



Get A Piece of the DeFi Pie



Table of Contents

Table of Contents	2
Abstract	3
Introduction	4
The Vision	5
Background	5
Problems associated with trading (Stock market & Crypto-trading)	6
HedgePie Solution	7
Primary Use Cases	8
Blockchain Technology and HedgePies	9
HedgePie's Fee Structure	10
HedgePie NFT Yields	11
Investment Pools.....	12
Marketing and Outreach	13
Stakeholders and Partners	13
Team	13
Disclaimer	13



Abstract

The world is witnessing an uprising of blockchain-based projects daily, ranging from DeFi projects, NFTs, play2earn games development, and metaverse projects. The Covid19 era saw an upward shift in blockchain projects, and the demand for cryptocurrency soared. The forex market also witnessed increasing users over the years. According to "The Tokenist," the total market value of the stock market amounts to \$2,409,000,000 as of January 2022 compared to 2016, when it was \$1,934,000,000. Also, according to Coinmarketcap, the world market cap of cryptocurrency in 2018 was valued at \$203,722,274,133 and rose to \$2,963,651,508,618 in 2021. The uprising in the forex market and the crypto world has clearly shown the ever-increasing interest in digital innovations.

Despite the growing interest in the innovations above, it's disheartening that 90% of stock traders are still losing their hard-earned money out of ignorance. The people who account for these percentages include new traders, seasonal traders, and day or short-time traders.

Arguably, some have concluded that the trading market is structured so that people must lose. Investopedia outlined some reasons accounting for the loss in the forex and crypto trading sphere: lack of trade pattern, lack of trade discipline, failure to adapt to the market, learning through trial and error, and greed, to mention a few.

However, to help new investors and the existing ones benefit from stock, crypto, and all forms of investment, the experts of HedgePie are working on creating a DeFi strategy-based investment platform that will bring new traders closer to the expert traders. The HedgePie platform allows expert traders to develop a profitable strategy and publish it so that new traders can invest in the strategy and get the best APY that they longed for. However, the remaining part of this Whitepaper clearly explains the project in detail.



Introduction

Welcome to HedgePie, a strategy-based investment platform that rewards new users and experts alike. HedgePie is a hedge-funds based layer on top of decentralized finance that allows skilled investors and traders to design investment strategies that others can then invest into. Like the stock market, people can diversify their investment by buying into an index-style fund composed of various assets. In addition, subject matter experts can design investment strategies and publish them so others can buy into them, allowing non-experts to access well-derived strategies. There is also a Leaderboard on the platform that shows the top-performing HedgePie and its strategy so that users can get an idea of the APY returns on their investment and decide if they want to join a particular Pie. The Leaderboard allows non-specialist investors to join one of these funds to get exposure to profitable options.

The funds are composed of positions within the DeFi protocol that allow people to design a basket strategy through a variety of methods, including:

- Positions within different types of protocols
- Lending platforms
- Other APY platform funds



For example, A HedgePie could be designed to have a 50% stake in the PancakeSwap IFO pool, and the other 50% could go into the USDC money market pool in Venus. Then, through a combined APY, the yield is generated and paid back to the funds' holders minus the performance fees.

HedgePie is a blockchain innovation and technological economics pioneer using decentralized finance (DeFi). It is an innovative decentralized trading platform that allows users to generate funds that others can invest in. Each investment pool is governed by smart contracts that will enable users to engage in various investment options.

The way HedgePie works is quite simple with the investment pools and NFT derivatives. You can create an investment pool or invest in someone else's investment pool. In the case of the investment contract, there is also an NFT component built into the process



that exchanges the cryptocurrency for stable coins on another platform to create a liquidity pool that funds the main contract. This allows for greater liquidity and possible returns on the upside from the investment. The HedgePie platform is scalable and robust and allows for an infinite number of pools and contracts to be created on the blockchain.

The Vision

The vision is to create dynamic and blended investment contract options for investors who want to take part in a derivative style of investment that engages art, gaming, finance, and other high-yield opportunities. By staking assets in liquidity pools, users are ensured strong exit options and growth options based on the investment pools available. By choosing an investment strategy with a proven APY, new investors and non-experts can take advantage of proven strategies based on their position within the Leaderboard. In addition, new users can choose expertly managed funds with proven returns and only pay a performance fee on the profits earned from their investment. This vision brings new life and opportunities to rookie investors who have little to no experience in the DeFi sector.

Background

The project started as an easy way for inexperienced users to participate in the yields of DeFi without having to do tons of research. Having spent hours and hours on projects coming out, the founders decided it would be great to create a way to get an expert management system done through the HedgePie solution. As a result, HedgePie was born. The HedgePie solution incorporates the vision into creating investment pools and strategies that draw on various asset types and classes. Most notably built around stablecoins and cryptocurrency platforms that deliver APY yields, the investment allows users to lock funds in the form of NFTs that can be used to pay dividends or hedged. Engaging the decentralized finance markets, or DeFi markets is one of the core concepts of the business, where there are many ways to advance the innovation and core concepts of fundraising and investment development. Using traditional hedge-style finance derivative options and combining them with futuristic technologies has allowed the funding mechanism to achieve higher and more secure rates of return than traditional finance models.

As a result, the DeFi model has positioned itself as a key developing industry with high yield potential and strong yield potential across most of its sectors. Within HedgePie's investment pools is a vast range of



high-yield assets that provide opportunities for long or short positions on the market, which are strategy-based. These act as derivative-style funds where users can earn dividends or rewards when markets go down, thus acting as a hedge fund. In the HedgePie funds, smart contracts govern how the fund is managed so that liquidity is achieved and users can exit at any time they want based on the proportion of ownership from their initial investment. The process is governed by a protocol that enables public transparency via blockchain explorers on a public ledger so that everything can be tracked and traced. Each time an investment occurs, a transaction hash is created as part of the smart contract that allows investors to process their investment publicly and clearly. Accessing investment pools allows for higher yield gains as liquidity increases and more money gets channeled into the investment pool.

Problems associated with trading (Stock market & Crypto-trading)

According to the article published by "Tradeciety," it was recorded that 95% of traders lose their capital and are frustrated out of the market. Statistics and research found that there are several reasons people lose their capital, and the reasons are; Lack of trading skills, trading with emotions, greed, lack of good understanding of the market, and many more. All these are discussed on the next page.



Retrieved from: <https://tradeciety.com/24-statistics-why-most-traders-lose-money/>



Lack of trading skill: To make a profit in the stock and crypto market, some trading skill is needed. The market is filled with experts who are developing one strategy or the other to make gains; new investors without adequate skill will end up losing to them.

Inadequate knowledge of the market: Trading without the proper and required knowledge is detrimental to the traders' account. Without the proper knowledge of the market, accounts with millions of USD can turn to zero in days.

Trading with Emotion: A lot of traders trade with their emotions; the stock market is not a place to exhibit emotions; trading, because you're depressed or need urgent money, is one of the major causes why traders lose.

Greed: A greedy trader will continue to trade even after seeing signals stop. With this, a losing winning trade can turn around into a massive loss.

HedgePie Solution

To solve the problems faced by new investors/traders, we have invented a DeFi based investment strategy where new users or traders can choose from a stream of expertly managed trading/investment strategies with proven and high APY and invest their funds. To solve all the challenges that come with trading, such as trading skills, knowledge of the market, emotional trading, and greed, we ensure that all strategies created by experts in our ecosystem are performing well. Still, the differences are evident in the APY of the preferred strategy. Part of the strategy that investors can invest in is but is not limited to; crypto-pool, crypto farming and staking, DeFi protocols, stock market, yield-bearing NFTs, and all related strategies.

A leaderboard in our platform will enable investors to see a list of all strategies with their APY, and investors can make choices. This approach has simplified trading. Investors can switch between strategies and go with whatever option appeases them. With this, no skill or knowledge of the market is required. Investors can invest and still go about their daily routine without having to bother about their investment. The strategy experts will cater to that.



Primary Use Cases

While providing a DeFi investment strategy is one of the top priorities of HedgePie, some secondary use cases apply as well. For instance, the investment pools can be used in many ways, including:

- The development of yield-bearing NFTs: Create a range of investment options.
- Investment Pooling: Bring collective assets together in pools.
- Investment Farming: Putting investments into pools and gaining yields.
- Staking: Putting investments into locked pools or stakes for given periods of time to ensure interest bearing levels are achieved.
- Hedging: Buying or selling in short or long positions.
- Buy/Sell In Real-Time: Real-time cashouts on trades or investments that aren't locked.
- Collateralize assets: Borrow against existing assets in a lending situation.
- Borrow funds: Receive funds as part of a loan/borrowing model.
- Receive interest/dividends: Get payouts from yield-bearing funds.
- Create derivatives: Pool assets to create derivatives.
- Margin Trading: Use existing funds to trade on margin.
- Lottery Options: Join the lossless lottery and other lottery options.
- Leaderboard: Join the leaderboard when your fund starts making profits and check it's rank against other funds.



Each of the use cases is an example of how innovative HedgePie is in decentralized finance, offering users and investors opportunities never before seen because of the innovations offered by blockchain technology. Not only built on one blockchain, but HedgePie is also a multichain project that engages users

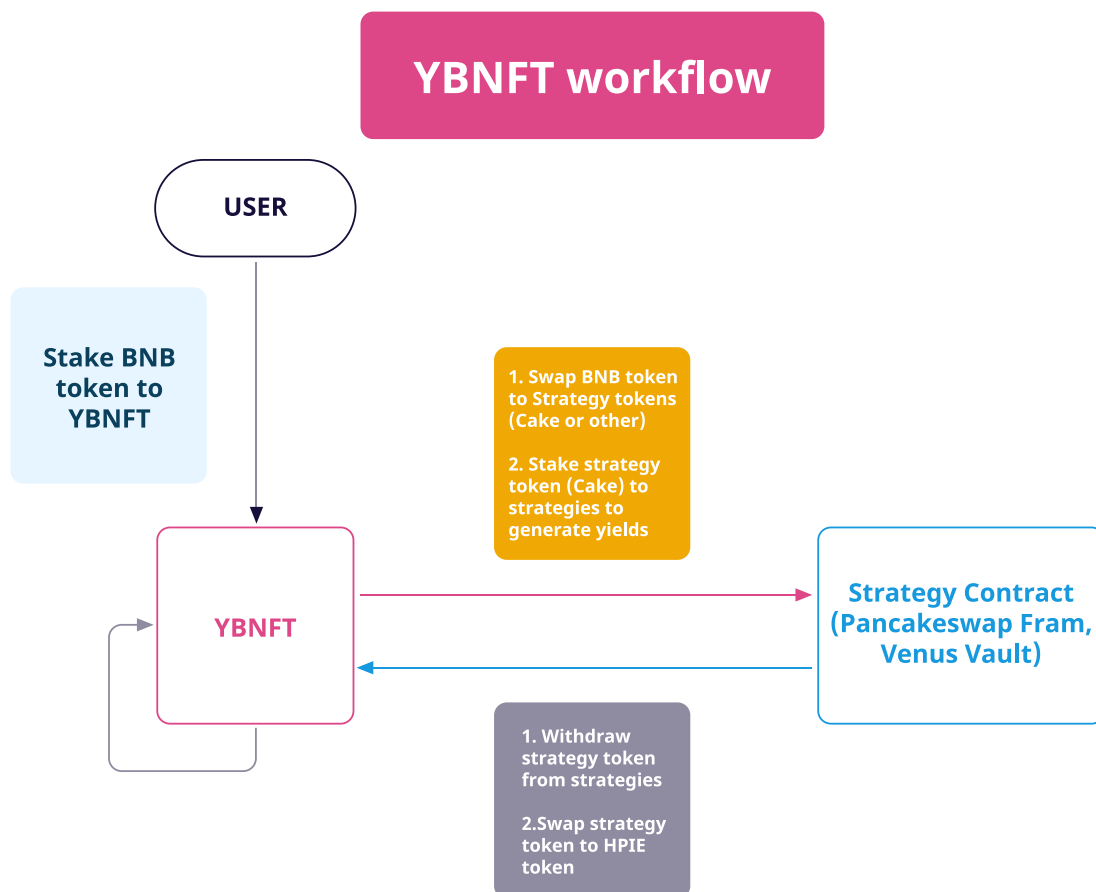


of all levels, from beginner to expert. This removes the need to manage a wallet across multiple chains and deal with bridges or excess gas fees. This type of innovative development is supported by partners and stakeholders engaging in ongoing development initiatives to grow the liquidity of funds to achieve financial objectives. Proven strategies will remain a top attraction for investors who can see returns, open strategy options, and APY percentages.

Blockchain Technology and HedgePies

The HedgePie solution is built on the Binance Smart Chain using smart contracts with the end goal of replication across multiple blockchains. Using the multichain system will allow investors to create more diverse strategies and greater diversification within their HedgePie. So how do you create a HedgePie?

How To Create A HedgePie: Define your strategy by selecting the platform you are depositing into and the allocation for each platform, then publishing the fund to create a HedgePe. Once published, the strategy will go live, and other investors can deposit into the strategy.

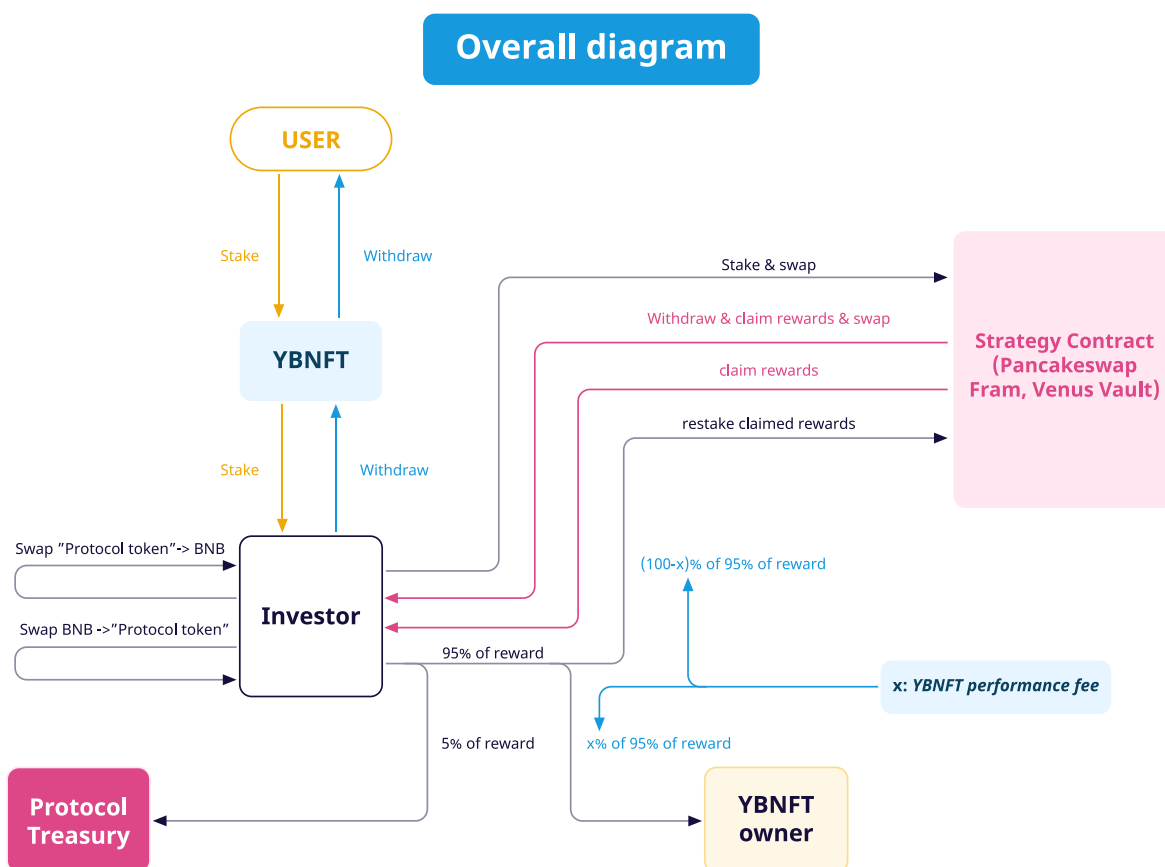


During the creation process, the creators create a performance fee, which then gets a fee from the profits made by the Pie. The owner of HedgePie can edit the strategy to use real-time management for enhanced performance and profitability.

The NFT is just the ownership of the strategy to rebalance funds. The new investors are just getting added to the smart contract, not the HedgePie. Using an interface such as NFT allows for increased dynamics for group decisions and integration across the platform. The UI is essentially an NFT or Hedgepie minting section where you define your strategy, allocation, and NFT, and then investors can buy in and get a piece of the Pie.

HedgePie's Fee Structure

The Fee Structure at HedgePie is a 5% performance fee that is part of the platform service, which is deducted from a user's profit. This is only collected on profits, so there are no fees in the event of loss situations should they occur. In addition, YBNFT holders can also set a performance fee that is taken from the YBNFT participant profits.



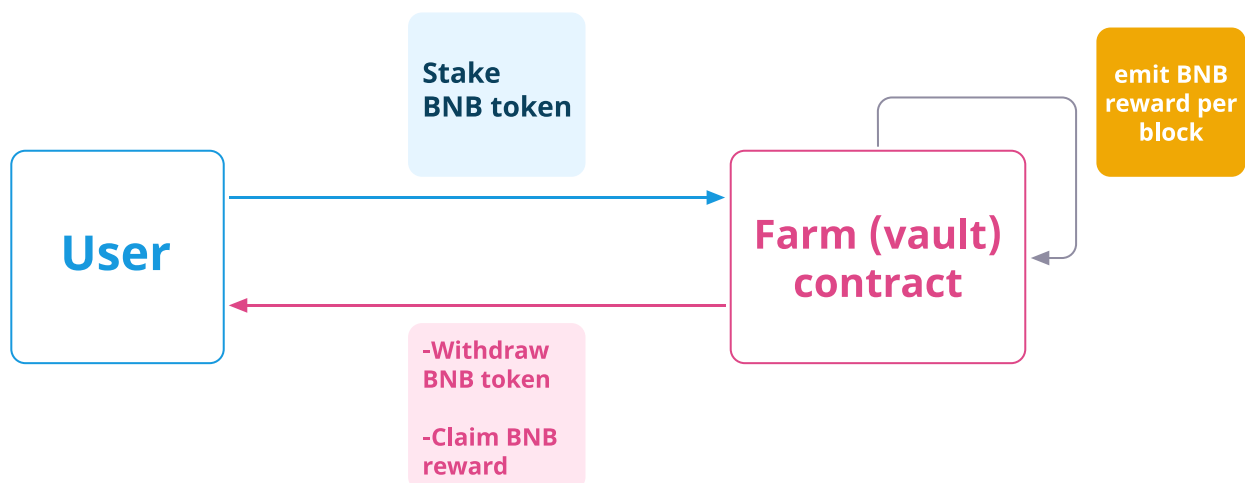
HedgePie NFT Yields

YB-NFTs

One of the primary use case offerings of HedgePie is the yield-bearing NFTs. These are a central component of the platform that offers investors the opportunity to yield by depositing crypto and having the smart contract engage in a liquidity pool swap so that liquidity on the pool is provided. For example, the HedgePie YB-NFT exchanges the investor's crypto for stablecoins and LP tokens and then stakes the LP tokens in a DeFi pool. The staked tokens can be traded, used as collateral for lending, or added to another platform to increase liquidity further.

When liquidity is added to a HedgePie YB-NFT, the user is given HedgePie's Pie Token in exchange. The Pie token is then used to cash out liquidity on the asset invested. When the pie tokens are redeemed, they are burned and complete the contract. Based on the length of time the LP tokens are staked and the asset invested, the Pie Tokens can increase or decrease in value based on the performance of the investment pool strategy. This allows users to cash out their investment when profits are high and exit the pool with strong liquidity while also holding out or doubling down on lower margins if the opportunities present themselves. The proportional representation of Pie Token holdings is equated to the investment's symbolic value, so collective investments are always directed based on the amount invested within each strategy.

Farm (Vault) Workflow



Investment Pools

A large part of the HedgePie platform is the investment pools accounted for based on each strategy. These are derived from various funding sources to create dynamic funds and are the basic composition of each investment strategy published to the platform. They can be created simply as one user adding funds to a pool through a smart contract, then selling the pool as an NFT yield-bearing fund, or a collaborative effort from multiple investors who place their funds into the strategy pool. The pool allows for liquidity to be established through liquidity staking options where the pool's value is allocated in the form of HedgePie tokens via a representational value so that users can always know how much of the investment has been allocated from their proportion of holdings. The token is purchased by users and then staked in a HedgePie; the rewards they earn from that HedgePie are via the vaults in BNB tokens. The tokenomics here is that when a strategy generates rewards, the rewards (minus fees) are swapped for BNB tokens via BNB LP tokens, and then those tokens are paid out to users via the vaults. If users want to cash out, they withdraw the BNB tokens from the strategy and then swap them for any other token.

The holdings can be staked or used in a variety of ways, including:

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- Investment Pooling: Bring collective assets together in pools.
- Investment Farming: Putting investments into pools and gaining yields.
- Staking: Putting investments into locked pools or stakes for given periods of time to ensure interest-bearing levels are achieved.
- Hedging: Buying or selling in short or long positions.
- Buy/Sell In Real-Time: Real-time cashouts on trades or investments that aren't locked.
- Collateralize assets: Borrow against existing assets in a lending situation.
- Borrow funds: Receive funds as part of a loan/borrowing model.
- Receive interest / dividends: Get payouts from yield-bearing funds.
- Create derivatives: Pool assets to create derivatives.



- Margin Trading: Use existing funds to trade on margin.
- Leaderboard: Join the leaderboard when your fund starts making profits and check it's rank against other funds.

Marketing and Outreach

The platform has engaged in a variety of marketing and outreach methods, including social media, website marketing, secondary channels, forums, and many other online networks where the HedgePie presence has been made available. Go to our website [here](https://hedgepie.com/) and get familiar with the benefits of joining HedgePie.

Stakeholders and Partners

We are constantly working with investors to grow our representation in the DeFi markets through our service offerings, which means onboarding new stakeholders and partners who want to be part of the ecosystem. If interested, go to <https://hedgepie.com/> and contact us to get in touch if you want to be a major investing partner or include your platform within a strategy or fund.

Team

Our team comprises executives and developers who are constantly striving to make HedgePie the best DeFi platform for investing, staking, and earning strong returns. Go to our website and check out the latest information about our team: <https://hedgepie.com/>.

Disclaimer

This Whitepaper has been created for information purposes only. It does not constitute the beliefs or wishes of any affiliate, contractor,



employee, or associate of HedgePie, or its readers or producers. The information contained herein is for information purposes only. It should be used for information purposes for guidance and resolutions on understanding how investment models can be built using blockchain technology and enhanced protocol for decentralized fund management. HedgePie reserves the right to make changes without notification to this Whitepaper at any time, now or in the future, to ensure consistency and accuracy of the points presented to ensure strong leadership and ongoing market development can be progressive and innovative. Please visit our website to learn more about this exciting project and get the most up-to-date information on funds, management, development, and opportunities for investment with HedgePie.

