

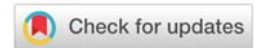


Evaluating Crypto Holder Accessibility, Liquidity, and Participation in the Decentralized Ecosystem

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Abstract: The decentralized finance (DeFi) ecosystem continues to evolve, allowing crypto holders greater control over their assets. This research examines key aspects of token accessibility, liquidity provisioning, and holder distribution. The study focuses on evaluating whether holders can check their ranking and percentage ownership, the availability of the token on decentralized exchanges (DEXs), the feasibility of liquidity pool creation, and opportunities for holders to acquire at least 0.1% of the total supply. In present paper, Coredao vip token has been considered as example to evaluate the crypto holder accessibility, liquidity and participation in decentralized ecosystem.

Keywords: DeFi, Crypto holder, DEX, liquidity Pool creation, Decentralized ecosystem, Coredao vip

1. Introduction

Cryptocurrency adoption has surged, leading to the need for transparency in holder distribution and active participation in DeFi ecosystems. A well-structured decentralized system should enable token holders to verify their holdings, contribute liquidity, and acquire meaningful stakes. This study aims to assess these aspects and their impact on the crypto ecosystem.

2. Crypto Holder Distribution and Ranking

One of the critical factors for transparency in crypto projects is the ability for holders to verify their holdings and ranking.

- **Holder Ranking Mechanism:** Most blockchain explorers (e.g., Etherscan, BscScan) provide holder distribution data, allowing users to check their percentage ownership and rank among other holders.
- **Wealth Concentration Analysis:** The presence of whale dominance can impact market dynamics, necessitating transparency in ranking.



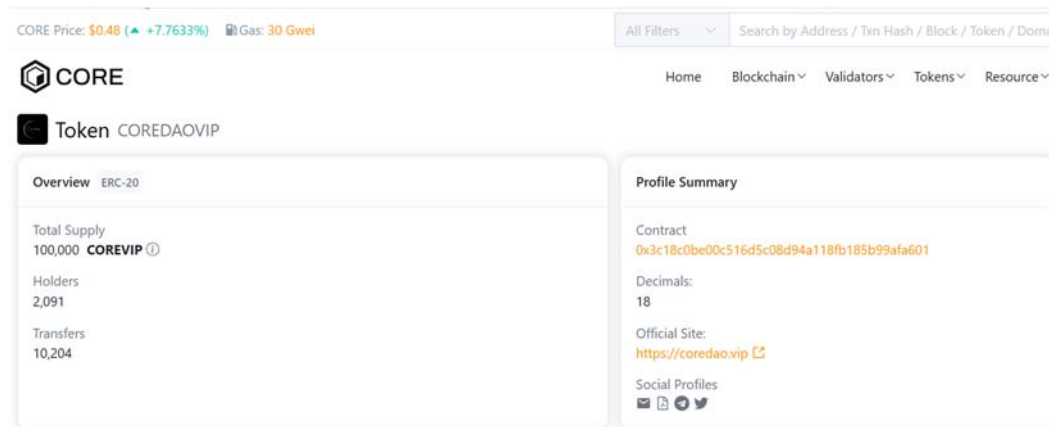


Fig 1 Accessing total supply of token in scan.coredao.com

Top 1,000 holders (From a total of 2,091 holders)

Rank	Address	Quantity	Percentage
1	0xfdf00...c16dd7d2	23,311.365740740740741	23.31 %
2	0xcd45cf...d0beb76d	10,000	10 %
3	0x39b89b...0de9b1a0	10,000	10 %
4	0x49a33d...cfa8b201	9,964.93092492436809179	9.96 %
5	0xfc0f3...23197a6e	9,950.406694001132523290	9.96 %
6	0xb3a915...9f4f5273	9,950.33870366139530106	9.95 %
7	0x167bc7...b35e8c56	7,949.131778280239964212	7.95 %
8	0x4470a5...94175f9c	5,938.165279953339141847	5.94 %
9	0x84c86e...7417fdcf	5,000	5 %
10	0xbe70c8...8535bf83	2,678.115925963178423601	2.68 %
11	0xf3d38c...4a6fa07c	2,000	2 %

Fig 2 Accessing Rank and holding percent

3. Token Accessibility on Decentralized Exchanges (DEXs)

The accessibility of a token on DEX platforms determines its liquidity and tradability.

- **Availability on Popular DEXs:** Assessing whether the token is listed on platforms like Uniswap, PancakeSwap, or SushiSwap.
- **Liquidity Depth:** The level of liquidity impacts slippage and ease of trading for users.



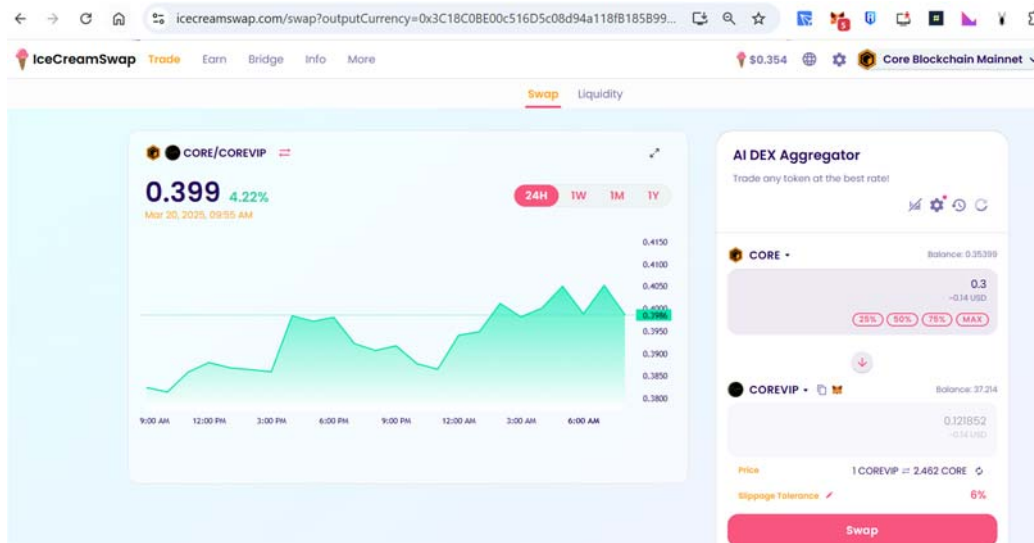


Fig 3 Accessing token and Icecream swap

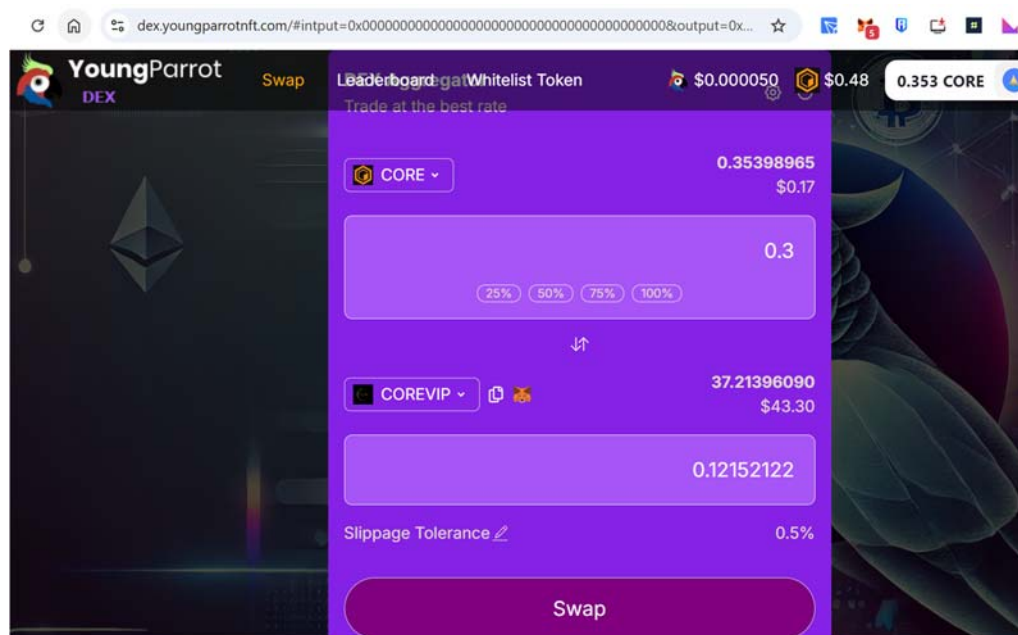


Fig 4 Accessibility in Young parrot DEX

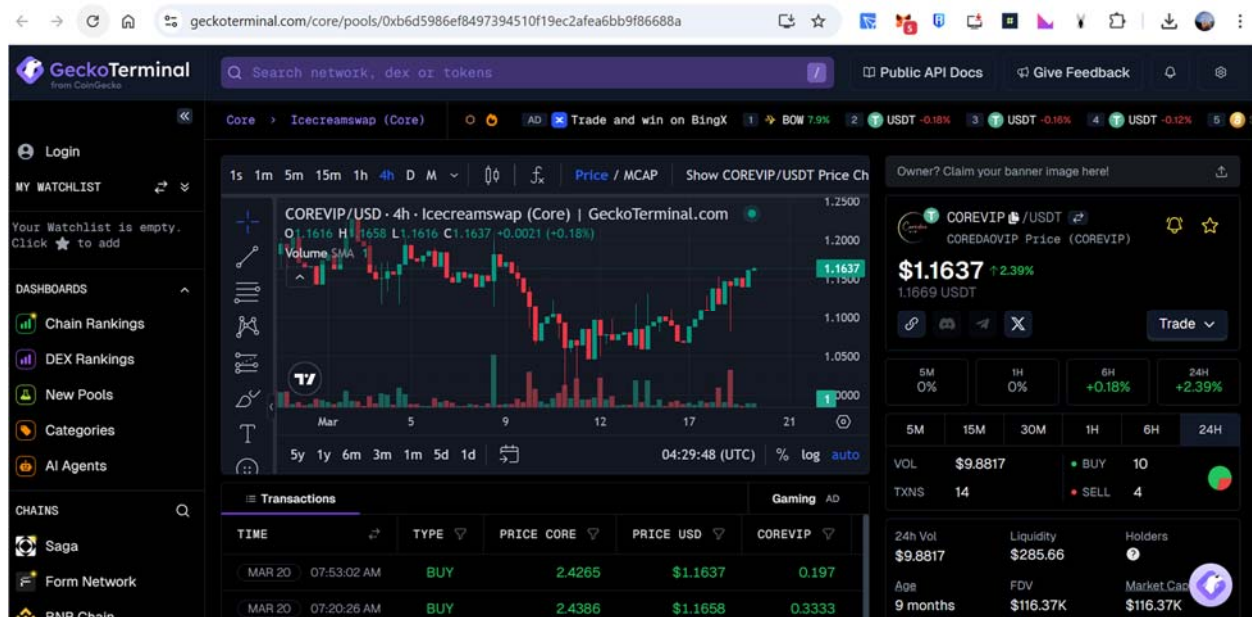


Fig 5 Accessibility on Gecko Terminal

4. Liquidity Pool Creation by Crypto Holders

Decentralization encourages community participation in liquidity provisioning.

- **Permissionless Liquidity Pools:** Many DeFi protocols allow users to create liquidity pools, contributing to token stability.
- **Incentives for Liquidity Providers:** Yield farming and liquidity mining reward contributors, ensuring sustained liquidity.

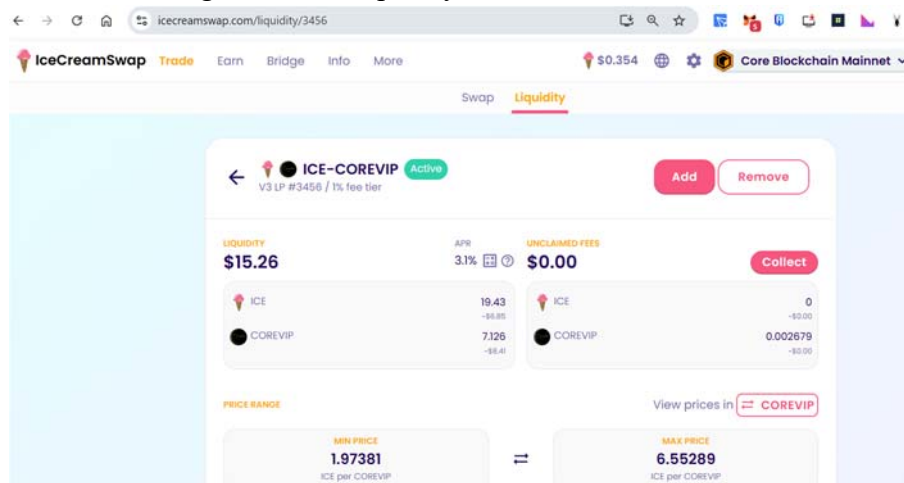


Fig 6 Liquidity Pool Provision

In this way, there should be scope of liquidity pool provided to pool their asset against multiple crypto assets. Following figure is presenting how CoredaoVIP has been pooled to different assets by public.





icecreamswap.com/info/v3/tokens/0x3c18c0be00c516d5c08d94a118fb185b99afa601

#	Pair	TVL	Volume 24H	Volume 7D
1	COREVIP/ICE 1%	\$314.26	\$2.30	\$5.29
2	COREVIP/WCORE 1%	\$313.72	\$5.23	\$31.16
3	COREVIP/USDT 1%	\$278.51	\$5.33	\$26.21
4	ARS/COREVIP 1%	\$146.19	\$0.00	\$0.00
5	COREVIP/YPIC 0.3%	\$116.06	\$0.00	\$0.00
6	COREVIP/PD 1%	\$39.32	\$0.00	\$0.00
7	COREVIP/Midas 1%	\$24.52	\$0.00	\$0.00
8	COREVIP/SHIB 1%	\$17.00	\$0.00	\$0.00
9	COREVIP/WCORE 0.1%	\$9.74	\$0.19	\$0.28
10	COREVIP/COME 1%	\$9.60	\$0.00	\$0.00

Fig 7 Decentralized Liquidity Pool Provision

5. Acquiring at Least 0.1% of Total Supply

For fair token distribution, holders should have the opportunity to acquire a significant stake.

- **Minimum Acquisition Feasibility:** Analyzing whether small-scale investors can accumulate at least 0.1% of the total supply.
- **Tokenomics and Distribution Model:** The availability of tokens in public sales, staking rewards, or secondary markets.

For example, there is 1,00,000 total supply of coredao vip. If any crypto holder wants to hold 0.1% of Coredao then they need to hold 100 corevip. As shown in following figure CoredaoVip allows to hold 0.1%



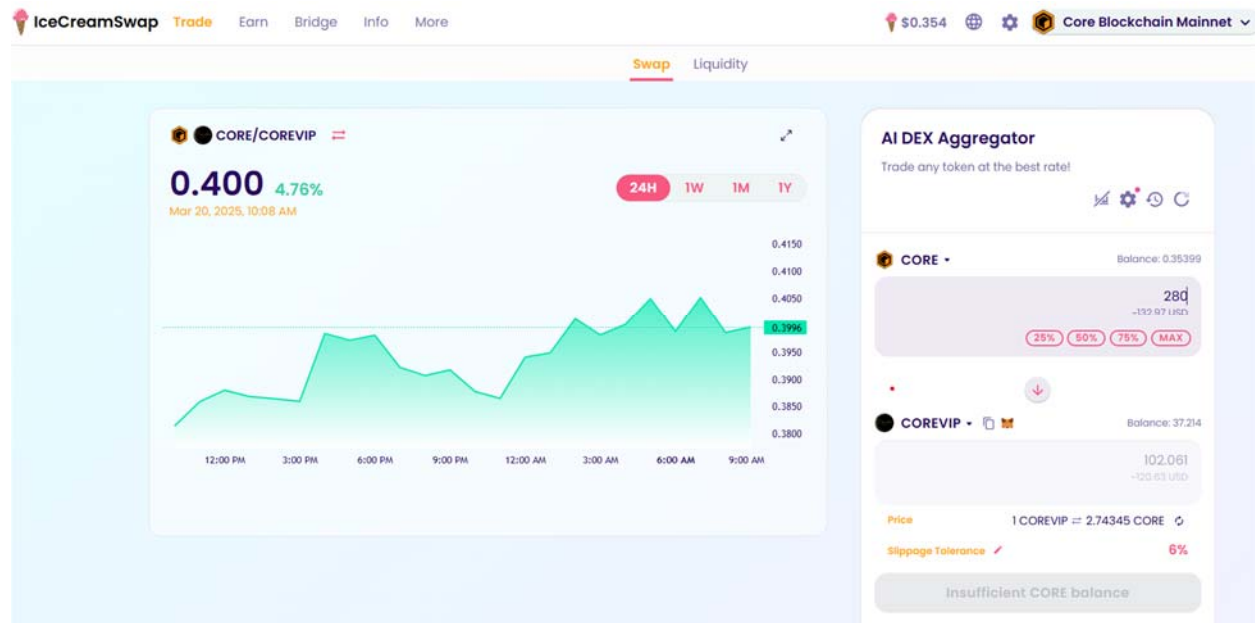


Fig 8 Swapping for 0.1% of total supply

6. Conclusion

This study highlights the importance of transparency, accessibility, and decentralized participation in the crypto ecosystem. Enabling holders to verify their rank, trade freely on DEXs, contribute to liquidity pools, and acquire significant stakes fosters a more inclusive financial system. Future research can explore governance participation and tokenomics optimization to enhance decentralization further.

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