



- Whitepaper -

# **GROVECOIN**®

The Green Crypto



# THE GROVETOKEN MISSION

**A decentralized  
and secure  
green virtual  
currency 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, GroveToken seeks to create a healthier, wealthier future for all.



# TABLE OF CONTENTS

## 1.0 Introduction

## 2.0 The Grove Team

## 3.0 The Grove Philosophy

- 3.1 Grove investment Portfolio & Acquisitions
  - 3.1 a: Renewable Energy
  - 3.1 b: Solar Technology
  - 3.1 c: Hydroponic Farming
- 3.2 Donations

## 4.0 The Grove DeFi Ecosystem

- 4.1 GroveKeeper© Green Digital Wallet
- 4.2 GroveX© Green Digital Wallet

## 5.0 GroveCoin Network

## 6.0 Grove Smart Contract

## 7.0 Grove Audit

## 8.0 Tokenomics

- 8.1 Token Distribution
- 8.2 Staking GroveToken
- 8.3 Node Investment

## 9.0 COMMUNITY SUPPORT AND ENGAGEMENT - THE 'GROVE GREEN ARMY'

## 10.0 Road Map



# 1.0 INTRODUCTION

## Grove Green Plan

The energy consumption and electronic waste generated by traditional cryptocurrency mining methods has wide-reaching environmental consequences. As the world looks for greener solutions to tackle climate change the public perception of cryptocurrency hampers its massive, untapped potential to be a driving force for positive change.

The Grove Green Plan is how GroveToken aims to reverse that negative view and help crypto realize its latent potential. It is the guiding outline for the hybrid 'green crypto' blockchain ecosystem and planet-friendly investment business GroveToken is building to pursue the mission of a healthier and wealthier future for all.

**The GroveCoin** (\$GRV) itself is the native token of a 'Proof-of-Stake' Blockchain of the same name. This token supply protocol is counter to the environmentally harmful 'Proof-of-Work' mining approach. The GroveCoin blockchain facilitates an entire ecosystem of digital finance utilities, as well as allowing other projects to develop on the same network. A portion of GroveBusiness profits go to burning the Coin supply, ensuring ongoing value to holders.

**GroveKeeper**, the digital asset wallet provides an easy to use and secure method for investors to obtain and hold their cryptocurrencies and NFTs. With multiple layers of insurance and access to a DApps browser to connect to the GroveSwap DEX as well as staking and farming platforms for passive income opportunities. GroveKeeper will be a platform that maximizes useability while utilizing cutting-edge cybersecurity methodologies to protect users.

The **GroveX** CEX is the capstone of GroveToken's DeFi utilities. A robust, easy-to-use exchange for first time investors or seasoned industry veterans. Tokenomics support makes it more attractive to list on for developers and far more rewarding for the communities that support projects to engage with.

The **'GreenOasis'** program within GroveX is a unique support platform for GroveToken's fellow 'green crypto' projects; offering support and partnership incentives that would help eco-friendly but potentially very niche projects receive awareness and attention in the broader market by leveraging the brand name power of GroveToken.



# 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.



**JOHN GHEMRAWI**  
**CHIEF EXECUTIVE OFFICER**  
**& CHIEF FINANCIAL**  
**OFFICER**

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.



**CARLO DI CLEMENTE**  
**CHIEF OPERATING**  
**OFFICER**

Business leader with over 30 years experience in retail operations, national product development, marketing, and large format Retail Franchise Director. Passionate about people and creating outstanding Customer Experiences organically leading to outstanding business success



**NOUHA ELMASRI**  
**CHIEF MARKETING**  
**OFFICER**

Marketing and content development leader with over seven years experience in B2B and B2C marketing, public relations, content creation and community engagement. Passionate about empowering and supporting teams to think innovatively and deliver outstanding results.



# 3.0 GROVE PHILOSOPHY

## What We Do Today Defines Our Tomorrow

The GroveBusiness investment model seeks not only to fund research and development of emerging sustainable technologies and products, but provide them as well.

An example is GroveToken's 'Future Farming Solutions', launched in October 2022 with the aim of delivering products and equipment to help combat growing food scarcity. A significant portion of the profits from GroveBusiness are allocated to the supply reduction of GroveCoin, driving up the value and thus creating a mutual support between the cryptocurrency and practical business.

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

The GroveCoin blockchain will allow billions of people to engage in digital finance in a secure, efficient and environmentally conscious way whilst building prosperity for holders.



**GroveCoin 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 & ACQUISITIONS

## 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, GroveToken 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.

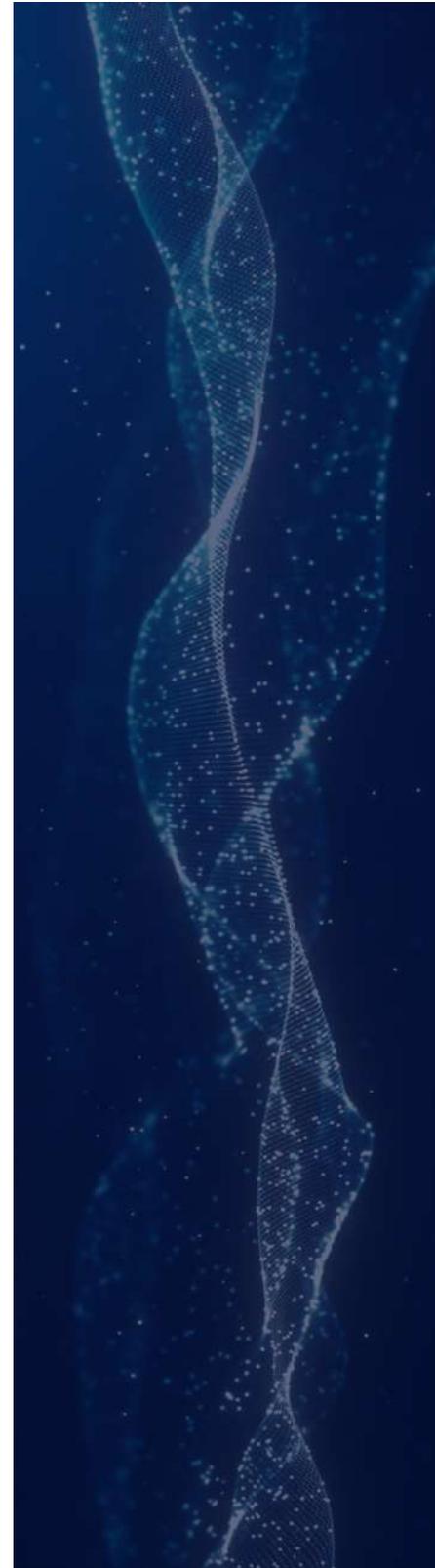
A report from **Allied Market Research** states that; "the global solar energy market was valued at \$52.5 billion in 2018 and is projected to reach \$223.3 billion by 2026, growing at a CAGR of 20.5% from 2019 to 2026."

Grove will be proud to be among the world leaders in solar silicon cell technology. Utilizing its UAE HQ as a testing field and showroom the company will be acquiring organizations and investing in Green global growth industries.

## 3.1c Future Farming Solutions

Focused on Hydro & Aeroponic farming solutions at residential, retail and commercial scales Grove is looking to increase accessibility to products and technologies that will allow the world to tackle rising food scarcity.

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 Grove Green Plan

Grove will bring cryptocurrency giving initiatives together to maximize social and business impact. All holders 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
- Improving the health of our planet while addressing resource scarcity
- Generating internal wealth by making our world safer

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



# 4.0 THE GROVE DEFI ECOSYSTEM



## 4.1 GroveKeeper<sup>®</sup> Digital Wallet

GroveKeeper, the digital asset wallet provides an easy to use and secure method for investors to obtain and hold their cryptocurrencies and NFTs. With multiple layers of insurance and access to a DApps browser to connect to the integrated GroveSwap DEX as well as staking and farming platforms for passive income opportunities.

GroveKeeper will be a platform that maximizes useability while utilizing cutting-edge cybersecurity methodologies to protect users while boasting features such as:

- Minimal possible transaction fees
- Lower energy wastage with no mining (no third-party verification)
- Multiple layers of insurance
- Tokenomics distribution methods that minimize negative chart impact

## 4.2 GroveX<sup>®</sup> Centralized Exchange

The GroveCoin blockchain will power GroveX. GroveX will allow holders to trade digital assets and take advantage of fluctuating prices with low cost transactions.

The 'GreenOasis' program within GroveX is a unique support platform for GroveToken's fellow 'green crypto' projects; offering support and partnership incentives that would help eco-friendly but potentially very niche projects receive awareness and attention in the broader market by leveraging the brand name power of GroveToken.





# 5.0 GroveCoin Network

The GroveCoin Chain will be a fork of the Ethereum (ETH) network architecture

**GroveCoin GRV Chain**

**0xF33893DE6eB6aE9A67442E066aE9aBd228f5290c**



Although cryptocurrency is a young industry many regard the Ethereum (ETH) blockchain as a fundamental cornerstone; retaining the second highest native coin (Ether) by market capitalization behind only Bitcoin.

It boasts a broad and versatile network architecture for developing Web3 utilities and well-known open source design making it easy to integrate into effectively all data structures. For these core reasons that the GroveCoin blockchain will be developed as a hard fork of the ETH structure and then look to grow along its own, unique path.

With the success of the 'Merge' in September 2022 the Ethereum network successfully transferred its service in a live environment from a Proof-of-Work block validation consensus to Proof-of-Stake. Increasing the overall network security and cutting its net energy consumption by 99% by no longer requiring mining of blocks.

This event demonstrated not just the robustness of the platform but a clear example of how cryptocurrency had much to gain in progress towards mass adoption by moving towards greener initiatives and practices. The unity and shared potential of sustainability and blockchain technology is the core ethos of GroveToken as a business.

The capacity to develop and execute Smart Contracts in the same style as Ethereum on a less-burdened and thus more fee optimised network is another core advantage of the GRV blockchain.

These smart contracts allow developers to design their DeFi projects specifying elements such as supply and tokenomic tax structure to tailor to their specific needs on an established, secure and accessible structure. In return the native Coin of the network is used by investors to execute transactions increasing its overall trading volume and value.



# 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 Etheruem based smart contracts have an approx. 3 per cent failure rate, meaning that even with smart contract audits, failures can still arise. However, smart contract bugs can be prevented.

GroveCoin Smart Contract Technology will utilize Proof-of-Stake (PoS) as a block consensus mechanism, so that:

1. Blocks are produced by validators staking their assets to the network
2. Validators randomly take turns to produce blocks in a PoS manner
3. Validator set and efficiency is based on on the quantity of staked coins or tokens
4. Stakers are rewarded for their contribution to the network with a proportional amount of the staked asset.

GroveCoin'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

The GroveCoin network has been audited by **Certik**, a global identity verification company offering services to online businesses to mitigate fraud attempts and assist in regulatory compliance and to guarantee the security and performance of the network. These audits provide investors to engage in Staking and Farming functionality which will be available across all network chains of GroveCoin (BSC, ETH & GRV).

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

## A Platform for the Future

The native GroveCoin of the same-name network will have 0 Tokenomics, meaning no tax rate beyond network fees will be charged on transactions. This structure means other tokens or DeFi projects are incentivized to build on the GRV network and impose their own tokenomics structure for Engage-to-Earn mechanisms without fear of creating a compounding tax effect with the native Coin.

- The same token can circulate via cross-chain communication bridges'.
- Total circulation of the same token should be managed across all three networks.
- GroveCoin can be created as a BEP20, ERC20 or GRV20 protocol token.

### | \$GRV IS A PLATFORM FOR THE FUTURE OF DIGITAL FINANCE |

GroveCoin holders are invited to play an integral role through community engagement on future developments within the GroveCoin Digital Asset ecosystem.



## 8.1 Token Distribution

<b>TOKEN</b> GROVECOIN	<b>TICKER</b> GRV	<b>NET SUPPLY</b> 100 MILLION CIRC. & OPERATIONAL	<b>DECIMAL</b> 8
---------------------------	----------------------	---	---------------------

The 0% Tokenomics structure means other tokens or DeFi projects are incentivized to build on the GRV network and impose their own tokenomics structure for Engage-to-Earn mechanisms without fear of creating a compounding tax effect with the native Coin.

GRV Native Contract: 0xF33893DE6eB6aE9A67442E066aE9aBd228f5290c

GRV-BEP20 Contract: 0xF33893DE6eB6aE9A67442E066aE9aBd228f5290c

GRV-ERC20 Contract: 0xF33893DE6eB6aE9A67442E066aE9aBd228f5290c

## 8.2 Staking and Farming

Staking and Farming are passive income utilities available to GroveCoin across all networks. The Annual-Percentage-Yield (APY) structure fixes the return rate for the duration of the Staking or Farming pool. Coins held in this way will be rewarded a proportionate amount of passive token generation of GroveCoin.

Staking and Farming Pools Available (January 2023)

### **STAKING:**

No Lock Period - 15% APY

30 Day Lock Period - 25%

90 Day Lock Period - 40%

180 Day Lock Period - 50%

360 Day Lock Period - 60%

### **FARMING:**

No Lock Period - 20% APY

360 Day Lock Period - 80% APY

## 8.3 Node Investment

The GroveCoin network will allow for investors to purchase nodes on the blockchain. Network traffic directed through this node rewards the owner with a proportionate amount of passive token generation of GroveCoin.





# 9.0 COMMUNITY SUPPORT AND ENGAGEMENT - THE 'GROVE GREEN ARMY'

## Fostering Investor Confidence

**Involvement and consultation are the hallmarks of a thriving digital community. Investors are empowered to have their say on upcoming events and promotions**

GroveToken is dedicated to building a successful and thriving community underpinned by the principles of support and collaboration.

Through collaborative co-creation, our investors - the Grove Green Army - are empowered and their voices are heard.

Together we're able to enact transformative change and deliver the products, services and upgrades our community wants and needs.

Investors are consulted on:

- Markets and listings
- New community channels
- Future initiatives and investment priorities
- Merchandise
- Promotions



# 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.



# CONNECT WITH US



[www.grovetoken.com](http://www.grovetoken.com)  
<https://linktr.ee/GroveCoin.GRV>  
[admin@grovetoken.com](mailto:admin@grovetoken.com)

## DISCLAIMER

GroveToken is a digital finance-backed investment business. The GroveCoin \$GRV is a digital asset with no associated rights at this time other than governance rights.

Any prior statements of potential benefits of holding \$GRV are suggestive only. 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.

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.



GroveToken 2023©

