NONAGON FINANCE
PUBLIC TOKEN AUCTION

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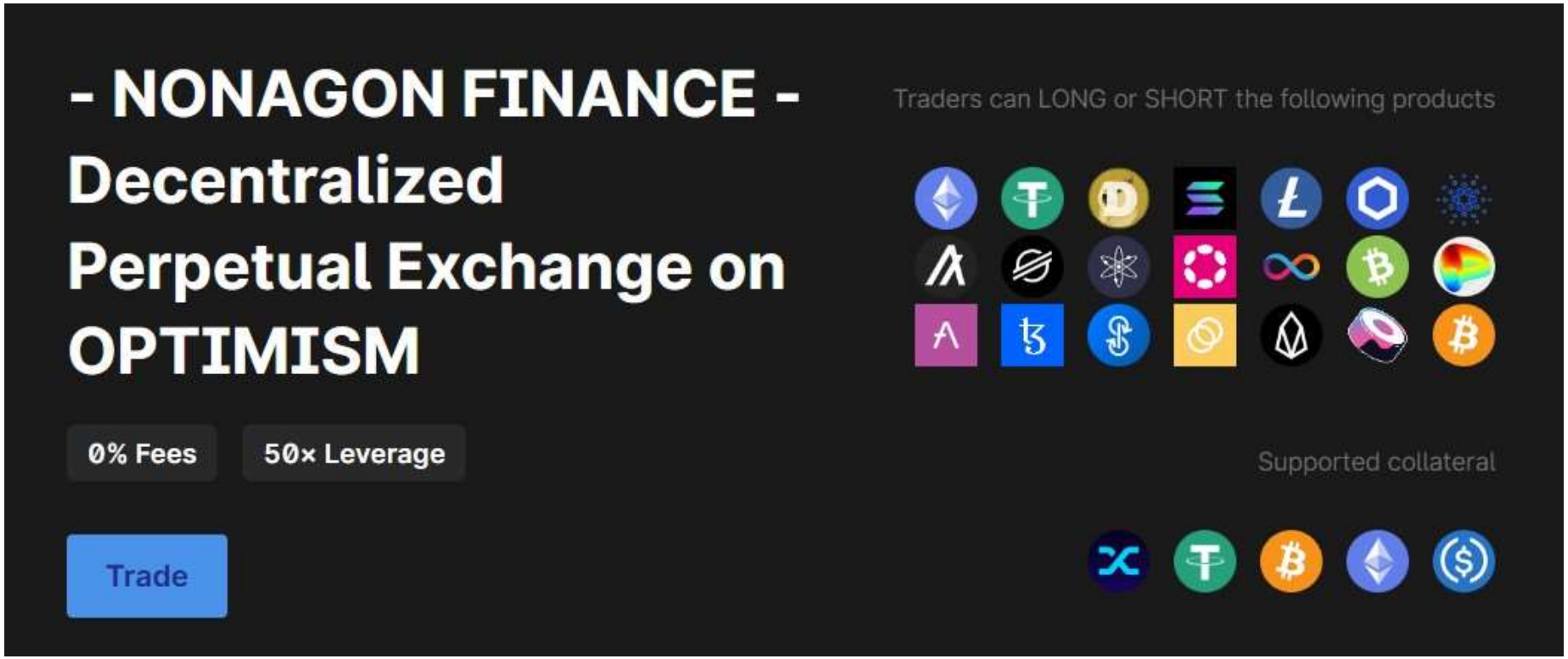
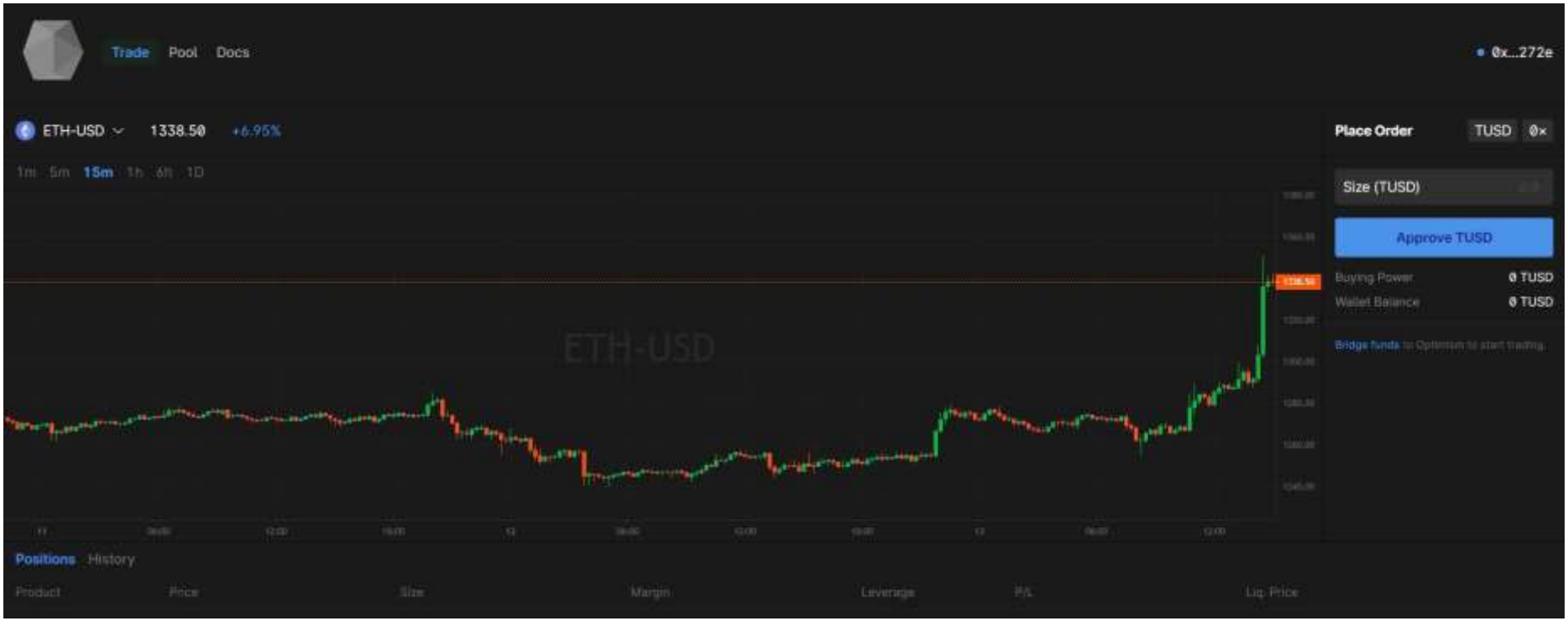
Introduction

- Nonagon Finance is a free, decentralized perpetual and derivative leverage trading protocol built on Ethereum's L2 Optimism.

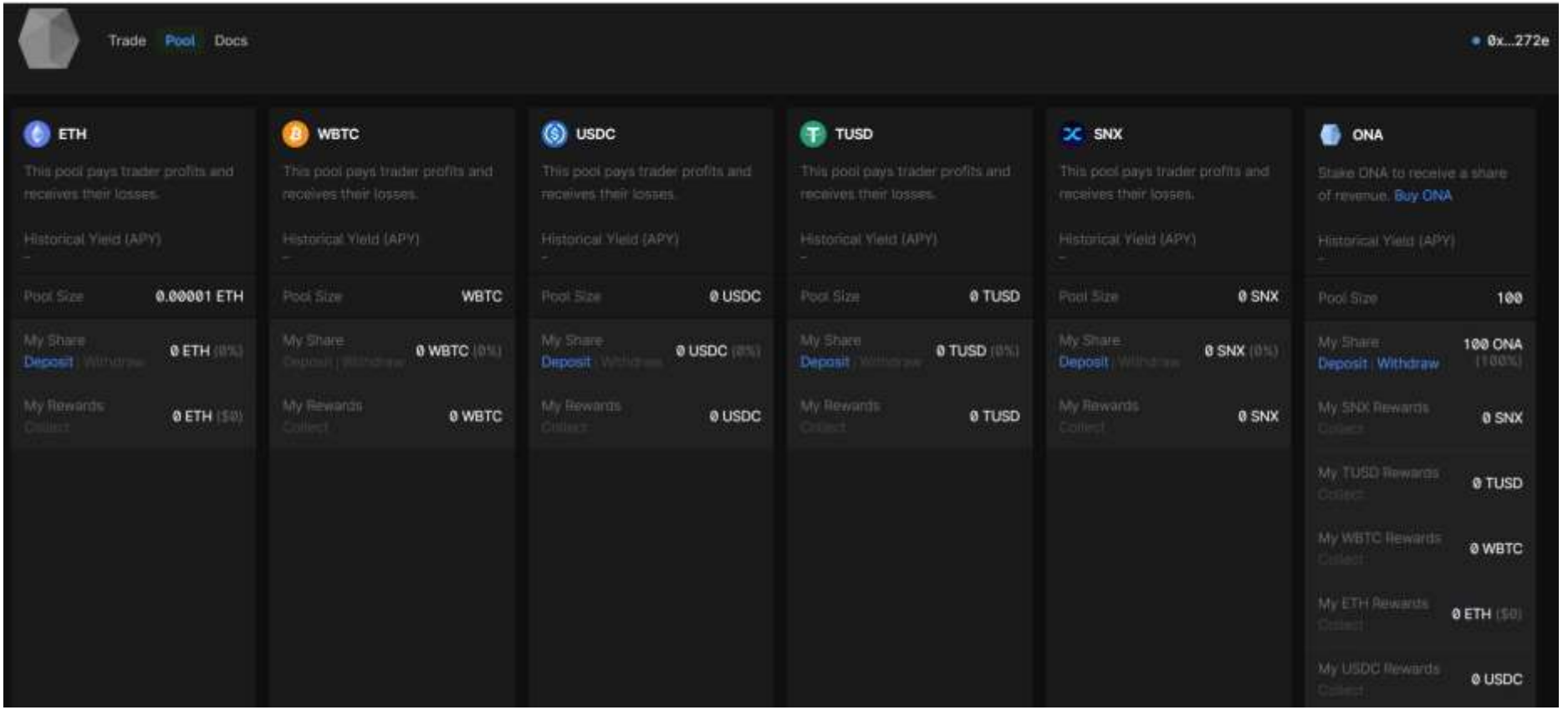
Introduction



Introduction



Introduction



Introduction

Overview

How users can interact with Nonagon Finance:

- Trade directly from your wallet, no account needed. Optionally select leverage up to 50x to multiply potential profits / losses.
- Trades are free with 0% fees.
- Traders can LONG or SHORT 21 different markets.
- Pool ETH, USDC, TUSD, WBTC and SNX to back trader profits and receive a share of trader losses.

Protocol revenues

Since traders do not pay any trading fees, how do stakers in the pools and ONA token holders profit?

COLLATERAL POOL STAKER PROFIT:

- When a trader for example goes short on the price of Polkadot, but the market moves in the other direction, then the loss of the trader becomes the profit for the staker of pool. See “Outcome 2”.
- Rewards in case of liquidation (see “Outcome 3” on next slides for detailed description).

ONA TOKEN HOLDERS PROFIT:

- Withdrawal fees from staking pools are distributed among ONA token holders who stake their ONA tokens in the ONA pool.
- Rewards in case of liquidation (see “Outcome 3” on next slides for detailed description).

Protocol revenues

When a trader opens a position on nonagon.finance, there are three possible outcomes.

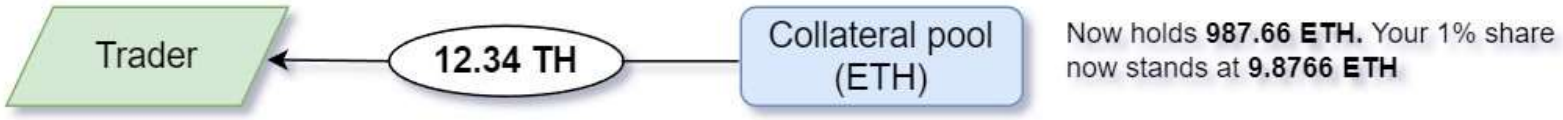
For the below example, we`re assuming a trader opens a position against a margin **of 2 ETH**. (They could instead use
USDC, USDT, SNX and WBTC as collateral, which would then interact with the USDC collateral pool.)

Example starting state

Collateral pool (ETH)	Holds **1000 ETH.** You, deposited 10 of those ETH, for a 1% share of the pool.
Staking pool	Holds **1000 ONA**, You, a ONA bag-holder, staked 200 of those ONA, for a 20% share of the pool.
Treasury	Holds **200 ETH**, used for the maintaining and development of Nonagon.

Protocol revenues

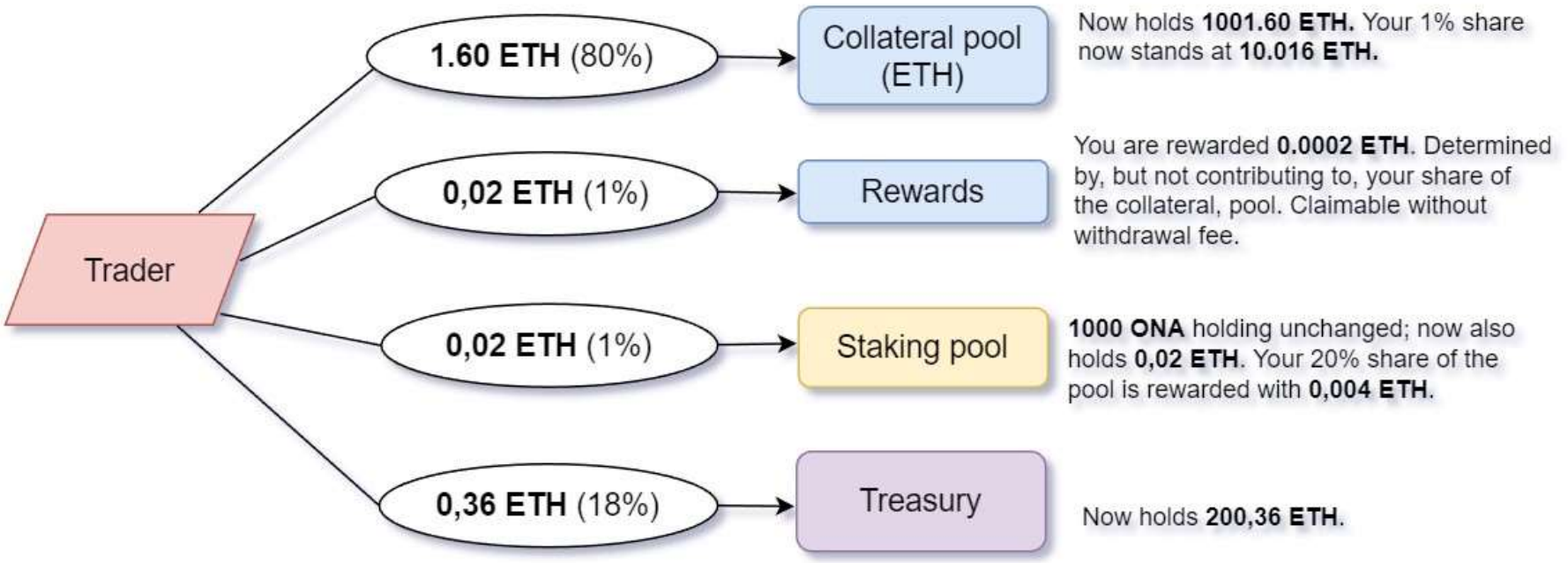
Outcome 1: Trader closes position in profit, winning 12.34 ETH



Outcome 2: Trader closes position at a 50% loss, losing 50% of their margin (1 ETH)

Protocol revenues

Outcome 3: Trader gets liquidated, forfeiting their entire margin (2 ETH)



Protocol revenues

Why are no protocol revenues generated and why are there literally no traders and investors yet? How will the raised funds from the Gnosis Auction be used?

- Nonagon focused since its inception in Q3 2022 on the technical solution alone and didn't conduct marketing campaigns as well as did not raise any capital.

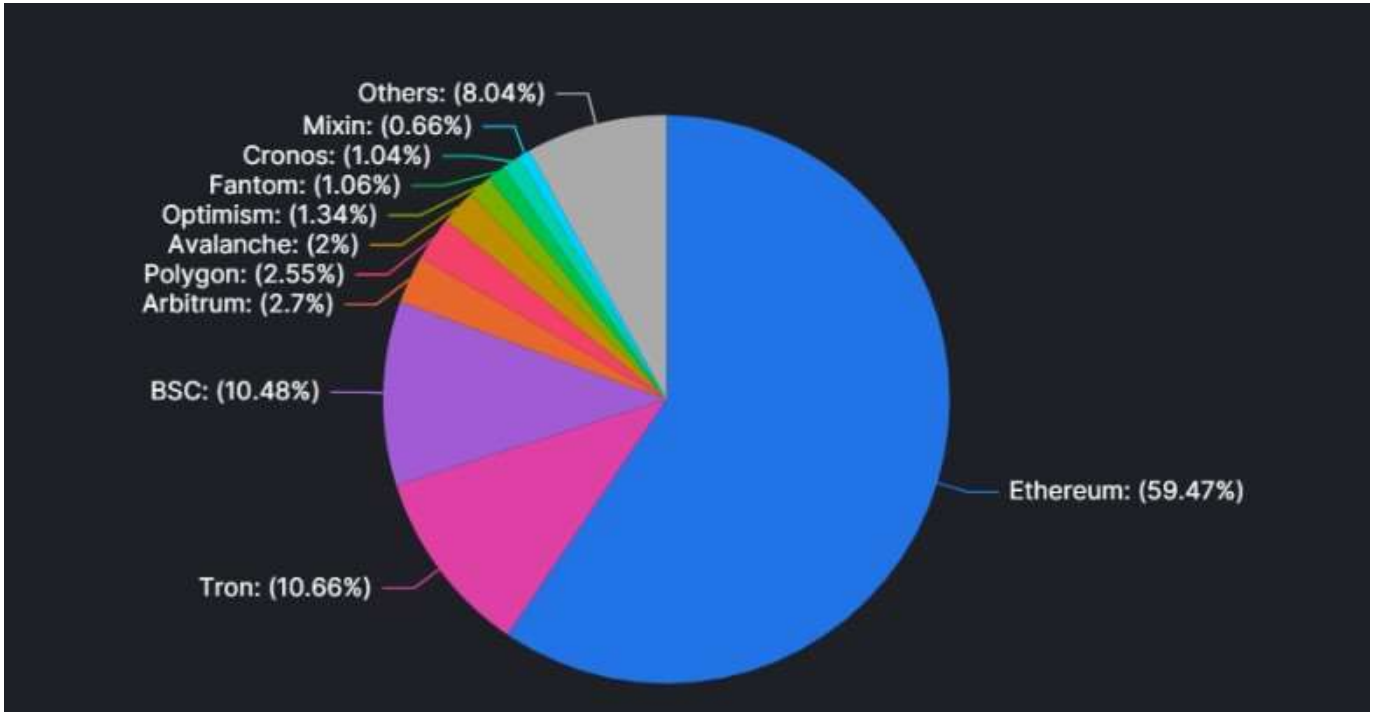
- Marketing campaigns for DeFi projects are not free and raising funds for the financing of those is one of the token auction goals, whereas it is planned to distribute up to 20% of the total funds raised in efforts to raise awareness about Nonagon among traders and stakers.

- The pools are empty since no stakers can be attracted if their balance is zero. Therefore 70% of the funds raised through the sale of ONA tokens will go to the staking pools as well as the ONA – ETH pool on Uniswap which at the moment has a miniscule liquidity of approx. 1.000 USD.

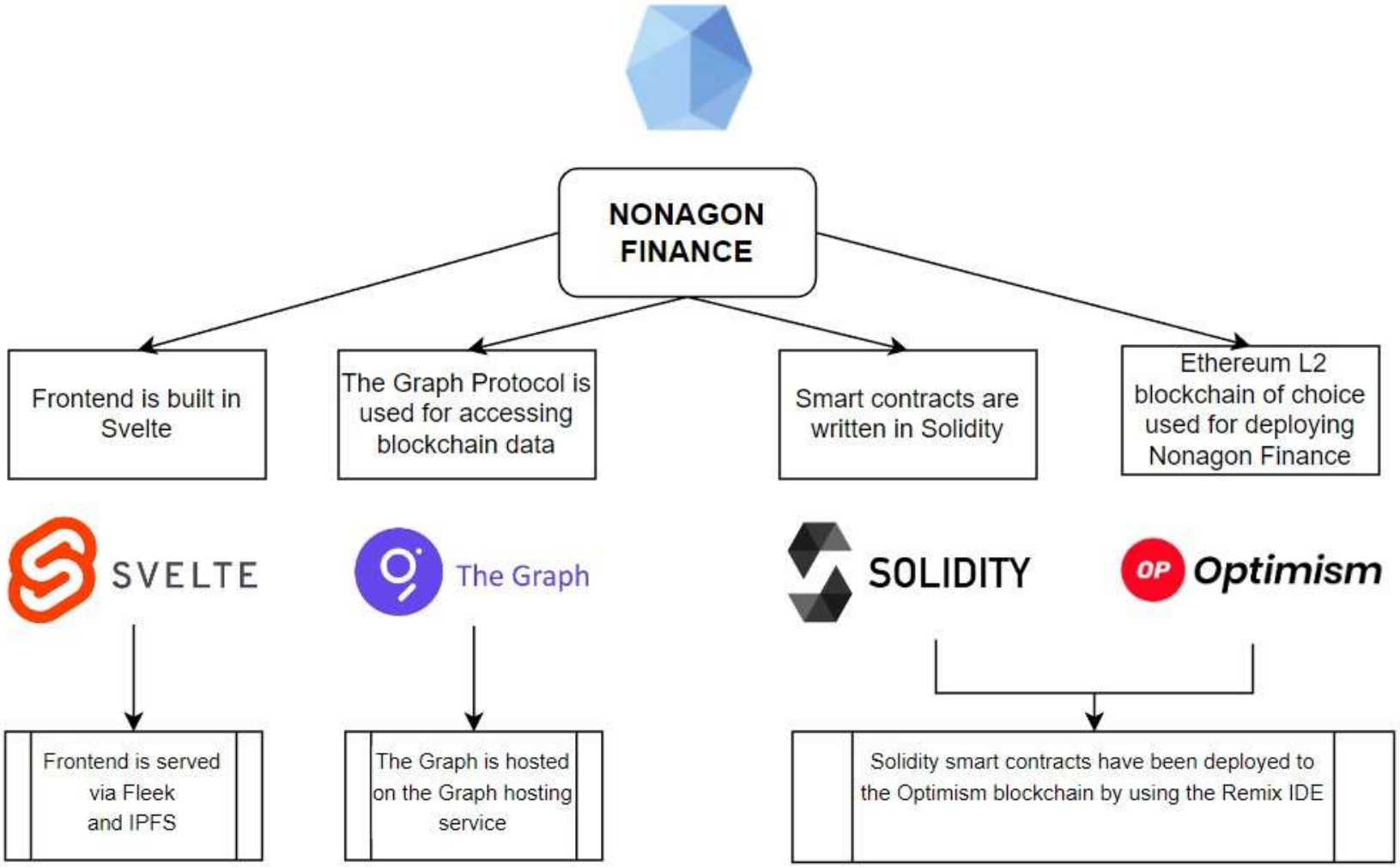
Protocol development

- Up to 20% of total funds raised will be used for further protocol development, such as the deployment of Nonagon to Ethereum, BSC, Tron and Avalanche.

The graphic below shows the Total Value Locked TVL in all EVM compatible chains



Architecture – components and deployment



Smart contracts

Trade execution:

- **Trading** 0x699ec8F15802A17B74821894088E8733b5a59C63
- **Router** 0xAEbcB1D4655bDb0D753AAD238beb32000c4B91AC
- **Treasury** 0x885C00125AaF2bf16d4A527b33BFEE20Ae5E121c
- **Oracle** 0x8F2D8BA71B65d3F341E173d8a2AC049CA397e497

Pools:

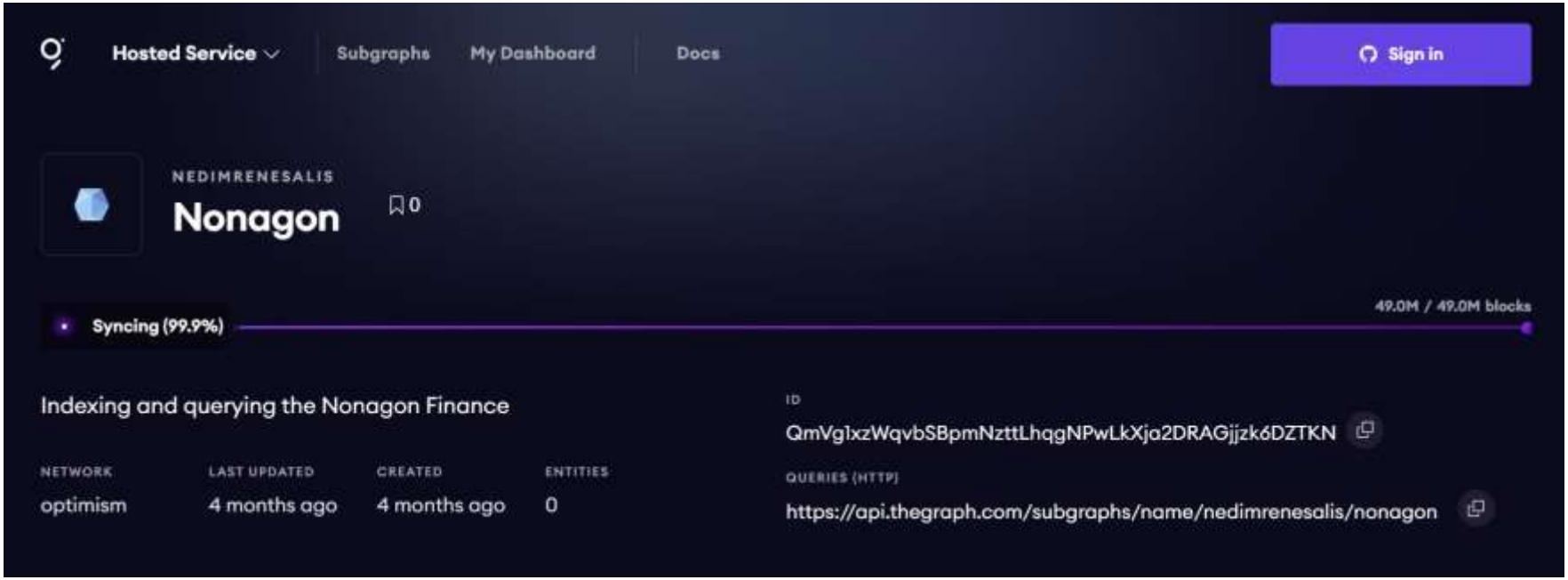
- **PoolONA** 0x58Bd1102f3dABDf95F2D5D2147F4d96Ef66973B8
- **ONArewardsUSD C**0x4b516Cd2a47AF1B1641f06E92fdfdad6CBB07c52

→ There is a ONArewards pool for every staking pool separately, which are used for collecting protocol based revenue such as withdrawal fees, since there are no trading fees.

- **Pool Rewards USDC** 0xcE8eF8e0f0FE68c618A7a9A8ab6871511f41B403

→ There is a Rewards pool for every staking pool separately for receiving profits.

The Graph


Hosted Service
Subgraphs
My Dashboard
Docs
Sign in
NEDIMRENESALIS
Nonagon
0
Syncing (99.9%)
49.0M / 49.0M blocks
Indexing and querying the Nonagon Finance
ID
QmVg1xzWqvbSBpmNzttLhqgNPwLkXja2DRAGjjzk6DZTKN
NETWORK
optimism
LAST UPDATED
4 months ago
CREATED
4 months ago
ENTITIES
0
QUERIES (HTTP)
https://api.thegraph.com/subgraphs/name/nedimrenesalis/nonagon

Sources

https://nonagon.finance/

https://github.com/Nonagon-Finance

https://thegraph.com/hosted-service/subgraph/nedimrenesalis/nonagon?selected=playground

https://nonagon-finance.gitbook.io/introduction/

https://www.optimism.io/

https://defillama.com/chains

NONAGON
FINANCE
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Optimism

Thank You