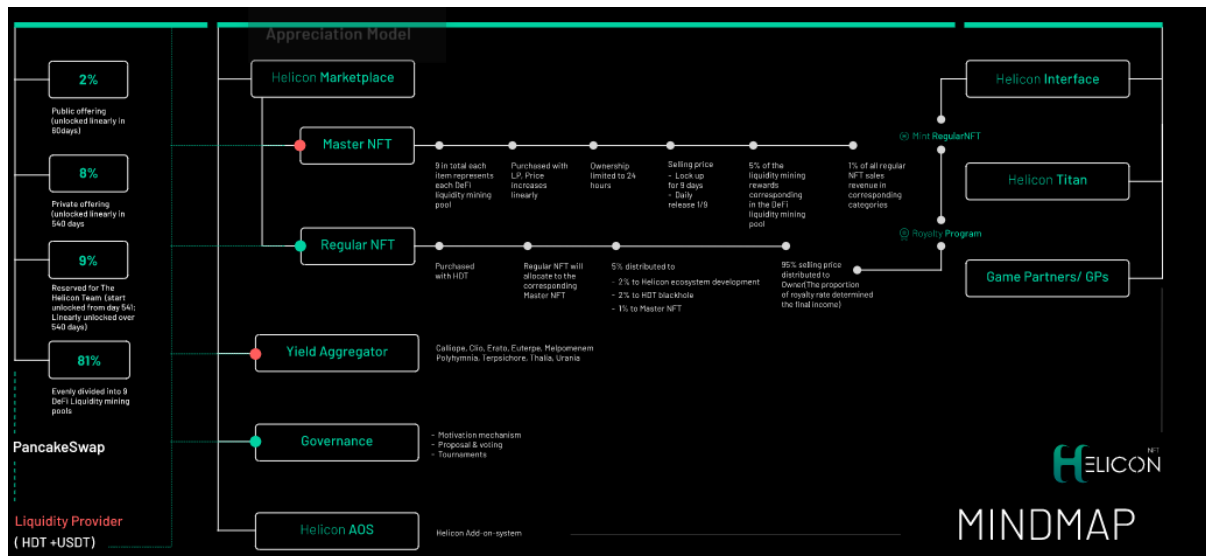


## Sample Dex MindMap



## Blockchain

PureWeb3.0/Defi2.0/Polkadot/Substrate/Kusama

Kusama is a canary network for Polkadot; Kusama is a proving ground for runtime upgrades, on-chain governance, and parachains.

Basically, Polkadot **Parachain Auctions** are automated candle auctions (with some adjustments relevant to blockchain technology). It means that there is an opening period and an ending period. At any moment the winner can be chosen but we will only find it out at the end. It is not easy to get access to the Polkadot Relay Chain, and, currently, Parachains prefer to use crowdloan mechanism to collect funds to participate in Polkadot Parchain Auctions.

To participate in the PolkadotParachain Auction and compete for a slot, prospective Parachains can bid in two ways:

**Parachains can bid their own DOT, through a single account**

**Parachains can use crowdloans to crowdsource DOT and bid it in the auctions**

## SmartContract

Our work can utilize JIT (Just in Time) and AOT (Ahead of Time) compiler optimizations at runtime to improve **performance by 100x compared with EVM's** interpreter execution mode. Besides, EVM only supports integers math computation, so **Web3** applications requiring a bit more complicated math computation can only build on top of the WebAssembly infrastructure.

# Compatibility

Full compatibility with tools and platforms such as **Metamask and Uniswap**, as well as all other industry-leading blockchain hardware and software solutions.

## Bridges:

To all blockchains like cosmos, ethereum, avalaunch, polygon hermez, binance smart ...

**XCM(Cross-Chain Message Passing)** is related to cross-chain in the same way that REST is related RESTful. XCM cannot actually send messages between systems. It is a format for how message transfer should be performed, similar to how RESTful services use REST as an architectural style of deployment.

## Storage:

IPFS: A peer-to-peer hypermedia protocol designed to preserve and grow humanity's knowledge by making the web upgradeable, resilient, and more open.

Oracle:





## Requirements:

At least DOT 100 for lease network on polkadot/kusama.

### Recommended Hardware

• CPU: 2.0 GHz x64 CPU • Memory: 8GB RAM • Disk: 500GB High-Speed Storage (SSD) • For your reference, we deploy our own node on Azure D2s\_v3 instances (2 VCPU, 8GB Memory, 500GB Disk space):

1 Validator

1 Blockchain Infrastructure

1 Substrate node(SSD 128)

1 Docker Repository\_Gitlab(Optional)

1 IPFS Node

## Future Work

Token holders can vote on how to use the tokens in the treasury for a variety of purposes, such as new software features, developer programs, start / stop / upgrade testnet or mainnet, community incentives for developers and advocates. Each token has one vote in the **DAO**. And each staked token receives an additional weighted vote based on different staking period.