



## Exploring Liquidity Pooling and Automated Trading with COREDAOVIP Token in Decentralized Exchanges

Ashutosh\*

M.Tech, BITS Pilani

Email: [aashutoshsingla@gmail.com](mailto:aashutoshsingla@gmail.com)

ORCID: <https://orcid.org/0009-0000-3768-2269>

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\*Corresponding author

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**Abstract:** *The emergence of decentralized finance (DeFi) has transformed traditional financial systems by leveraging blockchain technology to offer decentralized solutions for trading and liquidity provision. Within the CORE Chain ecosystem, the COREDAO VIP token plays a pivotal role in facilitating liquidity pooling and automated trading across various COREDAO-based tokens. This research investigates the impact of COREDAO VIP token within decentralized exchanges (DEX) such as ICECREAMSWAP, LFGSWAP, SHADOWSWAP, and ARCHERSWAP. By analyzing its integration into these platforms, the study explores how COREDAOVIP enhances liquidity management, reduces slippage, and supports automated trading strategies. Key aspects examined include the token's utility, governance implications, and its influence on trading dynamics within the COREDAO ecosystem. Through comprehensive analysis and empirical insights, this research aims to provide a nuanced understanding of COREDAOVIP token's role in advancing decentralized finance practices and its implications for future blockchain-based financial ecosystems.*

**Keywords:** CoreDaoVip, Coredao, DEX, Icecreamswap, Lfgswap, Shadowswap, ArcherSwap

### [1] Introduction

The advent of decentralized finance (DeFi) has revolutionized traditional financial paradigms by introducing blockchain-powered solutions that prioritize transparency, security, and decentralization. Within the burgeoning ecosystem of the CORE Chain, the COREDAO VIP token emerges as a pivotal instrument, facilitating liquidity pooling and automated trading across a spectrum of COREDAO-based tokens. This research explores the transformative role of COREDAO VIP within decentralized exchanges (DEX) such as ICECREAMSWAP, LFGSWAP, SHADOWSWAP, and ARCHERSWAP.





### 1.1 CoreDaoVip web portal

Through **CoreDaoVip web portal**, users gain access to a curated selection of VIP NFT listings, enabling them to explore, discover, and engage with coveted digital collectibles. From rare artwork to personalized interactions, each VIP NFT encapsulates a distinct narrative and value proposition, reflecting the essence of its creator and the allure of the NFT ecosystem.

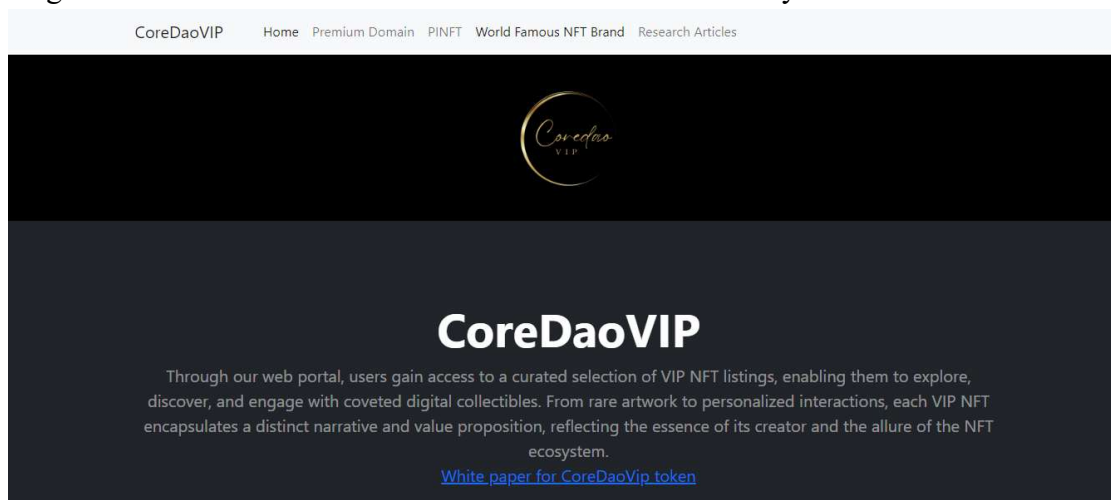


Fig 1 CoreDaoVIP Web Portal

By delving into its integration and functionality across these platforms, the study aims to elucidate how COREDAO VIP enhances liquidity provision, mitigates transaction slippage, and supports automated trading strategies. As decentralized finance continues to evolve, understanding the mechanisms and implications of COREDAO VIP token becomes crucial in shaping future strategies and innovations within blockchain-based financial ecosystems. COREDAO VIP appears to be a token within the CORE Chain ecosystem that facilitates liquidity pooling and auto-trading across various COREDAO-based tokens. Here's an overview based on the information provided:

### 1.2 COREDAOVIP Token

#### Core Chain and COREDAO Concept:

- CORE Chain: A blockchain ecosystem that likely supports decentralized finance (DeFi) applications and protocols.
- COREDAO: Stands for CORE Decentralized Autonomous Organization, suggesting a governance and operational model for decentralized applications (dApps) within the CORE ecosystem.

#### COREDAO VIP Token Features:

- Liquidity Pooling: COREDAO VIP token supports liquidity pooling of different COREDAO-based tokens. These tokens mentioned include ICE, WCORE, and YPC.





- **Auto-Trading Ecosystem:** Provides a competent ecosystem for auto-trading on decentralized exchanges (DEX) such as ICECREAMSWAP, LFGSWAP, SHADOWSWAP, and ARCHERSWAP.
- **Benefits:** Likely offers benefits such as reduced slippage, enhanced liquidity, and automated trading strategies across these DEX platforms.

**Usage and Ecosystem Impact:**

- **Interoperability:** Allows users to seamlessly trade and swap between different COREDAO tokens within the specified DEX platforms.
- **Utility:** COREDAO VIP token holders may have governance rights within the COREDAO ecosystem or access to special features and incentives within the ecosystem.

**Ecosystem Integration:**

- **DEX Integration:** Integration with multiple DEX platforms indicates a robust trading ecosystem, potentially enhancing liquidity and trading opportunities for users.
- **Automated Strategies:** Supports automated trading strategies, which could include features like limit orders, liquidity provision, and yield farming.

**1.3 White paper**

CoreDaoVip is the influencer section of Exclusive Trinity ecosystem. In this ecosystem 9NFTMANIA is the NFT brand and Premium domain is promoter. CoreDaoVip Token has been developed on the Satoshi Core Chain, aiming to provide users with innovative DeFi (Decentralized Finance) solutions. With a total supply of 100,000 tokens and its contract address at 0x3c18c0be00c516d5c08d94a118fb185b99afa601, CoreDaoVip seeks to revolutionize the DeFi landscape by leveraging its unique features and partnerships with four decentralized exchanges (DEX): Icecream Swap, LFGSwap, ArcherSwap, and Shadow Swap.

**Table 1 Token Summary**

<b>Name of Token</b>	COREDAOVIP
<b>Ticker</b>	COREVIP
<b>Total supply</b>	100000
<b>Decimals</b>	18
<b>Official Website</b>	Coredao.vip
<b>Twitter handle</b>	@coredaovip
<b>Official Email</b>	info@9nftmania.com

**Vision**

At CoreDaoVip, we envision a decentralized financial ecosystem that empowers users to access a wide range of financial services in a transparent, secure, and efficient manner. By harnessing the





power of blockchain technology and smart contracts, CoreDaoVip aims to foster financial inclusivity, transparency, and innovation.

### Key Features

1. Decentralized Autonomous Organization (DAO): CoreDaoVip is token created on Core DAO blockchain that is allowing token holders to participate in governance decisions regarding the project's development, upgrades, and community initiatives.
2. Total Supply: CoreDaoVip has a fixed total supply of 100,000 tokens, ensuring scarcity and value preservation.
3. Satoshi Core Chain: Developed on the Satoshi Core Chain, CoreDaoVip benefits from the security, scalability, and interoperability of the underlying blockchain infrastructure.
4. Liquidity Pool: CoreDaoVip's liquidity pool is established across four prominent decentralized exchanges: Icecream Swap, LFGSwap, ArcherSwap, and Shadow Swap. This enhances liquidity, accessibility, and trading opportunities for CoreDaoVip token holders.
5. Partnerships: CoreDaoVip has strategically partnered with leading DEX platforms to expand its reach and provide users with seamless access to liquidity and trading services.
6. Influencer: CoreDaoVip is acting as influencer in the Exclusive Trinity that has 9NFTMANIA as world famous NFT brand, Premium domain as Promoter.

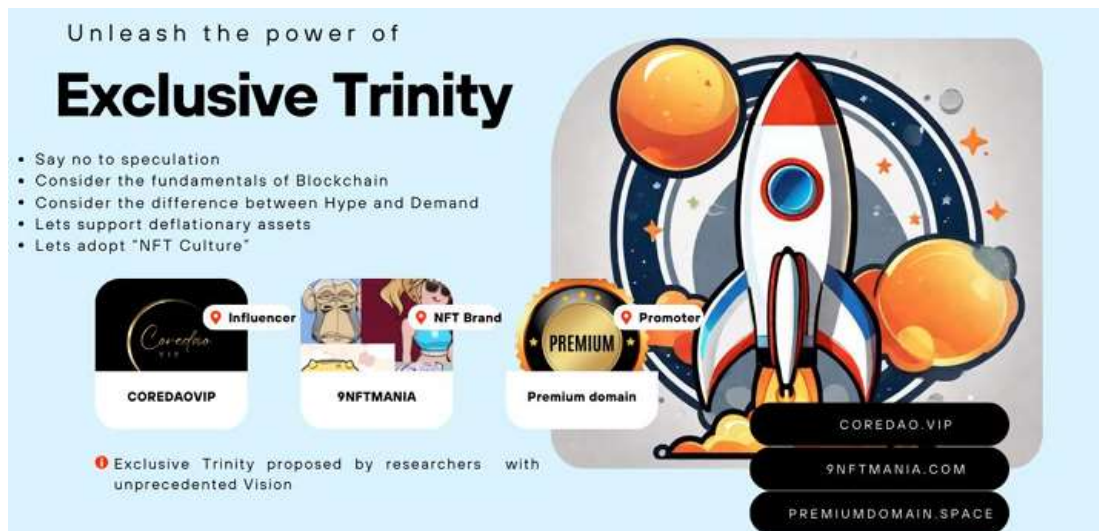


Fig 2 Exclusive Trinity

### Tokenomics

CoreDaoVip token (Ticker: COREVIP) serves as the native utility and governance token of the CoreDaoVip ecosystem. The tokenomics are designed to incentivize participation, reward



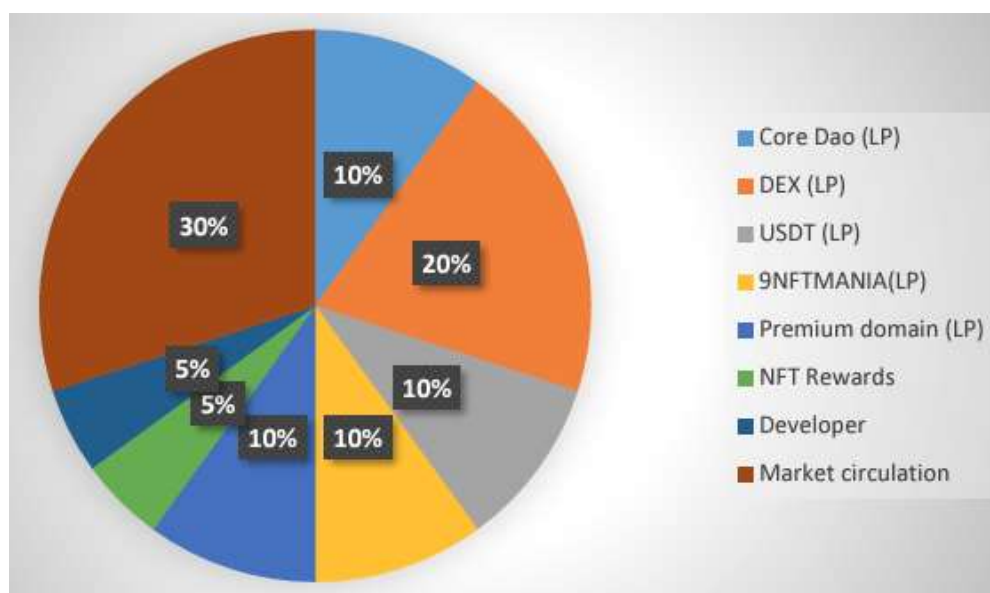


contributors, and align the interests of stakeholders within the ecosystem. Key tokenomics features include:

- **Governance:** COREVIP token holders can participate in governance proposals, voting, and decisionmaking processes to shape the future of CoreDaoVip.
- **NFT air drop on holding:** Users can hold COREVIP tokens to earn NFT as rewards.
- **Rewards:** COREVIP tokens may be rewarded to liquidity providers, community contributors, and participants in various ecosystem initiatives.

**Table 2 Token distribution details**

Reserved for	Number of Tokens
Core Dao Liquidity Pool (LP)	10000
DEX Liquidity Pool	20000
USDT Liquidity Pool	10000
9NFTMANIA Liquidity Pool	10000
Premium domain Liquidity Pool	10000
NFT Rewards	5000
Developer	5000
Market circulation	30000



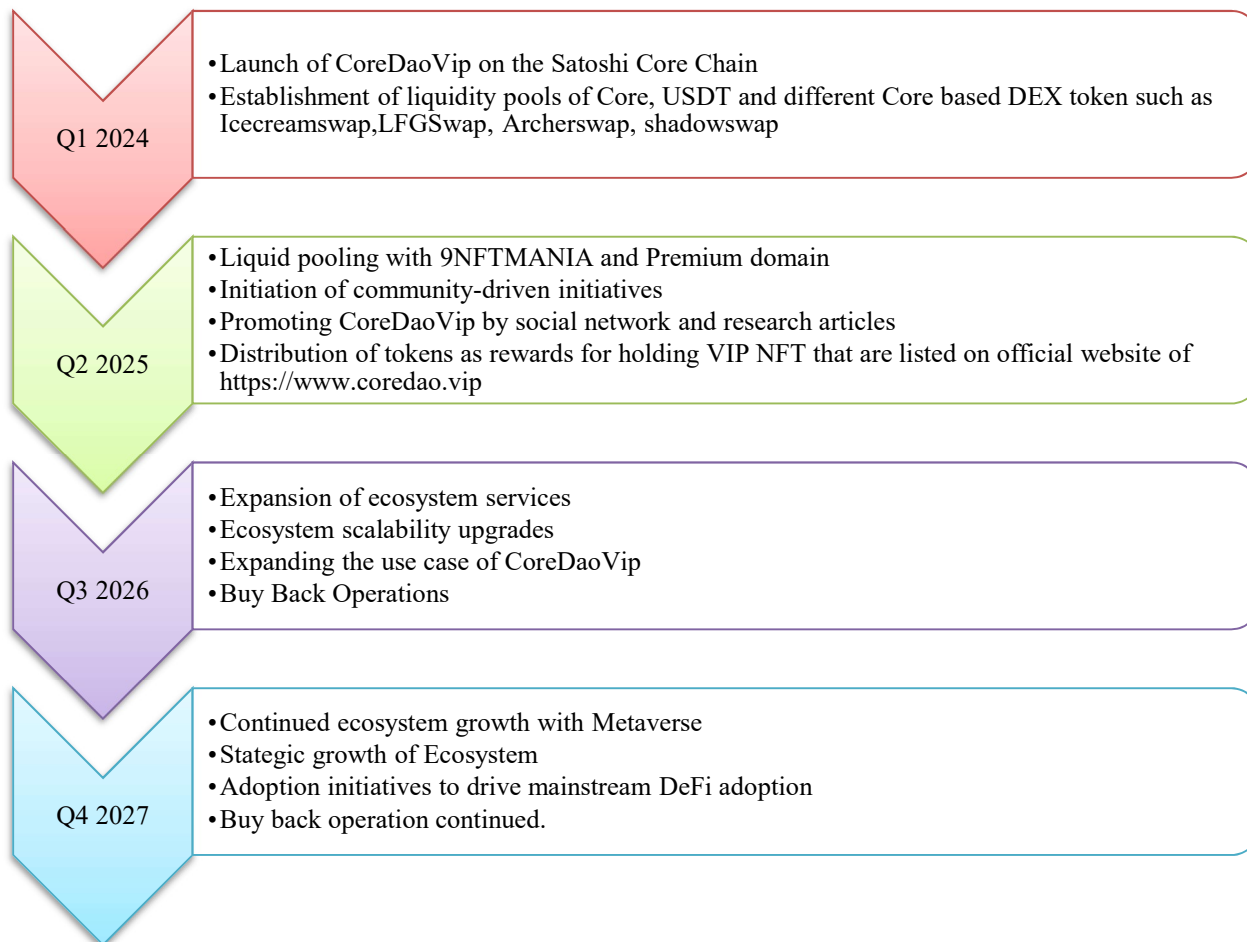
**Fig 3 Token distribution**

**Roadmap**

CoreDaoVip is committed to delivering a roadmap focused on innovation, adoption, and community growth. Key milestones include:







**Fig 3 Road Map**

## 2. Literature review

The burgeoning field of blockchain technology and NFTs has seen a plethora of insightful contributions from various researchers. Gupta, M., Gupta, D., and Duggal, A. (2023) explore the cultural impact of NFTs in their seminal paper "NFT Culture: A New Era," where they delve into the transformative effects of NFTs on digital ownership and creative industries. M. Gupta's work on the relationship between blockchain and NFT marketplaces highlights the foundational role of blockchain in facilitating secure and transparent transactions within popular NFT platforms. R. Gupta et al. (2023) emphasize the importance of liquidity pools in maintaining token value stability, showcasing how these mechanisms support the broader cryptocurrency ecosystem. Another notable contribution by M. Gupta and D. Gupta investigates how blockchain technology can enhance the value of digital greetings, proposing innovative use cases for blockchain beyond traditional financial applications. The significance of NFT avatars in the metaverse and their promotion is examined through a case study by Duggal, M. Gupta, and D. Gupta (2023),





illustrating the growing integration of NFTs in virtual worlds. Concurrently, M. Gupta's guidelines on mitigating speculation in crypto markets during NFT trades provide crucial technical and financial insights for traders and investors. The impact of Bitcoin halving on the crypto market, as discussed by Singla, M. Singla, and M. Gupta, offers a nuanced understanding of market dynamics influenced by scheduled cryptocurrency supply reductions. Further exploring decentralization, Gupta and P. Jain (2023) outline the potential transformative impacts of blockchain-based technologies on various sectors. D. Gupta and S. Gupta's global analysis of famous NFT scripts underscores the diverse applications and cultural significance of NFTs worldwide. Integrating IoT with blockchain for user authentication is another innovative area covered by M. Gupta, showcasing the cross-disciplinary applications of blockchain technology. The subsequent studies, including those on the integration of digital currency with NFT art by Singla and M. Gupta, and the exploration of the potential of Dogecoin promoted by Elon Musk by Arun Singla and Mandeep Gupta, provide a comprehensive look into specific cryptocurrency and NFT phenomena. Meenu's work on the power and applications of TRON and the exploration of NFT brand potential further enrich the discourse on blockchain technology's expanding frontiers. The impact of the PI Network and PINFT on premium domain parking is also critically analyzed by D. Gupta (2024), adding another layer to the multifaceted research on blockchain applications. This body of literature collectively enhances our understanding of the intersection between blockchain technology, NFTs, and the broader digital economy, highlighting both theoretical insights and practical applications across various domains.

### 3. Liquidity Pools and Automated trading

Exploring liquidity pooling and automated trading with Coredao tokens in decentralized exchanges (DEXs) involves understanding key concepts and mechanisms that drive these functionalities in the decentralized finance (DeFi) ecosystem.

#### 3.1 Liquidity Pooling

Liquidity pools are a fundamental aspect of decentralized exchanges. They consist of funds deposited by users (liquidity providers) into a smart contract, enabling trading on the platform. Here's how liquidity pooling works with Coredao tokens:

1. Liquidity Providers (LPs): Users deposit pairs of tokens (e.g., Coredao) into a liquidity pool. In return, they receive LP tokens representing their share of the pool.
2. Trading: When a trade occurs on the DEX, liquidity is drawn from the pool. For example, if someone wants to trade ETH for Coredao tokens, they would swap their eth for Coredao from the pool.
3. Fees and Incentives: LPs earn a portion of the trading fees generated from swaps within the pool. Additionally, they might receive incentives such as additional Coredao tokens to encourage liquidity provision.





4. Impermanent Loss: LPs face the risk of impermanent loss, where the value of their deposited assets can fluctuate due to price changes in the pooled tokens. This is a crucial aspect to consider when providing liquidity.

### 3.2 Automated Trading

Automated trading in decentralized exchanges often involves the use of automated market makers (AMMs) and trading bots. Here's how these mechanisms work with CoreDAOVIP tokens:

1. Automated Market Makers (AMMs): AMMs like ICECREAMSWAP, LFGSWAP, SHADOWSWAP, and ARCHERSWAP use algorithms to set the prices of tokens in a pool based on their relative supply. CoreDAOVIP tokens can be traded automatically without the need for an order book.
2. Trading Bots: Automated trading bots can execute trades based on predefined strategies. For CoreDAOVIP tokens, bots can be programmed to:
  - Arbitrage: Exploit price differences of CoreDAOVIP tokens across different DEXs.
  - Market Making: Provide liquidity to earn fees while maintaining a balance of CoreDAOVIP tokens and other assets.
  - Trend Following: Execute buy/sell orders based on market trends and signals specific to CoreDAOVIP tokens.

## 4. Benefits and Challenges

### 4.1 Benefits:

- Increased Liquidity: By providing liquidity, users facilitate smoother trading and enhance the overall liquidity of CoreDAOVIP tokens.
- Earnings: Liquidity providers earn trading fees and potentially additional rewards in the form of CoreDAOVIP tokens.
- Decentralization: Automated trading and liquidity pooling operate without intermediaries, adhering to the decentralized ethos of DeFi.

### 4.2 Challenges:

- Impermanent Loss: LPs risk losing value if the price of CoreDAOVIP tokens changes significantly.
- Smart Contract Risks: Bugs or vulnerabilities in the smart contract can lead to loss of funds.
- Market Volatility: Automated trading strategies must be robust to handle the volatility of CoreDAOVIP tokens and the broader crypto market.







## 5. Implementation Steps

1. Choose a DEX: Select a decentralized exchange that supports Coredao vip tokens, such as ICECREAMSWAP, LFGSWAP, SHADOWSWAP, and ARCHERSWAP with Coredao vip.
2. Deposit Tokens: Provide liquidity by depositing Coredao vip and a paired token (e.g., ETH) into the liquidity pool.
3. Earn Rewards: Start earning a share of the trading fees generated from the pool and any additional incentives offered by the DEX.
4. Automate Trading: Develop or use existing trading bots to execute automated trading strategies, ensuring they are configured to handle Coredao vip tokens effectively.

By leveraging liquidity pooling and automated trading, users can maximize their involvement with Coredao vip tokens in the DeFi ecosystem, potentially earning significant rewards while contributing to the token's liquidity and market efficiency.

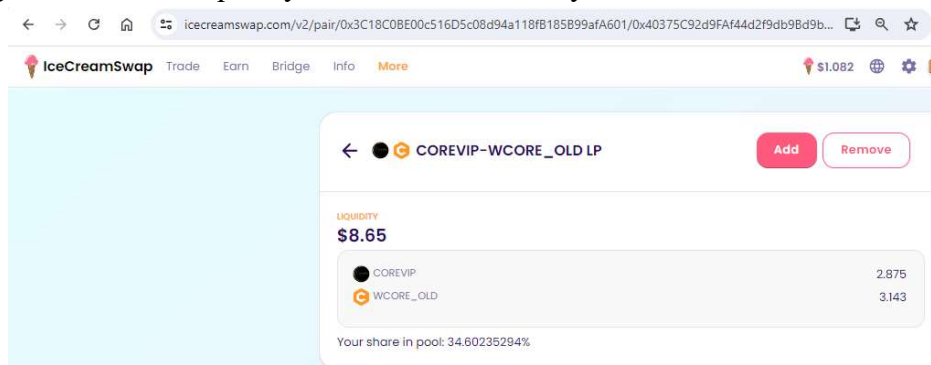


Fig 4 Liquidity Pools of Corevip-Wcore

## 6. Scope of liquidity pool

The scope of exploring liquidity pooling and automated trading with COREDAO VIP token in decentralized exchanges (DEX) encompasses several key aspects:

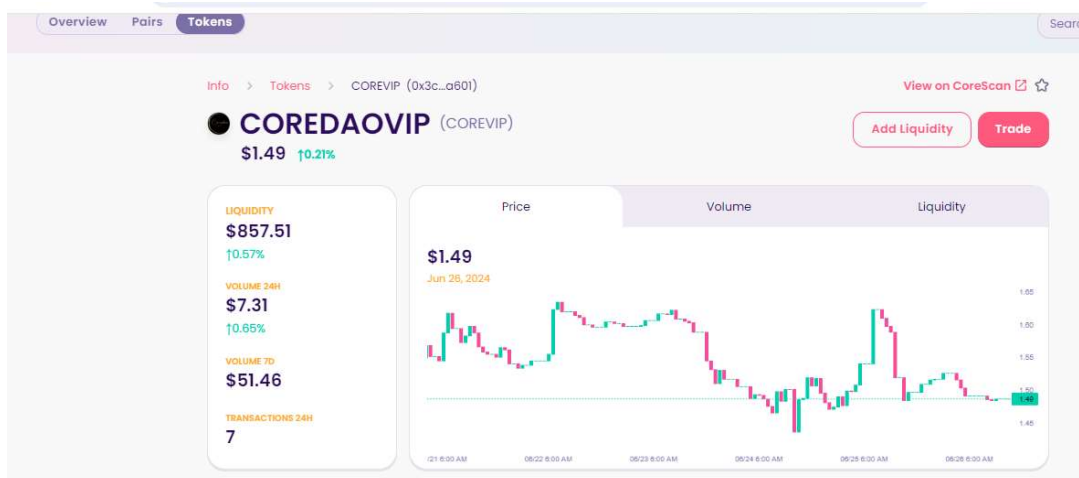
1. Liquidity Provision: Investigating how COREDAO VIP token enhances liquidity within decentralized exchanges by enabling users to pool assets across multiple COREDAO-based tokens. This includes analyzing the effectiveness of liquidity pools and their impact on transaction efficiency and user participation.
2. Automated Trading Strategies: Examining the role of COREDAO VIP token in facilitating automated trading strategies such as arbitrage, market-making, and algorithmic trading. This involves assessing the token's integration with DEX platforms like ICECREAMSWAP, LFGSWAP, SHADOWSWAP, and ARCHERSWAP to optimize trading execution and minimize trading costs.
3. Impact on Market Dynamics: Evaluating how the presence of COREDAO VIP token influences market dynamics within decentralized exchanges. This includes studying price





stability, trading volumes, and the overall liquidity depth provided by the token's ecosystem.

4. Governance and Tokenomics: Exploring the governance mechanisms associated with COREDAO VIP token within the CORE Chain ecosystem, including voting rights, token staking, and reward mechanisms. Analyzing tokenomics aspects such as distribution models, inflationary/deflationary mechanisms, and economic incentives for liquidity providers.
5. Comparative Analysis: Conducting a comparative analysis with other liquidity and trading protocols in DeFi to benchmark the efficiency and effectiveness of COREDAO VIP token. This includes contrasting its performance metrics, user adoption rates, and technological innovations with similar platforms.
6. Future Trends and Innovations: Anticipating future trends and potential innovations in liquidity pooling and automated trading enabled by COREDAO VIP token. This involves forecasting regulatory developments, technological advancements, and market adoption trends that could impact its role and functionality within decentralized finance.



**Fig 5** Liquidity and volume details of Coredao vip

By addressing these aspects, the research aims to provide a comprehensive understanding of how COREDAO VIP token contributes to enhancing liquidity provision and optimizing automated trading strategies within decentralized exchanges, thereby contributing to the evolving landscape of decentralized finance.

## 7. Conclusion

CoreDaoVip is poised to redefine the DeFi landscape by offering a decentralized financial ecosystem that prioritizes transparency, security, and community governance. With its fixed total





supply, strategic partnerships with leading DEX platforms, and commitment to innovation, CoreDaoVip aims to become a cornerstone of the decentralized finance ecosystem. COREDAO VIP token plays a pivotal role within the CORE Chain ecosystem by facilitating liquidity pooling and automated trading across various COREDAO-based tokens. This integration across multiple DEX platforms underscores its utility and potential impact within decentralized finance (DeFi) and blockchain-based ecosystems. This overview provides a snapshot of COREDAO VIP token's role and functionality within the broader COREDAO ecosystem, leveraging decentralized exchanges to enhance trading efficiency and liquidity management.

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