☐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 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 decentralized application 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 mint 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

Asset creation

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

Asset creation

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.
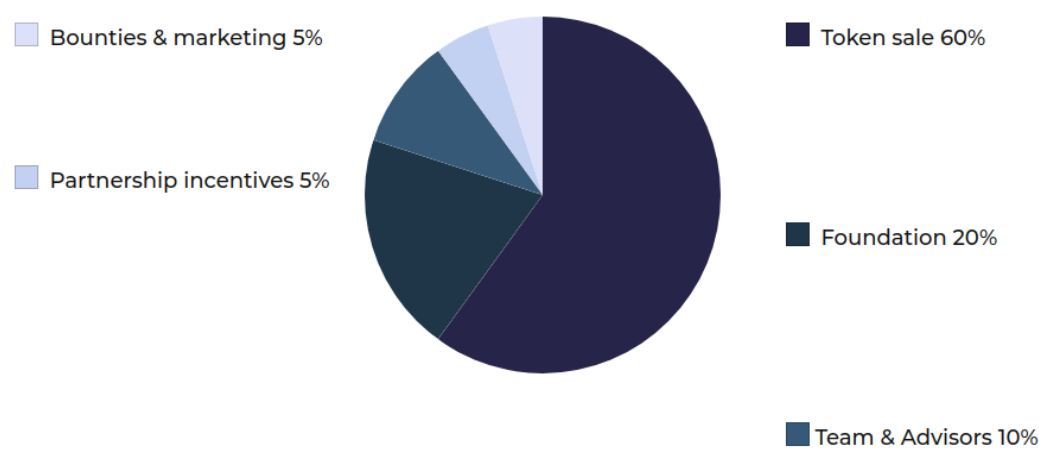- 5. Airdrops.

Launch Details

Outstanding Supply

100,000,000

Founders & Project

40%

Investors

60%

- Bounties & marketing 5%
- Partnership incentives 5%
- Token sale 60%
- Foundation 20%
- Team & Advisors 10%

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

- 60% allocated to investors in the private and main sale
- 20% allocated to the foundation, vesting quarterly for 12 months
- 10% allocated to the team and advisors, vesting quarterly for 24 months
- 5% reserved for Partnership Incentives
- 5% reserved for Bounties and Marketing Incentives

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.

Oikos network token Inflationary supply
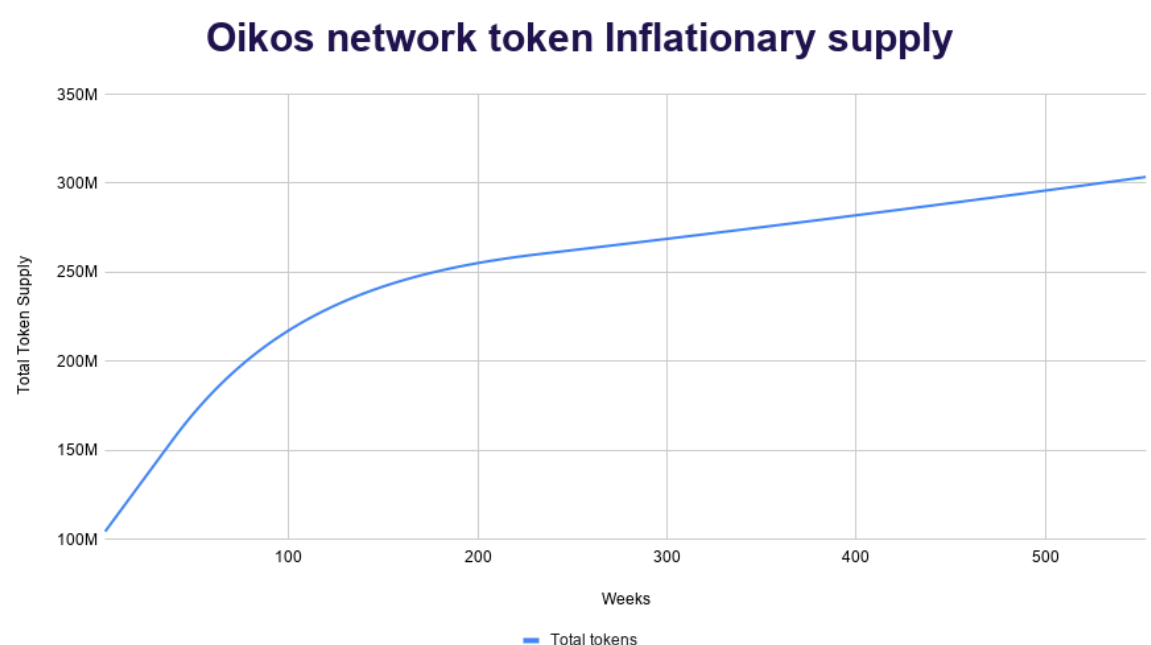
For more details about the token issuance model please refer to this document

Funding Round

The total number of tokens for sale is 60,000,000 with an individual price of $0.025, the total round goal is $1,500,000.

Rules:

Oikos funding round will start on May 20th at 12:00 PM EST and last until May 31th 12:00 AM EST.

There are no restrictions to the number of tokens an individual investor can buy.

KYC is mandatory for purchases over $10,000.

Start Date	End Date	Tokens allocated	Price	Goal
20/05/2020	31/05/2020	60,000,000 OKS	$0.025	$1,500,000

Governance

The project will adopt an Improvement Proposal process, dubbed OIP (Oikos Improvement Proposal), which allows anyone to put forward improvement proposals related to the protocol. OIPs encompass standards for the Oikos platform, including core protocol specifications, client APIs, and contract standards. 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

- 1. Code
- 2. Parameter tuning
- 3. Cryptoeconomic/Monetary changes

Product improvements

- 1. Price feeds
- 2. Asset selection
- 3. Interface work

Team

Kevin Holder Co-Founder & Software Engineer

Kevin is a talented software engineer that has been through the whole technology stack during the course of his career, from cryptography to front end web development. Before co-founding Oikos, he spent his time developing smart contracts, studying decentralized applications and contributing to open source. 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.

Website

https://oikos.cash

Email

info@oikos.cash