



# MINDWAVE LITEPAPER

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[www.mindwavedao.com](http://www.mindwavedao.com)

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# Table of Content


Purpose of LitePaper.....	3
Introduction.....	4
What is MindWave?.....	7
MindWave Benefits.....	8
Yield-Generating Trading Strategies.....	9
Market Making and Liquidity Strategy.....	12
NILA Token.....	13
Roadmap.....	15
Contact	



# Purpose of LitePaper

This paper sets out the context of how MindWave Ltd., will collateralize Bitcoin assets within the holding company, to grow its Bitcoin portfolio by investing Bitcoins in yield-generating trading strategies, and by using BTC as collateral to invest in market-making and liquidity pools of carefully selected and vetted Decentralized Finance (DeFi) projects. This paper will also outline specifics of our native utility token 'NILA Token,' launching in April 2024.

The NILA Token is being issued and sold by MindWave, a company registered in Mauritius. Please note that MindWave reserves the right to update any timings of the project rollout and/or the utility features of the NILA Token at its sole discretion, and this LightPaper may be updated from time to time accordingly.







# Introduction

In the rapidly evolving world of cryptocurrency investments, traditional financial norms clash with the decentralized principles of blockchain technology. MindWave stands out as a symbol of innovation, addressing key challenges and unlocking new opportunities in the digital asset markets.



# The Problem



Despite its rapid growth, the cryptocurrency market faces significant hurdles that hinder its ability to reach its full potential. These challenges stem from issues like the limited availability of assets for trading (fragmented liquidity), unpredictable and large fluctuations in prices (heightened volatility), and ongoing worries about keeping investments secure and trustworthy. While there are opportunities to make profits despite these risks, many investors are hesitant to fully engage due to the potential dangers involved.

In this competitive landscape, numerous companies are vying for the top spot. However, none have successfully overcome the gap between risk and reward or provided a comprehensive solution to navigate the complex challenges inherent in managing cryptocurrency assets.





# The Opportunity

A clear gap becomes evident—a disparity between the immense potential of digital asset derivatives markets and the necessary tools to leverage it effectively. MindWave doesn't see this gap as merely an absence, but rather as an opportunity—a chance to transform crypto investment strategies.

# The MindWave Solution

MindWave embarks on a new path, driven by a mission to make crypto investment accessible to all while minimizing associated risks. Our innovative strategy breaks down barriers and unleashes the untapped potential of digital assets.







# What is MindWave?

MindWave, a trading fund and a Mauritius corporation holding **24,800 Bitcoins**, serves three distinct purposes:

- To grow its Bitcoin portfolio by investing BTC in yield-generating trading strategies.
- To grow its Bitcoin portfolio by using BTC as collateral to invest in market-making and liquidity pools of carefully selected and vetted Decentralized Finance (DeFi) projects.
- To Reward its investors for participation in the MindWave ecosystem.

Mindwave will allocate 70% of its investments towards BTC yield-generating strategies, and 30% into market-making and liquidity pools of carefully selected projects.





# MindWave Benefits



## Advanced Security



By employing a hybrid infrastructure supported by advanced custody solutions and multi-signature configurations, MindWave reinforces the protection of cryptocurrency assets against external threats. Investors can have peace of mind, knowing that their investments are safeguarded by top-tier security measures.

## Stree-Free BTC Returns



MindWave empowers investors to capitalize on the lucrative returns offered by Bitcoin while alleviating common concerns associated with crypto investments. Through proactive asset management and risk mitigation strategies, we create a smooth investment journey, free from uncertainty and worry.

# + Yield-Generating Trading Strategies

Our overall trading strategy includes identifying opportunities on the volatility surface; exploiting arbitrage opportunities in key derivatives markets, such as cash vs perpetual, futures and cross-exchange; and incorporating AI and quantitative methodologies and tools to identify opportunities.

The three core trading strategies employed are Covered Call, Negative Gamma, and Volatility Trading.



## Strategy 1: Covered Calls

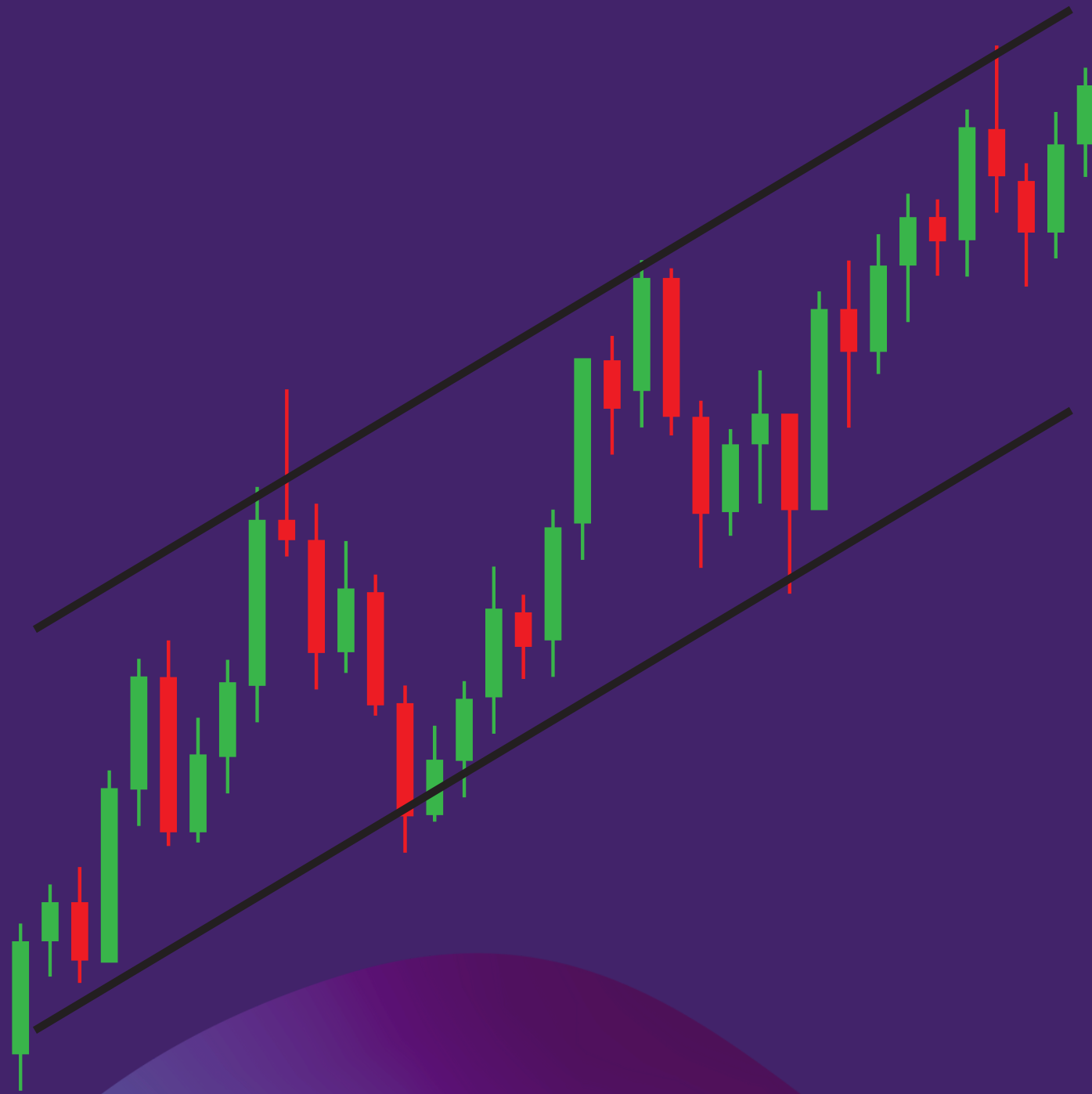
The Covered Call strategy (weighting 70%) uses an AI program that analyses and maximises the risk premium by selling calls at the peaks on the volatility surface. Risk is capped at a leverage of 1:1.

### The Covered Calls Strategy Methodology

- The algorithm identifies market opportunities in real time and assesses the probability of trade success.
- Filters include Delta, Theta, Gamma, Vega, Duration, Realised Volatility, Implied Volatility, Moving Leverages and RSI.
- Machine learning algorithm calculates a trade confidence of success based on historical parameters, against current market parameters.
- Trade taken based on outlier parameters is likely to result in profitable trades. The threshold of 70% likely success rate is minimal.
- The algorithm identifies risk-free opportunities in real time due to market inefficiencies across exchanges. Offsetting trades are executed simultaneously to lock in profits.



# Yield-Generating Trading Strategies



## Strategy 2: Negative Gamma

The Negative Gamma Strategy (weighting 15%) trades the BTC/ETH volatility surface with a directional bias depending on fundamental blockchain analysis and technical indicators. It uses up to 1:3 leverage.

### The Negative Gamma Strategy Methodology

- Fundamental blockchain analysis is used to identify medium-term trends. Factors examined include exchange in/outflows, weak and strong hands, bitcoin liquidity ratio, the difficulty of mining, and miner flows.
- Technical analysis is used in combination to reinforce blockchain analysis. Factors include RSI, Moving Averages, and Fibonacci levels.
- The trend is influential in determining the machine learning probability success rate threshold. The threshold is lower for calls in Bull Markets and puts in Bear Markets.



# + Yield-Generating Trading Strategies

## Strategy 3: Volatility Trading

Volatility Trading (weighting 15%) buys and sells BTC/ETH calls and puts, arbitrages the volatility surface, and arbitrages across products. Risk is actively managed and delta hedging is employed.

### The Volatility Trading Methodology

- Exchange arbitrage (volume surface & futures, CME vs Deribit, etc).
- Directional trading (cash and volatility).
- Relative value trading (duration and smile).
- Efficient portfolio construction (trading Greeks).
- Special situations (event led).
- Forward-looking lead indicators used to preempt directional moves:
  - Put/Call Ratio
  - Gamma/Risk Premium Ratio
  - Volatility Smile
  - Risk Reversal Prices
  - Gamma/Theta Ratio
  - ATM/Skew Ratio



# Market Making and Liquidity Pools Strategy

To maximize the potential of digital assets, MindWave employs a meticulous approach to market making and liquidity provision in Decentralized Finance (DeFi) projects, focusing on the thorough vetting process and the subsequent provision of liquidity or market making for these projects.

## Project Vetting



Before engaging in market making or liquidity provision, MindWave conducts a rigorous evaluation of potential DeFi projects. This assessment encompasses various factors, including but not limited to:

- Project fundamentals and goals
- Team expertise and track record
- Technology and innovation
- Market demand and competition
- Regulatory compliance

## Risk Analysis



Following project vetting, a comprehensive risk analysis is conducted to identify and mitigate potential risks associated with market-making or liquidity provision. This analysis includes assessing factors such as:

- Market volatility and liquidity conditions
- Smart contract security and audit results
- Counter party risk
- Governance and protocol changes
- Market manipulation risks

## Liquidity Provision



Upon satisfactory completion of the vetting and risk analysis processes, MindWave proceeds to provide liquidity for the selected DeFi projects. This involves committing a portion of our assets to ensure sufficient liquidity within the project's ecosystem. Liquidity provision enhances market efficiency and facilitates smoother trading activities for users.

## Market Making



In addition to liquidity provision, MindWave may engage in market-making activities for the selected DeFi projects. Market making entails actively quoting buy and sell prices for a particular asset, thereby enhancing liquidity and reducing bid-ask spreads. By providing continuous liquidity, we contribute to price stability and market depth, fostering a healthy trading environment.



# Our Team



**Nabeel Hamza**  
CO-FOUNDER AND CEO

Nabeel Hamza is an experienced leader in the cryptocurrency and DeFi space, bringing over 15 years of comprehensive expertise. With a proven track record in project management, strategic planning, and execution within dynamic markets, he stands as an experienced leader in navigating the complexities of blockchain technology, smart contracts, and decentralized finance (DeFi). His adept communication skills enable him to effectively convey intricate concepts to diverse stakeholders, while his proactive approach to identifying and seizing new business opportunities has been instrumental in propelling growth and scalability.

Nabeel's keen insights into market trends, regulatory landscapes, and emerging crypto opportunities have been pivotal in driving strategic partnerships and collaborations with industry leaders, fostering ecosystem development. From conceptualization to launch and iteration, he boasts hands-on experience in product development, consistently delivering value to investors, stakeholders, and community members. Recognized for his commitment to transparency, security, and decentralization principles, Nabeel is a published author and sought-after speaker at industry conferences, contributing significantly to the global crypto community.

With a vision set on revolutionizing the future of finance through decentralized technologies, Nabeel has led successful fundraising efforts, including ICOs, STOs, and private placements, while championing social impact initiatives for blockchain adoption and financial inclusion. His agile and adaptable leadership style thrives in fast-paced and uncertain environments, embodying a steadfast commitment to driving positive change in the world of finance.

# Our Team



**Jigish Krishnan**  
CO-FOUNDER AND CTO

As the Chief Technology Officer, Jigish Krishnan steers the technology strategy and development efforts, leading a team of developers, engineers, and researchers with precision and expertise. With a focus on scalable blockchain solutions, he spearheads the design and implementation of cutting-edge protocols in decentralized finance (DeFi), ensuring adherence to industry standards and best practices. Jigish's collaborative approach across cross-functional teams ensures the delivery of high-quality products and services that align with both business objectives and user needs.

With a proven track record in managing project lifecycles from conception to delivery, Jigish ensures seamless alignment with business goals and technical requirements. By implementing agile methodologies and continuous integration practices, he optimizes development processes, enhancing efficiency and effectiveness. Furthermore, Jigish has established technical standards and best practices, cultivating a culture of innovation and excellence within the organization.

Driven by a passion for innovation and technological advancement, Jigish Krishnan stands as a key architect in revolutionizing the landscape of decentralized finance, leveraging his expertise to push the boundaries of what is possible in blockchain technology.





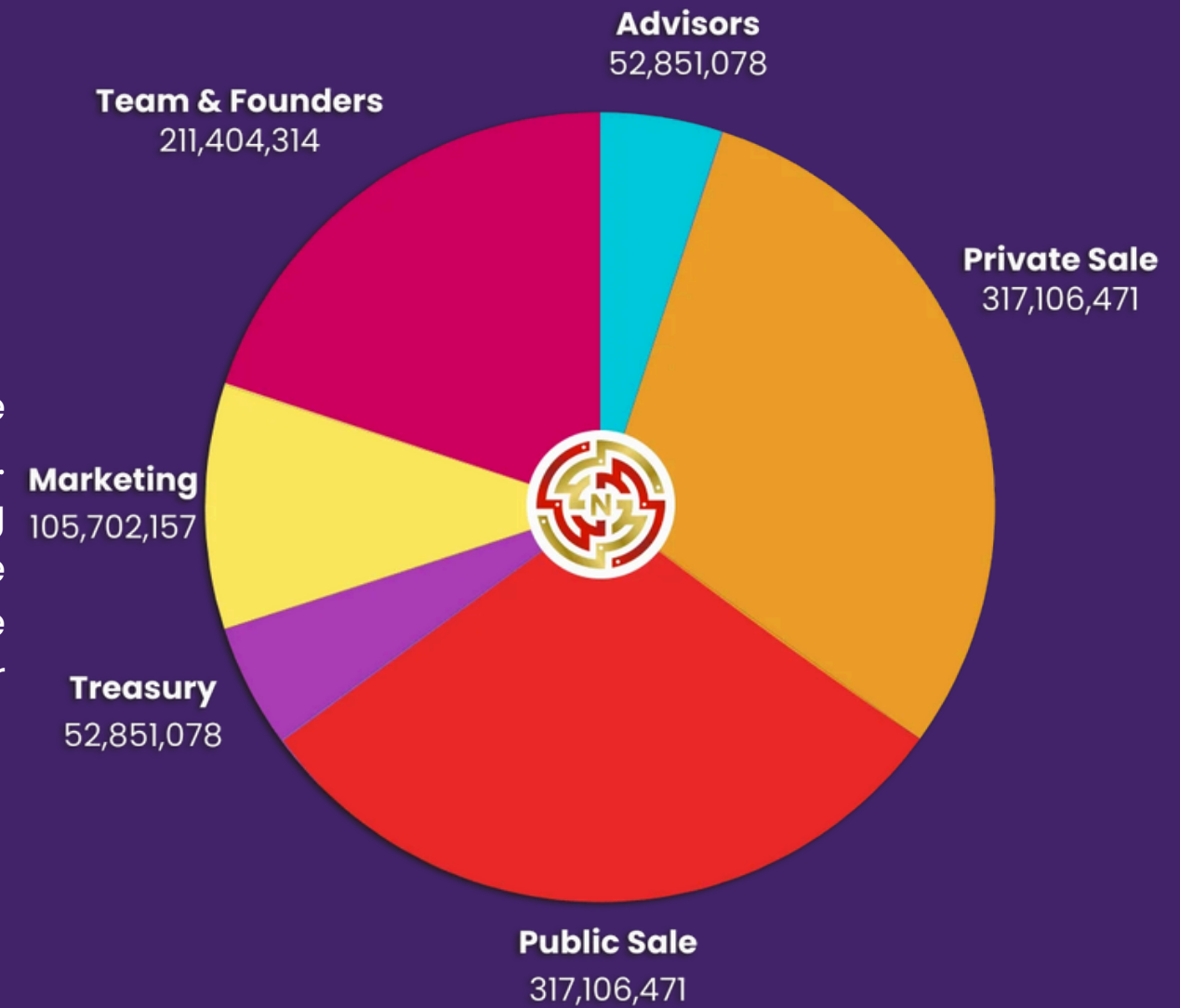
# NILA Token Allocation

The NILA token is a utility token that will provide token holders exclusive access to premium features and priority participation in strategic initiatives. Further, It will empower token holders with governance rights, enabling them to actively participate in decision-making processes related to the management and evolution of the platform. Lastly, the NILA tokens will be used as utility-driven incentives to reward token holders for their engagement and contribution within the MindWave ecosystem.

**Token Ticker: NILA Token**

**Type: BEP-20**

**Total Token Supply: 1,057,021,569**

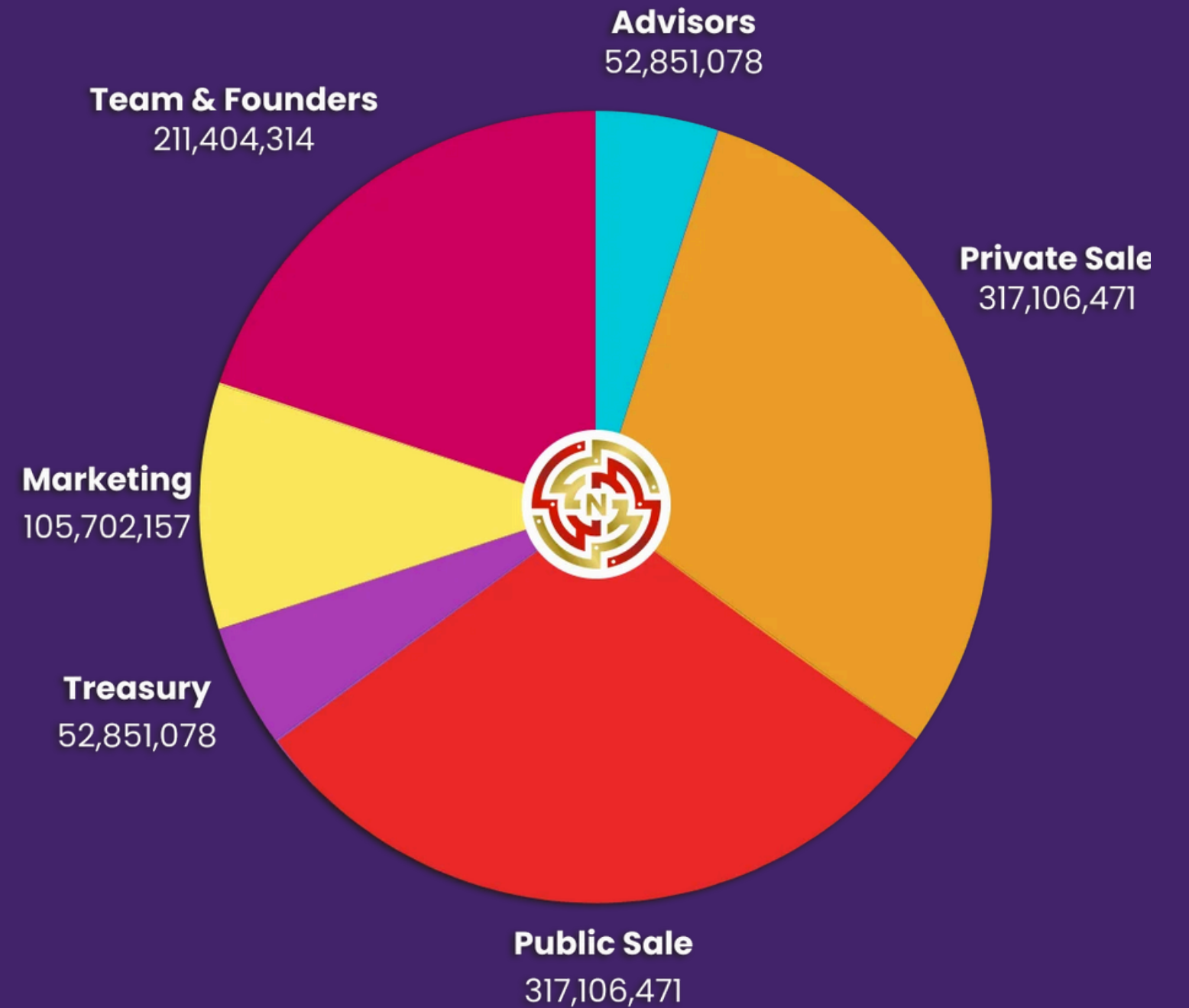


Allocation	Percentage	Tokens	Vesting
Team & Founders	20%	211,404,314	24 Months Lock Up, then monthly unlock 10%
Advisors	5%	52,851,078.45	25 Months Lock Up, then monthly unlock 10%
Marketing & Community	10%	105,702,156.90	No Lock Up
Private Sale	30%	317,106,470.70	6 Months Lock Up, then monthly unlock 10%
Treasury	5%	52,851,078.45	Reserved
Public Sale	30%	317,106,470.70	No Lock Up
<b>Total</b>	<b>100%</b>	<b>1,057,021,569.00</b>	



# + NILA Token Allocation

Token Sale	USD	Timeline
Private Sale	0.0250	April 15, 2024
Public Sale	0.050	June 2024
Exchange Listing	0.060	July 2024



Available in Public Sale \*



DEX TRADE



\*Subjected to respectable vendors

# NILA Token ROADMAP



**April 2024**

Private Sale

**June 2024**

Public Sale

**July 2024**

Exchange Listings

**August 2024**

Completion of compliance and regulatory requirements

**October 2024**

Appointment of investment Committee & Fund Managers



**November 2024**

Launch of MindWave Fund and on chain platform

**December 2024**

Rewards distribution begins







**THANK YOU**



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