⬜IKOS

Industry Overview

Decentralized Finance (DeFi), also known as Open Finance, represents a broad category of financial applications being developed on open, decentralized networks. The objective is to build a multi-faceted financial system, native to crypto, that recreates and improves upon the legacy financial system.

History

Oikos is a decentralized synthetic asset platform that provides on-chain exposure to real-world currencies, commodities, stocks, and indices. These synthetic assets (Synths) are backed by Oikos Network Tokens (OKS) locked into a smart contract as collateral. Synths track the prices of various assets, allowing crypto-native and unbanked users to trade P2C (peer-to-contract) on Oikos Exchange without liquidity limitations.

Product/Service Line Description

Oikos.exchange

Oikos.exchange provides an intuitive interface for conversions between the full range of Synths available. It provides access to a variety of synthetic forms of fiat currencies, cryptocurrencies, and commodities.

Oikos Minter

Minter is a dApp for OKS holders to perform a variety of actions in the Oikos Network. It provides a clean and intuitive interface that allows users to mint and burn Synths, manage their collateralisation ratio, collect fees generated by circulating Synths, view their balances and Mintr history, unlock escrowed OKS, and more.

Technology

Asset Creation

Anyone can issue new Synths by staking OKS at a 750% collateralization ratio. For example, to issue 100 sUSD you would need to stake 750$ worth of OKS. By issuing new synths, a share of the global debt is assigned to you. This share of the debt must be repaid in order to unlock your staked tokens. The global debt is the cumulative USD value of all Synths in circulation. Your personal share of the debt is re-caculated every time you issue new Synths or pay back your debt. For example, if the global debt is 900$ and you issue 100 sUSD, your share of the debt becomes 10% `(100/(900+100))`. Due to price fluctuations, the value of the global debt continuously changes and so does your debt.

Since Stakers are taking a risk to stabilize the system, they are rewarded through Synth exchange fees as well as through the inflationary OKS supply. Stakers must maintain their collateralization ratio above 750% in order to be eligible for those rewards. Finally, stakers have the option to hedge their risk by mirroring trades on external exchanges.

Asset Exchange

Synth holders can trade Synths directly on Oikos Exchange without incurring any price slippage or requiring a counterparty. There is no order book, exchanges are simply based on the spot market rate at the time of the trade. This creates a bridge between the world of traditional finance and cryptocurrency, giving cryptocurrency holders access to various synthetic assets like stocks, commodities, fiat currencies, etc.

Token Usage

OKS is used as collateral to back all synthetic assets (Synths). Synths are minted when OKS holders stake their OKS as collateral using Minter, a decentralised application (dApp) for interacting with the Oikos contracts.

OKS holders are incentivised to stake their tokens and mint new Synths. First, they are entitled to a share of all fees collected from Synth trades (0.3% per trade). Second they are entitled to OKS rewards that are distributed through the system's inflationary monetary policy.

For a more in depth overview of the system, please refer to the documentation and litepaper available on the main Oikos.cash website.

Token Details

Tokens can be obtained through the following method(s):

1. Staking.
2. Payouts to compensate employees, reward users, fund projects, and other direct use from reserve funds.
3. Public offering.
4. Private offering.
5. Airdrops.

Initial Supply

Outstanding Supply

100,000,000.00

Founders & Project

40%

Investors

60%

Launch Details

100,000,000 OKS have been issued and are allocated as follows:

60% allocated to investors in the private and main sale 3% reserved for Bounties and Marketing Incentives 5% reserved for Partnership Incentives 12% allocated to the foundation, vesting quarterly for 12 months 20% allocated to the team and advisors, vesting quarterly for 24 months

Token Sale	Team & Advisors	Bounties & Marketing Incentives	Partnership Incentives	Foundation
60%	20%	3%	5%	12%

OKS tokens have a built-in inflationary supply schedule. Starting the first year, 1,442,308 OKS will be added every week, with a decay rate of 1.25% starting at week 40 and running for 194 weeks. At week 234, a terminal rate of 2.5% inflation will be reached. The minted supply will be used to reward stakers and to incentivize long-term network participation.

drawing

Period	Increase	Total Supply	Increase %
Year one	73,438,656	173,438,656	73.43%
Year two	46,450,315	219,888,971	26.78%
Year three	24,150,054	244,039,025	10.98%
Year four	12,555,890	256,594,915	5.14%
Year five	7,067,493	263,662,408	2.75%
Year six	6,802,990	270,465,398	2.58%
Year seven	6,845,198	277,310,596	2.53%

Funding Rounds

Start Date	End Date	Tokens allocated	Price	Goal
20/05/2020	31/05/2020	60,000,000 OKS	$0.022	$1,320,000

Governance

The project has established an Improvement Proposal process, dubbed OIP (Oikos Improvement Proposal),which allows anyone in the community to put forward improvement proposals related to the protocol. OIPs describe standards for the Oikos platform, including core protocol specifications, client APIs, and contract standards. All OIP's are discussed and expanded upon by the community in Github as well as the Oikos Discord channel. OIP status terms:

WIP - a OIP that is still being developed. Proposed - a OIP that is ready to be reviewed in a governance call. Approved - a OIP that has been accepted for implementation by the Oikos community. Implemented - a OIP that has been released to mainnet. Rejected - a OIP that has been rejected.

Over time, the team plans on removing various points of centralization including:

Legal and operational structure

1. Legal entities
2. Treasury management
3. Grant distribution Protocol changes
4. Code
5. Parameter tuning
6. Cryptoeconomic/Monetary changes Product improvements
7. Price feeds
8. Asset selection
9. Interface work

Team

Kevin Holder

Co-Founder & Software Engineer

Kevin is a computer science dropout from École Polytechnique, Paris. Before co-founding Oikos, he was spending most of his time experimenting with blockchain ideas and contributing to open source GitHub projects. His programming languages of choice are (in no particular order) Solidity, JavaScript and Rust.

Albert Rodriguez

Co-Founder

Albert is an early Bitcoin, Ethereum and Tron adopter. His fascination for DeFi lead him to come up with the idea for Oikos and everything started from there. He is also a very talented developer with experience in several programming languages. His daily routine consists in drinking a lot of coffee, writing code and thinking of new possible directions for Oikos.

Official Links

GitHub https://github.com/oikos-cash

Telegram https://t.me/oikoscash

Twitter https://twitter.com/oikos_cash

Discord https://discord.gg/qjuqy6X

Contact information

Website https://oikos.cash

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