



- Whitepaper -

# GroveCoin<sup>©</sup>

Where Technology Meets Green



# THE GROVECOIN MISSION

GroveCoin is on a mission to create wealth and prosperity for all individuals by leveraging the potential of a secure and decentralized digital currency while prioritizing environmental consciousness.

With a deep commitment to environmental sustainability, GroveCoin aims to address the consequences of past ecological harm by providing compensation to nature. By doing so, GroveCoin seeks to restore balance and contribute to a healthier and more prosperous future for everyone.

Through its innovative approach, GroveCoin envisions a world where economic growth and environmental well-being go hand in hand. By embracing a sustainable mindset and actively taking steps to mitigate past abuses, GroveCoin is dedicated to creating opportunities that benefit both individuals and the planet.

Join GroveCoin on this transformative journey towards a future where crypto investment is aligned with environmental stewardship. Together, we can build a more sustainable and inclusive economy for the benefit of 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 GroveBlockchain Connection Details
- 8.3 Network Validators

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

## 10.0 Road Map



# 1.0 INTRODUCTION

## Grove Green Plan

Traditional cryptocurrency mining methods, including high energy consumption and the generation of electronic waste, pose extensive environmental challenges. As the world is shifting towards greener solutions to address climate change, the current public perception of cryptocurrency often obscures its vast potential to drive transformative change.

The Grove Green Plan is GroveToken's initiative to change this perspective and unlock the latent promise of cryptocurrency. It serves as a blueprint for the hybrid 'green crypto' blockchain ecosystem and the eco-friendly investment business that GroveToken is dedicated to building. Their ultimate mission is to promote a future that is healthier and more prosperous for everyone.

**GroveCoin (\$GRV)**, as the native coin of the 'Proof-of-Authority' Blockchain of the same name, offers a token supply protocol that contrasts with the environmentally damaging 'Proof-of-Work' mining approach. The GroveCoin blockchain creates a comprehensive ecosystem of digital finance utilities and opens up opportunities for other projects to develop on the same network. The mutual support between the GroveCoin network and the GroveBusiness model enables exposure and synergy amidst the vibrant and expanding markets of crypto and sustainable technology.

**GroveKeeper**, the digital asset wallet, offers investors a secure and user-friendly platform to acquire and hold their cryptocurrencies and NFTs. With multi-layered insurance and access to a DApps browser connecting to the GroveSwap DEX, GroveKeeper is designed to maximize usability while leveraging cutting-edge cybersecurity measures for user protection.

As the pinnacle of GroveCoin's Digital Finance utilities, the **GroveX** CEX provides a robust, intuitive exchange platform for both novice investors and seasoned industry professionals. Offering access to spot and futures trading, integration with the GroveCoin DeFi dashboard, and the unique 'GreenOasis' support program for fellow 'green crypto' projects, it fosters a collaborative network of projects committed to environmental or humanitarian objectives. Thus, it brings together diverse initiatives seeking a better world under the united banner of Grove.

**GroveGold (\$GRVG)**, a digital asset backed by actual gold, serves as a bridge between the time-tested reliability of precious metals and the pioneering potential of blockchain technology. 1 GRVG = 0.02G of Gold.



# 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**

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 approach not only funds the exploration and creation of burgeoning sustainable technologies and products but also aims to deliver them.

For instance, the GroveCoin's 'Future Farming Solutions' initiative was launched in October 2022 with a mission to provide necessary tools and products to tackle escalating food scarcity issues. The reciprocal relationship between the GroveCoin network and the GroveBusiness model ensures mutual growth, creating a powerful synergy between the vibrant, expanding realms of cryptocurrency and sustainable technology.

The Grove Green Plan was established with a commitment to foster digital consciousness regarding its impact on our natural ecosystem.

The GroveCoin blockchain intends to enable billions of people to participate in digital transactions securely and efficiently, while also being mindful of their environmental footprint, thereby nurturing prosperity for its stakeholders.



**GroveCoin is projected to become the flagship eco-friendly project 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 the bedrock of our planet's future, acting as the focal point in the worldwide objective of curbing CO2 emissions and forging a cleaner, greener future for everyone.

Our long-term 'Green Plan' centers on technologies that can lower emissions and stimulate job creation. To this end, GroveCoin will channel a portion of all transactions back into green industries and companies. This strategy not only fortifies our brand but also yields returns for our stakeholders.

## 3.1b Solar Farming & Grove Energy Solutions

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

On February 3rd 2023, GroveCoin formally announced the formation of 'Grove Energy Solutions' with Australian solar provider WAEnergy to provide global clean energy solutions through solar panel installation and Power Purchase Agreements (PPA) providing decentralised power contracts from 5 to 30 years in length to individual and organisations while also driving brand awareness of the Digital Finance Ecosystem.

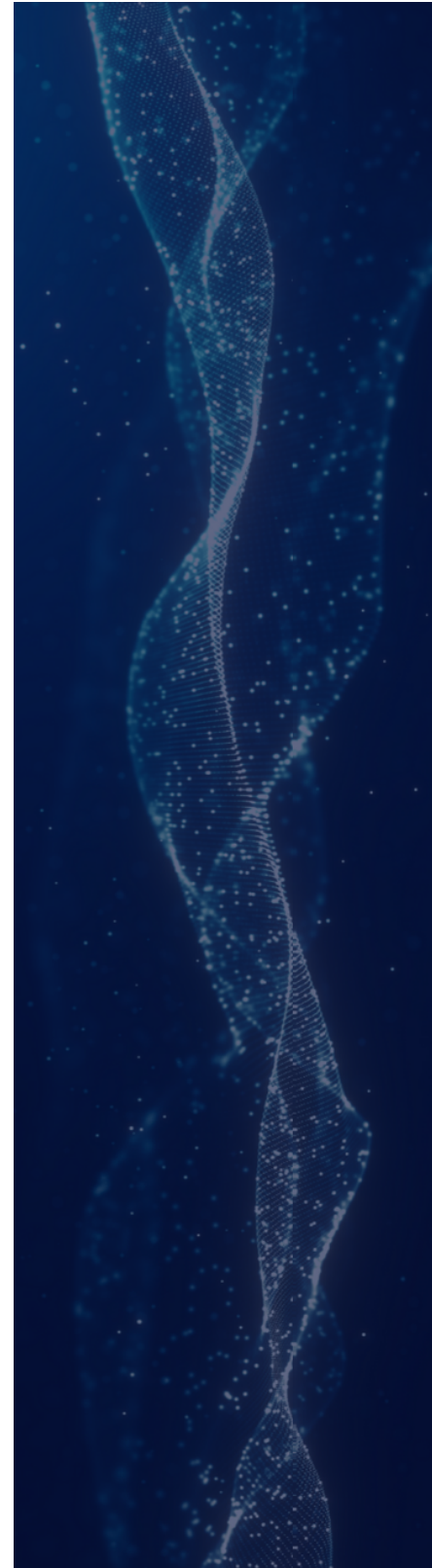
Grove seeks to capitalize and invest in the rapid evolution of the solar market, while also investigating the many potential roles and uses of blockchain technology in the green energy revolution.

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."

## 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 DIGITAL FINANCE ECOSYSTEM

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

GroveKeeper, our digital asset wallet, presents a secure and user-friendly platform for investors to acquire and manage their cryptocurrencies and NFTs. It comes with multiple layers of insurance and provides access to a DApps browser, facilitating connectivity to the integrated GroveSwap DEX and platforms for staking and farming, thus offering passive income opportunities.

Designed to prioritize usability, GroveKeeper employs cutting-edge cybersecurity techniques to safeguard users. It stands out with its array of features, including:

- Minimal transaction fees, reducing the cost of operations.
- Lower energy consumption by eliminating mining and, thus, the need for third-party verification.
- Several layers of insurance, offering enhanced asset protection.
- Project ranking based on a variety of metrics, facilitating informed decision-making.
- Tokenomics distribution methods designed to mitigate adverse chart impact.

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

The GroveCoin blockchain will underpin GroveX, facilitating holders to transact digital assets while taking advantage of price fluctuations with low transactional expenses.

A unique element within GroveX is the 'GreenOasis' program. This initiative lends support to 'green crypto' projects associated with GroveCoin, providing them with assistance and incentives for partnerships. Harnessing the robust brand reputation of GroveCoin, these environmentally conscious and potentially specialized projects have the opportunity to achieve wider market exposure and recognition.





# 5.0 GroveCoin Network

The GroveCoin Chain is a EVM-Compatible Proof-of-Authority Network.

**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 it's 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 GroveCoin 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 optimizer 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 it's overall trading volume and value.



GroveToken 2022©



# 6.0 GROVE SMART CONTRACT

## Crypto Currency

The Smart Contract is one of the fundamental components within a financial blockchain. GroveCoin'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 Ethereum 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-Authority (PoA) as a block consensus mechanism, so that:

1. Blocks are produced by approved 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 and each block requires multiple validators to approve
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 GroveCoin AUDIT

## Ensuring Security

The GroveCoin network has undergone thorough auditing by **Certik**, a leading global identity verification company that helps online businesses prevent fraudulent activities and ensure regulatory compliance. This audit confirms the network's security and performance, providing investors with confidence. As a result, staking and farming functionalities are now available across all network chains of GroveCoin (BSC, ETH & GRV), further enhancing investment opportunities.

### Audit Link:

<https://skynet.certik.com/projects/grovecoin>

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.

GroveCoin 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.

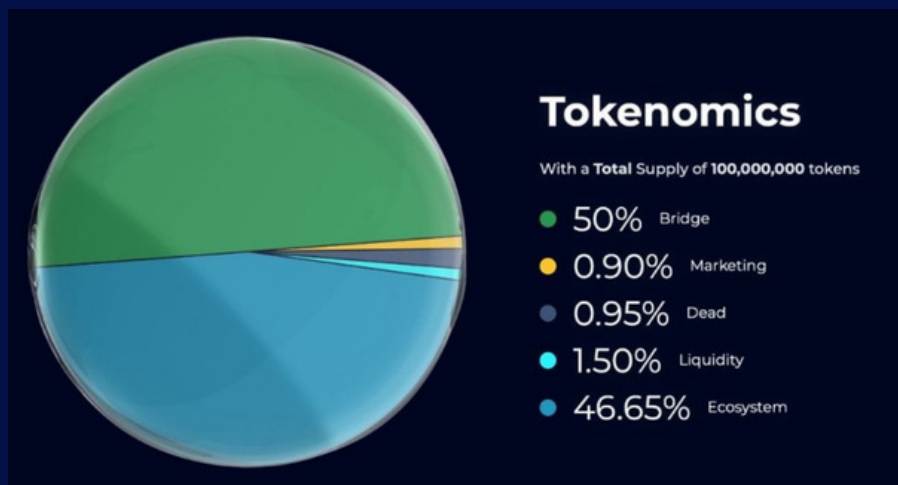
- The same token can circulate via cross-chain communication bridges.
- Total circulation of the same token should be managed across all three networks.
- GroveCoin can be created as a BEP20, ERC20 or GRV20 protocol token.

### | \$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



## 8.2 GroveBlockchain Connection Details

Below are the connection details for the GroveCoin native network, including both the live mainnet and testnet for developers to securely develop and test the functionality of their smart contracts in a 'sandbox' environment.

A faucet is also included to generate testnet GRV coins with which to test network fees and contract responsiveness.

GRV Contract Address (All Chains): **0xF33893DE6eB6aE9A67442E066aE9aBd228f5290c**  
Default Decentralised Exchange: **<https://app.groveswap.io/swap>**

### GroveBlockchain Mainnet Network

**Name: Grove**

**URL: <https://mainnet.grovechain.io>**

**ID: 770077**

**Symbol: GRV**

**Explorer: <https://grvscan.io>**

### GroveBlockchain Testnet Network

**Name: Grove**

**URL: <https://testnet.grovechain.io>**

**ID: 770077**

**Symbol: GRV**

**Faucet: <https://faucet.grovechain.io/>**

**Explorer: <https://grvscan.io>**

## 8.3 Network Validators

The GroveCoin network will allow for investors to create nodes on the network and apply to become validators through a KYC process. These authorised nodes are used to validate transactions on the blockchain and as such are a core part of the growth of the platform. These validator slots will be opened to individuals or organisations as required by network demands.

As a Proof-of-Authority network, these nodes will have to be validated by GroveCoin and act with fellow validators to approve transactions as per the QBFT-PoA model. This validation structure increases the overall security and integrity of the network while also addressing the potential centralization issues that can occur in traditional PoA structures.





# 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**

GroveCoin 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

## Cultivating Sustainable, Enduring Progress for the Entire Grove Community

Our roadmap is anchored in three fundamental principles: enabling financial autonomy, advancing redistributive crypto technology, and establishing a platform for people to contribute to environmental conservation through a decentralized, scalable, and secure open-source network.

Please note that this timeline presumes a smooth progression of development without major obstacles. Should any delays arise, they will be promptly communicated to the Grove community as a priority.





# CONNECT WITH US



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

## DISCLAIMER

GroveCoin operates as a digital finance-driven investment entity. The GroveCoin \$GRV is a digital asset that currently holds no rights, except for governance privileges.

Any previous statements indicating potential advantages of holding \$GRV should be regarded as purely speculative. Acquirers of \$GRV have no actual, contingent, or prospective entitlement to any such benefits and should, therefore, harbor no anticipation or expectation of any such benefits being conferred upon them.

Any individual contemplating the acquisition of \$GRV should consider seeking independent counsel. Grove strongly advocates for individuals to conduct their own due diligence. We do not provide any financial advice.

Regarding crypto investment risks, it's important to note that the value of cryptocurrencies can be extremely volatile and unpredictable, which can result in rapid and substantial losses. Investors should be aware that they could lose all or part of their investment. We encourage potential investors to understand the nature and risks associated with cryptocurrency investments and to seek advice from an independent financial advisor if necessary.

