

ALPHA TAKER

On-chain algorithmic
asset management platform



PROBLEM



**Elimination of the human factor from
generally formalized trading strategies**



PROBLEM



- Discipline in manual execution
- Need to entrust to the manager
- Reliance on centralized exchanges
- Knowledge required for self-automation
- Infrastructure Support Costs
- Acceptance of various unpredictable technical risks

SOLUTION

AlphaTaker offers a **Web3 strategy constructor** that allows to build a low-frequency algorithmic strategies on the blockchain and execute them at the DEX fully autonomously, as if it were done by a trading bot running on a regular server

SOLUTION

All this ensures
the process of interaction of 3 elements

Role	On-chain part	Off-chain part
Algotrader	Contract with funds and trading logic	Web3 interface
Executor (farmer)	Transactions that invoke a strategy contract for a reward	Execution worker
Oracle	Contract for obtaining market data that is absent in the blockchain	Data-provider worker

SOLUTION

Actions of the Algorithmic trader

- 1 Creates a strategy in the strategy Constructor and deploys it to the blockchain as a smart-contract
- 2 Sets a reward in AlphaTaker tokens for the strategy execution
- 3 Community executes the strategy

WHY NOW?

- Decentralized Exchanges have achieved a sufficient level of liquidity and processability for proposed product implementation
- Forthcoming **L2** networks development, radically solves the problems of exchange

Market trends are extremely favorable at the moment...

MARKET POTENTIAL



The growth rate of the DeFi market is unique

- TVL L1 is already **>\$100bn**, and TVL L2 **>\$6bn***
- DEX turnover **>\$1 trillion** in 2021
- DEX exchange market share **>20%****
- Number of DEX transactions ~ **400 million** per month***

* research A16Z state-of-crypto-2022

** data from theblockcrypto.com/data/
decentralized-finance/dex-non-
custodial

*** approximation PancakeSwap 40млн
tx / 30days / TVL 5 bln



MARKET POTENTIAL



Token exchange and lending protocols are the most popular DeFi use cases today

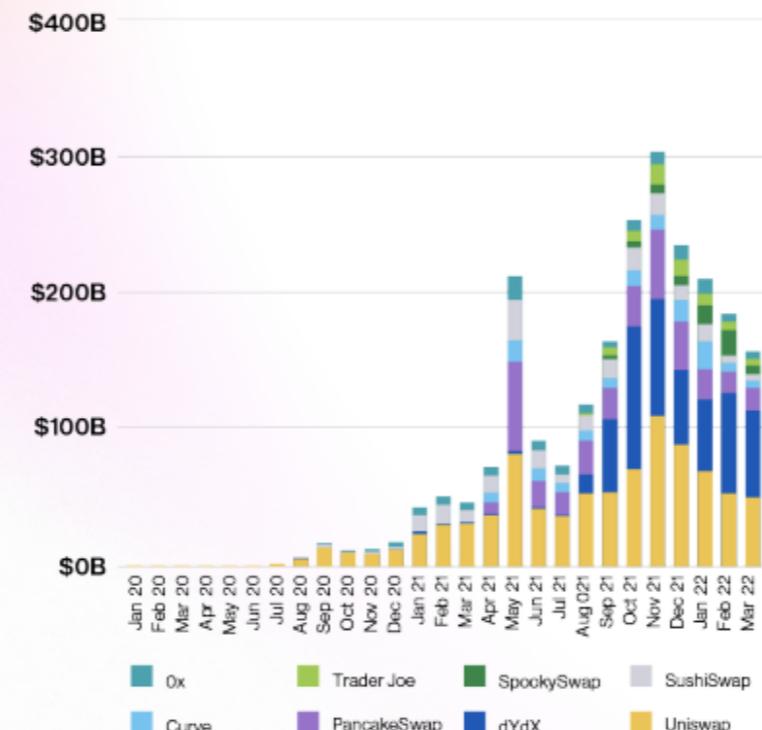
DeFi

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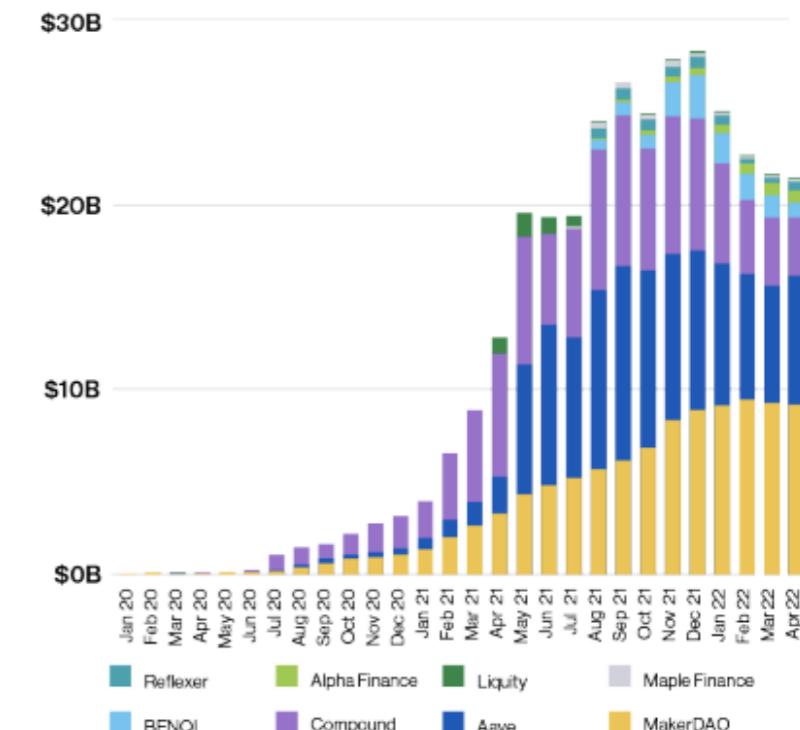
Source: Token Terminal
Data is through April 2022.

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Trading Volume on Decentralized Exchanges



Borrowing Volume on Decentralized Lending Protocols



MARKET POTENTIAL

- Assuming that the share of low-frequency algorithmic volume in electronic markets is about 5%
- Then the target annual trading volume to be served should equal \$50bn or 200m tx in 2021 figures
- Added value of AMM DEX at 0.2% commission = \$100 million
- The added value of network miners at a commission of \$0.3/TX = \$60 million
- The annual distribution of value through the AlphaTaker ecosystem is expected to be within the same limits

COMPETITION

Direct competitors

- Built-in exchange algorithmic systems
(FTX quant zone, Grid trading, etc.)
- Custom on-chain systems
(CEDEFI Hedge, ChainBot etc.)

Indirect competitors

- off-chain algorithmic systems

ADVANTAGES



- AlphaTaker eliminates **all kinds of uncertainty** inherent in off-chain systems
- **Makes it easy** to create on-chain systems
- Makes the functioning of on-chain systems **completely autonomous**

BUSINESS MODEL

The business model is backed by the economy of the AlphaTaker token

- 1 User places the strategy contract on the network and deposits a token on it
- 2 The strategy require a trade. As a result of which the community execute the contract and receives a reward in tokens
- 3 There is a symmetrical demand for the buy and sale of tokens, which (superimposed on the spread) generates \$ income for project stakeholders

VISION[®]

Managed by the DAO, AlphaTaker offers major opportunities for creating algorithmic funds and issuing tokens backed by trading strategies. Such tokens can be uncorrelated with the market and contribute to its greater liquidity

AlphaTaker creates new markets. Strategies can be traded like tokens and technological reputation guarantees create favorable conditions for social trading

THANK YOU FOR ATTENTION



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Proof of Concept

✉️ <https://github.com/AlphaTaker/main>

Whitepaper

📄 https://github.com/AlphaTaker/main/blob/main/whitepaper_draft.pdf