**Yield Generation Protocol propelling the Next Generation Tree Tracker
and Tree Adoption Platform**
SAFETREES Team
Lite Paper v1, 2021

SAFETREES – A disruptive techno-economic framework that allows users to value individual trees' capacity to absorb CO_2 and directly compensated with a digital asset – the TREES token.

SUMMARY
SAFETREES is a decentralized eco-friendly community-based project that aims to **compensate the efforts of those supporting in saving the environment** notably tree growers in rural communities and environmental groups. Its deflationary native token TREES is on Binance Smart Chain, boasting several impressive features. It is the first token with ultimate purpose and tangible product i.e. SafeTrees App tree-tracker and a Tree adoption marketplace where tree adoption would take place.

The TREES token is a sustainable carbon credit incentive utility token for tree farmer or tree-planting organization's ecological impact and contribution to curbing the effects of environmental imbalance. It is a digital asset created to compensate for greenhouse gases emission and providing more convenient alternatives to reducing one's fossil fuel consumption.

In addition, by investing in the TREES token, **holders will reap rewards** through a static reflection mechanism built-in to the smart contract algorithm, so token holders are guaranteed to watch their wallet grow indefinitely.

SOLVING THIS PROBLEM
Deforestation impacted Global Environmental Balance. Efforts for planting and tending trees is reduced due to the lack of direct financial incentives especially in many rural communities around the world.

Growing trees is a long-term project and after several years of tending hundreds or even thousands of trees, the growers can only then rip the financial benefits from tree planting. During those tree tending years, the growers especially in many rural communities are unaware that their trees have also sequestered tons of CO_2 – that benefits everyone on the planet. However, **tree growers are not financially compensated for their efforts** to providing carbon offset and ecological benefits to our planet.

With SAFETREES cross-platform mobile and blockchain technology, we will reverse this scenario. We will give awareness, direct financial incentives and more benefits to those silent heroes who are doing a tremendous effort in fighting environmental degradation. SAFETREES use a novel mobile application with a tree-tracking algorithm that allows tree growers and individuals app users to take geotagged images of their trees which automatically measures the tree attributes, register the GPS coordinates, and assigns a unique tag or number to the tree and stored the data into the blockchain as tokenized or minted information.

OUR GOALS

Creating a web and mobile platform where everyone can participate in making the world a better place. A formidable techno-economic framework that allows users to geo-tag a tree and directly compensated with digital asset (i.e. TREES Token) based on the value of individual trees' capacity to absorb CO_2

We aim that individual investors or business enterprise buy TREES token as carbon offsets to compensate for the greenhouse gas emissions caused by personal air travel or fossil-based plastic utilization. An organization or company that are unable to meet their emissions quota can offset their emissions by buying a TREES token on a cryptocurrency exchange such as Pancakeswap. This would help increase crypto-adoption in rural developing economies and provide more liquidity for the TREES token.

MISSION

10 billion trees worldwide are Geo-tagged using the SafeTree app by 2025. Our mission is to make sure that tree improvement, long-term maintenance and end-use of the trees is monitored. We also want to make sure that the technology we develop creates environmental and economic value and can serve as a reliable source of income for millions of smallholder tree growers worldwide.

WHY INVEST IN TREES TOKEN NOW

TREES token is a yield generating asset where token holders are rewarded by buying and holding the token. It is also a digital asset designed to compensate an individual's effort in restoring ecological balance by growing, tending, and tracking trees. A more convenient alternative to reducing one's fossil-fuel consumption by owning digital carbon credits. The mechanism employs a pay-to-grow-tend-track model, which allows app users like tree growers to get paid directly with TREES coin according to the attributes of each tree being monitored.

The SafeTrees App uses an algorithm that calculates and verifies the long-term ecological impact of trees notably, how much CO_2 was captured over time, calculate the ecological and financial benefits and then converts it into digitalized TREES tokens equivalent as earned carbon credits. SAFETREES community members and environmental advocates can adopt a tokenized tree (e.g. NFTs) from the tree growers who monitored and owned the real tree through the SAFETREES Adoption marketplace. The adoption process is done by purchasing or owning the tokenized or minted tree using the TREES token that is posted and available in the Adoption marketplace. As the real tree grows, it also increased its carbon absorption capacity thereby increasing the value of the representative tokenized tree NFT.

Individuals and business enterprises who decided to invest in early the TREES token for SAFETREES R&D phase would gain an advantage over competitors. With the growing involvement of significant public corporations, influential entities, non-profit organizations, and comprehensive scale of individuals in the development and adoption of blockchain platforms, we can expect governments and countries notably developing and emerging countries that are aiming for progressive policy, economics and technology advancement to gain strategic advantages.

TOKENOMICS

TREES token is created to hand it over to the community. This would be used as a carbon credit token for SafeTrees Tree Adoption marketplace. TREES is a deflationary frictionless yield aggregation protocol with great features notably:

- 3% fee auto add to the liquidity pool to locked forever when selling
- 2% fee auto distribute to all holders
- 50% burn to offset crypto-industry carbon footprint, and 3% transaction fee goes to liquidity, thus strong holder will get a valuable reward

SAFETREES team will burn liquidity LPs to burn addresses to lock the pool forever. SAFETREES team will renounce the ownership to burn addresses to transfer TREES token to the community, make sure it's 100% safe.

- Total supply: 1,000,000,000,000,000
- Lock pool for 6 months
- Token Burn: up to 50.0 %
- Private sale: 12.0 %
- Presale: 10.0 %
- Research and Innovations: 2.5 %
- Marketing and networking: 2.5 %
- Charity: 2.0 %
- Press Releases: 0.5 %
- Bounty and Airdrop: 0.5 %

A small 3% fee for liquidity will go to an address that the contract creates, and the contract will sell it and add to liquidity automatically, it's the best part of the TREES token idea – increasing the liquidity pool automatically, help the pool grow from the small initial pool.

TREES token is on Binance Smart Chain, boasting several impressive features such as:

- **Safe-auto yield generating** - 2% of all transactions are distributed to holders. Watch your wallet climb the minute you begin holding.
- **Fair launch** - 100% of the TREES supply was seeded as liquidity. That means no presale and no allocation to team members.
- **Create Stability** – 3% of every transaction is locked as liquidity in the PancakeSwap TREES/BNB pool, creating an ever-rising price floor.
- **Unruggable** – liquidity is locked in PancakeSwap and ownership of the contract has been transferred to the burn address.

ROAD MAP: 2021 and BEYOND

Q1 2021
- Idea generation and partnership creation
- One-pager (lite-white paper) proposal for teams and partners
- Token creation, tokenomics and safe launch liquidity

Q2 2021
- Establishment of technical (dev) and marketing team
- Website design and social media releases
- Exchanges listing and partnerships announcements
- Release of White Paper v1.0
- UI design and prototyping of SafeTree platforms

Q3 and Q4 2021

- Test-run and quality control for SafeTree application (mobile and web)
- Release of SafeTree platform (mobile and Web)
- Release Auction Platform
- Outreach and knowledge transfer to tree grower's community

2022 and beyond

- Livestock traceability and authentication
- Agricultural Commodities traceability and authentication
- Food Process digitalization – monitoring and traceability
- Food product traceability and authentication