- Whitepaper -

GROVETOKEN©

The Green Crypto

THE GROVETOKEN MISSION

A decentralized and secure green Token built for the future of our planet

Creating wealth, for all Grovers, by harnessing the opportunities of a secure, decentralized digital currency in an environmentally conscious way.

By compensating nature for years of abuse, Grove will create a healthier, wealthier future for all.

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1.0 INTRODUCTION

Global Green Payment System

Bitcoin's mining energy consumption and electronic waste has wide-reaching environmental consequences. With the constant debate on Global Warming amongst world leaders, crypto mining is becoming more of a concern to our natural world.

GroveToken's vision is to become the number one Global Green Payment System (GGPS). The Grove Green Plan will focus on the future of eco-blockchain technologies while creating a healthier and wealthier world for all, within the Grove ecosystem.

How? By delivering a digital currency free of mining, so you can have the confidence knowing you are part of an eco-friendly future.

GroveToken combines an Dubai based investment company with cryptocurrency. Grove is a green investment company dedicated to renewable energy, solar energy, hydroponic farming organizations and financially supporting environmental

conservation foundations.

GroveWallet© will be the first green wallet, promoting eco-friendly utilization of digital currency. Grovers will be able to buy, and sell using GroveTokens with minimal transaction costs and higher returns and rewards. This will also provide token holders the ability to stack to earn an extra passive income.

Stakers of GroveToken will be entitled to reflections generated by Token Trades on GreenOasis©, the Green Crypto Exchange. Grove will also reinvesting the majority of its recorded annual profits into GroveToken, ensuring preservation of the wealth for all shareholders.

Grovetoken is built on the Binance Smart Chain (BSC). BSC one of the fastest growing Blockchain eco-systems in the world due to rapid transaction times, low fees and less electronic wastage compared to other blockchain eco-systems.

2.0 THE GROVE TEAM

We are a team of professionals and entrepreneurs, known to be the best in the field. With over one hundred years of experience in:

> Retail Operations, running multi-million dollar businesses, Computer Engineering, Accounting, market analysis, Sales, Marketing, cryptocurrency research and trading, talent development, HR, app development, IT, and Graphic Design.

Having achieved consistent success, we are excited to revolutionize Green Crypto growth and generate sustainable revenue and profits.

MENDY PARKER
CO-FOUNDER

Over 15 years experience in executive management ranging from marketing, research, and development of multiple projects throughout the United States. Noted as the operations manager for the founding technology of online purchasing.

RICHARD SULTAN
CO-FOUNDER

Bachelor of Computer Engineering. Entrepreneur with over 25 years of experience in managing large teams and providing guidance, leadership, and enthusiasm to achieve excellent results. Passion for being the best drives me to work harder to achieve my goals. Multiple excellence awards in the past ten years.

JOHN GHEMRAWI
CO-FOUNDER

Master in Telecommunication Engineering. Highly experienced and driven Retail Business Leader, passionate about building and developing teams and achieving exceptional business outcomes. Over five years of experience in the crypto world.

JOHN ELMASRI
CO-FOUNDER

Business proprietor with over 30 years of experience in management, administration, and operations. General manager for a large multi-national corporation. Expert in process excellence, business expansion and customer relations. Passionate about nurturing talent and building future leaders.

3.0 GROVE PHILOSOPHY

What We Do Today Defines Our Tomorrow

Grove combines a Dubai-based investment company with Cryptocurrency. Grove is a Green investment company investing in renewable energy, solar, and hydroponic farming Industries.

Grove will contribute 3 per cent of all transactions towards token optimization and marketing, with a portion of this invested into charitable donations that support environmental initiatives. Additionally a further 1 per cent will be used to 'buy-back' GroveTokens to ensure the value and demand of the Token is stable.

Our Green Plan was founded to ensure the digital world becomes conscious of its impact on our natural environment.

GroveToken will allow billions of people to utilize blockchain technology in an environmentally conscious way whilst building prosperity for holders.

> **GroveToken is projected to become the flagship eco-friendly Token focusing on greener and more efficient ways of using digital currency in our day-to-day lives.**

3.1 INVESTMENT PORTFOLIO & ACQUISTIONS

3.1a Renewable Energy Market

Renewable energy is Earth's future. It is the centerpiece to the global target of reducing CO2 emissions and creating a greener, cleaner future for all.

Our long term 'Green Plan' focuses on technology that will reduce emissions and create jobs. As such, Grove will reinvest a portion of all transactions into Green industries and corporations, establishing our brand and generating returns for stakeholders

3.1b Solar Farming & Energy

Solar is an efficient form of energy and a renewable solution, lowering growing greenhouse emissions by reducing demand for coal-fired power.

Wherever there is sun, there is the capacity to utilize cryptocurrency mining farms powered by solar energy with storage and satellite connected internet. Grove will capitalize and invest in the rapid evolution of solar, while educating users on how solar farming and energy can enhance the digital world.
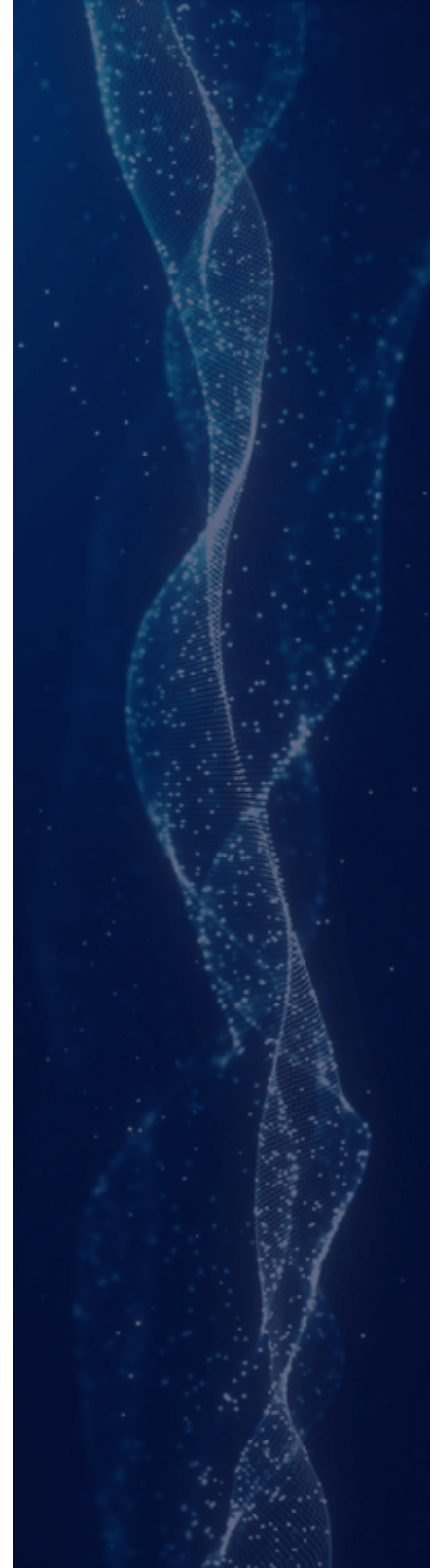
A report from **Allied Market Research** states that; "the global solar energy market was valued at $52.5 billion in 2018 and is projected to reach $223.3 billion by 2026, growing at a CAGR of 20.5% from 2019 to 2026"

Grove will be proud to be among the world leaders in solar silicon cell technology. The company will be acquiring organizations and investing in Green global growth industries to ensure we maintain healthy profits for our Token holders.

3.1c Hydroponic Farming

Hydroponics is a way to skip the soil and substitute in a different material to support the roots of plants, thereby growing crops directly in nutrient-rich water.

Grove will provide a platform to support nations who have a high reliance on imports to have more environmentally conscious and self sufficient farming methods for the production of their own fresh produce.

3.2 DONATIONS

The Green Grove Plan

Grove will bring cryptocurrency giving initiatives together to maximize social and business impact. All stakeholders in the Grove community will be a part of increasing social awareness for the preservation of our planet.

Our Grove philosophy aligns with:

- Cultivating environmental preservation
- Improve the Health of our planet
- Generating internal wealth by making our world safer

Transparency underpins all operations at Grove. As such, Grove will provide regular updates to all GroveToken holders to show development of our Green initiatives.

4.0 THE GREEN CRYPTO FUTURE

4.1 GroveKeeper© Digital Wallet

GroveKeeper© will be the first Green Wallet, promoting eco-friendly utilization of digital currencies. Users will be able to buy and sell their GroveTokens with minimal transaction costs, higher returns, and leverage the ability to stack to earn an extra passive income.

GroveKeeper's secure framework protects funds from major threats, giving
holders the confidence that their assets are securely held. Put simply, no individual can unlock the encrypted data. GroveKeeper will also develop Green features such as:

- Less energy with instantaneous transactions
- Lower energy wastage with no mining (no third-party verification)
- 100% secure eco-system
- Dividends will be paid into holders GroveKeeper wallet based on the quantity of Tokens in possession.

4.2 GreenOasis© - The Green Crypto Exchange

GroveToken will facilitate a myriad of Token swaps using the GreenOasis© an exclusive Green Crypto Exchange. GreenOasis will allow holders to trade cryptocurrencies and take advantage of fluctuating prices with low cost 'Green' transactions.

GreenOasis will deliver leading digital technologies including:

- Instant P2P
- Secure lock
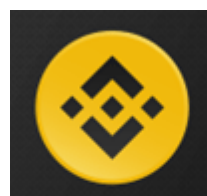- UL Certification
- Tokenize holdings

5.0 BINANCE SMART CHAIN

Leveraging Sustainable Smart Chain Tech

Smart Chain: Grove GVR

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Binance Smart Chain (BSC) is one of the fastest growing blockchains in the world. Features include rapid transactions times, low fees and charges and produces less electronic waste compared to other Blockchains. It is for these core reasons that Grovetoken will also will be exclusively on this network.

Binance Smart Chain (BSC) allows developers to build a DeFi Protocol within the Binance network. Amongst investors and developers, it is regarded as one of the most popular networks in the DeFi industry and is growing rapidly. Therefore, it is interesting to utilize it as an infrastructure for DeFi development.

It cooperates with the BEP-20 Smart Contract Standard for issuing a new token on Binance Smart Chain (BSC) network. The Binance Smart Chain (BSC) network has the function to run Smart Contracts in the same way as Ethereum which allows a fast bootstrap for the network.

The vast majority of traders and crypto enthusiasts are familiar with, and frequently use Binance, making it the ideal partner for GroveToken. By partnering with Binance, GroveToken holders have the ability to swap their tokens on popular exchanges such as PancakeSwap© with the BEP20 standard before the launch of GreenOasis© the Green Crypto Exchange.

BSC offers a comprehensive range of projects and technology not available on major networks, providing GroveToken with a facility to leverage the BSC proof-of-stake (PoS) model providing a real market advantage against other Tokens that implement the outdated proof-of-work (PoW) system.

6.0 GROVE SMART CONTRACT

Crypto Currency

The Smart Contract is one of the fundamental components within a financial blockchain. GroveToken's contract serves as the digital agreement between engaging parties that are subsequently stored in the blockchain, solidifying prior transactions.

These contracts may be determined between two parties, through peer-to-peer (P2P), Person-to-Organization (P2O) and person-to-machine (P2M) business.

Research shows that BSC smart contracts have a 3 per cent failure rate, meaning that even with smart contract audits, failures can still arise. However, smart contract bugs can be prevented.

GroveToken Smart Contract Technology proposes to combine DPoS and PoA for consensus, so that:

1. Blocks are produced by a limited set of validators
2. Validators take turns to produce blocks in a PoA manner
3. Validator set are elected in and out based on a staking based governance
4. Optimised for scaling high-performance dApps that require efficient and fast user experience.

GroveToken's Smart Contracts work similarly to those on popular networks, whereby once a given criteria is fulfilled, the financial contract is automatically performed and the holder's assets transfer into digital currency.

7.0 GROVETOKEN AUDIT

Ensuring Security

GroveToken network is currently under review with Brewlabs©. After launch, GroveToken audit will also be conducted by **Certik**, a global identity verification company offering services to online businesses to mitigate fraud attempts and assist in regulatory compliance.

Accuracy, transparency and security are integral goals for all smart contract networks. Grove will continue to validate the integrity of its smart contract.

Code audits will systematically and manually review the code on blockchain development projects using static code analysis tools in order to pinpoint errors in the code.

GroveToken will take all steps to ensure that contracts pegged to financial assets and NFTs aren't susceptible to any external threats.

Source: https://www.certik.com/ 2022

8.0 TOKENOMICS

Engage-To-Earn

BSC and Bitcoin share the same Token universe for BNB and BEP2 Tokens. This means:

- The same token can circulate via cross-chain communication mechanisms.
- Total circulation of the same token should be managed across the two networks.
- The tokens can be initially created on BSC in a similar format as ERC20 token standard, or on BC as a BEP2, then created on the other.

| $GRV IS AN ENGAGE–TO-EARN (ETE) THAT PROVIDES USERS WITH INCENTIVES |

Grove holders play an integral role in decentralized governance and future investment in the Grove ecosystem.

8.1 Token Distribution

TOKEN GROVE	**TICKER** $GVR	**NET SUPPLY** 100 QUAD	**DECIMAL** 18	**TOKEN TYPE** UTILITY
MARKETING 3%	**REFLECTIONS** 3%	**AUTOBURN** 2%	**AUTO LIQUIDITY** 1%	**BUY BACK** 1%

It's important to note, Grove exacts a 1% buy-back tax on each transaction made, before storing the money collected inside the contract.

Whenever a sale occurs, a fraction of the buyback is used to purchase Tokens from the liquidity pool, which are immediately burned post-transaction.

Implementing the wealth distribution and sustainable philosophy, Grove envisions the Decentralized Autonomous Organization (DAO) to act as an anti-dump and security governance, preventing users with a significant Token balance from destabilizing the overall value of the Token.

8.2 Token Distribution

The staking periods will be offered in increments - the longer staking, the higher the reward. In this respect, Grove is the ecosystem where users can diversify their income streams by investing and staking their funds to claim higher and fairer returns.

These rewards stem from the contract fees exacted from platform transactions which are later stored on the network. Once this number is sufficient enough to redistribute evenly, eligible holders will begin receiving their funds based on the network currency.

It's important to note that the higher the volume of transactions, the more Tokens that will be distributed throughout the network.

8.3 Play-to-Earn

Play-to-Earn will enable players to acquire digital assets and Tokens, as well as the ability to increase their value through game play.

Digital assets and Tokens can either be sold to other players in the game or sold in an outside marketplace. We are planning partnerships with major game developers and networks in the future metaverse.

9.0 DECENTRALIZED AUTONOMOUS ORGANIZATION

Community Governance

> **Community governance will protect all Token holders, who will be rewarded based on the number of GroveTokens they hold at any given time**

Decentralized Autonomous Organization (DAO) is an entity with no central leadership. This ensures all decisions are made with a bottom-up approach and is governed by a specific rule-set community approach.

Through this governance structure Grove will guard against 'pump and dump' schemes, preventing users from offloading more than the pre-set quantity of Tokens through a single transaction.

Grove will enable the influence of community representatives who are able to debate and distill technical changes.

With reason and transparency, System Configuration Variables that can be changed amongst the council include:

- Network values
- Balance changes
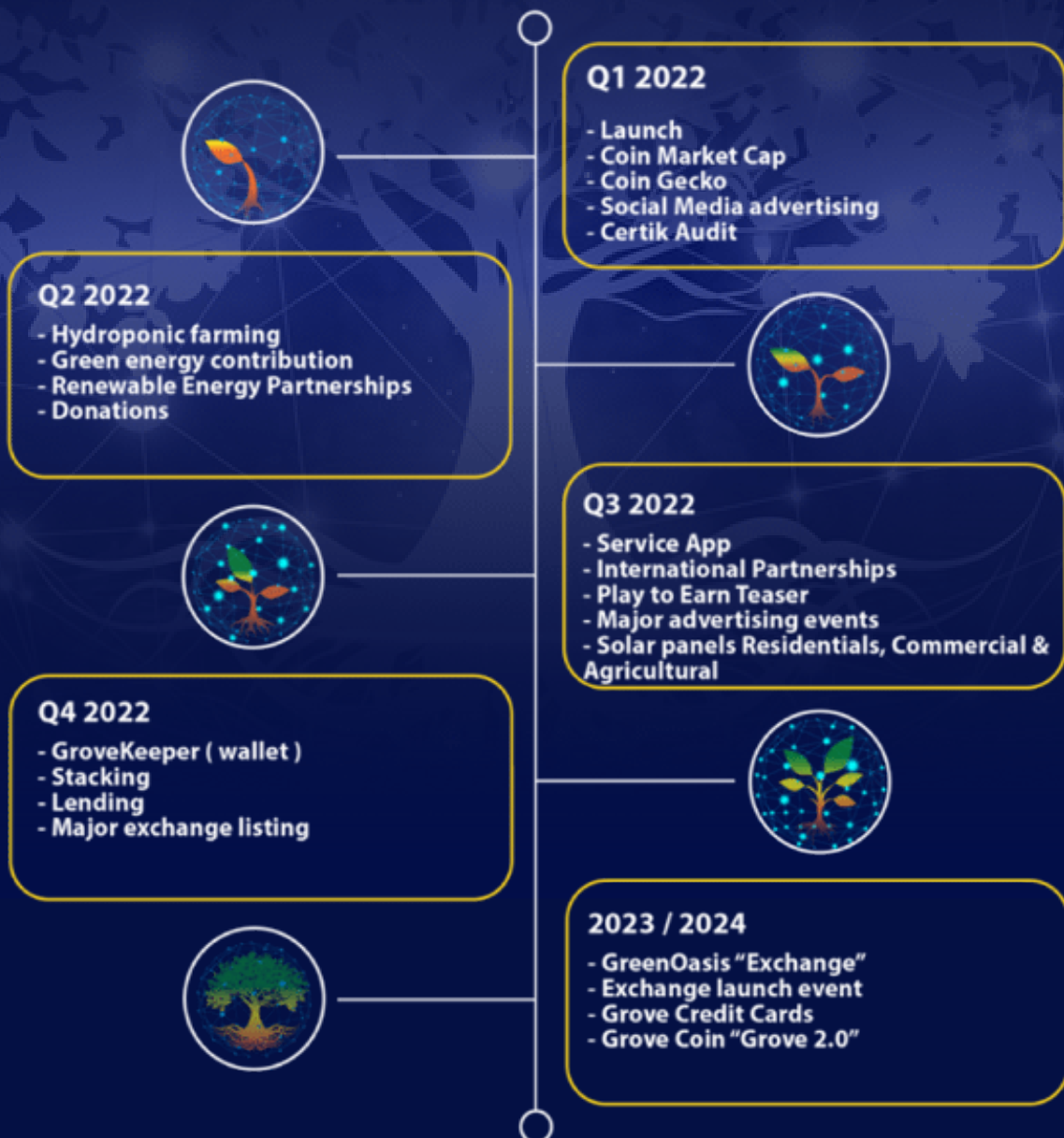- Marketplace charges
- Capture mechanics

10.0 ROADMAP

Creating Sustainable, Long-Term Growth for all Grovers

Our Roadmap focuses on financial freedom, redistributive crypto technology and providing a system for people to participate in preserving our natural world on a decentralized, scalable and open-source secure network.

It is important to note that the timeline assumes no major roadblocks to development. Any delays will be communicated to the Grove community as a matter of urgency.

Snapshot of the Future of GroveToken

Q1 2022
- Launch
- Coin Market Cap
- Coin Gecko
- Social Media advertising
- Certik Audit

Q2 2022
- Hydroponic farming
- Green energy contribution
- Renewable Energy Partnerships
- Donations

Q3 2022
- Service App
- International Partnerships
- Play to Earn Teaser
- Major advertising events
- Solar panels Residentials, Commercial & Agricultural

Q4 2022
- GroveKeeper (wallet)
- Stacking
- Lending
- Major exchange listing

2023 / 2024
- GreenOasis "Exchange"
- Exchange launch event
- Grove Credit Cards
- Grove Coin "Grove 2.0"

CONNECT WITH US

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DISCLAIMER

GroveToken is the first community governed green utility token. $GRV is a digital asset with no associated rights at this time other than governance rights. Under GroveToken decentralized governance structure, members of the Grove council are elected by holders and will determine features that may result in portion of revenue generated from the token. Any benefit is not yet determined and will be set by the Council from time to time. Any prior statements of potential benefits of holding $GRV are suggestive only and yet to be determined by the Grove Council. A person acquiring $GRV has no actual, contingent or prospective rights to any such benefits and accordingly should have no hope or expectation of any benefits being provided to them. If any benefits are provided at a later time, they are subject to change by the Council. Any person considering acquiring $GRV should consider seeking independent advice. Grove recommends all individuals to do their own research. We do not give any financial advice.