

nhcurn.

Privacy on Ethereum

Agenda

Technology & Market

- Obscuro
- USP
- Use cases
- Comparisons

Investment Opportunity

- Market Development
- Funding round
- Tokenomics
- Financials

Obscuro

A layer 2 solution for Ethereum with privacy.

Like all L2s:

- Low-cost transactions
- Fast transactions (and withdrawals)

But uniquely:

- Privacy for all transactions (not just transfers)
- Decentralized
- No changes to Dapps
- Same UX for users

*"Layer 2 is the future of
Ethereum scaling and the
only safe way to scale
Ethereum while preserving
decentralisation that is so
core to the blockchain."*

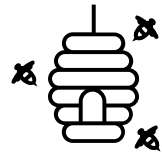
Vitalik Buterin

Privacy matters



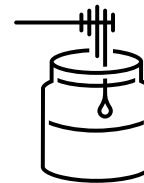
Severe limitations in Dapps

- Trading strategies cannot be confidential
- Frontrunning (MEV) inefficient and unfair markets
- Data and trades are off-chain



Solve for mainstream adoption

- Business contracts cannot reveal private data
- Financial institutions are regulated for privacy
- Institutions cannot abide by data protection laws



Unlocking new use cases for Ethereum

- Privacy as a new primitive
- Privacy as the default
- Real World Assets

Expanding Ethereum

Privacy as a new primitive for Ethereum developers.



Trading & DeFi

- DEX front-running
- Arbitrage
- Price discovery
- Dark Pools & OTC
- Trading strategy



NFTs

- Shape shifting
- DEXs



Gaming

- Hidden elements



Real world assets

- Auctions
- Sealed bids
- Bonds
- DAOs

And whatever developers imagine ...

Advantages over other solutions

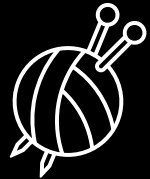
	Obscuro	Arbitrum	Secret	Aztec
Transaction Privacy	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Computational Privacy	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
EVM Contracts	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Decentralisation	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
UX	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Fast Withdrawals	<input checked="" type="checkbox"/>		N/A	<input checked="" type="checkbox"/>

Technology



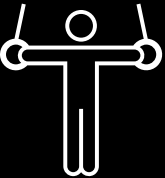
Trusted Execution Environment (TEE)

- Obscuro is built on Intel's SGX technology.
- Complete privacy, even from the operators of the host machine
- Broad availability to validators in Azure and other providers



Proof of Block Inclusion (POBI) Protocol

- Ensures transactions from the L2 are written to L1
- Consensus on L2 ledger
- Lottery based POS leveraging TEE for fairness



Safety Net

- Leverages the liveness and safety of the Ethereum Mainnet
- Worst-case scenario Obscuro would degrade privacy and delay withdrawals

The team



James Carlyle



Cais Manai



Gavin Thomas

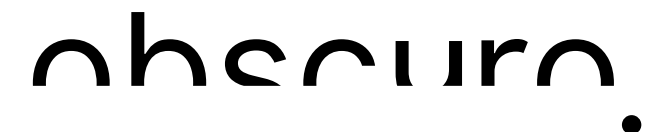


Tudor Malone



Mike Ward

+ 4 brilliant engineers



Roadmap

2022

Q1



Technical POC

Q2



Testnet (devex)



Seed round close

Q3

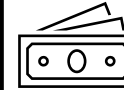


Testnet (ux)

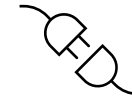
Q4



Foundation DAO



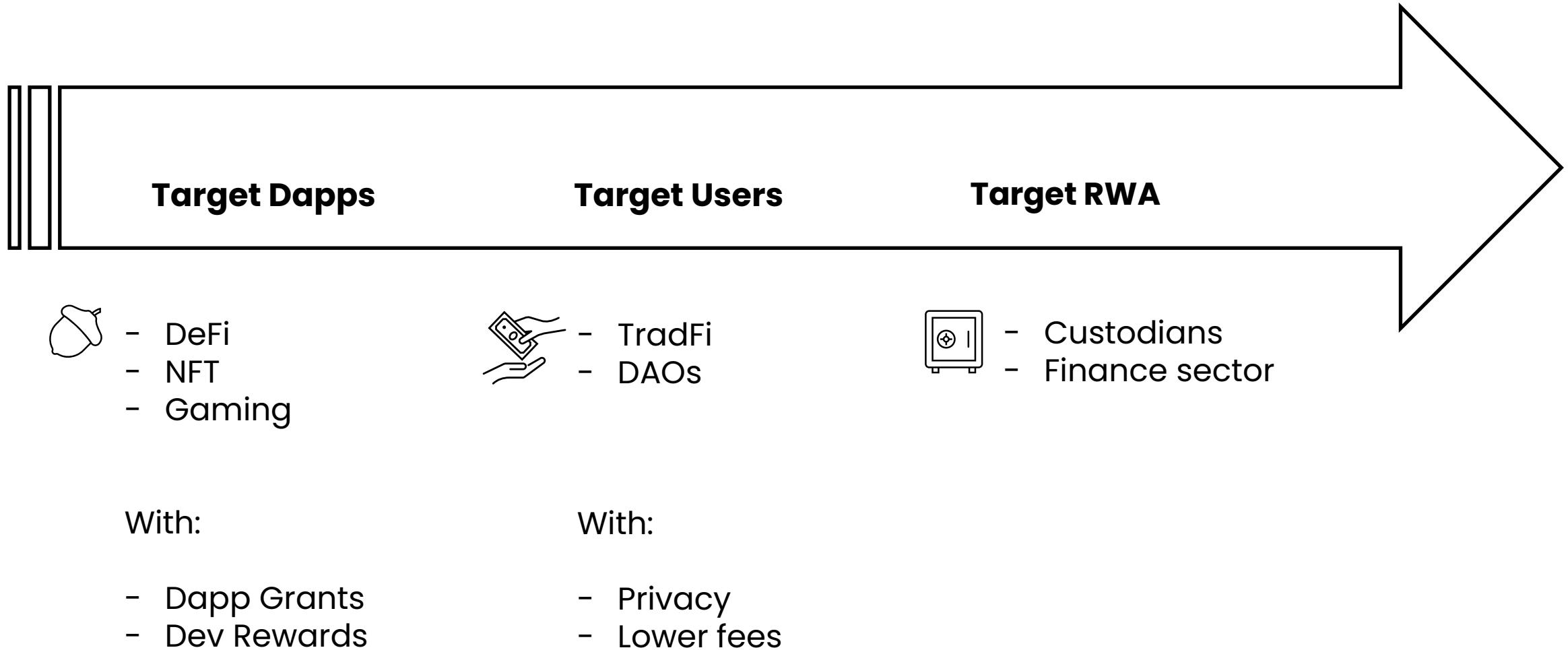
OBX distribution



Mainnet

obscuro.

Market Development



Tokenomics

Utility

- OBX is a utility token
- OBX pays for validator fees
- OBX-ETH exchanged for roll-up fees

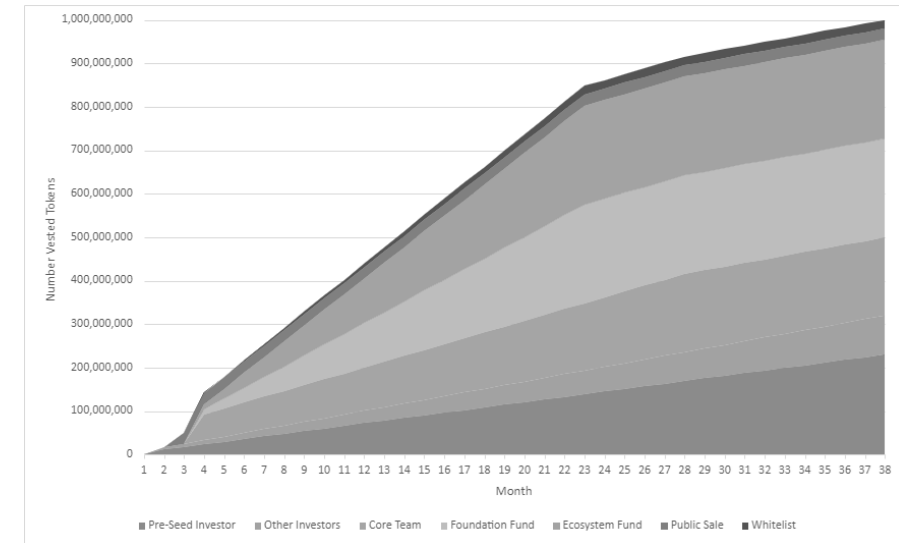
Supply

- Fixed supply of 1 billion OBX
- Reduce circulation via staking requirement
- Vesting schedule to slowly release new OBX
- TGE via Listing
- Controlled release of vested tokens

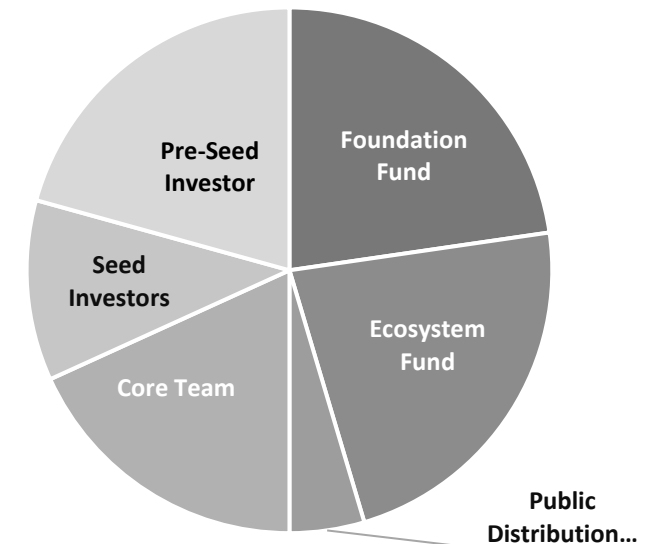
Game Theory

- Staking provides ROI
- Delegated staking

Token circulation

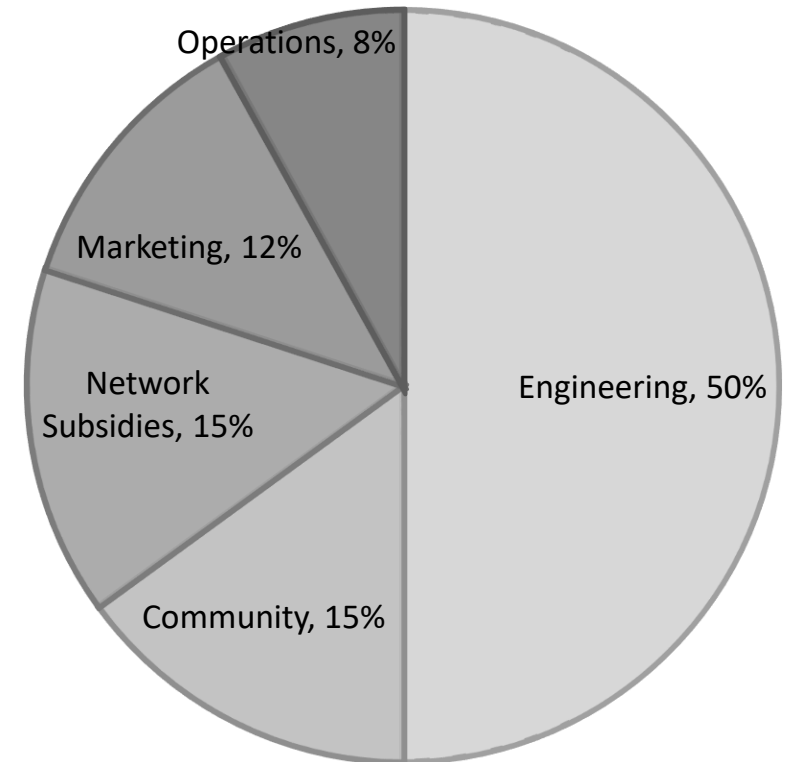
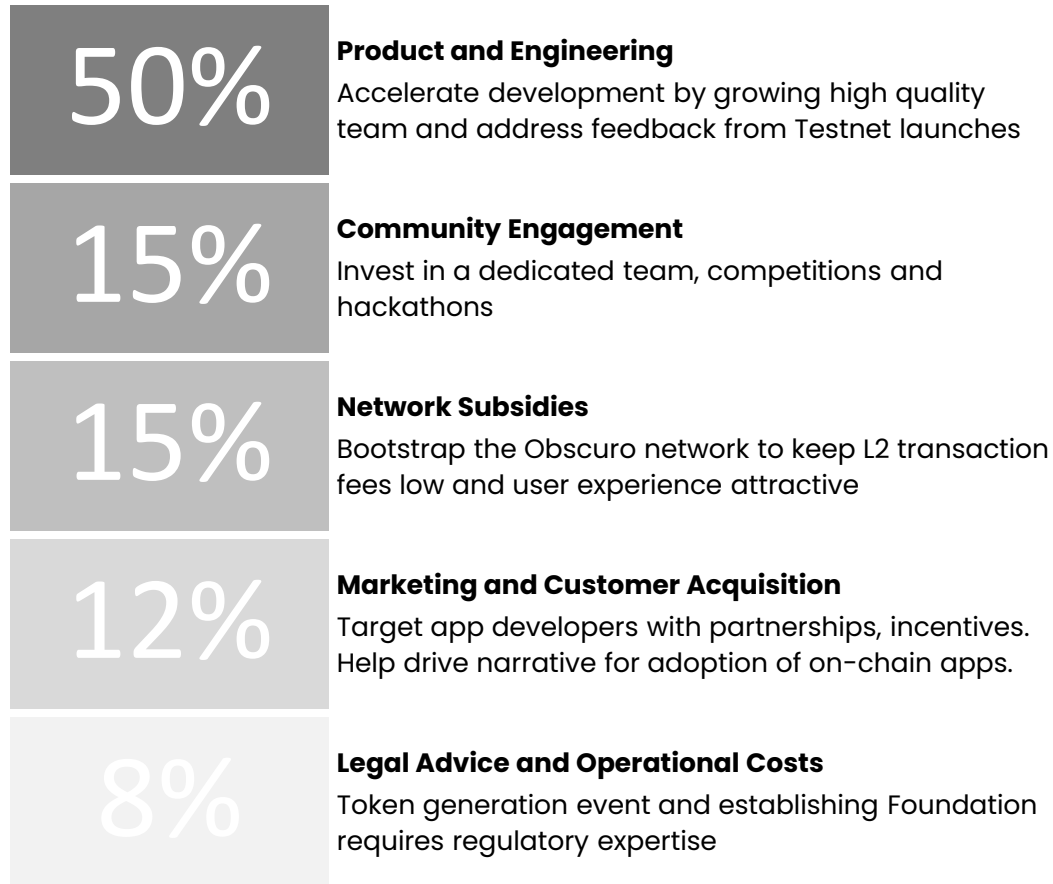


Token allocation



** Actual numbers may be subject to change based on seed valuation*

Use of funds



Investment opportunity

\$10m raise

Seeking

- \$10m raise
- Token only investment (no equity)
- No further raises prior to token launch

Current status

- Pre-seed of \$2.5m
- Spun-out from R3 in April 2022
- Soft commits of ~\$8.5m
- Seeking lead investor

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Contact
Technology
Join us
Web

james@obscu.ro
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