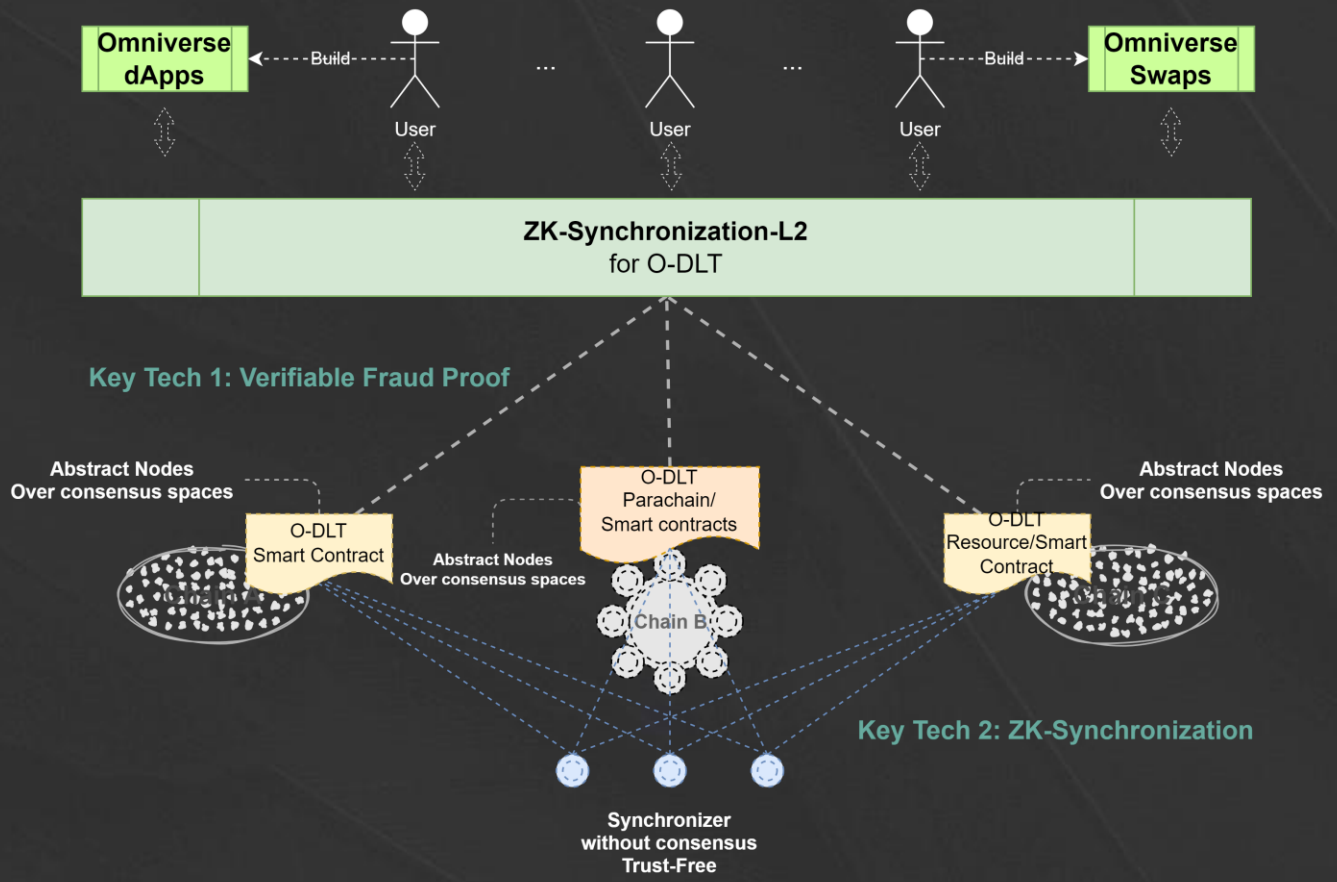
Omniverse

O-DLT

Omniverse Decentralized Ledger Technology (EIP-6358)

Technical Architecture



Key Points

- Omniverse DLT is composed of an omniverse transaction protocol at the application level, O-DLT smart contracts deployed on different blockchains, and trustless off-chain synchronizers.
- O-DLT smart contracts are considered as Abstract Nodes recording transaction states synchronously.
- Off-chain synchronizers are working without consensus, they are absolute trustless.
- A **ZK-Synchronization-L2** for higher efficiency and gas reduction for the omniverse transactions, which also makes the development of future Omniverse dApps more efficient.

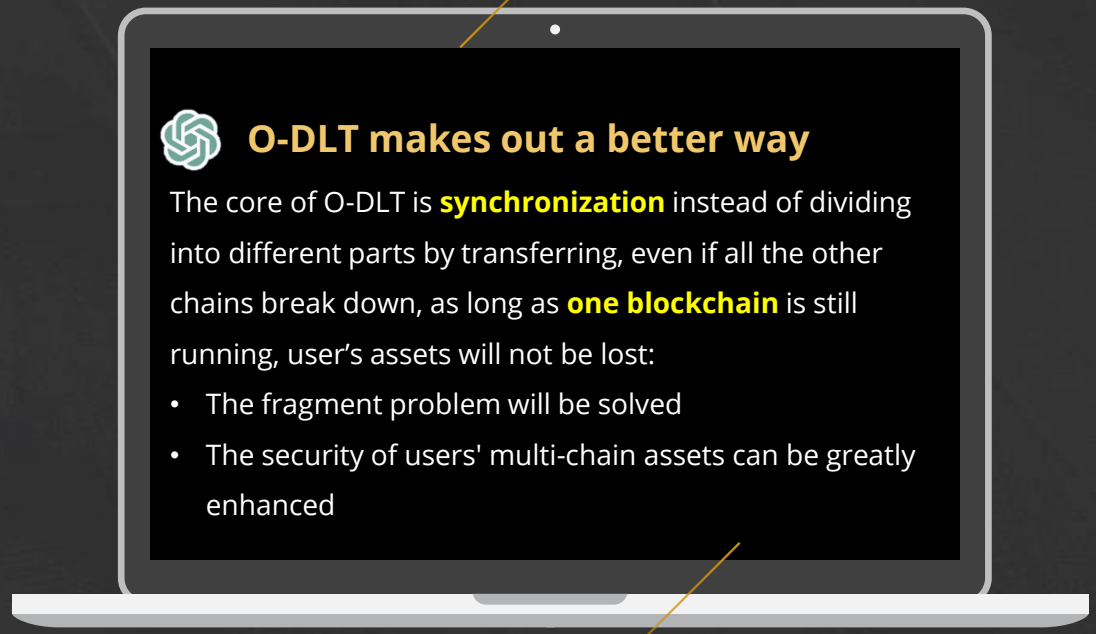
Motivation

Fragment Problem of Token bridges

Assets are divided into different parts on different chains with traditional token bridge.

Assets disappear from token bridges

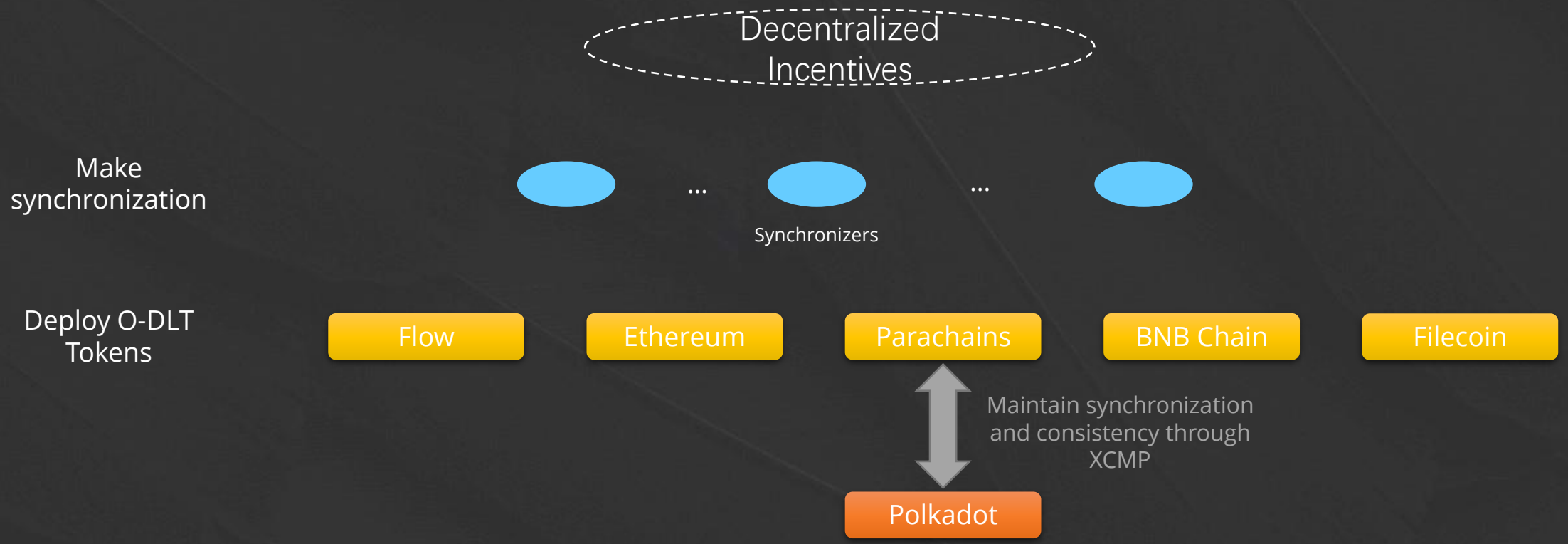
Consider 100 ETH is transferred from Ethereum to Chain A with any token bridge, and one day Chain A breaks down. Now the 100 ETH lost for users. Although the real tokens are locked on a token bridge on Ethereum, but their real owner cannot get it back anymore.



Business Solution

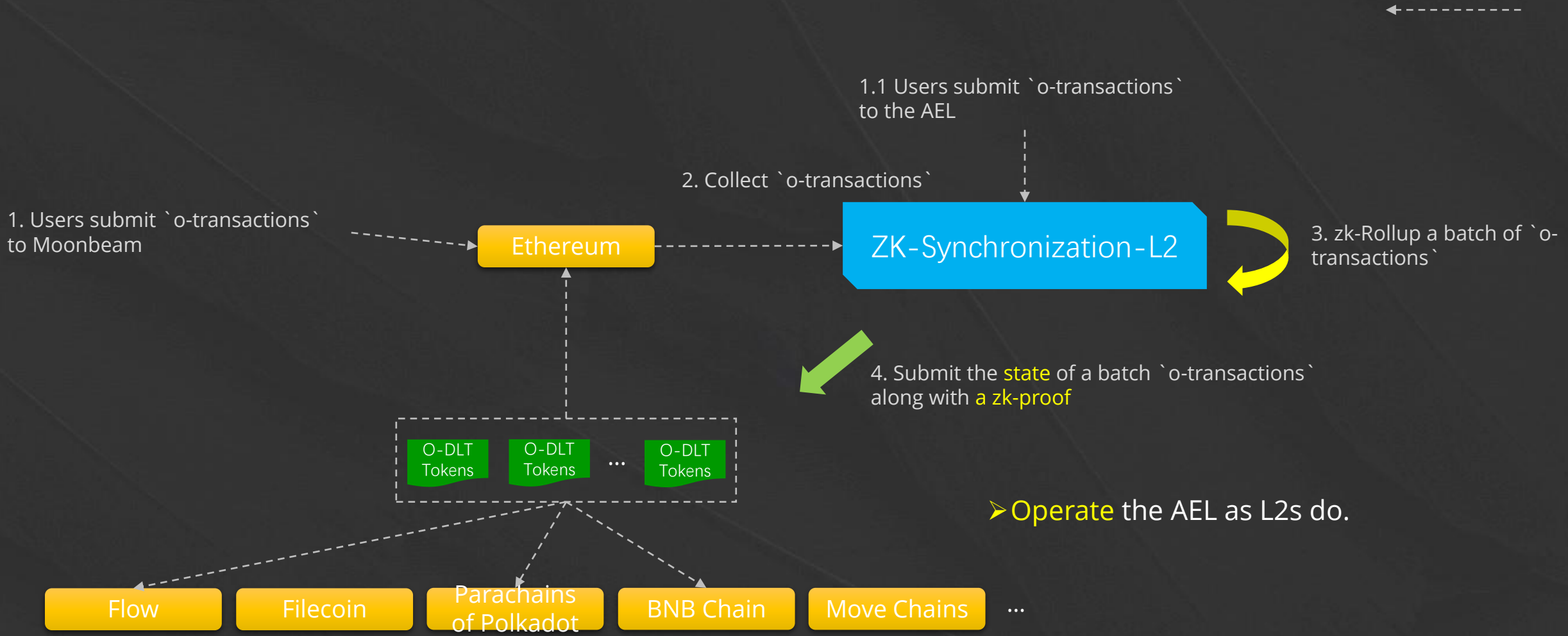
Solution: Governance

- Publish an special O-DLT token and use is as the **governance token**



Business Solution

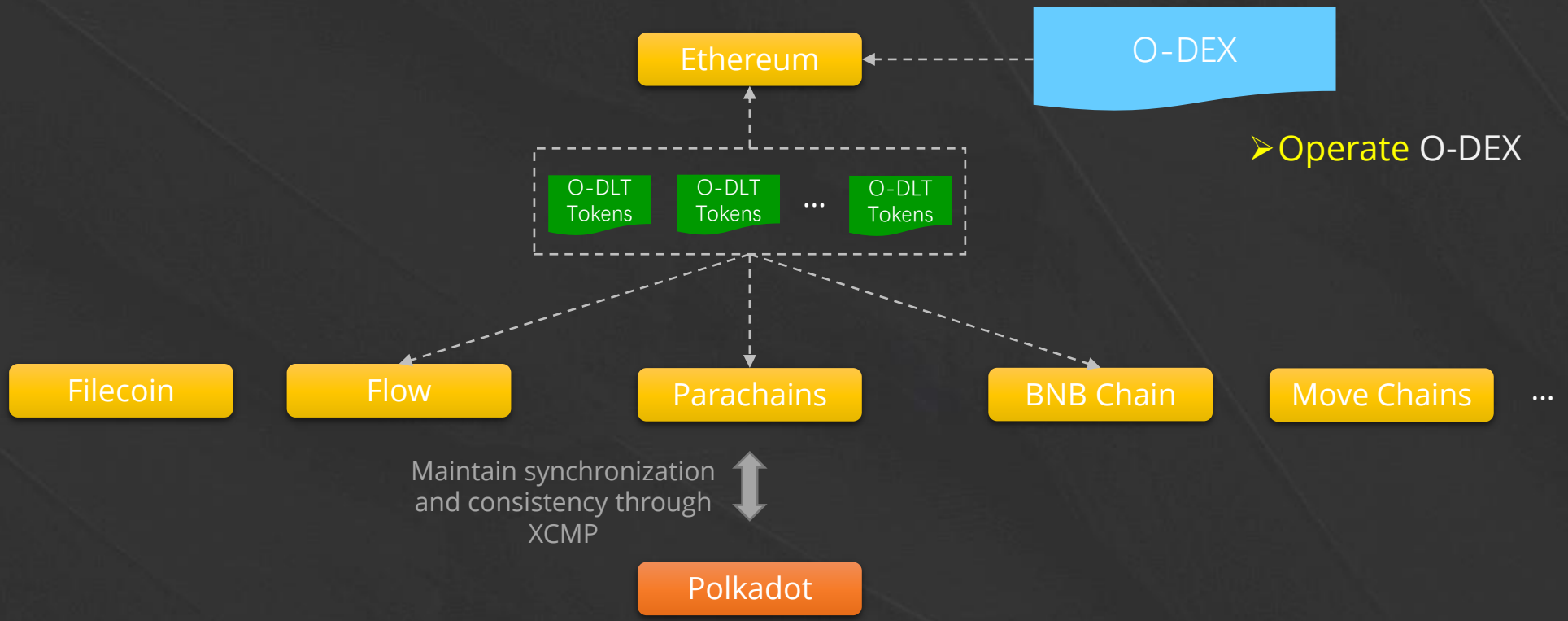
Solution: ZK-Synchronization-L2



- Operate the AEL as L2s do.

Business Solution

Solution: O-DEX



Road Map

2023 Q1

Project Starts.
Apply for grants.

2023 Q2

Complete the basic Development.
Deploy the O-DLT on the Testnet of Ethereum, BSC, Flow, etc.

2023 Q3

The TestNet for the ZK-Synchronization-L2.
Seed Community.

2023 Q4

The Testnet of the Omniverse DEX based on O-DLT protocol.
Build the community and related Marketing businesses.

MANY THANKS