



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

- NONAGON FINANCE - Decentralized Perpetual Exchange on OPTIMISM

0% Fees

50x Leverage

Trade

Traders can LONG or SHORT the following products










Supported collateral



Introduction



Introduction

 Trade Pool Docs 0x...272e					
 ETH This pool pays trader profits and receives their losses. Historical Yield (APY) - Pool Size 0.00001 ETH My Share 0 ETH (0%) Deposit Withdraw My Rewards 0 ETH (\$0) Collect	 WBTC This pool pays trader profits and receives their losses. Historical Yield (APY) - Pool Size WBTC My Share 0 WBTC (0%) Deposit Withdraw My Rewards 0 WBTC Collect	 USDC This pool pays trader profits and receives their losses. Historical Yield (APY) - Pool Size 0 USDC My Share 0 USDC (0%) Deposit Withdraw My Rewards 0 USDC Collect	 TUSD This pool pays trader profits and receives their losses. Historical Yield (APY) - Pool Size 0 TUSD My Share 0 TUSD (0%) Deposit Withdraw My Rewards 0 TUSD Collect	 SNX This pool pays trader profits and receives their losses. Historical Yield (APY) - Pool Size 0 SNX My Share 0 SNX (0%) Deposit Withdraw My Rewards 0 SNX Collect	 ONA Stake ONA to receive a share of revenue. Buy ONA Historical Yield (APY) - Pool Size 100 My Share 100 ONA (100%) Deposit Withdraw My SNX Rewards 0 SNX Collect My TUSD Rewards 0 TUSD Collect My WBTC Rewards 0 WBTC Collect My ETH Rewards 0 ETH (\$0) Collect My USDC Rewards 0 USDC Collect

Introduction

Traders can LONG or SHORT the following products



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

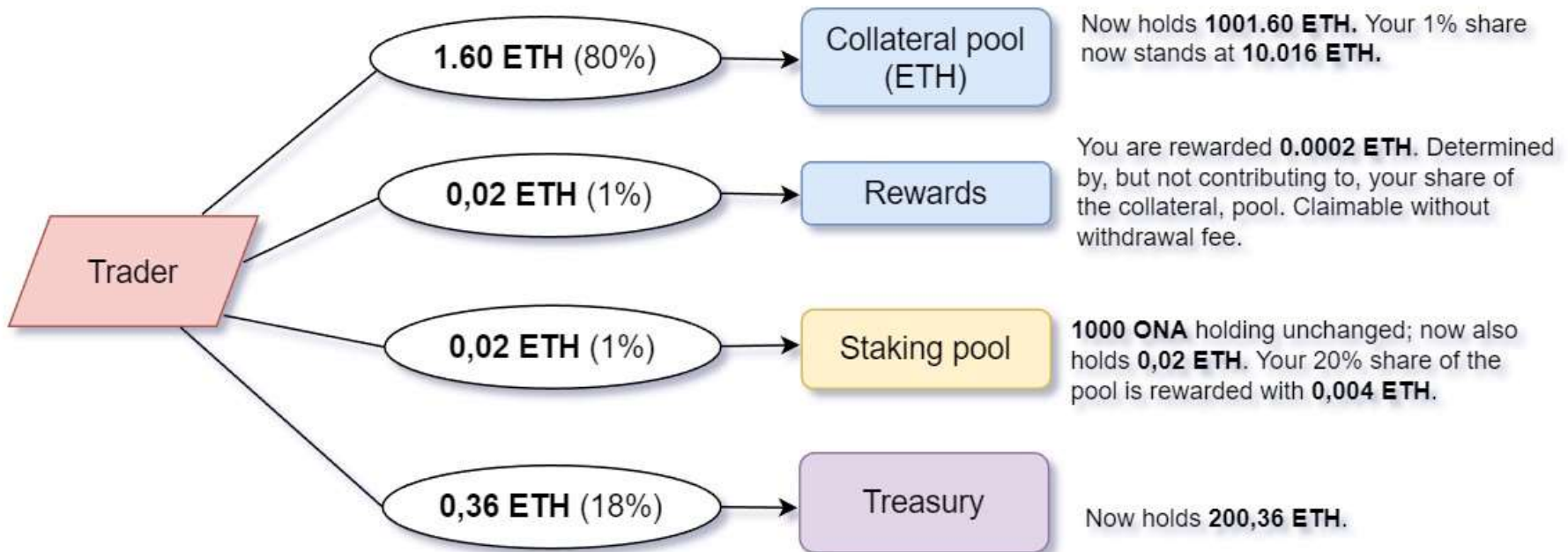


Outcome 2: Trader closes position at a 50% loss, losing 50% of their margin (1 ETH)



Protocol revenues

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



Protocol revenues

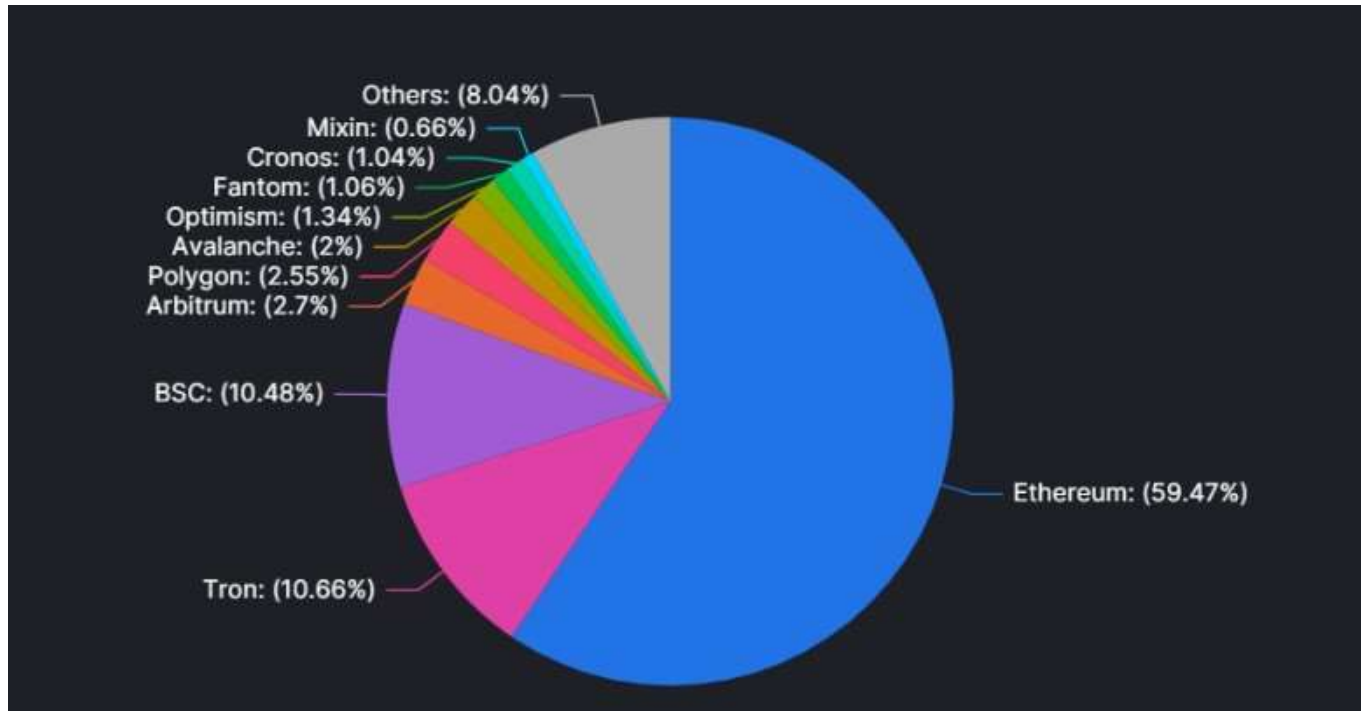
Why are no protocol revenues generated and why are there literally no traders and investors yet? How will the raised funds from the Gnosis Auction be used?

- ▶ 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.

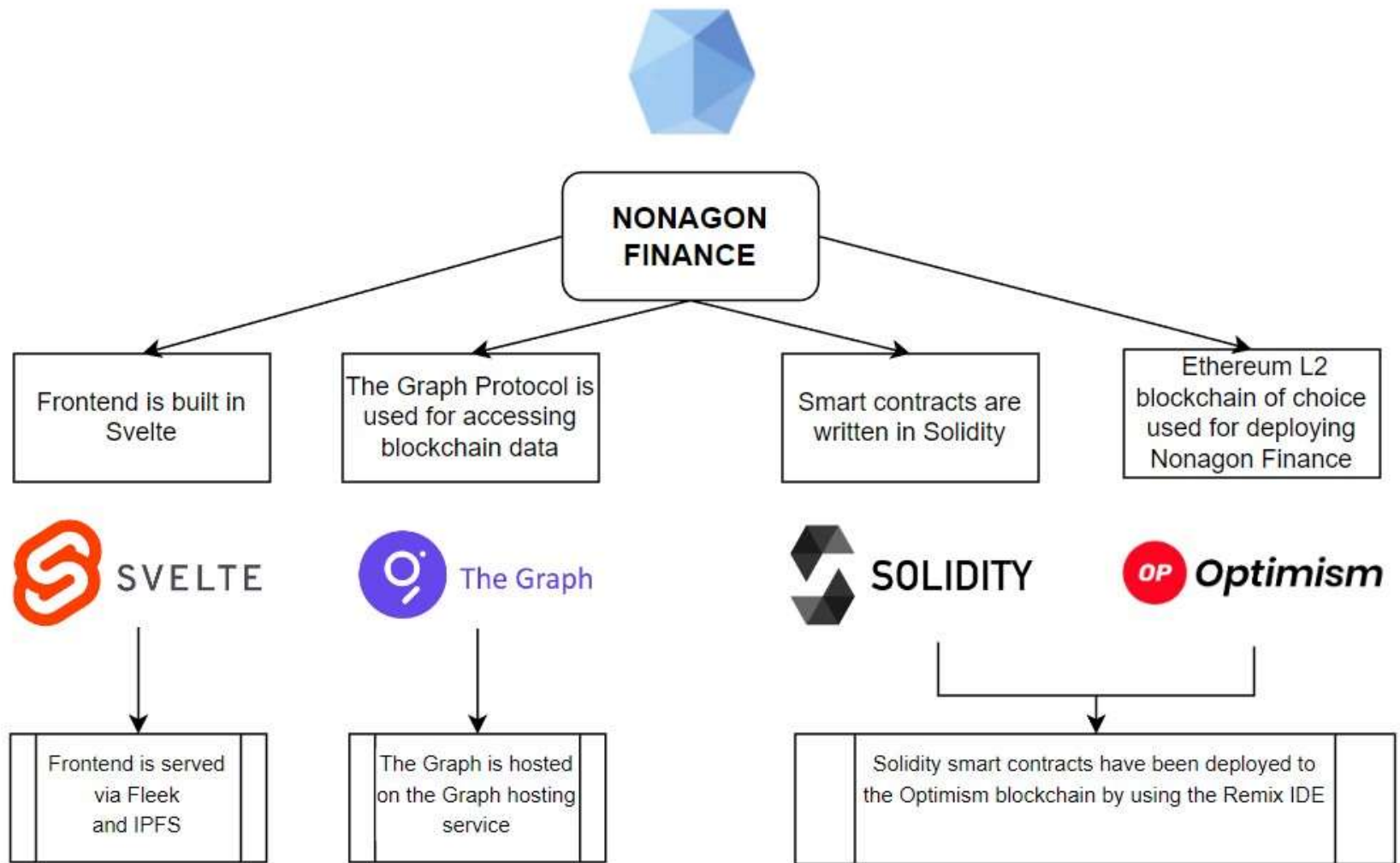
Protocol development

- 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

The screenshot displays the The Graph interface for a subgraph named "Nonagon" by the user "NEDIMRENEALIS". The interface includes a top navigation bar with links for "Hosted Service", "Subgraphs", "My Dashboard", and "Docs", along with a "Sign in" button. The subgraph's status is shown as "Syncing (99.9%)" with a progress bar indicating "49.0M / 49.0M blocks". Below this, the title "Indexing and querying the Nonagon Finance" is followed by a table of metadata and a section for the subgraph's ID and HTTP queries.

NETWORK	LAST UPDATED	CREATED	ENTITIES
optimism	4 months ago	4 months ago	0

ID
QmVg1xzWqvbSBpmNzttLhqgNPwLkXja2DRAGjjzk6DZTKN

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

Trade perpetuals with zero fees on
Optimism

