

OIKOS CASH DESK

Introduction About OIKOS

- Oikos Has First Decentralized Tron Base Platform Oikos Has a Defi Project and much secured platform. Oikos has a tron base network and they introduced new technology in the world defi project. Oikos has a tron port of uniswap.
- Oikos Decentralized Tron stage has been conceived out of the requirement for a framework that permits clients to broaden their portfolio, utilizing interest in the extraordinary property, the utilization of the previously mentioned synth just as bringing a dex that lets you exchange Tron and different tokens.
- Anybody can contribute by adding or expelling liquidity to pick up commissions as trade charges just as remunerations paid in OKS token.
- The synthetic assets are collateralized by the Oikos Network Token (OKS) which when locked in the contract enables the issuance of synthetic assets (Synths). This pooled collateral model enables users to perform conversions between Synths directly with the smart contract, avoiding the need for counterparties. This mechanism solves the liquidity and slippage issues experienced by DEX's.

OKS Token

- OKS is the native utility token of the Oikos network, and it is a TRC-20 compatible since the project emanates from the TRON Blockchain. It has two main applications within the ecosystem. Firstly, it is for staking that comes with great benefits of earning rewards. Compensation comes in two different categories of OKS tokens and Synth exchange rewards.
- There is an original total supply of 100 million OKS tokens, notwithstanding more will come into circulation by minting to reward stakers per the inflationary calendar. OKS hodlers are always motivated to wager their bits and to issue new synthesizers. The token is on exchanges like Hoo.com, Hbtc.com, Biki.cc among others.

OIKOS Tron Base Technology

- oikos introduced a tron base blockchain technology and they have oikos own exchange and they have well managed all crypto assets. oikos is a decentralized crypto exchange to support all assets of crypto blockchain.
- oikos exchange supports many crypto assets and the team is organized and well managed. oikos has its own tron base crypto blockchain exchange to introduce the feature and convenience trading support to all the users.
- Oikos exchange gives us a great opportunity to trade different crypto assets. Oikos has also found a way to overcome the problem of limitations in communication amongst blockchain previously experienced. Through cross chain technology, there will be no limits in communication amongst blockchains.
- oikos already gives us a most complex and useful tron built protocol. Oikos brags the help of numerous conventional stocks just as digital money. These benefits can be made on-chain on the Oikos stage as SYNTHS. Synths are in different classes and can be exchanged on the stage easily. Value data is gotten from different sources and converged to make a hearty value instrument.
- There are additionally different help components like engineer apparatuses which empowers fans to make applications that can use on oikos administrations. Oikos MINTER is another application on the stage that permits clients to perform different exercises that ranges from checking their record balance, mint history, printing of new synths among others.

Synth Pegging Mechanism

The Synth peg is critical to a well functioning system, because traders require both liquidity and stability between a Synth/s and other crypto assets in order to take profits from trading. Some Synths trade on the open market, so it is possible for them to fall below par with the assets they track. Incentives are required to ensure that deviations from the peg are minimal and that actors are motivated to correct them.

There are three methods to maintain the Synth peg:

- Arbitrage: OKS stakers have created debt by minting Synths, so if the peg drops they can now profit by buying oUSD back below par and burning it to reduce their debt, as the Oikos system always values 1 oUSD at \$1 USD.
- oUSD liquidity pool on Pancake Swap and Derive Finance: each week, a portion of the OKS added to the total supply through the inflationary monetary policy is distributed as reward to people providing liquidity on Pancake Swap and Derive Finance. This allows traders to purchase Synths to start trading or sell Synths to take profits.
- OKS auction: Oikos is currently trialling a new mechanism in which discounted OKS will be sold at auction for BNB, which will then be used to purchase Synths below the peg.

Oikos.Exchange

- Why trade synthetic assets?
Synthetic assets provide exposure to an asset without holding the underlying resource. This has a range of advantages, including reducing the friction when switching between different assets (e.g. from Binance Coin to synthetic gold), expanding the accessibility of certain assets, and censorship resistance.
- Advantages of Oikos.Exchange
Trading on Oikos.Exchange provides many advantages over centralised exchanges and order book based DEX's. The lack of an order book means all trades are executed against the contract, known as P2C (peer-to-contract) trading. Assets are assigned an exchange rate through price feeds supplied by an oracle, and can be converted using the Oikos.Exchange dApp. This provides infinite liquidity up to the total amount of collateral in the system, zero slippage, and permissionless on-chain trading.
- How Synths work
Synths are synthetic assets that track the price of the underlying asset. They allow holders to gain exposure on Binance Smart Chain to various asset classes without holding the underlying assets themselves or trusting a custodian. Synths are backed by the Oikos Network Token (OKS), which is staked as collateral at a ratio of 500%.

- The current Synths

There are currently four categories of Synths available: commodities, cryptocurrencies, inverse cryptocurrencies, and cryptocurrency indexes. Our commodity Synths include synthetic gold, measured per ounce; our cryptocurrencies include oBTC, oETH, and oBNB, with more to come; and our Inverse Synths inversely track the price of those available cryptocurrencies, meaning that when BTC's price decreases, iBTC's price increases.

OIKOS Advantages

Exchanging on Oikos.Exchange gives numerous points of interest over unified trades and request book based DEX's. The absence of a request book implies all exchanges are executed against the agreement, known as P2C (peer-to-contract) exchanging. Resources are relegated to a swapping scale through value taken care of provided by a prophet, and can be changed over utilizing the Oikos.Exchange dApp. This gives unending liquidity up to the aggregate sum of guarantee in the framework, zero slippage, and permissionless on-chain exchanging.

Approach

Week 1: In this week we all are going to learn about GitHub and its basics like how to contribute the code in a single repository and after that, we are going to make a GitHub repository for sharing the code with the team members.

Week 2: We are going to learn about ReactJS and Blockchain technology as none of us have much knowledge about these technologies.

Week 3 to 6: We are going to start our work on the website and will try to complete it.

After Week 6: We will finish with other remaining work/suggestions and also focus on the responsiveness of the website.

Conclusion

Oikos has already delivered one of the most complex and useful protocols built on Binance Smart Chain to date. But the potential for censorship-resistant synthetic assets is still largely untapped. Further improvements to the mechanism as well as functional upgrades and new Synths will vastly increase the utility of the platform. Movement to a decentralised governance process will also reduce systemic risk and increase the long term viability of the project.

GITHUB:

Shruti: <https://github.com/kamathshruti>

Sanika: <https://github.com/sanika-1>

Manjot: <https://github.com/manjxt>

Roslin: <https://github.com/Rosssssyyyyyy>

Aditya: <https://github.com/aditya423>

Work Repository: <https://github.com/aditya423/oikos-cash-dex>

