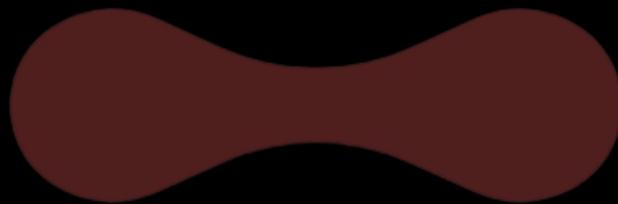# Hedge-Finance

Balanced Portfolios Made Easy

HEDGE-FINANCE

Disclaimers

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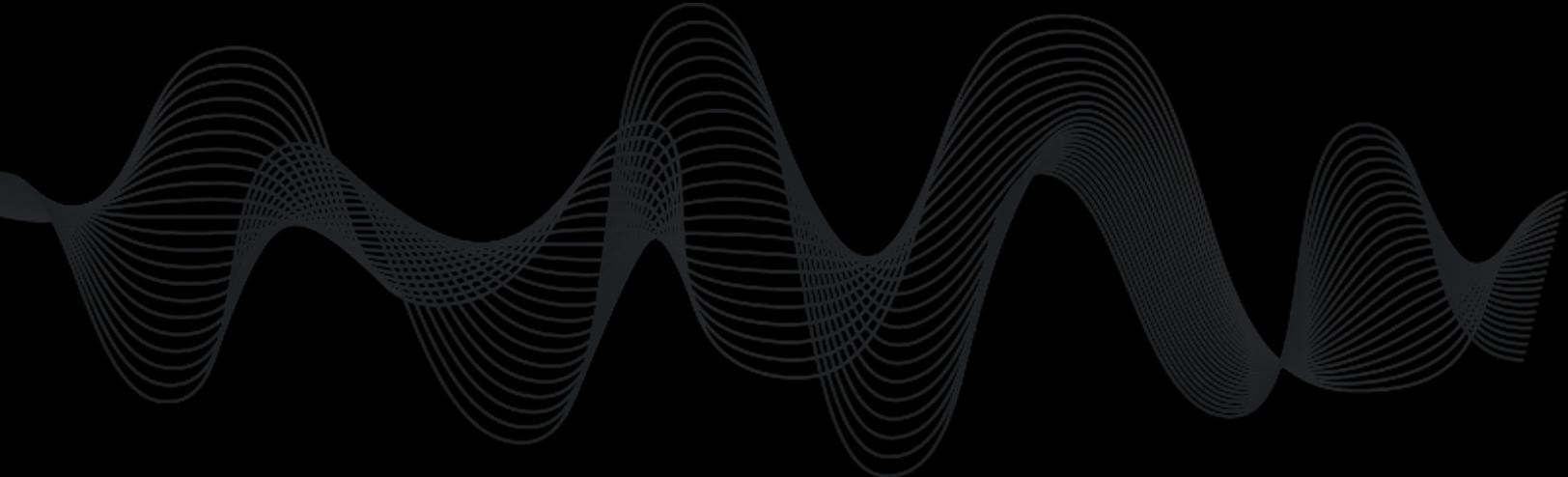
ABSTRACT

Cryptocurrency and Decentralized Finance has provided a plethora of new opportunities for many people all over the world. However, high market risks and barriers to entry into the crypto space have hindered its adoption by the majority of users. Hedge-Finance has been designed for the individual user, to ensure the needs of risk-averse individuals who want to grow their portfolio of digital assets. The platform uses strategic analysis and risk management strategies to help you diversify your portfolio without needing to spend the hundreds of hours required to keep up with the rapidly changing space. Hedge-Finance is powered by its native cryptocurrency, $HEDGE, which is used as the basis for rewarding holders. Hedge-Finance analyzes the new and existing BEP-20 tokens as well as Binance-Pegged "blue chip" tokens in the market and choose the tokens with the most upside to be distributed to $HEDGE holders.
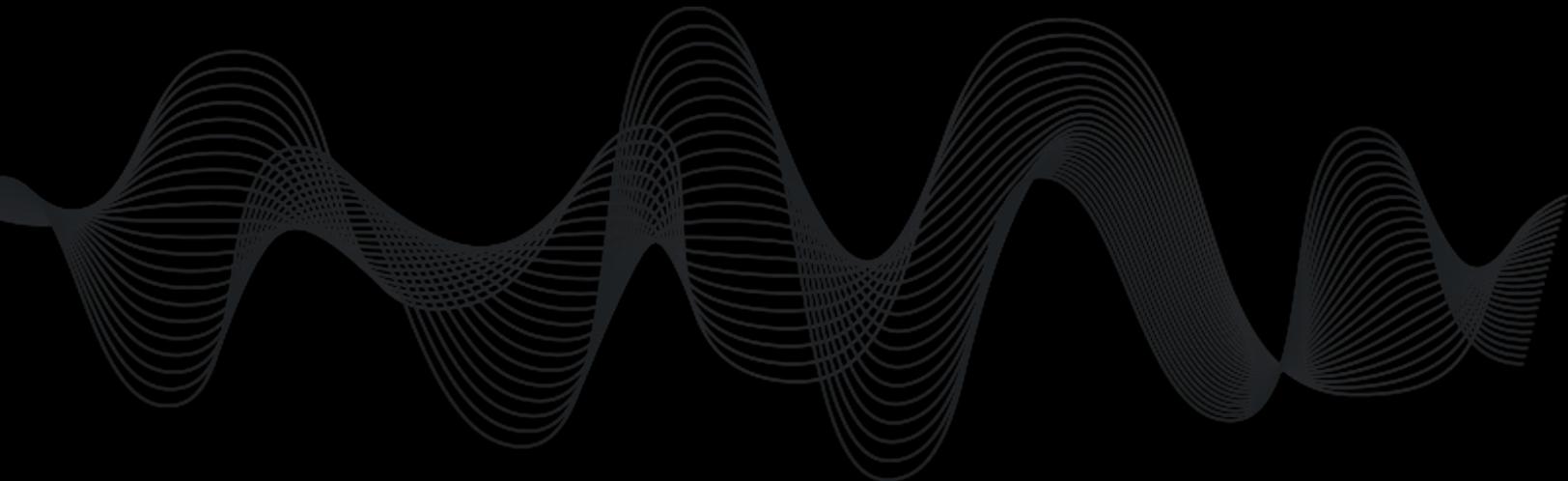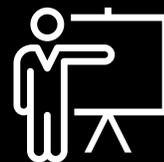
SECTION 1: INTRODUCTION

Recently we've begun to see blockchain technology become more mainstream, as tools emerge to facilitate its integration into the worldwide financial system. Decentralized Finance protocols have great potential to enable social and economic growth throughout the world, especially in areas lacking centralized financial solutions. The new digital economy offers easier access to financial opportunities for all, breaking the barriers set by the traditional financial instruments. DeFi solutions are based on smart contracts and blockchain technology to deliver financial instruments that are mutualized, peer-to-peer, permissionless, and fully automated.

The Challenges

1) High Market Risks

Up until recently, cryptocurrencies were mainly limited to instruments like bearer assets and tokens. Such an approach involves an individual opening a directional position, timing entry and exit into a volatile asset, and collecting profits when the markets favor them. Such a strategy rarely allows individuals to take intelligent risk management to protect their positions without committing an unrealistic amount of time. The implication is that whilst disintegrated participation in crypto-markets can give high returns and may have attracted the curiosity of many retail users, the prevailing risks and the lack of instruments to handle these markets have kept many potential users away from venturing into the market.
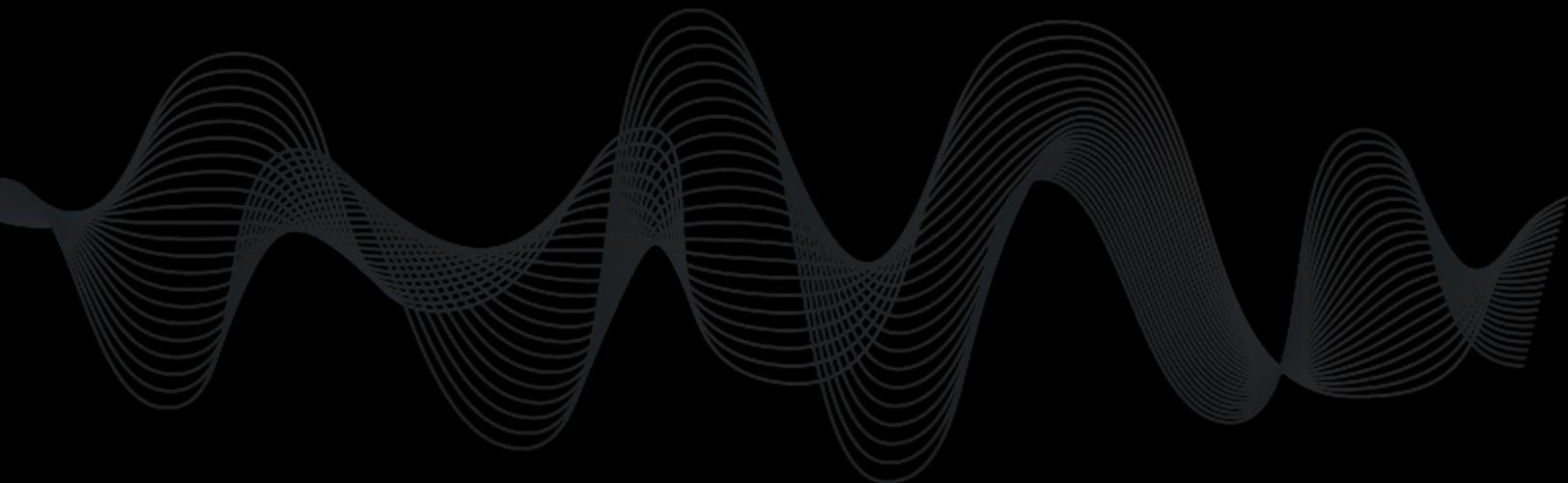
2) Barriers to Entry

The complexity of participating in the ever-changing crypto market has been a real barrier as many instruments and tools do not offer integrated platforms that allow anyone to join. The learning process required to successfully and quickly set up profitable strategies is long and extremely complex. These practical barriers keep the vast majority of everyday users from entering the cryptocurrency space. The result is limited opportunities for individuals, who are mainly confined to a rotational investment in crypto assets through established tokens that have reached some level of stability.

3) Lack of Centralized Information Source

The near unlimited number of sites, forums, social media pages, analytics...etc relating to new and existing cryptocurrencies and decentralized protocols creates an information overload for the average user. There is a need for a central source of truth users can view, understand, and trust analysis of new projects and the current market conditions.
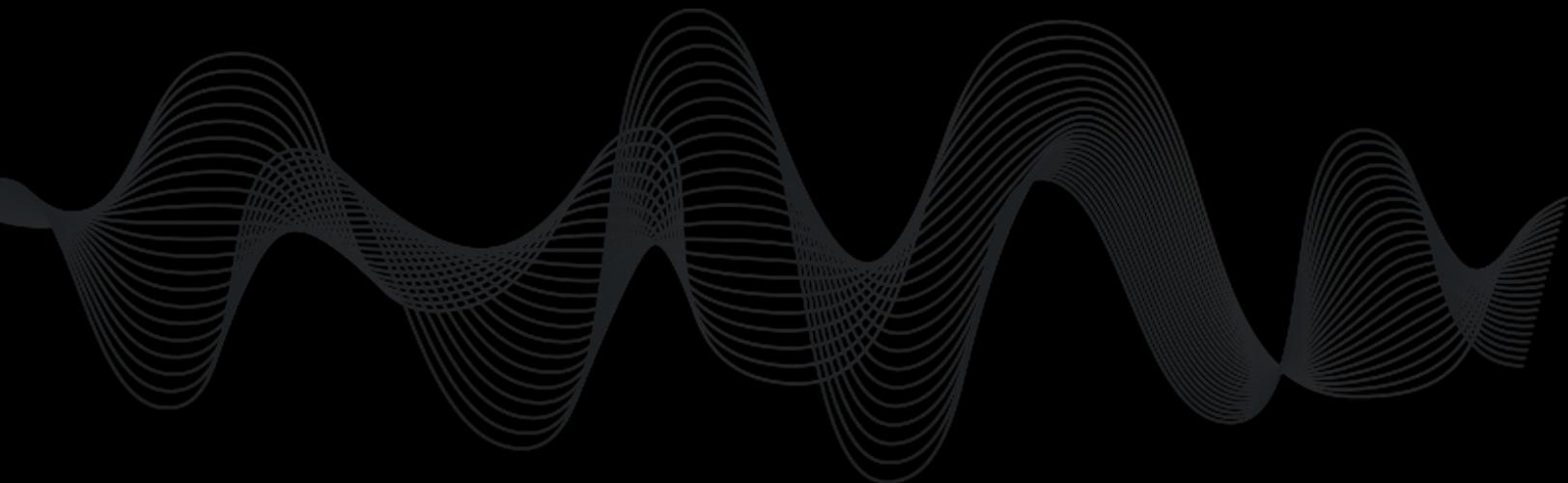
SECTION 2: WHAT IS HEDGE FINANCE?

$HEDGE is a novel BEP-20 rewards protocol that is building products that will lower the barrier of entry and simplify the DeFi process. The goal is to remove the stress and time-consuming aspects of the crypto market. Hedge aims to grow your portfolio through calculated risk management of new and existing crypto projects. With $HEDGE, you can simply sit back and relax as your portfolio grows. All you have to do is hold $HEDGE and wait as we explore the abundant new and top-performing coins to grow your portfolio.

1) Hedge Token ($HEDGE)

Hedge-Finance is powered by its native token, $HEDGE. Holding the token gives you an endless opportunity to receive various rewards based on current market conditions. The team analyzes new and existing BEP-20 tokens around the clock to determine projects building real solutions with huge upside potential. By holding a minimum of 20,000 $HEDGE tokens, you qualify to be rewarded with other high upside tokens. The rewards token is dynamic, hence it can be changed to be any BEP-20 token at any time, based on current market conditions.

2) The Hedge Approach

Hedge-Finance is addressing the complex nature of DeFi by enabling users through transparent, automated, and aggregated management. Hedge-Finance aims to use the principle of dollar cost averaging to expand users exposure to a plethora of promising projects in the DeFi space.
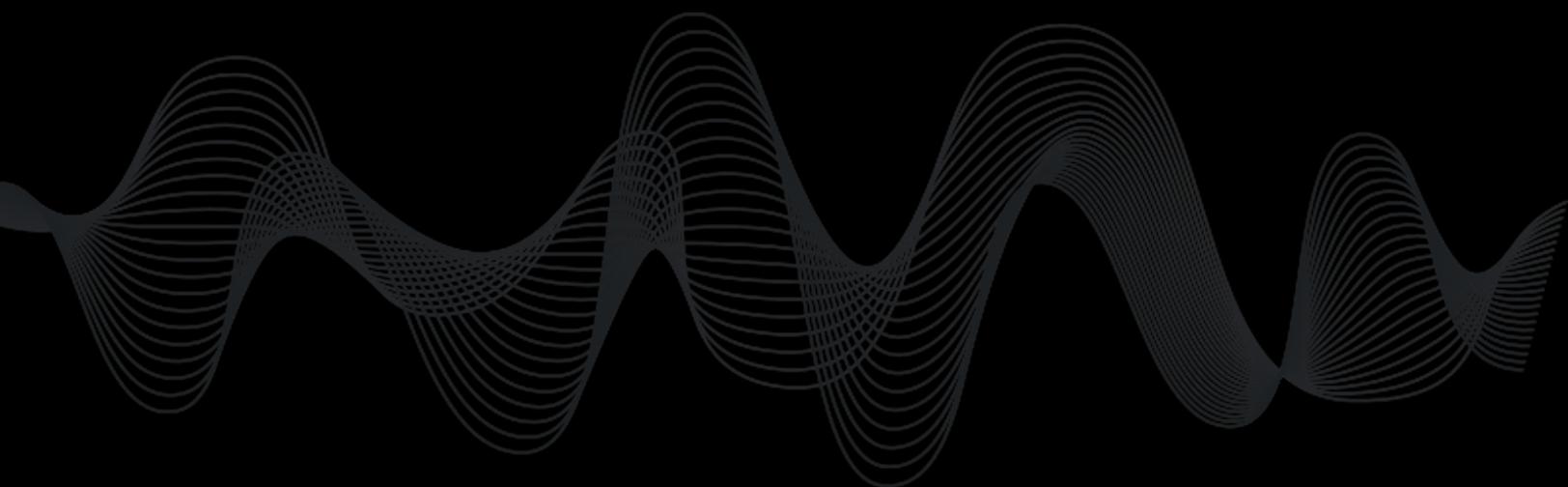
3) Product Vision

Hedge-Finance provides its services via a web platform and will look to add a mobile application on both Android and iOS. The product design and functionality of the platform are seamless and simple for users, targeting both crypto-savvy and non-tech newbie investors. We aim to make DeFi participation as simple as possible through a high-quality interface accessible to anyone and improve upon the existing SaaS subscription model. Users who wish to participate in the Hedge ecosystem can do so by holding/staking $HEDGE tokens. When they no longer wish to use the service, they have the ability to sell their tokens and recover some/all/more of their initial capital.

4) Service Suite

Hedge-Finance aims to be a full-service platform that makes it easy for anyone to access a range of DeFi opportunities, from access to new tokens with major upside potential, to providing analysis of existing and proven solutions in the space.
Hedge-Finance offers/will offer the following services:

- Automated Rewards: The platform uses automated blockchain technology to simplify the process of diversifying your portfolio, without the need to keep up with individual cryptocurrencies. We analyze the BEP-20 market and find the most suitable tokens to grow your portfolio. The ability to find new projects that are not only secure but also promising to be lucrative and leveraging it with existing proven projects for security is the surest way of providing large potential for growth, while simultaneously protecting your portfolio. Our services are all geared towards getting our token holders higher rewards. Holders with over 20k Tokens will qualify for rewards.
- NFT Giveaway: In order to maintain volume required to reward $HEDGE holders, the Hedge protocol will purchase highly sought after NFT's and allow holders to purchase entries for a chance to win the aforementioned NFT. Each entry will have an equal chance of winning the NFT, the more entries the higher chance a user will have of winning. This provide a constant source of new traffic and capital into the Hedge ecosystem.
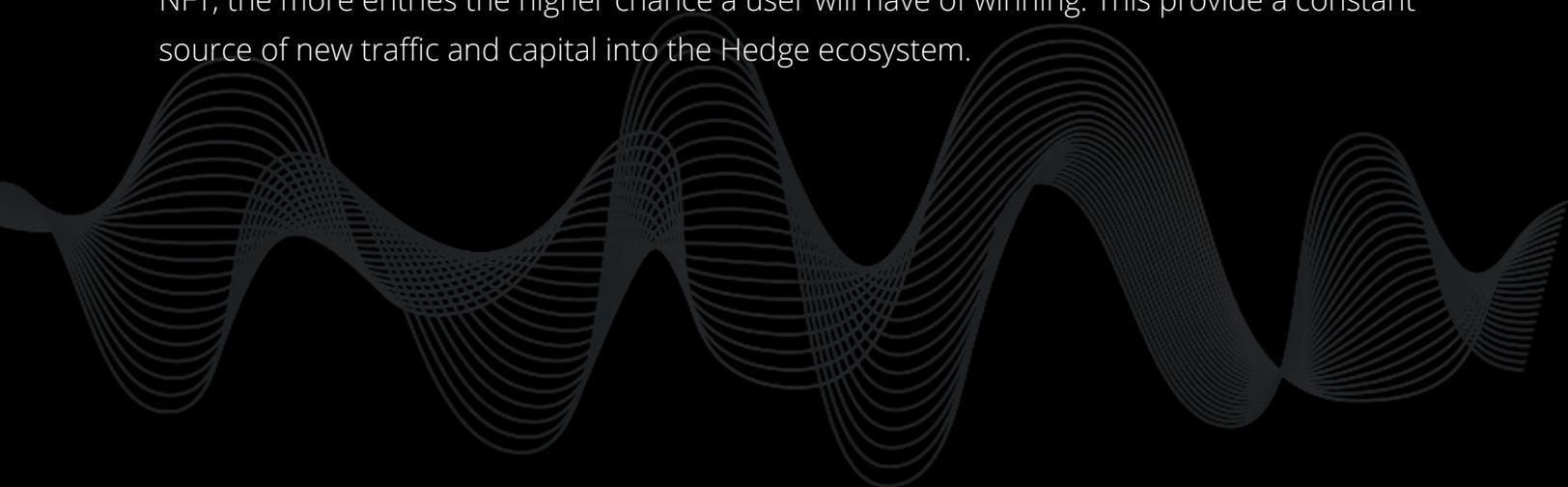
- <u>Staking</u>: Hedge-Finance will offer staking pools to $HEDGE holders. The staking pools will serve multiple functions. First, holders with less than 20,000 &HEDGE will have the option to pool their $HEDGE with other users in order to meet the minimum threshold to earn rewards. These rewards will be divided among stakers in the pool based on the amount of $HEDGE they have staked. Second, holders who stake over 20,000 $HEDGE will be able to earn additional rewards on top of what they would earn for simply holding. This is accomplished through boosted staking pools. The pools will be pre-populated with an initial amount of $HEDGE. The rewards earned by this $HEDGE will then be distributed to stakers in the pool. Third, holders staking over 20,000 $HEDGE will be able to participate in the Hedge-Finance Launchpad and Analytics platform.
- <u>Launchpad</u>: The Hedge-Finance Launchpad will only be available to users holding more than 20,000 $HEDGE, for promising projects that have met with and been vetted by the Hedge-Finance team. Once a project has been approved, we will promote the project, host AMA's, and have the option to reward $HEDGE holders in the aforementioned token upon launch. This will allow $HEDGE holders the ability to get in competitive presales with very promising projects.
- <u>Analytics</u>: The Hedge Finance data analytics platform will be an all-encompassing data analytics and trading platform for Binance Smart Chain tokens built exclusively for Hedge holders. Platform users will have the ability to create limit orders, set stop-losses, and have access to machine learning transaction, volume, wallet and social media sentiment analysis. This will give $HEDGE holders a big picture view of all information available and the tools required to execute the best possible trades at any given moment.

SECTION 3: TOKENOMICS
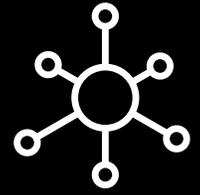
Token Distribution
Liquidity Supply: 40.0%
Initial Investors: 32.0%
Staking Rewards: 10.0%
Team Tokens: 10.0%
Marketing: 8.0%

12% Transaction Tax
- 8% Redistributed in rewards to Hedge Holders holding more than 20,000 Hedge Tokens.
- 4% Liquidity

How Does the Hedge Rewards Protocol Function?
Holders of $HEDGE receive direct payouts of native Binance Smart Chain coins and Binance-Pegged "blue chip" coins like $BTC, $ETH, $ADA and others while preserving a fixed supply.

$HEDGE applies a 12% fee to every buy and sell transaction. These tokens are sent directly to the $HEDGE contract. We will refer to the $HEDGE tokens held in the $HEDGE token address as the contract token pool. Once the contract reaches a set amount of tokens (currently 75,000 Hedge, but this can be altered to decrease price impact of contract sales), the contract separates these tokens into 2 groups: liquidity and rewards.

The liquidity group consists of 33.3% of the contract token pool. Half of these tokens are swapped for BNB and paired with the other half to be added to the liquidity pool on PancakeSwap. This allows $HEDGE to grow safely in response to a larger market cap, stabilizing the price by mitigating the impact of large sales. The received liquidity pool tokens are sent to the dead address, locking all added liquidity forever. The dead address is the 0x00...0dEaD address, where tokens can be sent and never recovered. This address is not a wallet owned by anyone.

The rewards group consists of 66.7% of the contract token pool. These tokens are swapped for the current rewards token through PancakeSwap and distributed to the HedgeDividendTracker contract.

The purpose of the HedgeDividendTracker contract is to track and distribute dividends to token holders. Every $HEDGE token transfer is tracked by the Dividend Tracker. This is a separate BEP-20 token that cannot be transferred or sold but follows the $HEDGE token from wallet to wallet. Whenever $HEDGE tokens are transferred, the Dividend Tracker contract determines if the receiver is above the minimum token balance to receive dividends, if so, it will mint the correct amount of dividend tracker tokens to their wallet. It will also check the sender, and burn the corresponding number of dividend tokens from their wallet. If they have fallen below the minimum threshold all of their dividend tokens will be burnt.

When this happens, the Dividend Tracker will also set a Dividend Correction to the receiver to ensure that they are not paid out any existing dividends waiting in the contract to be sent out, as their rewards period starts when they receive the tokens. The sender will also have a Dividend Correction set to ensure that they receive all of their owed dividends regardless of their current token balance.

Dividends are distributed cyclically, depending on when $HEDGE tokens were added to your wallet. This means when you purchase $HEDGE, you are added to the end of the list. On every transfer of $HEDGE, the $HEDGE token contract determines how much gas the user has provided for the transaction, transfers the tokens, and calls the Dividend Tracker contract's process dividends function, passing along any remaining gas from the initial transaction. The Dividend Tracker will start distributing owed dividends based on the next holder in line and will continue to do so until it has used up all of the gas provided. It tracks the next holder in line to receive dividends and repeats this process on every transaction.

The amount of dividends any wallet receives depends on the ratio of $HEDGE Tokens they hold compared to all other holders eligible to receive dividends. This ratio can be easily calculated by the number of HedgeDividendTracker tokens in any holder's wallet divided by the total supply of HedgeDividendTracker tokens.

Dividends will be automatically distributed to a holder's wallet at most once per hour, or after all holders have been sent dividends. This ensures that as we grow in holders, we can assure that every token holder receives their dividends in a timely manner.
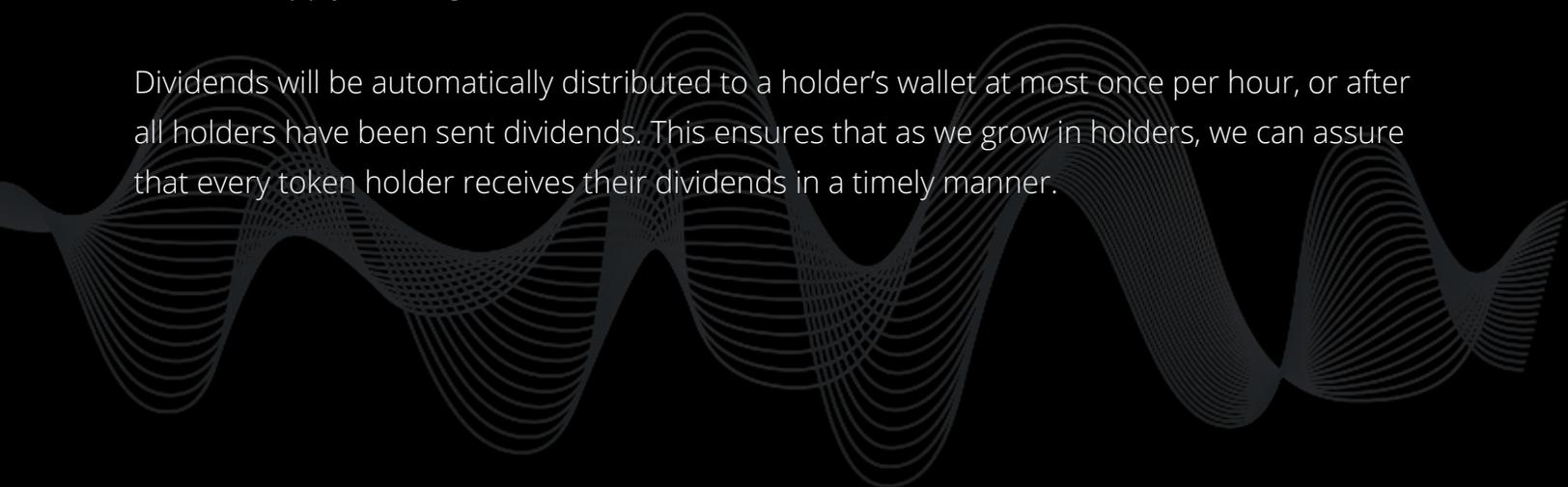
The frequency of dividends distribution and the number of dividends distributed depends on the transaction volume of the $HEDGE token. The larger the total sum of transaction volume, the more dividends will be rewarded. The frequency of dividends sent out to holders depends on the number of transactions, regardless of the amount. More transactions mean more gas provided and dividends distributed more frequently. Holders also have the ability to manually claim their pending rewards by providing their own gas through the Hedge Dashboard, as well as view any pending rewards waiting to be sent to their wallets.