

## **L I T E P A P E R**

**Revised February 2023**  
**O2 Protocol. All rights reserved**

### **Problem to solve**

O2 Protocol mission is to help carbon offset holders, investors and traders to create wealth and impact the market of carbon offset thru the blockchain technology.

We operate as a decentralized facilitator of carbon offset tokens by offering the services to connect with lenders and borrowers of such tokens and generate income thru liquidity pools and farming on the blockchain.

### **Solution**

A lending and borrowing of liquidity providers (LP) tokens, using stablecoins and carbon offset backed tokens like PCO2, O2P among others equivalents, which are very similar to stablecoins in volatility terms. Each PCO2 token will be backed by 1 BCT (Toucan Base carbon tonne) which equals to 1 carbon offset tonne). O2P will be an utility token for governance and trading fees.

Based on a unique risk mitigation method, O2 Protocol allows

- market participants to choose the risk exposure of their LP borrowed tokens by leveraging their positions through secure, non-custodial, smart contracts.
- lenders can offer their LP tokens without the risk of exposure in the same way as borrowers do without zero risk of liquidation, generating passive income yield from borrowers.

### **Token utility: Governance**

O2 Protocol is governed by anyone who owns O2P tokens, O2 Protocol native currency, in a fair and transparent way.

All O2P token holders can propose a change to the protocol or vote on existing proposals. Therefore, the role of O2P tokens includes acting as an incentive for liquidity providers and being a governance vehicle for the decentralized infrastructure. Also O2P tokens accrue value from platform fees paid for engaging and accessing the products and services of O2 Protocol leverage LP farming ecosystem to the financial of carbon offset projects.

## **Value Accrual**

O2P tokens accrue value from platform fees paid for engaging and accessing the products and services of O2 Protocol ecosystem - from the fees collected on leverage farming of LP tokens assets to carbon offset projects financials.

## **Carbon offset projects finance**

O2 Protocol will invest and finance physical carbon offset projects all around the globe. O2P holders will have a vote decision on every project offer thru a staking - lock (vest) in the platform.

## **Launchpad: carbon offset projects**

O2 Protocol launchpad gives users the ability to vote on carbon offset investment decisions by bridging those carbon offset projects to the blockchain, monetizing them and keep the 50% value of the project as a revenue for sponsorship as partnership with the project proposal.

O2 Protocol goal is to partner with carbon offset third parties whether its based on blockchain or traditional carbon offset market.

## **Portfolio analysis**

- Each carbon offset project and allocation weights are analyzed and selected carefully by a specialized team
- O2 Protocol will keep the 50% as share of the carbon offset revenue valuation as an associate with the carbon offset project proposer (Reforestation, solar panels, solar winds, among others)

## **Variable Risk: leverage farming, liquidity providers**

Each borrower will have a risk level slide bar to choose. The more he risk the more yield the lender will earn. Each liquidation will be handled by oracles and TWAP (time weighted average price) price, giving time to the borrower to deleverage and avoid liquidation of the LP assets before it happens.

Base currency - users can choose the LP tokens to lend and borrow thru our platform.  
Amount to deposit - users will choose the amount they want to deposit, withdrawn on lending and/or borrowing thru a smart contract on UNISWAP and the option to leverage in the case of borrowers.



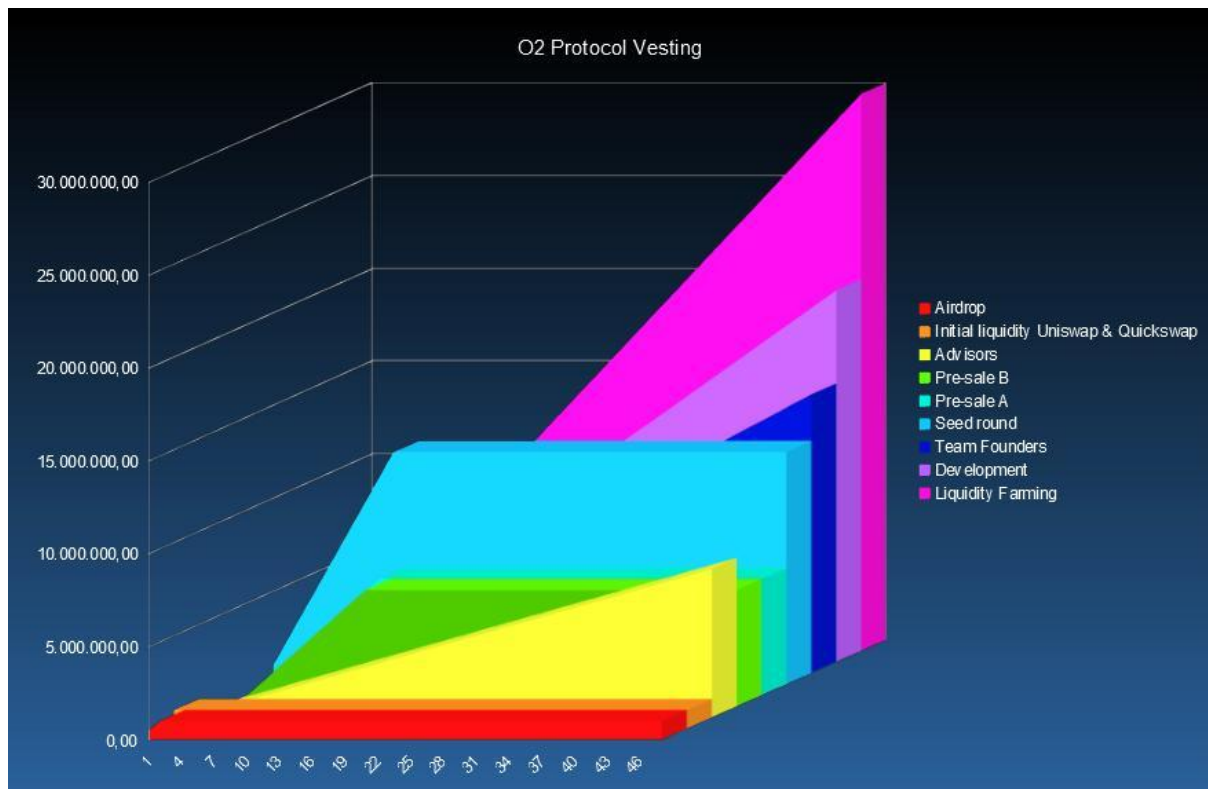
### **O2P Token - tokenomics - Four years period vesting**

Total token O2 Protocol	100.000.000	100,00%
Airdrop	100.000	0,10%
Initial liquidity Uniswap & Quickswap	1.000.000	1,00%
Liquidity farming vesting 4 years	30.000.000	30,00%
Seed financial round - 12 months vest	12.500.000	12,50%
Private sale A - 12 months vesting	6.250.000	6,25%
Private sale B - 12 months vesting	6.250.000	6,25%
Development	20.000.000	20,00%
Team founders	15.000.000	15,00%
Advisors, marketing and legal team	8.900.000	8,90%

### **O2P Vesting schedule:**

O2 Protocol will utilize the vesting model of 12 months for each financial round at an average of 8.33% monthly vesting rate: seed, Private sale A and Private sale B to avoid price dump and pump fluctuations.

- Seed round: O2P token price will be offered at 0.45 MATIC per token
- Private Sale A: O2P token price will be offered at 0.65 MATIC per token
- Private Sale B: O2P token price will be offered at 0.85 MATIC per token



**Initial price of O2P token will be offered to DEX's at the price of 1.00 USDT per token**

Investors at seed, private sale A & B will have the priority to stake at premium APR staking - lock their token in O2 Protocol platform and receive rewards up to 200% APR including vote decisions on the DAO in the 1st year as a special thanks for their trust and belief in the project, this will also help to mitigate any dump on the market by selling pressure from whales.

To create buying pressure on O2P token, O2 Protocol will purchase O2P tokens back from the DEX's using treasury revenues generated thru the platform thru leverage farming fees and **stablecoin injections incoming from the revenues of carbon offset projects financed at 50% share rate of each carbon offset project face value on the blockchain.**

O2P liquidity farming reserve tokens will vest on a 4 year time length on a day by day frequency basis with an approximately average 2.08% monthly vesting rate.

O2 Protocol also reserves the rights to organize NFTs and launchpad collections as secondary methods of marketing campaigns.



## **Roadmap**

### April 2023

- Seed financial round
- Private Sale A
- Private Sale B
- Legal status establishment

### May 2023

- Leveraged DAPP
- Integration Crowdfunding platform DAPP business
- Launchpad Carbon Offset Projects

### July 2023

- Carbon Offset NFT Marketplace
- Carbon offset tokenization bridge
- Mobile DAPP

### November 2023

- KYC compliance
- Anti Money Laundry compliance
- Debit card partnership
- Integration of commodities tokenization (soybean, rice, corn, wheat)



O2 Protocol  
CARBON OFFSET DEFI