



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

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

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

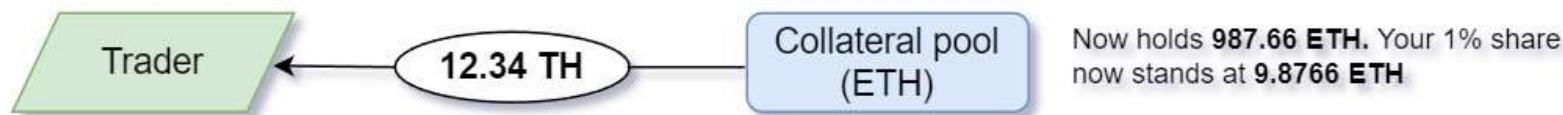
Holds **1000 ONA**, You, a ONA bag-holder, staked 200 of those ONA, for a 20% share of the pool.

Treasury

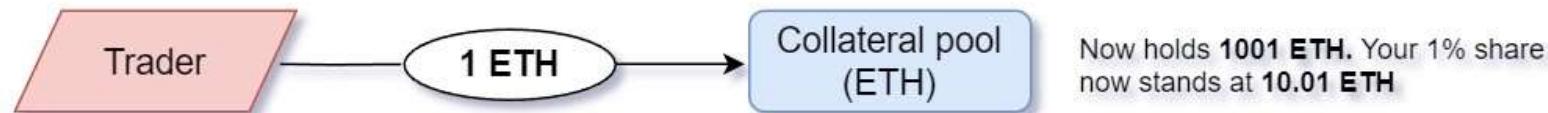
Holds **200 ETH**, used for the maintaining and development of Nonagon.

Protocol revenues

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

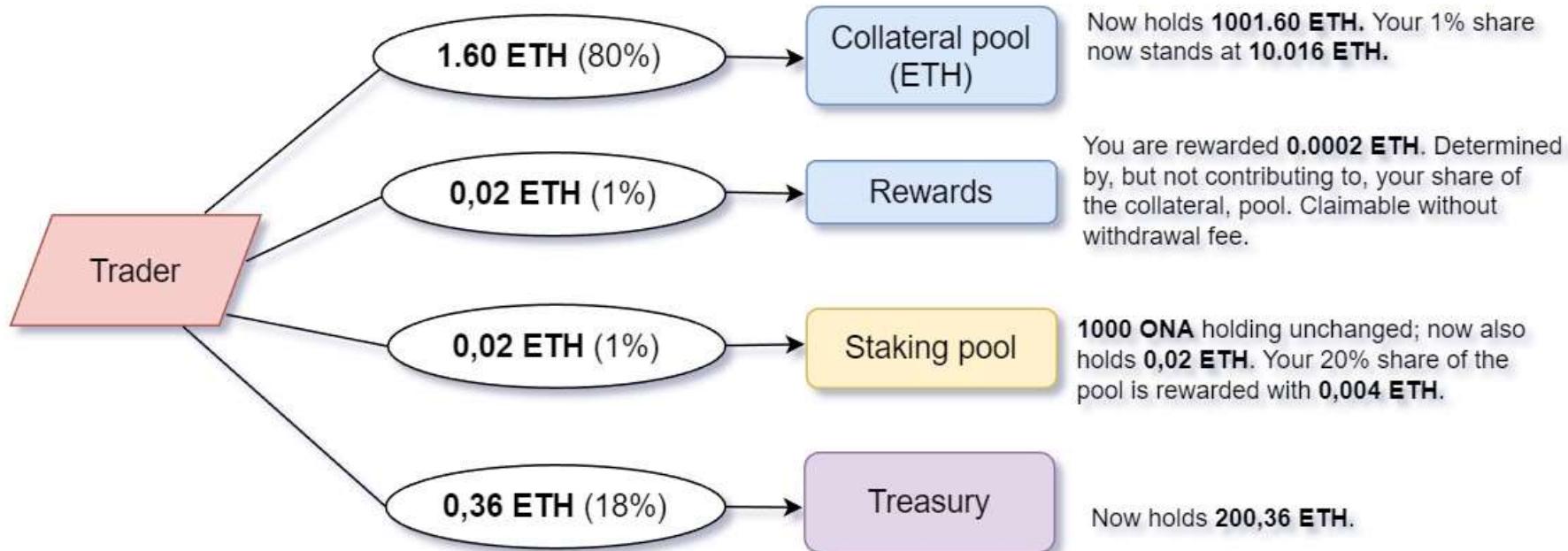


Outcome 2: Trader closes position at a 50% loss, losing 50% of their margin (1 ETH)



Protocol revenues

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



Protocol revenues

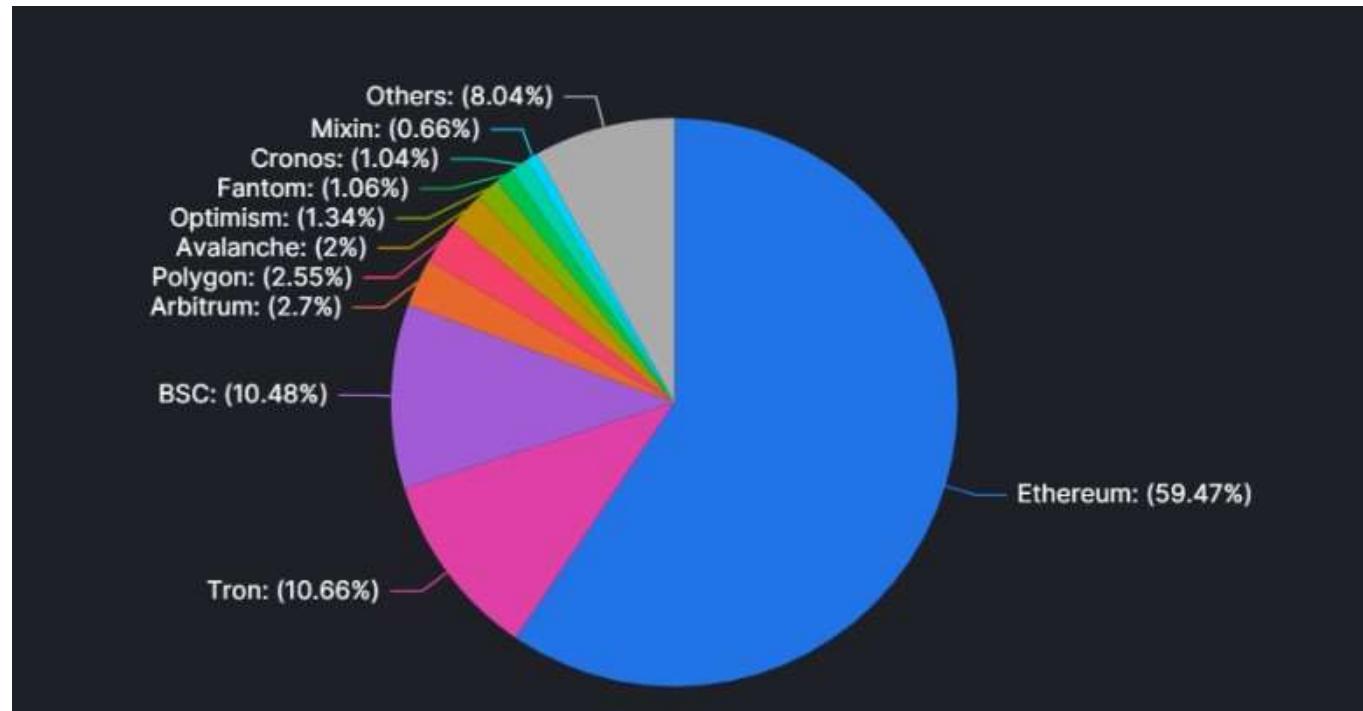
Why are no protocol revenues generated and why are there literally no traders and investors yet? How will the raised funds from the Gnosis Auction be used?

- ▶ 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 minuscule liquidity of approx. 1.000 USD.

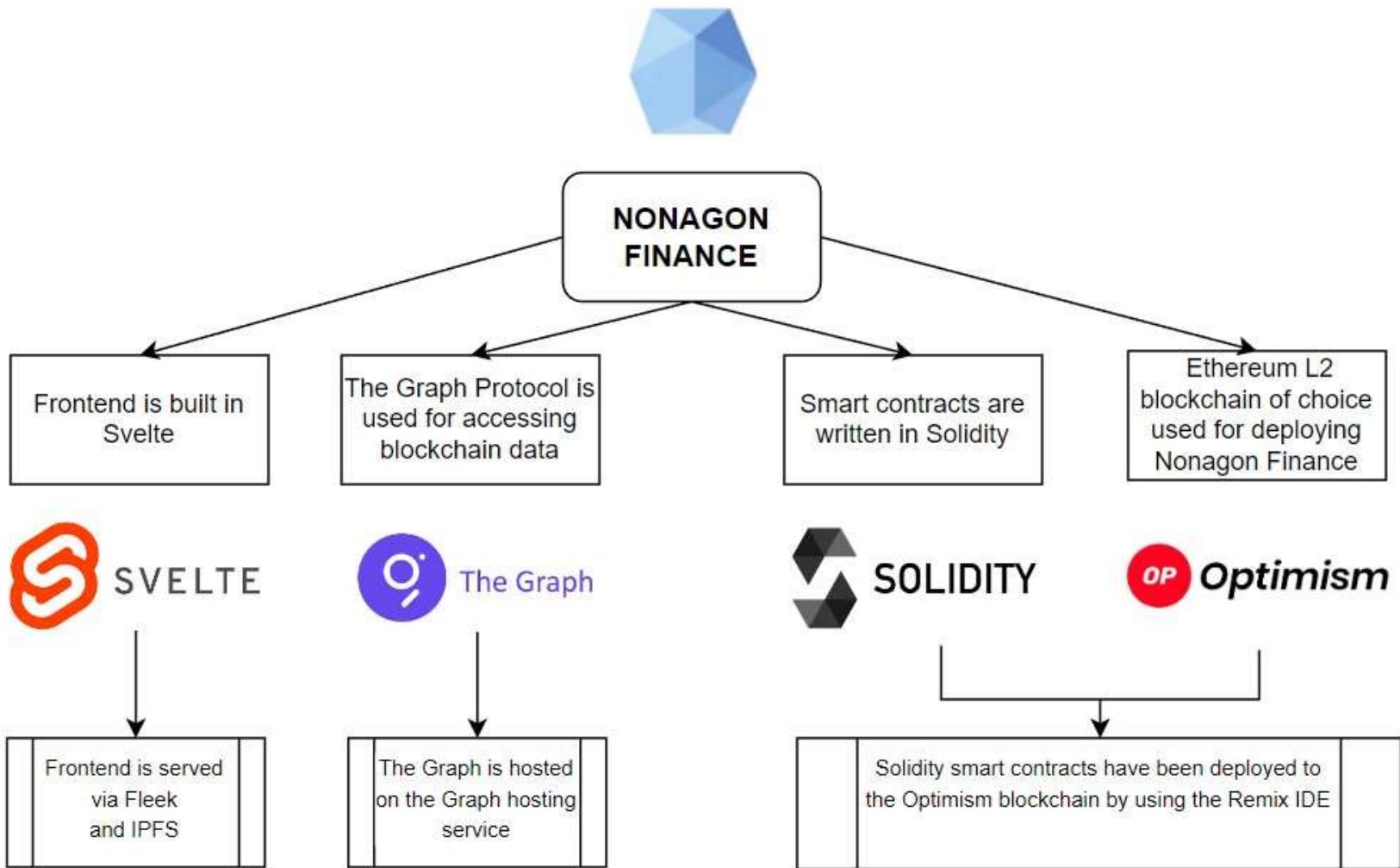
Protocol development

- 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
- ▶ **ONRewardsUSD** C0x4b516Cd2a47AF1B1641f06E92fdfdad6CBB07c52
- There is a ONRewards 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 shows the The Graph Subgraphs interface. At the top, there is a navigation bar with links for "Hosted Service", "Subgraphs", "My Dashboard", and "Docs", along with a "Sign in" button. Below the navigation bar, the main content area displays a subgraph named "NEDIMRENESALIS Nonagon". The subgraph icon is a blue hexagon. The status bar indicates "Syncing (99.9%)" and "49.0M / 49.0M blocks". The subgraph description is "Indexing and querying the Nonagon Finance". Below this, there is a table with columns: NETWORK, LAST UPDATED, CREATED, and ENTITIES. The values are: optimism, 4 months ago, 4 months ago, 0. To the right of the table, there are fields for ID (QmVg1xzWqvbSBpmNzttLhqgNPwLkXja2DRAGjjzk6DZTKN), QUERIES (HTTP) (https://api.thegraph.com/subgraphs/name/nedimrenesalis/nonagon), and a copy icon. The background of the interface is dark.

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

