Governance proposals undergo a voting process where token holders can cast their votes in favor of, or against the proposal. Proposals must meet predefined voting thresholds to be accepted, ensuring that decisions reflect broad consensus within the community.

Execution of Decisions: Once a governance proposal is approved through the voting process, the necessary actions are executed automatically through smart contracts on the blockchain. This ensures that decisions are implemented in a transparent, efficient, and trustless manner.

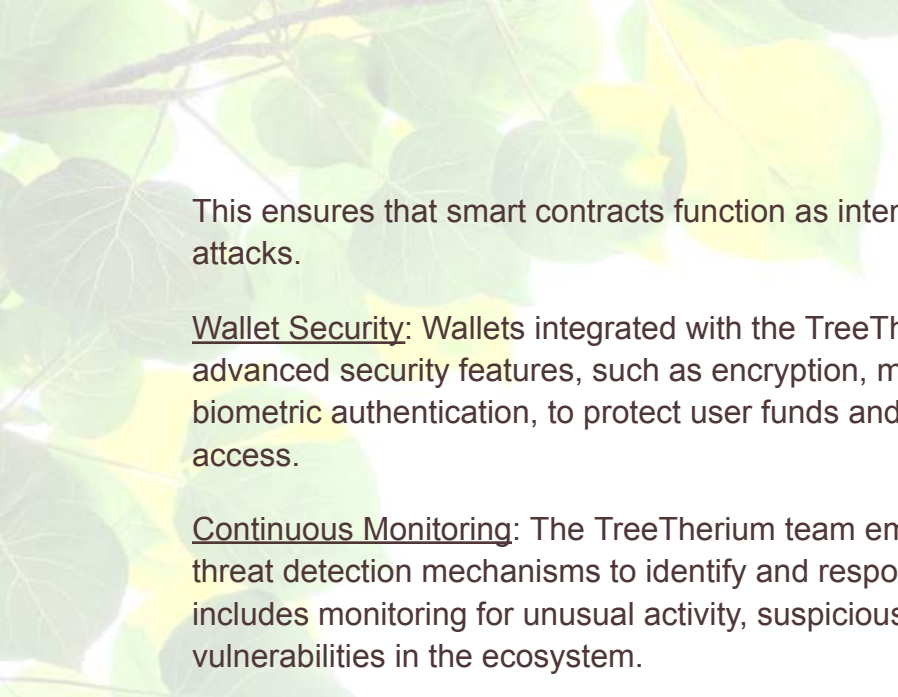
Through decentralized governance, TreeTherium empowers its community to shape the future of the ecosystem collaboratively, fostering a sense of ownership and stewardship among token holders.

Security Measures

Security is a top priority within the TreeTherium ecosystem, with comprehensive measures implemented to protect user assets, data, and the integrity of the platform. These security measures encompass various aspects of the ecosystem, including smart contracts, wallets, and infrastructure, to mitigate risks and safeguard against potential threats.

Key security measures within the TreeTherium ecosystem include:

Secure Smart Contracts: Smart contracts deployed on the blockchain undergo rigorous testing and auditing to identify and address potential vulnerabilities before deployment.



This ensures that smart contracts function as intended and are resistant to exploits or attacks.

Wallet Security: Wallets integrated with the TreeTherium ecosystem incorporate advanced security features, such as encryption, multi-factor authentication, and biometric authentication, to protect user funds and private keys from unauthorized access.

Continuous Monitoring: The TreeTherium team employs continuous monitoring and threat detection mechanisms to identify and respond to security incidents promptly. This includes monitoring for unusual activity, suspicious transactions, and potential vulnerabilities in the ecosystem.

Regular Audits: Periodic security audits are conducted by independent third-party firms to assess the robustness of the TreeTherium platform and identify any potential security weaknesses or areas for improvement. Audit reports are made available to the community for transparency and accountability.

Compliance with Best Practices: TreeTherium adheres to industry best practices and standards for security, including compliance with regulatory requirements, adherence to secure coding practices, and implementation of data privacy measures.

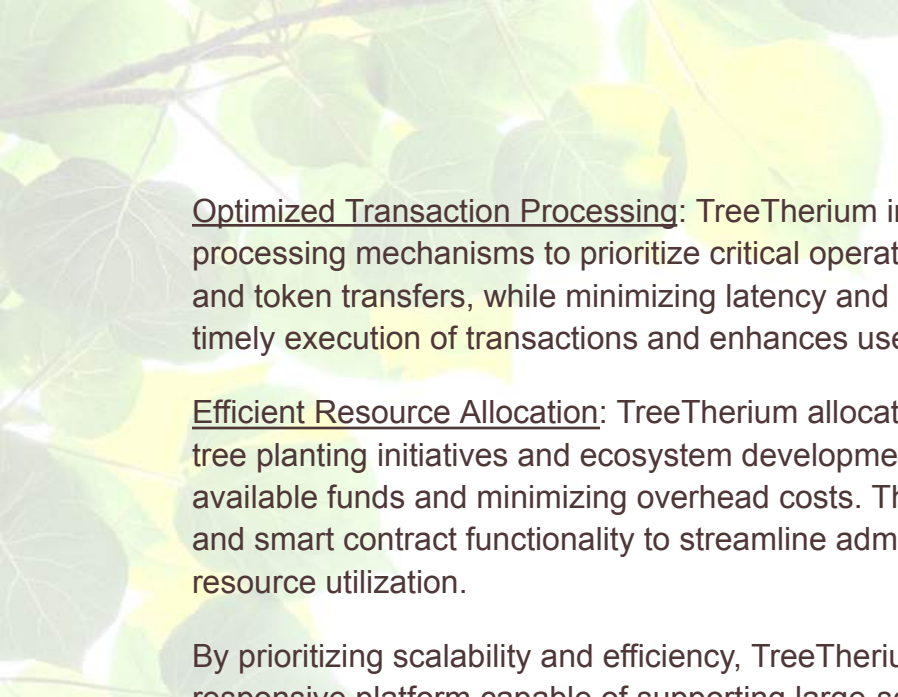
By prioritizing security and implementing robust measures to protect user assets and data, TreeTherium aims to provide a secure and trustworthy platform for participants to engage in reforestation efforts and contribute to environmental sustainability.

Scalability and Efficiency

Scalability and efficiency are crucial considerations for the TreeTherium ecosystem to accommodate the growing demand for tree planting initiatives and ensure seamless operation of the platform. TreeTherium is designed to scale effectively while maintaining high levels of performance and efficiency, even as the ecosystem expands and user activity increases.

Key strategies for scalability and efficiency within the TreeTherium ecosystem include:

Layer 2 Solutions: TreeTherium explores the integration of layer 2 scaling solutions, such as sidechains, state channels, or rollups, to alleviate congestion on the main blockchain network and increase transaction throughput. These solutions enable faster and more cost-effective transactions while preserving the security guarantees of the underlying blockchain.



Optimized Transaction Processing: TreeTherium implements optimized transaction processing mechanisms to prioritize critical operations, such as donation processing and token transfers, while minimizing latency and resource consumption. This ensures timely execution of transactions and enhances user experience within the ecosystem.

Efficient Resource Allocation: TreeTherium allocates resources judiciously to support tree planting initiatives and ecosystem development activities, maximizing the impact of available funds and minimizing overhead costs. This includes leveraging automation and smart contract functionality to streamline administrative processes and optimize resource utilization.

By prioritizing scalability and efficiency, TreeTherium aims to provide a robust and responsive platform capable of supporting large-scale reforestation efforts and accommodating the needs of a growing user base.

Interoperability and Integration

Interoperability and integration are essential aspects of the TreeTherium ecosystem, enabling seamless interaction with other blockchain networks, platforms, and external systems to enhance functionality and expand the reach of tree planting initiatives.

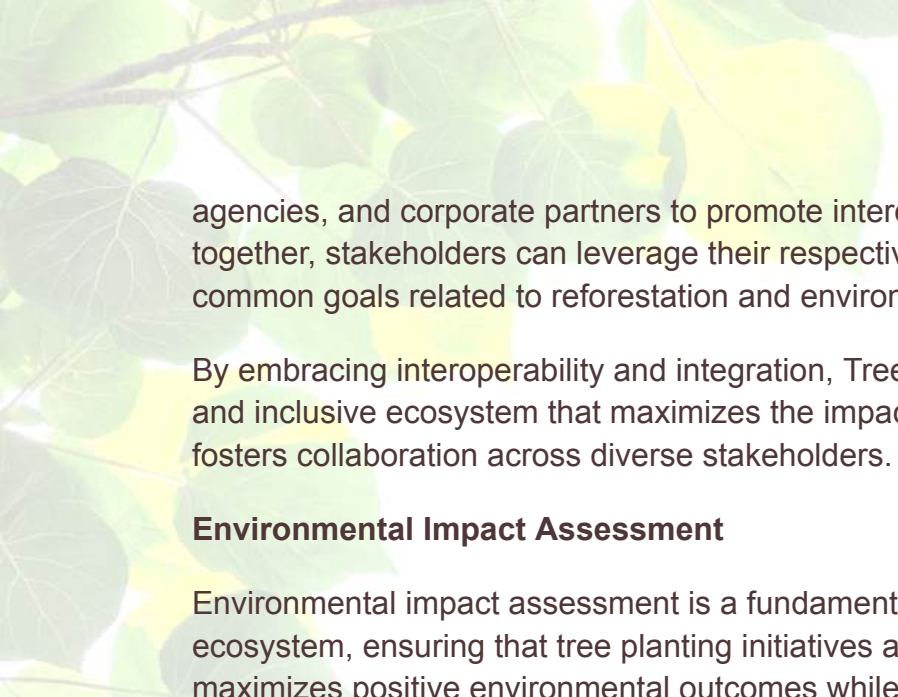
TreeTherium embraces interoperability principles to foster collaboration and synergy with complementary projects and initiatives across the blockchain and environmental sectors.

Key elements of interoperability and integration within the TreeTherium ecosystem include:

Cross-Chain Compatibility: TreeTherium explores interoperability solutions that enable seamless transfer of assets and data between different blockchain networks, facilitating interoperability with leading platforms such as Ethereum, Binance Smart Chain, Cardano Solana and others. This interoperability enhances liquidity and accessibility for \$TREE Tokens while fostering collaboration with other ecosystems.

APIs and SDKs: TreeTherium provides no application programming interfaces (APIs) and software development kits (SDKs) for third parties at this moment. These options will become available at a later stage to facilitate integration with external systems, such as environmental monitoring platforms, payment gateways, and donation management systems. These tools enable developers to build custom applications and services that leverage the functionality of the TreeTherium ecosystem.

Partnerships and Collaborations: TreeTherium seeks strategic partnerships and collaborations with other blockchain projects, environmental organizations, government



agencies, and corporate partners to promote interoperability and integration. By working together, stakeholders can leverage their respective strengths and resources to achieve common goals related to reforestation and environmental sustainability.

By embracing interoperability and integration, TreeTherium aims to create a connected and inclusive ecosystem that maximizes the impact of tree planting initiatives and fosters collaboration across diverse stakeholders.

Environmental Impact Assessment

Environmental impact assessment is a fundamental aspect of the TreeTherium ecosystem, ensuring that tree planting initiatives are conducted in a manner that maximizes positive environmental outcomes while minimizing adverse effects.

TreeTherium is committed to conducting thorough assessments of the environmental impact associated with its operations, taking into account factors such as carbon sequestration, biodiversity conservation, and ecosystem restoration and regeneration.

Key components of environmental impact assessment within the TreeTherium ecosystem include:

Carbon Sequestration Analysis: TreeTherium conducts comprehensive assessments of the carbon sequestration potential of tree planting initiatives, utilizing scientific methodologies and modeling techniques to estimate the amount of carbon dioxide removed from the atmosphere by planted trees. This analysis helps quantify the environmental benefits of tree planting projects and inform decision-making.

Biodiversity Monitoring: TreeTherium monitors and evaluates the impact of tree planting initiatives on biodiversity, including the diversity and abundance of plant and animal species within reforested areas. This monitoring helps ensure that tree planting efforts contribute to the restoration of healthy and resilient ecosystems that support a wide range of species.

Ecosystem Health Indicators: TreeTherium tracks key indicators of ecosystem health, such as soil quality, water availability, and habitat connectivity, to assess the overall health and resilience of reforested areas. By monitoring these indicators over time, TreeTherium can identify trends and make informed decisions to optimize the effectiveness of tree planting initiatives.

Stakeholder Engagement: TreeTherium actively engages with local communities, environmental experts, universities and institutions, and other local and international stakeholders to solicit feedback, address concerns, and incorporate local knowledge into environmental impact assessments. This participatory approach ensures that tree

planting projects are conducted in a manner that respects local ecosystems and enhances community well-being.

By conducting rigorous environmental impact assessments, TreeTherium aims to ensure that its tree planting initiatives deliver tangible and lasting benefits for the environment, communities, and future generations. Through transparent reporting and accountability measures, TreeTherium demonstrates its commitment to environmental stewardship and sustainability.

Chapter 04 Tokenomics

The TreeTherium tokenomics framework is designed to create a vibrant and sustainable ecosystem where participants are incentivized to contribute to environmental sustainability while being rewarded for their engagement.

Through mechanisms such as token supply management, staking rewards, governance rights, and revenue sharing, TreeTherium aims to align the interests of its community members, foster ecosystem growth, and promote the long-term value of the \$TREE Token.

Transparency, fairness, and compliance with regulatory standards are central tenets of TreeTherium's tokenomics, ensuring a robust foundation for sustainable development and innovation.

The Numbers as per 05/10/2024

Token Handle	TREE (\$TREE)
Token Name	TreeTherium
Blockchain	Solana
Hash Algorithm	SHA-256
Organizational Structure	Decentralized
Proposal Mechanism	Yes
Voting Mechanism	Yes
DAO	Yes

Development Status	On-going development (Solana MainNet scheduled for Jan 2025)
Hard Wallet Support	Yes
Number of Tokens Distributed	0.00 (None, launched in June 2025)
Distribution	0.00 (None, launched in June 2025)
Total Supply	88,000,000,000
Circulating Supply	0.00 (None, launched in June 2025)
Max Supply	88,000,000,000
Initial Token Sale	2 Billion tokens
Airdrop	Allocated 1 Billion tokens
Burning Mechanism	YES but DAO to decide how, and when
Token Generation Event	June 2025

Current Allocations

TreeTherium Investors Team

ProperLy Asia Sdn Bhd	5 B \$TREE (75% vested 5 years)
Founders Circle Team	5 B \$TREE (75% vested 5 years)
Ecosystem Development	1 B \$TREE (75% vested 1 year)

DAO

DAO	22 B \$TREE
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Market

Token Pre-Sale (4 events)	1 B \$TREE
ILO	2 B \$TREE
Referral Program	1 B \$TREE



Airdrop	1 Billion tokens
Release Mechanism	50 B \$TREE (100 years)

We will build an equilibrium mechanism, where the TreeTherium Investors Team (TTIT) can never dump their tokens onto the market, they are capped & balanced by the circulation market supply.

Token Supply

The total supply of \$TREE Tokens within the TreeTherium ecosystem is a critical aspect of the project's tokenomics. \$TREE Tokens represent the native digital asset that powers the platform and facilitates transactions, and incentives. The token supply is designed to balance scarcity, liquidity, and utility to support the long-term sustainability and growth of the ecosystem.

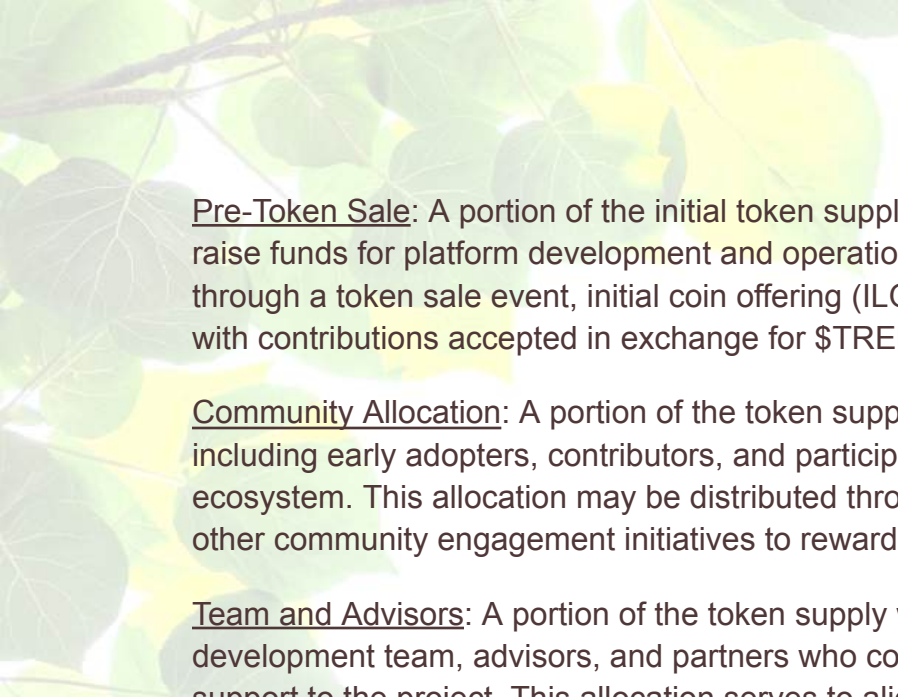
The initial token supply was determined based on factors such as the project's funding requirements, anticipated demand for \$TREE Tokens, and considerations for future expansion and development. At the initial start half of the supply will sit with the investors, and early adopters to the token. While the other half will be offered to the market. **The TreeTherium Investment Team holdings of the \$TREE Token will be vested at various levels for up to 9 years**, and with that can not be sold before a fixed date.

Therefore these tokens can not dilute the market for the first five years. After the allocated vesting period the TTIT can release tokens, but by mechanism can never be more than the number of tokens in the market. This will keep the market in balance, and caps the release of tokens from the TreeTherium Investors Team. This to ensure the new tokens released will remain in balance with the number of tokens released by investors, if any.

Distribution Mechanism

The distribution mechanism governs how \$TREE Tokens are allocated and distributed among various stakeholders within the TreeTherium ecosystem. It aims to ensure a fair and equitable distribution of tokens while incentivizing participation, fostering community engagement, and aligning interests among stakeholders.

Key components of the distribution mechanism include:



Pre-Token Sale: A portion of the initial token supply may be allocated for public sale to raise funds for platform development and operations. The token sale may be conducted through a token sale event, initial coin offering (ILO), or token generation event (TGE), with contributions accepted in exchange for \$TREE Tokens at a predetermined price.

Community Allocation: A portion of the token supply will be allocated to the community, including early adopters, contributors, and participants who contribute value to the ecosystem. This allocation may be distributed through airdrops, bounty programs, or other community engagement initiatives to reward and incentivize participation.

Team and Advisors: A portion of the token supply will be reserved for the core development team, advisors, and partners who contribute expertise, guidance, and support to the project. This allocation serves to align incentives, attract talent, and ensure ongoing commitment to the success of the TreeTherium ecosystem.

Ecosystem Development: A portion of the token supply will be allocated to support ecosystem development, including marketing, partnerships, ecosystem grants, and initiatives aimed at driving adoption and growth. This allocation is essential for fostering a vibrant and sustainable ecosystem that delivers value to stakeholders.

Burn Mechanism: In year two the DAO's will decide on a proper burn mechanism for \$TREE. Currently the development team puts forward the idea of; "the more trees we plant, the more coins we burn".

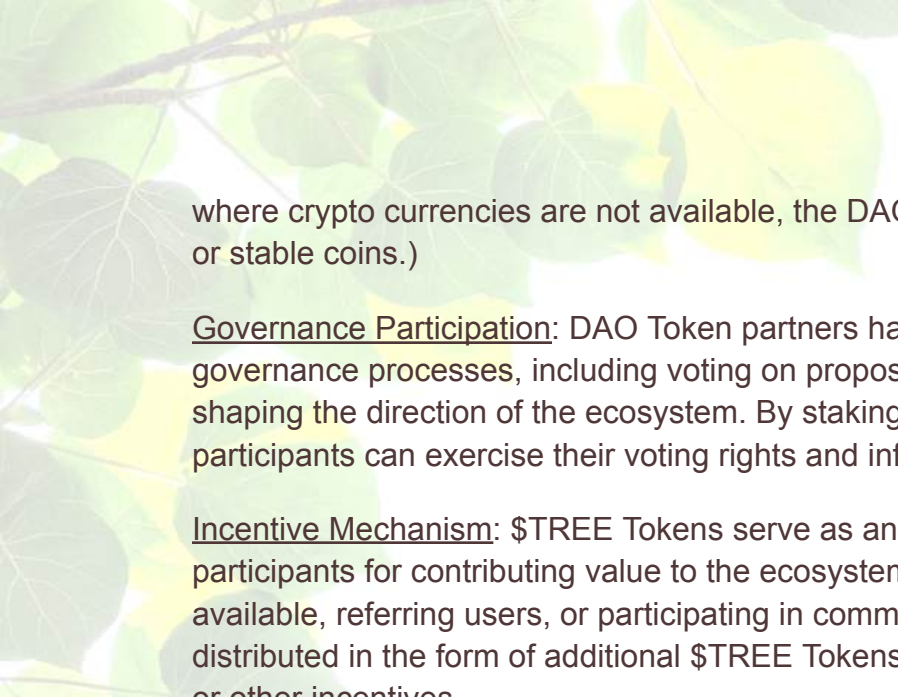
The distribution mechanism will be transparent, accountable, and subject to governance oversight to ensure fairness and integrity in the allocation and distribution of \$TREE Tokens. It will be designed to balance the interests of all stakeholders and support the long-term success of the TreeTherium platform.

Token Utility

The utility of \$TREE Tokens within the TreeTherium ecosystem is fundamental to their value proposition and adoption. \$TREE Tokens serve as the primary medium of exchange, unit of account, and store of value within the ecosystem, enabling participants to access platform features, participate in governance, and receive incentives for contributions.

Key utilities of \$TREE Tokens include:

Transaction Medium: \$TREE Tokens can be used to facilitate transactions within the TreeTherium ecosystem, including donations, purchases, and payments for goods and services. They provide a fast, secure, and cost-effective means of transferring value between users on the platform. (the distribution of funds to an organization or country



where crypto currencies are not available, the DAO could choose to distribute in USD, or stable coins.)

Governance Participation: DAO Token partners have the opportunity to participate in governance processes, including voting on proposals, electing representatives, and shaping the direction of the ecosystem. By staking or holding \$TREE Tokens, participants can exercise their voting rights and influence decision-making.

Incentive Mechanism: \$TREE Tokens serve as an incentive mechanism to reward participants for contributing value to the ecosystem, such as planting trees, making land available, referring users, or participating in community activities. Rewards may be distributed in the form of additional \$TREE Tokens, tokens representing tree ownership, or other incentives.

Access to Platform Features: \$TREE Tokens grant access to premium features, services, and benefits within the TreeTherium ecosystem. This may include access to exclusive content, priority support, discounted fees, or enhanced functionality available only to token holders.

Overall, the utility of \$TREE Tokens is designed to drive demand, foster adoption, and create value for participants within the TreeTherium ecosystem. By leveraging the unique capabilities of blockchain technology and digital assets, \$TREE Tokens empower users to engage in meaningful actions that contribute to environmental sustainability and ecosystem growth.

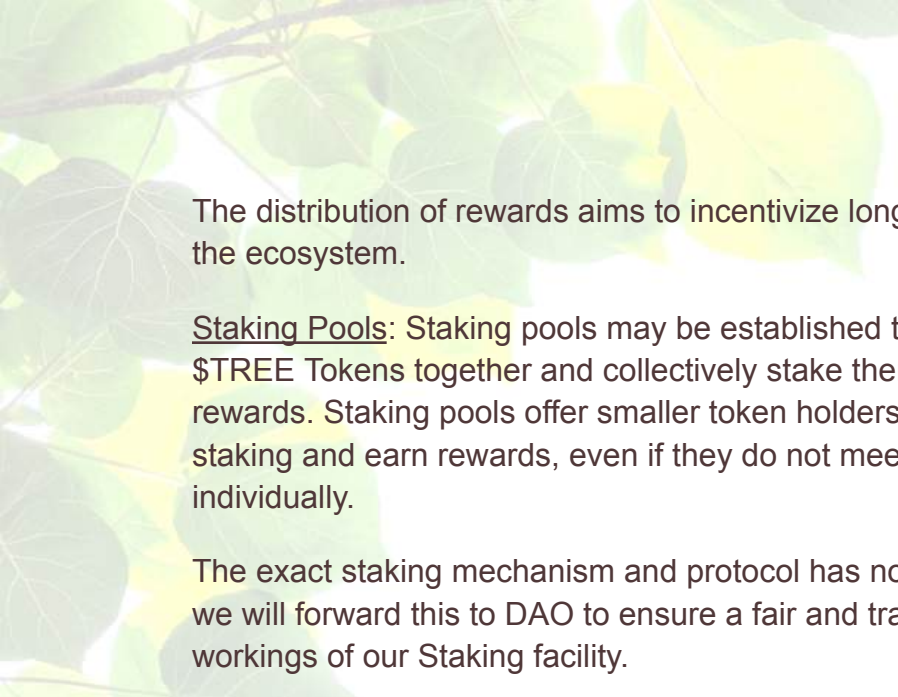
Staking and Rewards

Staking and rewards mechanisms play an important role within the TreeTherium ecosystem, incentivizing participants to contribute to the network's security, stability, and growth. Staking involves locking up \$TREE Tokens in a dedicated wallet, NFT or smart contract to support network operations, validate transactions, and earn rewards in return for securing the network.

Key aspects of staking and rewards within the TreeTherium ecosystem include:

Staking Requirements: Participants interested in staking \$TREE Tokens must meet certain requirements, such as holding a minimum balance of tokens or adhering to specific staking rules and conditions. These requirements ensure that stakers have a vested interest in the success and integrity of the network.

Reward Distribution: Stakers receive rewards in the form of additional \$TREE Tokens for their participation in the staking process. Rewards may be distributed periodically based on factors such as staking duration, token holdings, and network performance.



The distribution of rewards aims to incentivize long-term participation and contribution to the ecosystem.

Staking Pools: Staking pools may be established to allow participants to pool their \$TREE Tokens together and collectively stake them to increase their chances of earning rewards. Staking pools offer smaller token holders the opportunity to participate in staking and earn rewards, even if they do not meet the minimum staking requirements individually.

The exact staking mechanism and protocol has not been decided on as per date, and we will forward this to DAO to ensure a fair and transparent process on the exact workings of our Staking facility.

Governance Rights

Governance rights are an integral component of the TreeTherium ecosystem, empowering TreeTherium DAO Token (\$SEEDZ) holders to participate in decision-making processes that shape the direction, policies, and development of the platform. Governance rights enable token holders to collectively govern the ecosystem, influence key decisions, and ensure the alignment of incentives among stakeholders.

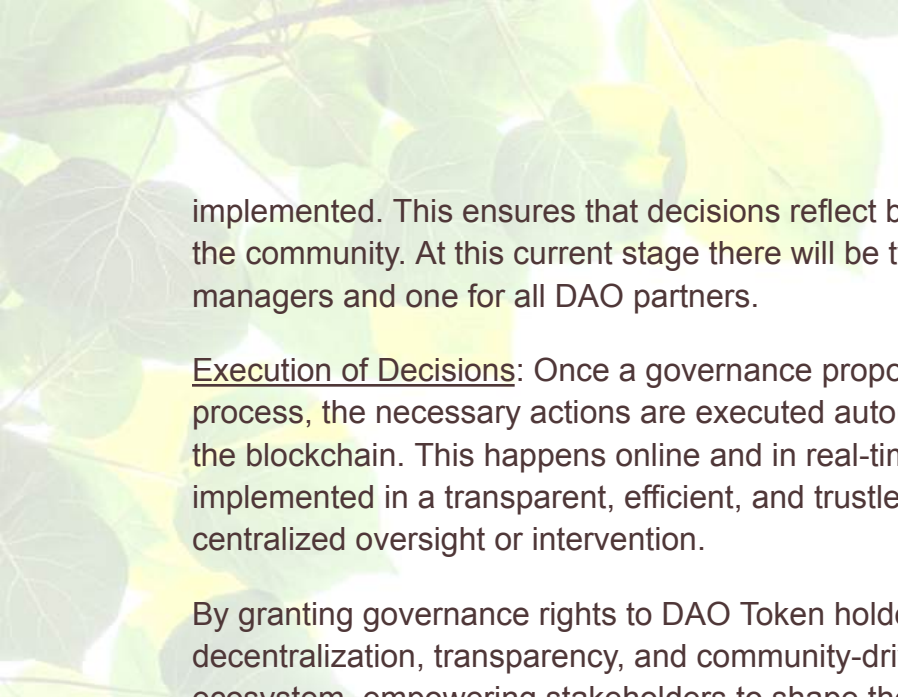
Key aspects of governance rights within the TreeTherium ecosystem include:

Voting Power: TreeTherium DAO Token holders are granted voting power, on proposals put forward by the DAO, proportional to their holdings of \$SEEDZ Tokens, allowing them to cast votes on governance proposals, protocol upgrades, fund allocations, and other matters affecting the ecosystem. Each \$SEEDZ Token represents a voting stake in the governance process, enabling token holders to have a say in the future of the platform.

Proposal Submission: Any DAO partner of the TreeTherium community can submit governance proposals for consideration by the DAO. Proposals may cover a wide range of topics, including changes to protocol parameters, funding requests, ecosystem upgrades, environmental ideas, and strategic initiatives. Proposal submissions are open to all stakeholders, fostering inclusivity and transparency in the governance process.

All proposals will be vetted by the DAO, before put to a vote by the community.

Voting Process: Governance proposals undergo a voting process where token holders can cast their votes in favor of or against the proposal. Proposals must meet predefined voting thresholds, such as a minimum quorum or majority approval, to be accepted and



implemented. This ensures that decisions reflect broad consensus and support within the community. At this current stage there will be two voting processes, one for DAO managers and one for all DAO partners.

Execution of Decisions: Once a governance proposal is approved through the voting process, the necessary actions are executed automatically through smart contracts on the blockchain. This happens online and in real-time. This ensures that decisions are implemented in a transparent, efficient, and trustless manner, without the need for centralized oversight or intervention.

By granting governance rights to DAO Token holders, TreeTherium promotes decentralization, transparency, and community-driven decision-making within the ecosystem, empowering stakeholders to shape the future of the platform collaboratively.

Token Burning

Token burning is the deflationary mechanism employed within the TreeTherium ecosystem to reduce the total supply of \$TREE Tokens and increase their scarcity over time. Token burning involves permanently removing \$TREE Tokens from circulation by sending them to a designated and verifiable address, often referred to as a "burn address", where they become unspendable and irretrievable.

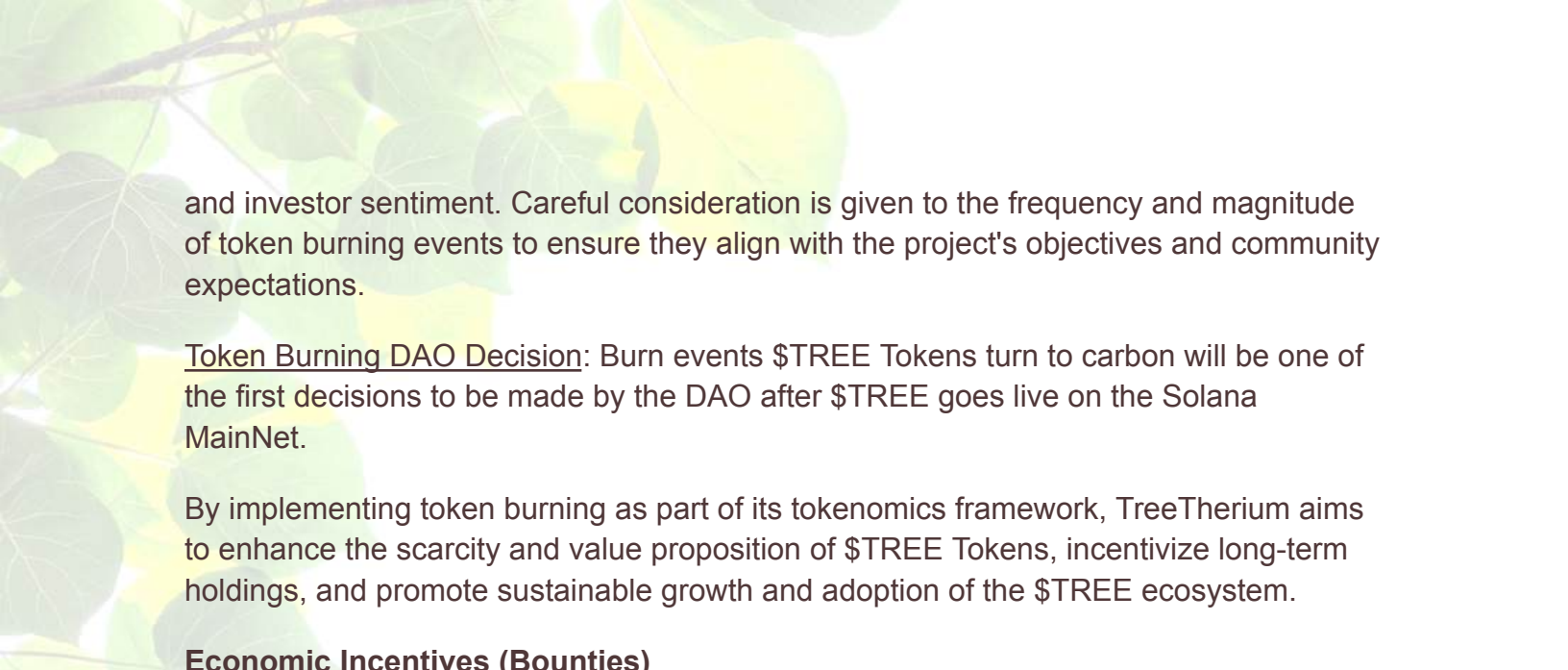
Key aspects of token burning within the TreeTherium ecosystem include:

Burn Events: Token burning may be conducted periodically or in response to specific triggers, such as transaction fees, revenue sharing, or community-driven initiatives, like tree planting events, or tree 'end-of-life' events. Burn events are transparently recorded on the blockchain and may be accompanied by public announcements to inform stakeholders of the reduction in token supply.

Purpose: Token burning serves several purposes within the TreeTherium ecosystem, including reducing inflationary pressures, increasing the value and scarcity of \$TREE Tokens, and aligning tokenomics with long-term sustainability goals. By reducing the total supply of tokens, token burning can help maintain or enhance token value over time.

Transparency: Token burning events are transparently recorded on the blockchain and can be verified by anyone with access to the relevant blockchain explorer or tools. This ensures accountability and trust in the token burning process, preventing manipulation or abuse of the mechanism for personal gain.

Impact on Tokenomics: Token burning has implications for the overall tokenomics of the TreeTherium ecosystem, including potential changes to token supply, market dynamics,



and investor sentiment. Careful consideration is given to the frequency and magnitude of token burning events to ensure they align with the project's objectives and community expectations.

Token Burning DAO Decision: Burn events \$TREE Tokens turn to carbon will be one of the first decisions to be made by the DAO after \$TREE goes live on the Solana MainNet.

By implementing token burning as part of its tokenomics framework, TreeTherium aims to enhance the scarcity and value proposition of \$TREE Tokens, incentivize long-term holdings, and promote sustainable growth and adoption of the \$TREE ecosystem.

Economic Incentives (Bounties)

Economic incentives, also called bounties, are part of the TreeTherium ecosystem, providing all stakeholders with rewards and benefits for their contributions, participation, and engagement within the platform. These incentives are designed to align the interests of participants, drive adoption, and promote sustainable growth and development of the ecosystem.

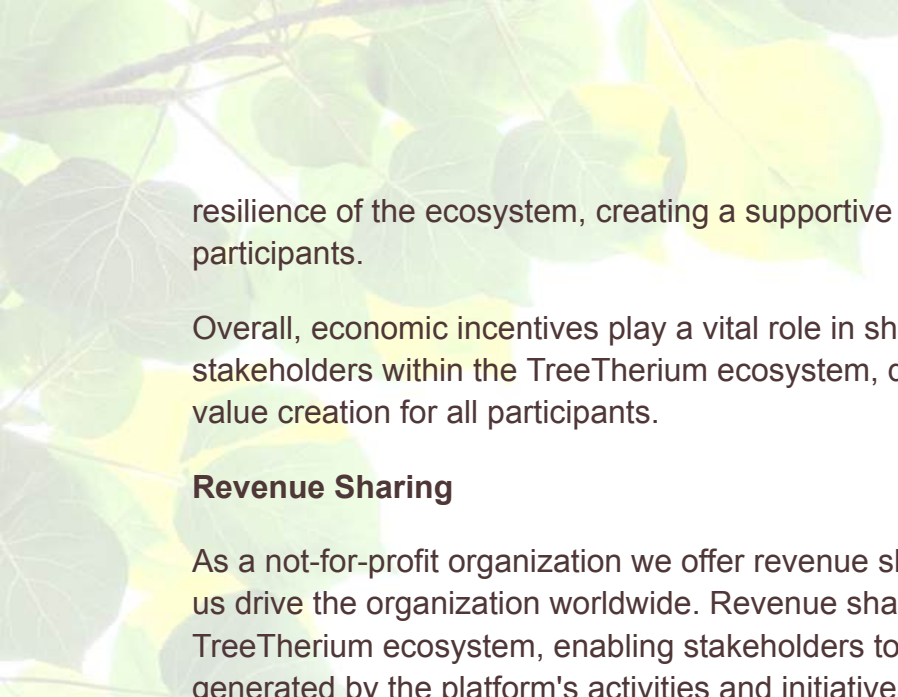
Key aspects of economic incentives within the TreeTherium ecosystem include:

Reward Mechanisms: TreeTherium employs various reward mechanisms to incentivize desired behaviors and actions that contribute to the ecosystem's goals. This may include rewards for planting trees, referring new users, participating in governance processes, burning of \$TREE Tokens, or providing liquidity to decentralized exchanges.

Token Distribution: Economic incentives are distributed in the form of \$TREE Tokens, which serve as the native digital asset of the TreeTherium ecosystem. These tokens can be earned through participation in ecosystem activities, received as rewards for contributions, distributed through incentive programs and campaigns, and bought in crypto exchanges.

Long-Term Value Creation: Economic incentives are designed to promote long-term value creation and sustainability within the ecosystem. By rewarding stakeholders for their ongoing contributions and engagement, TreeTherium aims to foster a vibrant and thriving community that continuously works towards achieving shared goals and objectives.

Community Engagement: Economic incentives encourage active regular participation and engagement within the TreeTherium community, fostering collaboration, innovation, and knowledge sharing among stakeholders. This contributes to the overall growth and



resilience of the ecosystem, creating a supportive and dynamic environment for all participants.

Overall, economic incentives play a vital role in shaping the behavior and motivations of stakeholders within the TreeTherium ecosystem, driving adoption, engagement, and value creation for all participants.

Revenue Sharing

As a not-for-profit organization we offer revenue sharing opportunities to those who help us drive the organization worldwide. Revenue sharing is an important component of the TreeTherium ecosystem, enabling stakeholders to share in the financial benefits generated by the platform's activities and initiatives.

Revenue sharing mechanisms distribute a portion of platform revenues, such as transaction fees, advertising revenues, referral program, or other income streams, to eligible participants as a form of passive income or reward for their contributions. Revenue sharing will only be provided to the early adopters, and will be provided in the form of \$TREE Tokens.

Key aspects of revenue sharing within the TreeTherium ecosystem include:

Revenue Sources: TreeTherium generates revenue from various sources, including transaction fees, platform usage fees, referral program, advertising, sponsorships, and partnerships. These revenues are derived from ecosystem activities, such as donations, token transactions, and value-added services provided to users.

Distribution Mechanisms: Revenue sharing mechanisms distribute a portion of platform revenues to eligible participants, such as \$TREE Token holders, stakers, ecosystem contributors, or participants in revenue-sharing programs. The distribution may be based on factors such as token holdings, staking duration, or participation levels.

Passive Income: Revenue sharing provides stakeholders with a passive income stream derived from the financial success of the TreeTherium ecosystem. This incentivizes long-term holding of \$TREE Tokens, active participation in ecosystem activities, and support for platform growth and development.

Transparency and Accountability: Revenue sharing mechanisms are transparently implemented on the blockchain, allowing stakeholders to track and verify the distribution of revenues in real-time. This ensures accountability and trust in the revenue-sharing process, fostering confidence and participation within the ecosystem.

The DAO will take decisions in regards of revenue sharing and economical benefits.

By implementing revenue sharing mechanisms, TreeTherium aims to create a fair and inclusive ecosystem where stakeholders can benefit from the financial success of the platform and contribute to its sustainable growth and development.

Chapter 05 Use Cases and Applications

We are currently working on a detailed explanation of the mobile application, but let us share a first mock-up while the mobile app is in full production and in October 2024 the MVP will be delivered.

Short Explanation of the Application:

There are three main users of the application, which could over time grow with more functionality and user types.

- Funders of Projects (can plant funds)
- Land Owners (can stake their land)
- Planters (planting trees)

All three types of users can create projects (NFT's) and seek for partners in order for the project to be executed.

Each planted tree will be tokenized (NFT) to ensure the documentation of all the variables, species, location, planter, land owner and much more.

Example:

User A (a planter) creates a tree planting project with his schoolmates. User B (a land owner) welcomes them to his land for the trees to be taken care of. User C (a funder) selects the project, and funds the project. Once the project, and Tree NFT's are minted, all 3 users have an inverted interest to see this project grow.



Chapter 06 Development Roadmap

Application Roadmap and Future Development: Soon we will present a roadmap outlining the planned development milestones, and future enhancements for TreeTherium.



May 2016	Initial Idea planted, researched whitepaper written.
March 2020	Launched a website PlantTreesToday.com
January 2024	Ideas consolidated
March 2024	TreeTerium whitepaper started
September 2024	Pre-register to \$SEEDZ Token
12 October 2024	Launch TreeTherium DAO
October 2024	Launch MVP TreeTherium dAPP & Beta Testing
	Launch TreeTherium Command Center Application
November 2024	Pre-Sale \$SEEDZ Event 1
December 2024	TreeTherium dAPP - Solana TestNet
	Pre-Sale \$SEEDZ Event 2
January 2025	Pre-Sale \$SEEDZ Event 3
	TreeTherium dAPP- MainNet
1 February 2025	Pre-Sale \$SEEDZ Event 4
15 February 2025	\$SEEDZ on DEX
March 2025	Pre-Sale \$TREEZ
April 2025	LaunchPad \$TREEZ
May 2025	ICO \$TREEZ Launched on Raydium & Jupiter

Chapter 07

Team and Advisors

Treetherium is a public social organization which allows for a dynamic team of advisors to look over the well-being of the organization. Overtime we will be handing over the governance of the complete organization to our DAO partners

ProperLy Asia Sdn Bhd, a Malaysian private limited company and Malaysian MSC status company and MD company under MDEC, and is the appointed as the preferred technology partner for TreeTherium till 31 December 2030. ProperLy specializes in developing and operating the technology that powers our community, and applications. promotes tree planting programs, and seeks funding opportunities.

Meet the dedicated team behind TreeTherium.

Our vision extends beyond our current team – we aim for you, the stakeholders and DAO partners, to become the future owners of TreeTherium. Our token distribution model provides you with the necessary tools to take ownership of this global, not-for-profit organization.

“Together, we can shape a sustainable future.”



Francis L. Amptmeijer (Frank)
Co-Founder TreeTherium

Micro-electronics engineer, Serial tech-entrepreneur, inspirator, motivator and brainchild of TreeTherium.

Planted 54 trees.



Matthias Gelber

Co-Founder TreeTherium
ESG & SDG Advisory Board

35 years experience in the sustainability field, driven, passionate, educator, business builder.

Planted 130,000+ trees.



Kwai Nam Loh

Co-Founder TreeTherium
Blockchain & Crypto Advisory

Worked with the largest universities in Asia. Life-long ambition to empower people. Blockchain & Crypto educator.

Planted 43 trees.



Saiful Bahri Bin Samuel
Finance & Accounts

27 years corporate & strategic accounting, financial management & administration of oil palm plantations and real estate industry.

Planted 32 trees.



Ng Kean Lu
Funding & Acquisitions

29 years investment banking, licensed equity & derivatives participant, and 12 years property development.

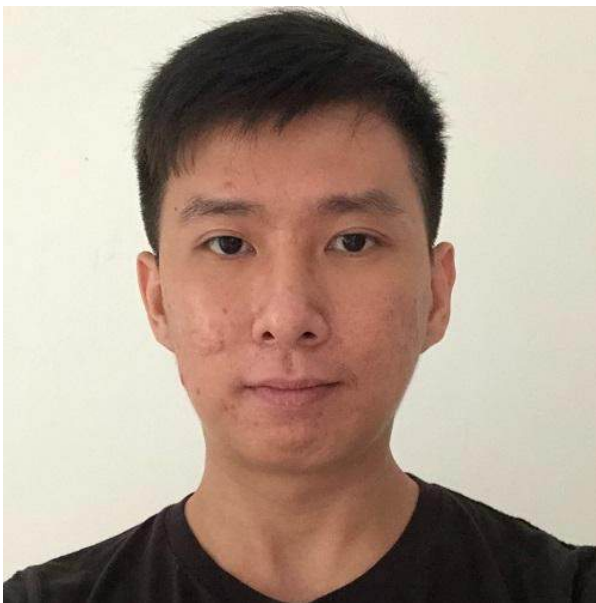
Planted 11 trees.



Rizwan Ahmed
CTO

Rizwan has been a tech-head ever since he touched his first keyboard. He has been with the team since day one, and leads the Tech Development.

Planted 16 trees.



David Jian
Teach Team Lead

Experienced full-stack blockchain developer with a strong focus on cryptocurrency and NFT projects. David leads the tech development of both the command center and the mobile application.

Planted 0 trees.



Amin Habouria

Full Stack Web & Blockchain Dev

Tech enthusiast with 7+ years of experience in the Web3 ecosystem. Passionate about the environment and public goods projects.

Planted 42 trees.



Tuan Nurulain Nabilah

Blockchain Dev

Network engineer turned to software & blockchain engineering.

Planted 6 trees.



Athiqah Tsaljun
Blockchain Dev Intern

Web2 & Web3 software engineer student.

Planted 2 trees.



Fakhru Danial
Web & Blockchain Dev


Experienced Web2 engineer, working towards fullstack Web3 engineer.

Planted 22 trees.

Chapter 08

Legal Considerations

TreeTherium is a project operating in the blockchain and cryptocurrency space. Therefore, TreeTherium acknowledges the importance of adhering to legal frameworks and regulatory requirements in all jurisdictions where it operates. The following legal considerations are essential for understanding the regulatory landscape governing TreeTherium's activities:



TreeTherium is committed to compliance with relevant local and international laws, regulations, and industry standards, including but not limited to:

Compliance and Regulation

Compliance and regulation are essential considerations of the TreeTherium ecosystem, ensuring that the project operates within legal frameworks, adheres to regulatory requirements locally and internationally, and upholds the highest standards of integrity, transparency, and accountability. Compliance measures are implemented to protect the interests of stakeholders, mitigate legal risks, and foster trust and confidence in the ecosystem.

Key aspects of compliance and regulation within the TreeTherium ecosystem include:

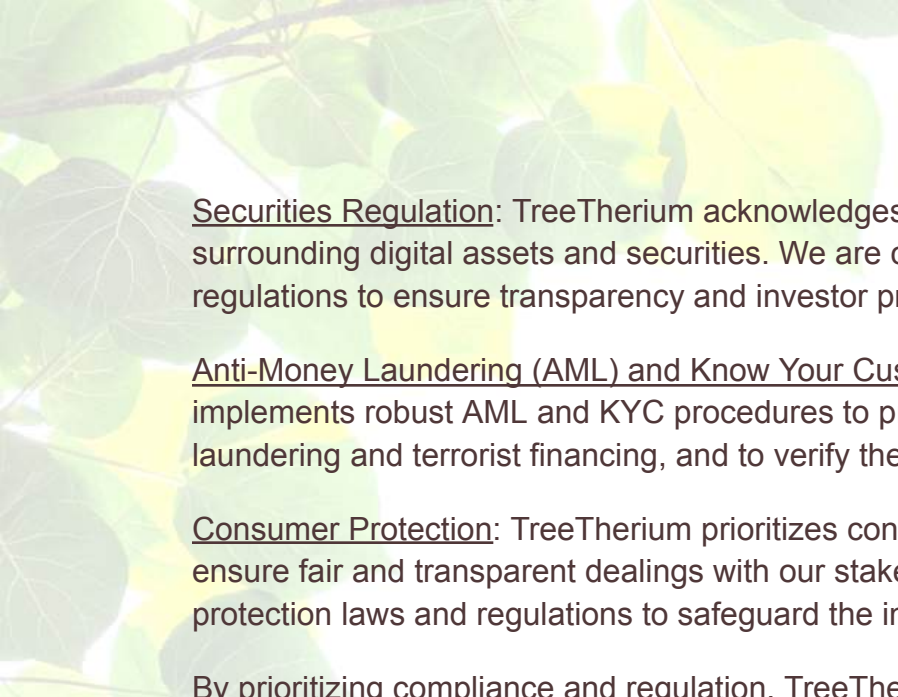
Legal Frameworks: TreeTherium operates within the legal frameworks and regulatory jurisdictions applicable to blockchain-based projects, cryptocurrencies, and environmental initiatives and programs. This includes compliance with local and international laws related to securities regulation, anti-money laundering (AML), know-your-customer (KYC) requirements, taxation, and consumer protection.

Regulatory Compliance: TreeTherium conducts thorough due diligence and legal assessments to ensure compliance with relevant laws, regulations, and industry standards. This may involve engaging legal counsel, consulting with regulatory authorities, and obtaining necessary licenses or permits to operate legally within specific jurisdictions.

Transparency and Disclosure: TreeTherium maintains transparency and disclosure practices to provide stakeholders with visibility into its operations, governance, and financial activities. This includes publishing regular reports, audits, and updates on the project's progress, financial performance, and regulatory compliance efforts.

Risk Management: TreeTherium implements robust risk management practices to identify, assess, and mitigate legal and regulatory risks associated with its operations. This may involve implementing compliance controls, conducting risk assessments, and monitoring changes in regulatory landscapes to ensure ongoing compliance.

Malaysian Legislation: The Malaysian Government is currently working towards compliance frameworks in regards to crypto tokens. TreeTherium is in close contact with the regulatory bodies to ensure TreeTherium complies with all local laws, as part of our business registration in Malaysia.



Securities Regulation: TreeTherium acknowledges the evolving regulatory landscape surrounding digital assets and securities. We are committed to complying with securities regulations to ensure transparency and investor protection.

Anti-Money Laundering (AML) and Know Your Customer (KYC): TreeTherium implements robust AML and KYC procedures to prevent illicit activities, such as money laundering and terrorist financing, and to verify the identities of users on our platform.

Consumer Protection: TreeTherium prioritizes consumer protection and strives to ensure fair and transparent dealings with our stakeholders. We adhere to consumer protection laws and regulations to safeguard the interests of our users.

By prioritizing compliance and regulation, TreeTherium demonstrates its commitment to operating ethically, responsibly, and in accordance with legal requirements. This helps build trust and confidence among stakeholders, attract institutional investors and partners, and foster long-term sustainability and success for the ecosystem.

Legal Due Diligence

TreeTherium conducts thorough legal due diligence to assess regulatory risks and ensure compliance with applicable laws in jurisdictions in the countries where we operate. This includes:

Engaging legal counsel to provide guidance on regulatory matters and legal compliance.

Conducting jurisdictional analyses to understand the legal requirements and regulatory environment in different regions.

Obtaining necessary licenses, permits, or approvals to operate legally within specific jurisdictions.

Transparency and Disclosure

TreeTherium maintains transparency and disclosure practices to provide stakeholders with visibility into our operations, governance, and financial activities. This includes: Regularly publishing reports, audits, and updates on our website and other communication channels.

Providing clear and accurate information to stakeholders regarding our tokenomics, governance structure, and ecosystem development.

Risk Management

TreeTherium implements robust risk management practices to identify, assess, and mitigate legal and regulatory risks associated with our operations. This includes:

Implementing compliance controls and procedures to ensure adherence to regulatory requirements.

Monitoring changes in regulatory landscapes and adapting our strategies and operations accordingly.

Collaborating with regulatory authorities and industry stakeholders to address emerging legal and regulatory challenges.

TreeTherium is committed to operating ethically, responsibly, and in accordance with legal requirements in all aspects of our business. By prioritizing regulatory compliance, transparency, and risk management, we aim to build trust and confidence among our stakeholders and create a sustainable and compliant ecosystem for all participants.

Chapter 09 ICO & Token Pre-Sale Details

We are currently working to inform you in detail and in depth on our Pre-Sale opportunities and ICO.

Do follow our social channels

LinkTree	https://linktr.ee/TreeTherium
Website	https://treetherium.io
Pre-registration DAO	https://forms.gle/yigHtqtot8hwMuKY8
X (Twitter)	https://x.com/TreeTherium
Facebook	https://www.facebook.com/groups/treetherium
LinkedIn	https://www.linkedin.com/company/treetherium/
WhatsApp Community	https://chat.whatsapp.com/DrzPGMsu9Z4Is0p12dIAd7
Youtube	https://www.youtube.com/@TreeTherium
Telegram	https://telegram.me/TreeTherium



Chapter 10

Shaping a Sustainable Future Together

TreeTherium represents a groundbreaking initiative at the intersection of environmental sustainability, blockchain technology, and community-driven action. Through the collaborative efforts of our team, the DAO partners, we aspire to create a platform that empowers individuals worldwide to make a meaningful impact on our planet's health and well-being.

From the inception of our ideas to the development of the TreeTherium applications, our journey has been guided by a shared vision of a greener, more sustainable world. We have leveraged cutting-edge technology, innovative solutions, and collective action to plant trees, combat deforestation, and mitigate the change to the climate on a global scale.

The pillars of our success lie in transparency, accountability, and inclusivity. We are committed to fostering a community where every voice is heard, every contribution is valued, and every action brings us closer to our shared goals. Whether you are a token holder, a tree planter, a landowner, or an environmental advocate, your participation in the TreeTherium ecosystem is instrumental in driving positive change and shaping a sustainable future for generations to come.

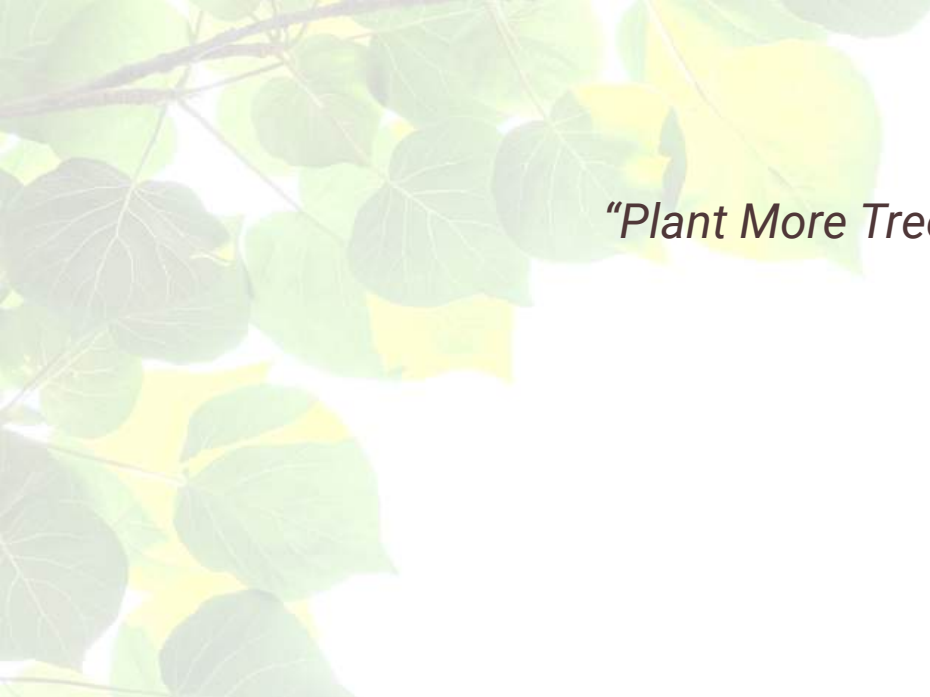
As we embark on this journey together, let us remember that our impact extends beyond the digital realm. Each \$TREE Token transaction represents trees planted, a habitat restored, and a step towards a more resilient and vibrant ecosystem. By harnessing the power of blockchain technology and collective action, we have the opportunity to create lasting change and leave a legacy of environmental stewardship for future generations.

Join us in our mission to plant trees today, transform lives, and safeguard our planet for future generations. Together, we can make a difference—one tree, one token, one community at a time.

Thank you for your support, dedication, and commitment to a greener, more sustainable future.

With gratitude,

Team TreeTherium



"Plant More Trees..!"