

## Impossible Finance OpenSwap (OSWAP)

25 August 2021

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OpenSwap is an integrated DeFi Hub featuring an already-live DEX aggregator to help users find best on-chain swap options. Its product roadmap features **Liquidity Queues**, **Hybrid Smart Routing** and a new decentralized **Interchain Bridging Protocol** that will add on to its on-chain liquidity offerings

### 01 Highlights

- ▶ Raised \$1.5m from over 20 investors, led by Coin98 Ventures, Legos Capital, NGC, BR Capital, Leo Cheng (C.R.E.A.M), and Ravindra Kumar
- ▶ (Frontier) Experienced product-first team building a multitude of DEX-related infra-structure products, hence its selection as Impossible's first project in the DEX infrastructure staking category
- ▶ Tackling liquidity challenges to help reduce the gap in trading experience between CeFi and DeFi

### Quick Metrics

Public Sale Price	\$0.04
Total Supply	1 billion OSWAP
Launchpad Sale Hard Cap	\$340,000 USD*
Day 1 Circulating Marketcap	\$1 million

\*In the event of significant oversubscription, Impossible reserves the ability to adjust the hardcap to accommodate increased user demand.

### 02 Technical Overview of Core Products

#### Liquidity Queues

OpenSwap liquidity queues offer a new approach to on-chain liquidity that offers traders and market makers with a novel and efficient mechanism for carrying out on-chain trades that complement and enhance the current DEX ecosystem.

Rather than simply refine AMM formulas for modest improvements, OpenSwap has taken a new approach that removes the one-size-fits all approach of current DEXs. OpenSwap introduces trading through newly purpose-defined liquidity queues that bring benefits to both **market makers** (LPs) and **market takers** (retail swappers), all within a decentralized platform.

#### Pricing based on the use case

OpenSwap will initially offer Liquidity Queues categorized into 4 broad categories, each based on a different pricing mechanism.

SPOT PRICE QUEUES	RESTRICTED GROUP QUEUES	PEGGED QUEUES	OFFER PRICE QUEUES
Trades will always occur based on oracle-based market prices	Special priced offers that are restricted to specific groups of users	Assets will always be priced based on a fixed ratio to another asset	Assets will be priced based on market maker offers

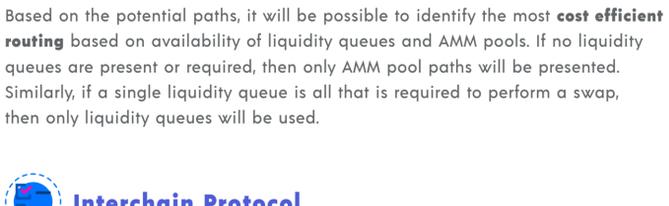
#### Hybrid Router

With the introduction of OpenSwap's liquidity queue concept, market makers and takers have a mechanism to carry out efficient **spot-market trades** on selected pairs, notably pairs involving stablecoins.

OpenSwap's Hybrid Smart Router takes the liquidity queues to the next level by enabling the coupling of swap trades from AMM pools with Queues to provide a clear advantage over existing AMM pool-only approaches.

	OpenSwap	1inch	DEX (ie pancake)
Transaction fees for a 2 hop swap using stablecoin & token	-0.35%	0.5 - 0.6%	0.5%

Current DEX routers only work with their own AMM pools, thus a 2-hop swap on pancake would incur a transaction fee of 0.5% in addition to slippage on both pools.



#### HOW DOES IT WORK

The **Hybrid Smart Router** is a set of smart contracts that **identify potential swap paths** leveraging both AMM pool smart contracts and liquidity queue contracts. Based on the potential paths, it will be possible to identify the most **cost efficient routing** based on availability of liquidity queues and AMM pools. If no liquidity queues are present or required, then only AMM pool paths will be presented. Similarly, if a single liquidity queue is all that is required to perform a swap, then only liquidity queues will be used.

#### Interchain Protocol

OpenSwap aims to introduce a new decentralized **Interchain Bridge Protocol** that will offer significant improvements over existing decentralized cross-chain approaches. With a set of decentralized 'bridge trolls' and 'single asset bridge vaults', a more efficient interchain bridging mechanism will be introduced to the DeFi space.

OpenSwap's decentralized interchain bridging protocol enables the swapping of digital assets from one chain to another with the help of **Bridge Vaults** and **Bridge Trolls**.

**Bridge Vaults** - Single asset vaults that protect liquidity providers from impermanent loss.

**Bridge Trolls** - Network of bonded 'Bridge Trolls' release funds on target chains using dynamic multi-sig withdrawals that require more trolls to sign larger bridge transactions.



	OpenSwap	Peg & Mint Model	Liquidity Pair Pool Model
Swap using native tokens	Yes	No	Yes
Decentralized & Transparent	Yes	Yes	Yes
No Impermanent Loss for LPs	Yes	N/A	No
Fast Bridging	Yes	No	Yes
Gas Fees	Low-Med	Med-High	Med-High
Scalable	Yes	Yes	?
Easy to integrate with DEXs	Yes	Yes	No
Increased security with trx size	Yes	N/A	N/A

#### Updating our Gitbook



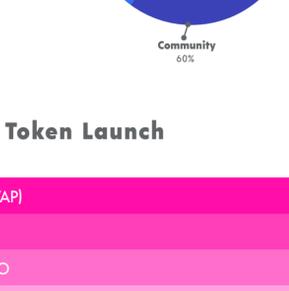
#### Incremental Gitbook Updates

As the DeFi universe expands and more new chains emerge with individual DEXes on each chain, liquidity will be increasingly scattered across multiple chains.

### 03 Investor and Expected Token distributions

#### Token Distribution

Community	60%
Team	13%
Advisors	3.00%
Investors	3.50%
Dev Fund	8%
Reserve	9%
Locked Governance	2%
IDO	1.5%



#### OpenSwap (OSWAP) Token Launch

Token Name	OpenSwap (OSWAP)
Total Supply	1 billion OSWAP
Circulating Supply	1 million upon IDO
Price	\$0.04

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#### Strategic Investor Support



### 04 Security Audits

Initial contracts are **audited by Certik** and peer reviewers

Currently working with **Beosin** for new smart contract audits



### 05 Key Feature Rollout Plans

- ✔ Upcoming Tech Releases:
  - Spot Priority Queues
  - Spot Range Queues
  - Group Queues
  - Limit Offer Queues
  - Hybrid Smart Router
  - Open Interchain Protocol
- ✔ Partnerships & Collaborations:
  - Impossible Finance
  - COIN98 VENTURES
  - University Crest
- ✔ Upcoming Marketing Events:
  - Trading Competitions
  - Meme Competitions
  - Gleam Campaigns
  - Thought Leadership Sessions

### 06 Impossible Finance x OpenSwap

Impossible Finance has officially incubated the OpenSwap project with a vision of 'fair-access' and powerful liquidity aggregation for decentralized exchange trading.

You will be able to participate in the OpenSwap IDO on the Impossible Launchpad through staking **IDIA tokens** in the DEX track.

Other methods to earn OSWAP tokens are also available through IF and IDIA LP staking pairs on [opswap.xyz/#/staking](https://opswap.xyz/#/staking)

### 07 More Information

#### Technical Whitepapers



Liquidity Queues



Hybrid Router



Interchain Protocol

#### Marketing Channels



#### FAQs / AMAs

