

**OPENDAO**

# Connecting Real World Assets to Decentralised Finance

LitePaper V1.0  
September 2020



## **Introduction**

DeFi has the potential to not only revolutionize how people around the globe exchange value and access financial services, but to also give those same people the opportunity to break free from the arbitrary financial restrictions that prevent them from seizing life-changing opportunities.

However, DeFi is only in its infancy, and we have yet to see the movement make a major impact on the global stage; the entire DeFi market deals almost exclusively with a niche of on-chain assets, which leaves a literal world of “real” assets out of the picture. Without these real world assets, the scale of DeFi and cryptocurrency will continue to pale in comparison to even a single company such as Apple or Facebook, not to mention the \$73 trillion dollar stock market or the \$217 trillion dollar real estate market.

The next logical step for DeFi and cryptocurrency is to envelop real world assets. OpenDAO is here to make this crucial step in tokenization a reality.

## **Challenges with Real World Assets in DeFi**

Tokenizing real world assets is easier said than done. It is one thing to tokenize gold or a home into collateral, but what happens when borrowers come into the market and decide not to pay back? How can a token owner be sure that their token is truly attached to a real world asset?

These issues create a situation where off-chain enforcement of contracts becomes necessary, and we are no longer relying on blockchains, but rather individuals or groups of people - thus defeating the use case of blockchains and DeFi in the first place. Fortunately, OpenDAO has found a way to handle these issues in a seamless and trust-minimized manner.

## **Our Approach**

To address the challenges outlined above, we have developed 3 protocols, which when used together, will allow real-world assets to be utilised by DeFi in a meaningful manner. These are:

- **Cash Box + Open Stake** - How we provide on-chain liquidity against off-chain assets and handle off-chain enforcement.
- **OPEN USD (oUSD)** - How real world assets can serve as collateral to mint a stablecoin.
- **Open Market (OPM)** - How users can lend against real world assets for a stable and high return, and conversely, how borrowers can utilise their real world assets as collateral.

## **Cash Box Liquidity Mining + OPEN Stake**

Having on-chain liquidity against real world assets is key to maintaining the entire system. To create an efficient liquidity layer on top of real world assets, we are replacing Uniswap in our architecture with a system called the Cash Box.

LPs supply stable tokens (USDC, USDT, DAI etc) to a cash box which becomes a perpetual counterparty to anyone with collateral tokens. Collateral tokens could be tokenized real estate, shares, or any other kind of tokenized real world asset. LPs earn fees as well as OPEN tokens for staking.

More details in the Whitepaper and these Medium articles: [Cashbox](#), [Liquidity Interface](#), [Off-chain Enforcement](#)

## **oUSD Stablecoin**

oUSD grants those with productive assets the ability to mint a superior stablecoin. The goal of oUSD is to fulfill all 5 requirements of sound modern money - a feat yet to be accomplished by any of the current stablecoin options, fiat currencies, or traditional stores of value. Sound modern money requires a currency to be:

1. Backed by something valuable
2. Exchangeable for other valuable items (Network Effect)
3. Capable of performing practical day-to-day transactions
4. Scalable to meet the needs of an expanding economy
5. Censorship resistant

More details in the Whitepaper and [this Medium article](#).

## **OPM Money Market**

Open Market (OPM) is a money market for lenders and borrowers to interact with real world collateral.

Lenders can lend oUSD, USDT/C, and/or DAI to earn a high yet stable interest rate against real world collateral, such as collateral-pool-tokens representing real estate and other assets. On the other side of the equation, borrowers can tokenize their real world assets and use them as collateral to borrow against. Both lenders and borrowers are rewarded with OPEN tokens.

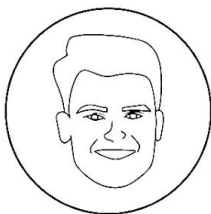
The OPM is live on mainnet now. 30-day APY of 9%+ at [opm.opendao.io](https://opm.opendao.io)

## OpenDAO Governance

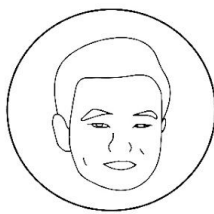
OPEN token holders own and control the OpenDAO. Token holders will eventually decide on which assets can be used as collateral for both the liquidity pools and oUSD minting. OPEN tokens will also be used to incentivise actions in the OpenDAO ecosystem such as yield farming rewards.

## The OpenDAO Team

OpenDAO's project team and advisors have rich professional backgrounds across investment banking, technology, cryptography, and real estate.



**MORESH KOKANE**  
LEAD ARCHITECT



**SEAN QIAN**  
OPERATIONS LEAD



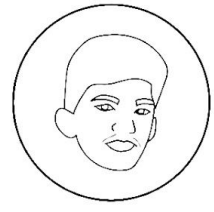
**AKSHAY SRIVASTAV**  
SNR BLOCKCHAIN DEV



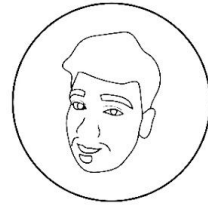
**TEJAS CHITNIS**  
SNR BLOCKCHAIN DEV



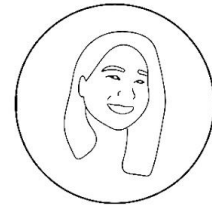
**LOGAN FULCHER**  
COMMUNITY LEAD



**VIRAJ KOKANE**  
SNR ENGINEER

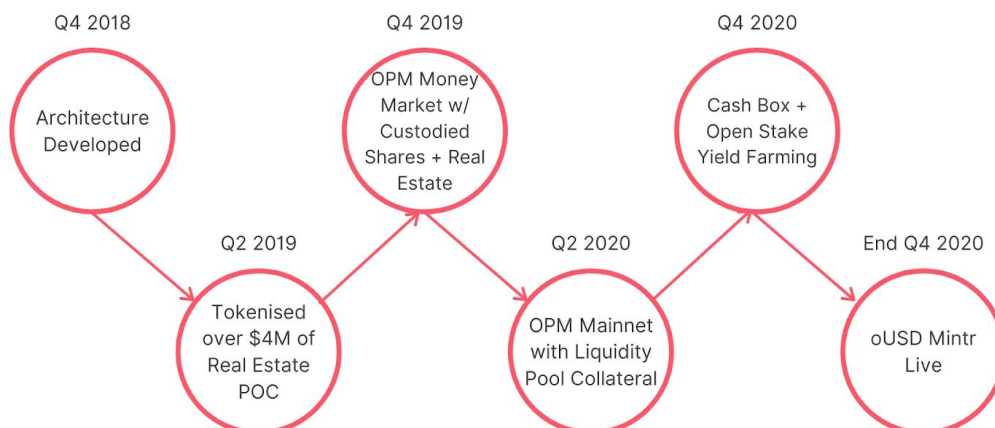


**HARSHAL MUNDHE**  
OPERATIONS



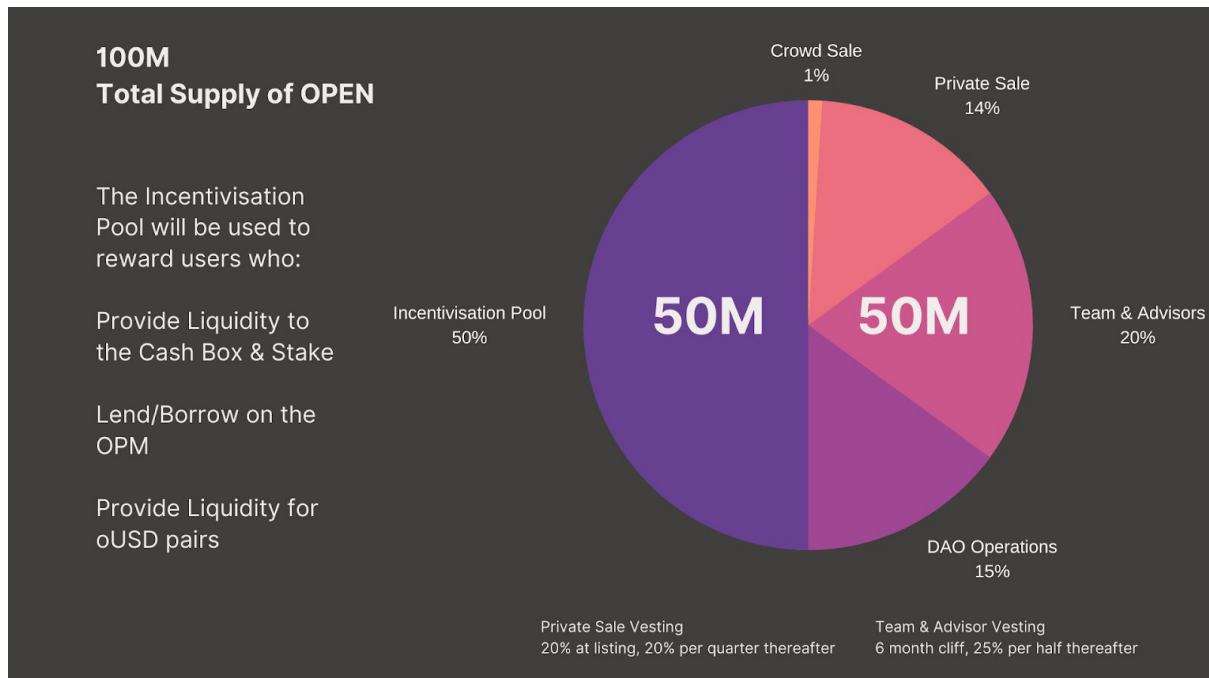
**ISABELLE QIAN**  
DESIGN

## Progress To Date



## Token Information

There is a fixed supply of 100M OPEN tokens. 50% of tokens are for community incentives such as yield farming.



## Links & Resources

OpenDAO is more than just a DeFi project. It is a community and an opportunity. Join us and be part of building a future where wealth creation is inclusive, borderless, and unlimited.

### **Want more?**

Website: [OpenDAO.io](https://opendao.io)

Be a Liquidity Provider: [cashbox.opendao.io](https://cashbox.opendao.io)

Lend on the OPM: [opm.opendao.io](https://opm.opendao.io)

Join our [Telegram](#)

Join our [Discord](#)

Follow us on [Twitter](#)

And on [GitHub](#)