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CRYPTO


TECHNICAL ANALYSIS

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SMALL CAPS RESEARCH

TECHNICAL, FUNDAMENTAL AND ON-CHAIN ANALYSIS



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RESEARCH TEAM

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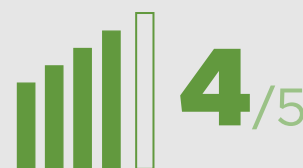


Ticker
FRM
Rank
#443
Market cap
\$ 6,480,472
Current price
\$ 0.055199

Private/pre-sale 1 FRM = \$ 0.014
ICO sale 1 FRM = \$ 0.016

*According to www.coingecko.com

**OVERALL
SCORE**



WHAT IS IT?

FERRUM NETWORK is a decentralized exchange and transaction network that utilizes a Directed Acyclic Graph to focus on interoperability between networks. Users can exchange and transact any digital asset, peer-to-peer, in milliseconds, for near-zero fees. Instead of building a standalone network, Ferrum Network leverages the values of existing blockchains and connects them to a high-speed transaction layer that enables peer-to-peer transactions of any digital asset.

When you send coins to Ferrum, from the Bitcoin network, for example, Ferrum creates a unique Bitcoin address for you called the "lock address". No one in the world ever sees the private key for the lock address. Instead, the private key is created in distributed nodes within and around the Ferrum Network. When Bitcoin arrives at your locked address, the same amount of Bitcoin is generated in the Ferrum Network. [Website](#)

THE FOMO

Concept: No private keys are held by Ferrum, rather they are distributed across the network.

Team: The team is of world-class with relevant working experience at multinational enterprises.

Expansion: The ERC-20 compatible UniFyre wallet empowered many projects to offer staking services to their userbase.

Value: FRM tokens are spent to run the transactions on the network. The tokens are also used to reduce fees on the Fe DEX, to import/export value to and from the network, among other necessary functions. Whenever FRM tokens are spent, they are burned.

Reward: Monthly Pooldrops for holders with a minimum of 100K FRM.

THE FUD

Concept: The project will bring forward new challenges that none encountered before.

Marketing: More exchange listings are a must to onboard more users, create more awareness, and to provide more liquidity.

Threat: IMS was one of the projects with which the team at Ferrum was going to work with DeFi Staking and UniFyre Listing. However, IMS liquidity wasn't locked during the pre-sale. In the meantime, Ferrum has taken appropriate measures to prevent a repeat of such practices.

PARTNERS:

Gather Network, ICO Pantera, Pchain, Fusion

ROADMAP:

2020 – Fiat/Crypto Swap platform V0.1

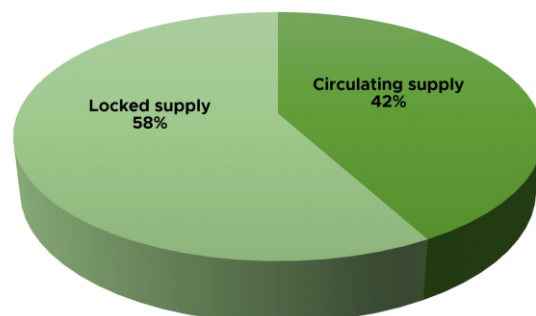
2021 Q1 – Mainnet launch

2021 Q2 & Q3 – Infinity DEX + Sub-Zero Wallet

EXCHANGES:

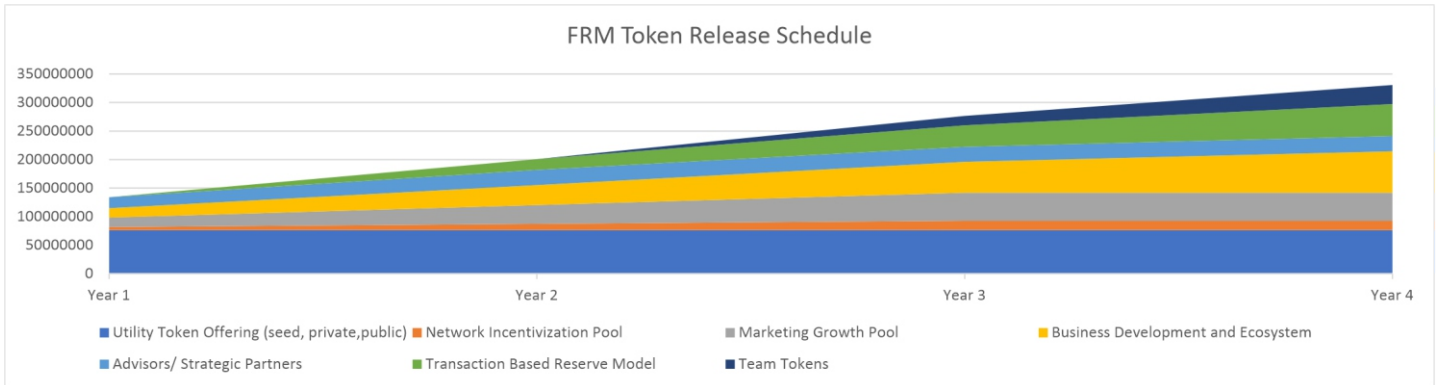
Bitmax, Bilaxy, UniSwap

Total supply



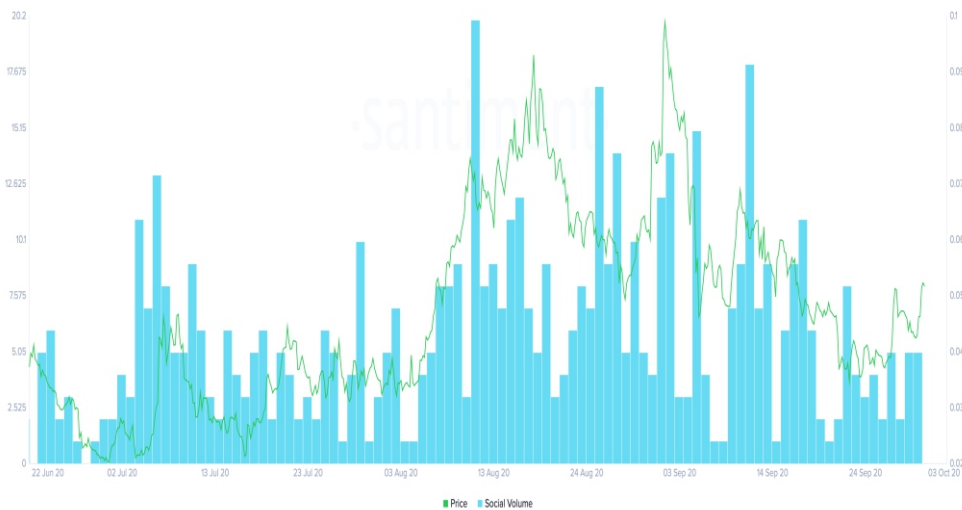
Total Supply: 329218749 FRM
Circulating Supply: 139652537 FRM
Locked Supply: 189566212 FRM

UNLOCK SCHEDULE



Although in comparison with other projects, FRM has almost half of its supply in circulation, which is an advantage nowadays, the other half will be released in the next 3 years, with the mention that the team has not made the specific dates public. This can be seen as a red flag as the increased level of uncertainty can affect the appetite of trading or investing in the project.

SOCIAL METRICS



High social volumes are usually measured around tops, which is what can be seen on the chart as well.

Social volume peaks align with market tops. Current social volume is near all time lows, which usually supports the idea of the formation of a potential bottom.

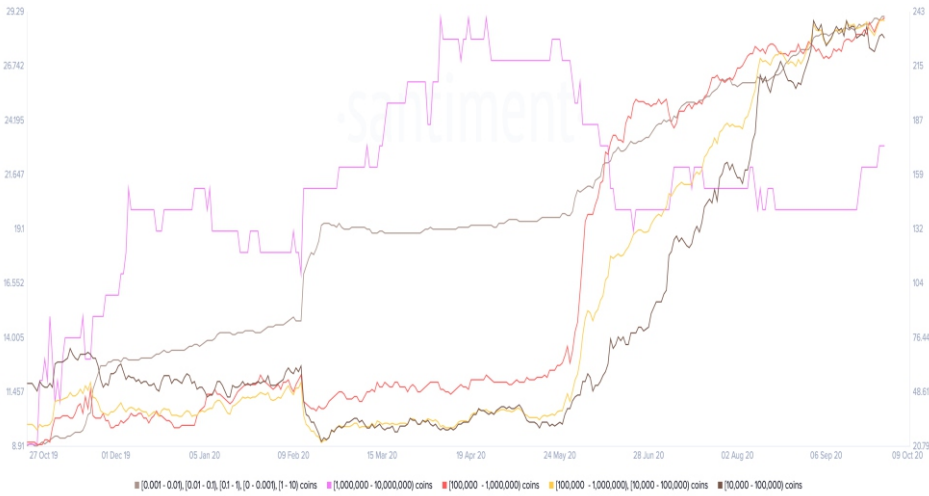
ON-CHAIN ANALYSIS

The trend for Ferrum is very clear, large holders have been decreasing their supply ever since this got listed, and so far, yet no signs of slowing down.

On the other hand, the coin supply outside of exchanges has been quite solid and actually on a slow increase. This means whatever supply is being held by large holders is likely held off exchanges, likely in staking.



ON-CHAIN ANALYSIS

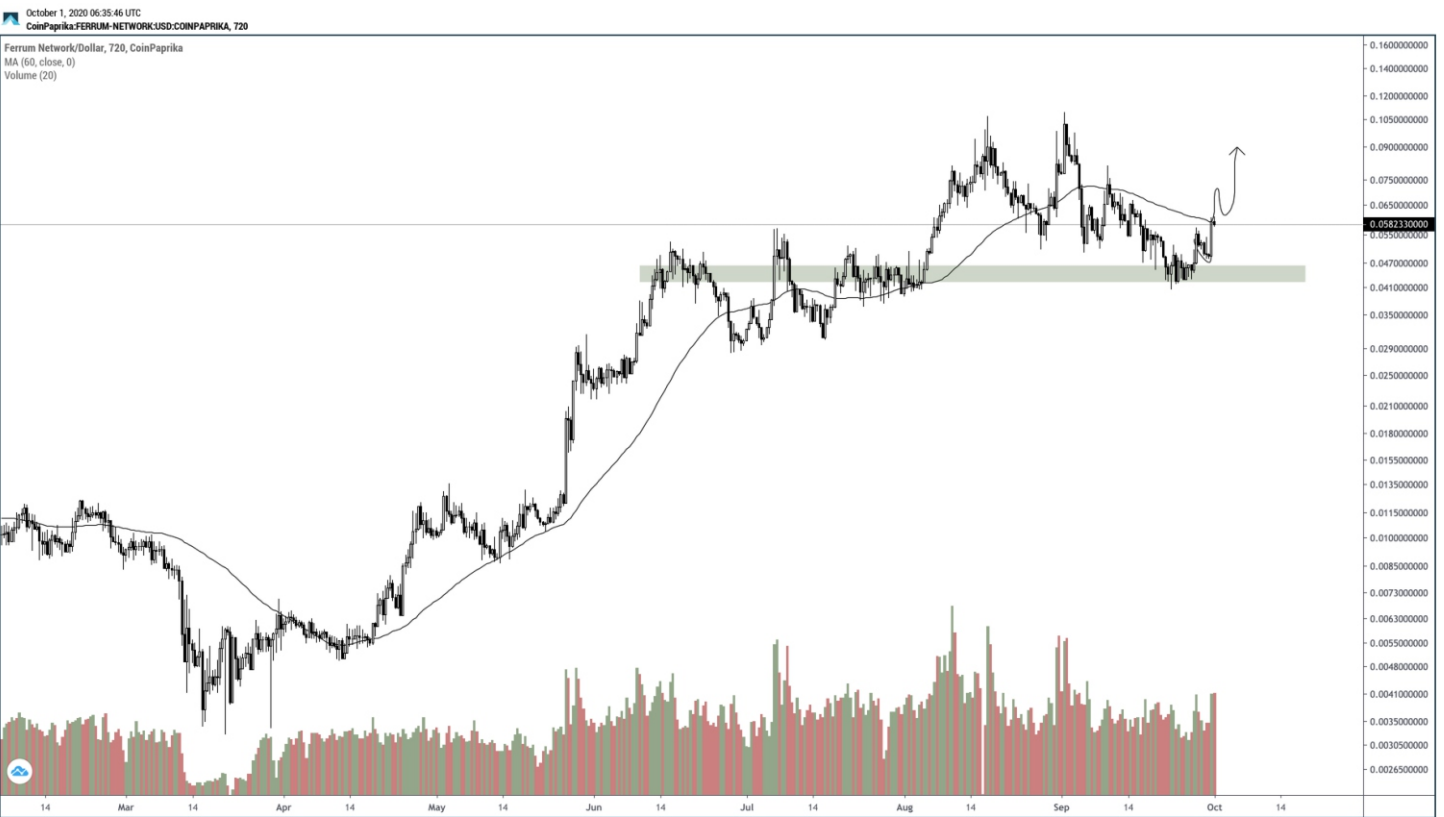


Holders distribution shows extremely large holders have been increasing their holdings right up till the moment the large uptrend started around May this year and have reduced their holdings right up till recently when we can see a small increase starting on September 15th.

The tier below with still very large holders have only increased their holdings all the way up till now. So, it seems overall large holders are still accumulating this even though it has had a significant uptrend already.

TA OUTLOOK

TECHNICAL ANALYSIS OUTLOOK



Created on charts.cointrader.pro

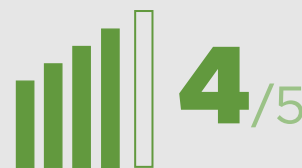
The 12h trend has been more telling for Ferrum. Looking at the logarithmic 12h trend we can clearly see price bouncing off the 60 MA often in the first big uptrend. Ever since price has been crossing between the MA's we can see that the trend has been stalling. It seems to have bounced off a key demand zone right now, but by definition the uptrend still hasn't recovered. A reclaim of the 60 MA on this time frame would give an indication that the uptrend is back. As of today price has been trying to push through the MA, if it manages to complete this breakout bullish continuation is most likely, but if price fails here there is a good chance it revisits the demand zone below.



Ticker
DIA
 Rank
#192
 Market cap
\$ 37,183,457
 Current price
\$ 1.45
 Public Sale 1 DIA = 0.670\$

*According to www.coingecko.com

OVERALL SCORE



WHAT IS IT?

DIA is an open-source, data, and oracle platform for the DeFi ecosystem. DIA aims to bring together data analysts, data providers, and data users. In general, DIA provides a reliable and verifiable bridge between off-chain data from various sources and on-chain smart contracts that can be used to build a variety of financial dApps.

DeFi applications are reliant on trustable and scalable data feeds to build reliable products and avoid exploitation and manipulation. DIA leverages crypto-economic incentives and the wisdom of the community to source, validate, and deliver trusted financial data. DIA is on a mission to democratize financial data, similar to what Wikipedia has done in the broader information space with regard to central encyclopedias. [Website](#)

THE FOMO

Opportunity: Oracles are an essential part of the DeFi ecosystem. DeFi applications recent growth also sparked interest in the ecosystem architecture. An increasing number of projects need (multiple) oracles to deliver critical fundamental data.

Concept: DIA's platform can be applied to both for Decentralized Finance and traditional finance. DIA differentiates itself from the competition with the transparency provided. By allowing community members to check, validate, challenge, and provide the data sources and methodology.

Value: DIA tokens are needed for developers to acquire access to data streams.

Reward: DIA tokens can be staked to incentivize validators.

THE FUD

Competition: Steep competition from other oracle projects like Band Protocol, Chainlink, DOS Network, and Tellor.

Competition: In terms of partnerships & clients, the team has its work cut out and needs to catch up with the competitors.

Marketing: Telegram admins were hyping multiple announcements which all fall short in the eyes of many investors.

Price: After the listing on Binance, price action isn't in favor of the project.

PARTNERS:

Elrond, Ankr, Hedget, Outlier Ventures, TRG Capital, ITSA

ROADMAP:

2020 – DAO Implementation + legacy data providers

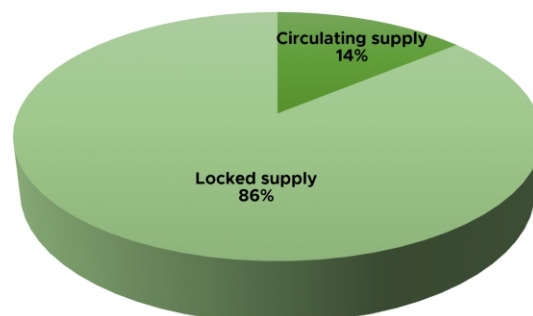
2021 – 1000+ asset prices + largest oracle suite + follow-on fundraising

2022 – Fully distributed governance token

EXCHANGES:

Bitmax, Binance, UniSwap

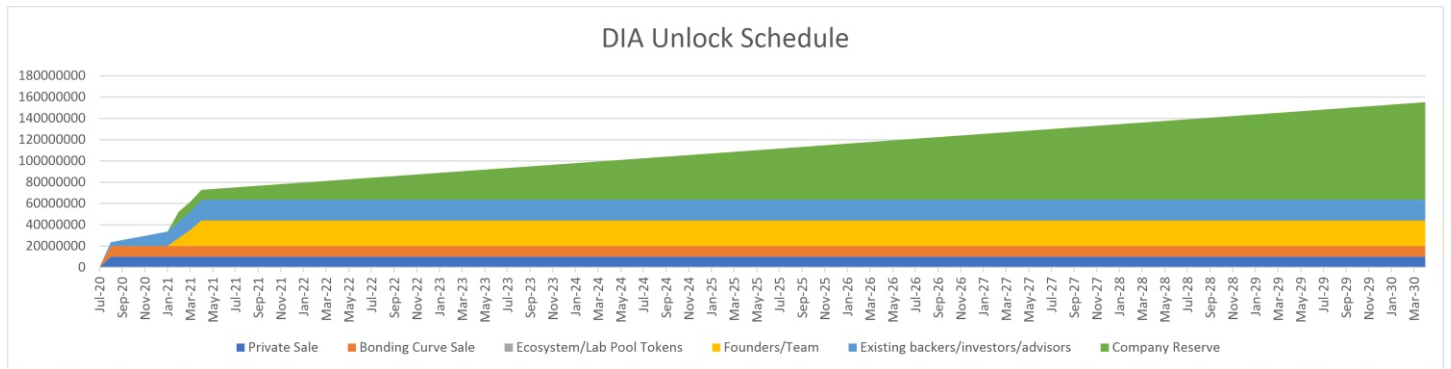
Total supply



Total Supply: 200.000.000 DIA
Circulating Supply: 25.549.170 DIA
Locked Supply: 174.450.830 DIA



UNLOCK SCHEDULE



An important date to be kept in mind is the beginning of 2021 when a large number of tokens will be released in the markets. This will possibly affect the price of the token. 19,836,752 DIA tokens were burned after not being bought in the Public Sale and there are also 25,000,000 DIA tokens in the Ecosystem which are locked for an unlimited time.

SOCIAL METRICS



High social volumes are usually measured around tops, which is what can be seen on the chart as well.

Social volume peaks align with market tops. Current social volume is near all time lows, which usually supports the idea of the formation of a potential bottom.

ON-CHAIN ANALYSIS

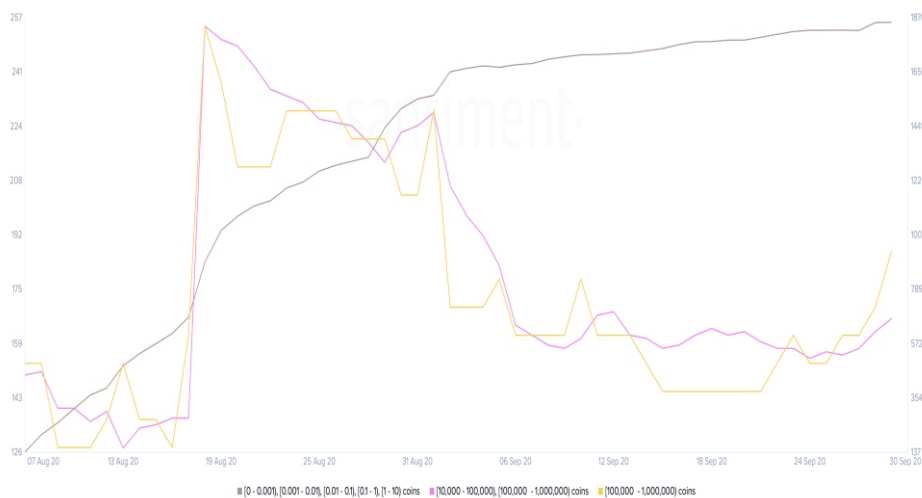
Weighted social sentiment total has been a useful metric in spotting potential tops, with each spike front running the dumps.

The current spike in positive sentiment is something to keep an eye on, it indicates this might not have bottomed out yet.





ON-CHAIN ANALYSIS



Smaller holders have been accumulating while larger wallet holdings have dropped substantially after the first local top in price.

However, as of lately these large wallets have been accumulating again which can be seen by the chart sloping up starting from the bottom on September 18th.

This could indicate that whales are betting on the long side once again after unloading in the first liquidity that was available after exchange listing.

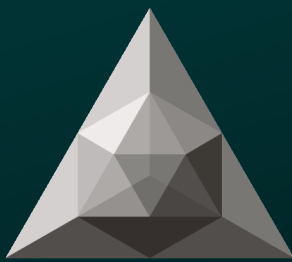
TA OUTLOOK

TECHNICAL ANALYSIS OUTLOOK



The 12hour 60MA is a good guide for DIA's trend. Previous times price either bounced off or broke out of it briefly only to fall back and retrace deeper after a failing. Currently price is pushing above the MA's while massive volume is building.

Aside from that its pushing above the POC, the area where most volume has been traded. This can indicate large positions have been built up around current levels. When price managed to flip the POC to support, the trend is supportive of longer term swing trades. Current risk is failing at this POC, flipping it back to resistance.



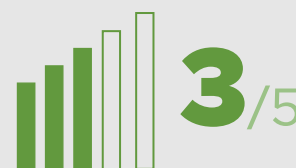
DOS NETWORK

Ticker
DOS
Rank
#312
Market cap
\$ 14,465,699
Current price
\$ 0.109345

Private/pre-sale 1 DOS = \$ 0.01
ICO sale 1 DOS = \$ 0.012

*According to www.coingecko.com

OVERALL SCORE



WHAT IS IT?

DOS NETWORK is a scalable layer-2 protocol that offers decentralized data feed oracle and decentralized verifiable computation oracle to mainstream blockchains. It connects on-chain smart contracts to off-chain internet data and also supplies unlimited verifiable computation power to blockchains, enabling more commercial applications. It's driven by secure, un-manipulatable, and verifiable randomness and offers (near) real-time and verifiable response at a low cost.

The mission DOS Network is to solve challenges regarding interoperability and scalability, to enrich smart contracts and the decentralized economy with real-world data and more computing power, paving the way for the mass adoption of blockchain. [Website](#)

THE FOMO

Concept: DOS Network is scalable and off-chain aggregation carries low costs. DOS Network is chain agnostic and opens a door to perform cross-chain interaction between different blockchains.
Team: The team has a strong focus on DeFi and several team members worked at well-known MNE's.
Value: DOS tokens are used to pay processing fees to node runners. 100,000 DOS tokens from the foundation reserve will be burnt every 7 days. Staking interests incurred by foundational nodes will be burnt every 14 days and will not enter circulation.
Reward: DOS tokens can be staked for an incentive. Node operators are required to lock up DOS tokens and will be awarded processing fees for the oracle services they provide. Premium data providers are incentivized with DOS tokens.

THE FUD

Threat: There is currently no date set on the release of the new roadmap.
Marketing: Marketing efforts seem to be quite modest, however, this is improving with time.
Threat: MXC exchange was trading more tokens as they held. The team addressed this by airdropping new tokens to investors' wallets.
Competition: Steep competition from other oracle projects like Band Protocol, Chainlink, DIA, and Tellor.

PARTNERS:

IOST, SERO, U Network, Thundercore, Bondly, Nerve Network

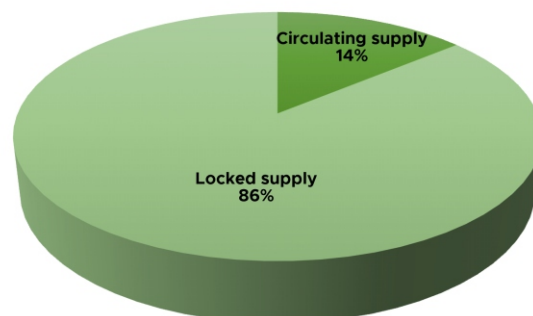
ROADMAP:

2020 - Research & Integrate With Cosmos SDK and Substrate Framework to Upgrade to Cross-Chain Oracle.

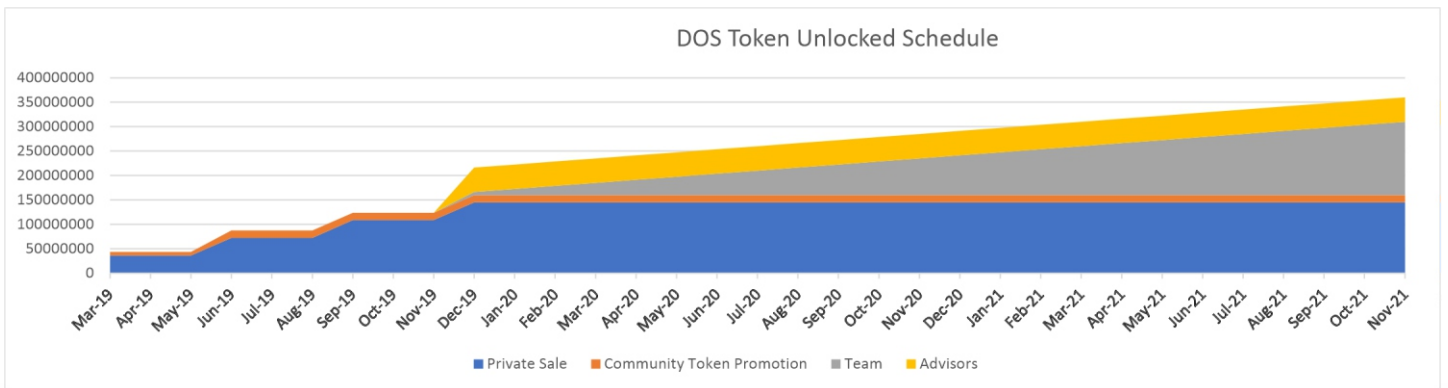
EXCHANGES:

Bitmax, Gate.io, UniSwap

Total supply

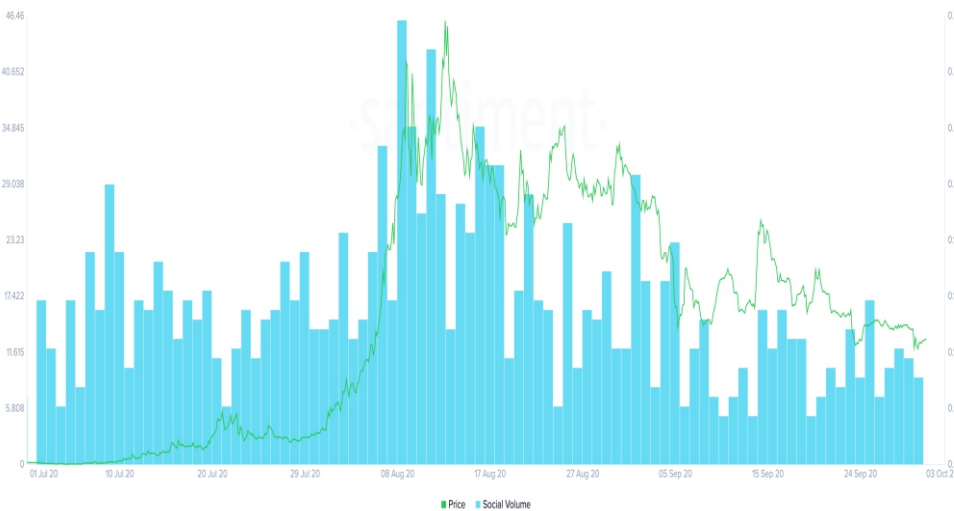


Total Supply: 949.292.114 DOS
Circulating Supply: 135.939.017 DOS
Locked Supply: 813.353.097 DOS



Although there are only 14% of tokens in circulation, according to the DOS Whitepaper, there are approximately 20% more unlocked but not brought forward to the market. Apart from this, another 64% are found in Mining Incentives, Ecosystem Building and Foundation Reserve, tokens that the public would never know clearly when they would become part of the circulating supply.

SOCIAL METRICS



High social volumes are usually measured around tops, which is what can be seen on the chart as well.

Social volume peaks align with market tops. Current social volume is near all time lows, which usually supports the idea of the formation of a potential bottom.

ON-CHAIN ANALYSIS

The amount held by top non-exchange addresses is declining since the first top right until it has recently started to climb again.

While overall sell pressure has dropped, large holders have been accumulating, and this seems to be picking up. This can be an early sign of a potential bottom forming for DOS.





ON-CHAIN ANALYSIS



The holder's distribution is only showing an increase in holdings across the board, from large holders to small holders.

One group of relatively large holders have however decreased their holdings substantially since September 23rd.

The data here is lacking the earlier movement so it is not very compelling.

TA OUTLOOK



The 12h logarithmic chart gives a very good overview of the trend and where to start paying attention again. Ever since it broke below the 60 moving average a steep downtrend set in.

There is still a lot of room for downside but based on the on-chain activity it can be concluded that there is a decent chance of a bounce. A breakout of the 12h 60 MA would give a nice signal to start looking for large time frame swing trades.

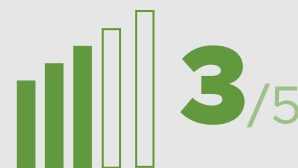


Ticker
STAKE
Rank
#160
Market cap
\$ 51,576,497
Current price
\$ 18.11

Private/pre-sale
1 STAKE= \$0.355 - \$0.400
IEO sale 1 STAKE = \$0.550

*According to www.coingecko.com

**OVERALL
SCORE**



WHAT IS IT?

xDAI CHAIN is a sidechain on the Ethereum with the same properties as Ethereum, but it uses a different method to make sure transactions are valid and consistent across all nodes in the network. In essence, it's a stable payments blockchain designed for fast and inexpensive stable transactions. The value of xDai remains stable at ~1 USD. xDai is used for transactions, payments, and fees.

The STAKE token is separate from xDai and is used to protect chain consensus. Validators commit STAKE into a contract and agree that their nodes will produce blocks. STAKE is not required for everyday chain transactions or users; it is only required for consensus providers. STAKE is not stable; it is a volatile token whose value is determined by the marketplace. STAKE is also a multi-chain staking token, meaning it may also be used to protect other blockchain networks in the future, further limiting circulating supply. [Website](#)

THE FOMO

Reward & Value: A dual-token ecosystem that grants stakers, four different reward models;

a. Rewards for sealing blocks (STAKE) - STAKE placed in the protocol generates a 15% APR;

b. Transaction fees (xDai) - Sent to the validator that seals the block containing the transactions;

c. Chai interest (xDai) - Dai sent to the xDai bridge contract is locked as Chai, an interest bearing Dai derivative.

Concept: A scalable solution for the Ethereum with fixed gas prices and vast liquidity.

Expansion: HoneySwap, an UniSwap clone, is using xDai Chain and has 2 big advantages; low fees and no issue with network congestion.

Marketing: Endorsed/mentioned by Vitalik Buterin.

THE FUD

Competition: In time Ethereum 2.0 and other (interoperable) high tps and low-cost chains might cause an unwanted impact on the project.

Concept: A spam attack was executed on the bridge to try and drain funds. The attack was stopped by blacklisting the attacking address. Plans for improving the bridge are in place.

Competition: Projects like OmiseGo, Matic, and Maker have a head start in multiple areas and are more widely known.

PARTNERS:

MakerDAO, SyncNode, Lab10, Gnosis

ROADMAP:

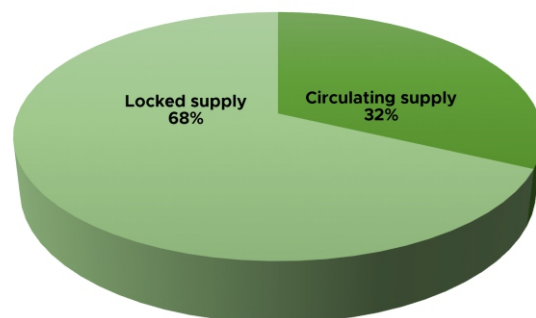
2020 - OmniBridge + Bridge Governance Expansion
+ Privacy-Preserving Transactions
+ Synthetic Assets on xDai based on UMA protocol.

2021 - L2 scalability for token transfers + Consensus Upgrade 2
+ POSDAO Phase 3

EXCHANGES:

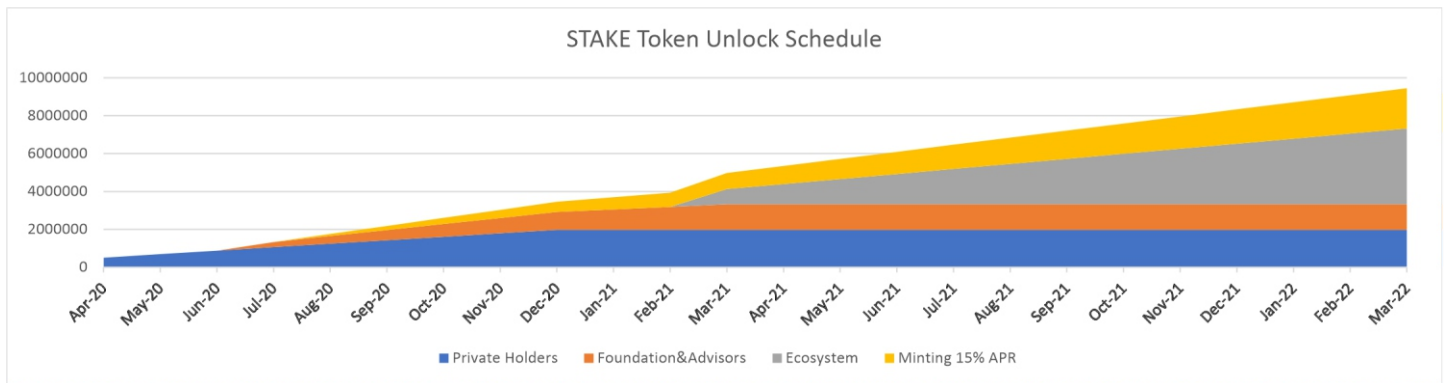
Balancer, Bitmax, UniSwap

Total supply



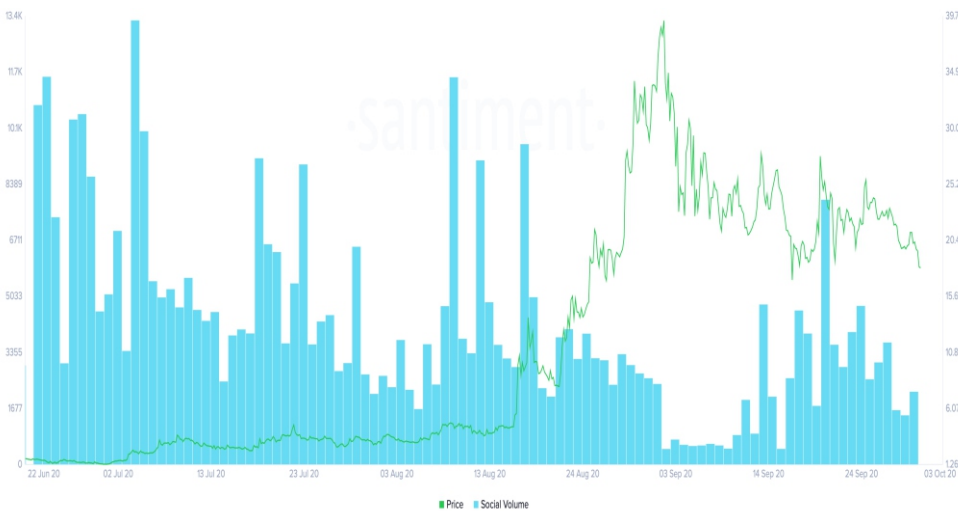
Total Supply: 8.537.500 STAKE
Circulating Supply: 2.723.265 STAKE
Locked Supply: 5.814.235 STAKE

UNLOCK SCHEDULE



In the graph above, the unlock was calculated monthly but for all Private Holders, Foundation & Advisors and Ecosystem, the unlocks are happening daily with the following values 5719.2, 4286 and 9523 tokens respectively. This policy was implemented to avoid massive releases that would affect price action.

SOCIAL METRICS



xDai is not showing the usual social activity. With very high activity in the early stages and almost no activity around the tops. However the last spike in social volume does align with a local market top, as is usual for most projects.

Currently volume is dropping off, indicating a lack of interest which usually aligns with markets bottoming out. But given the fact that the social volume is unusual we cant put too much weight on this observation

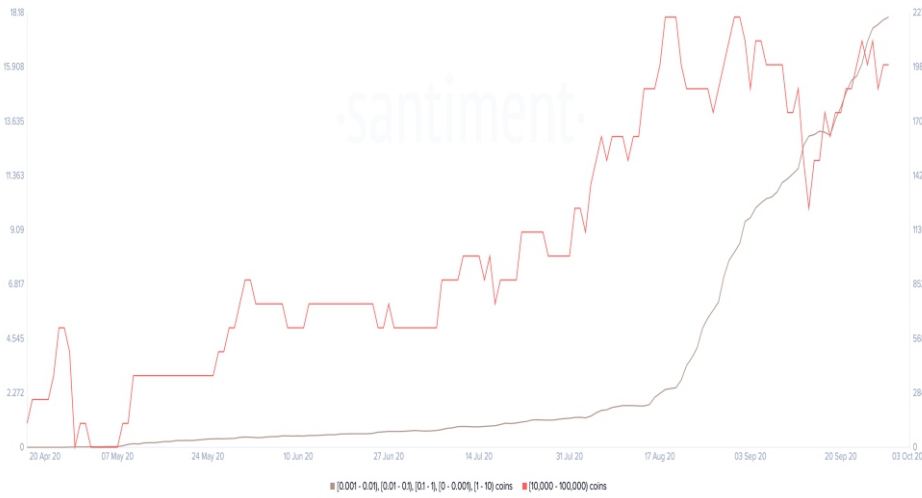
ON-CHAIN ANALYSIS

The amount held by top non-exchange addresses has been dropping over the entire period of the large uptrend, indicating large holders slowly unloading their big positions.

What we look for is an end of this trend, with a slope upwards of large wallets going back to accumulation. So far this isn't the case yet, therefore it's best to be cautious as whales might end up selling more of their holdings.



ON-CHAIN ANALYSIS



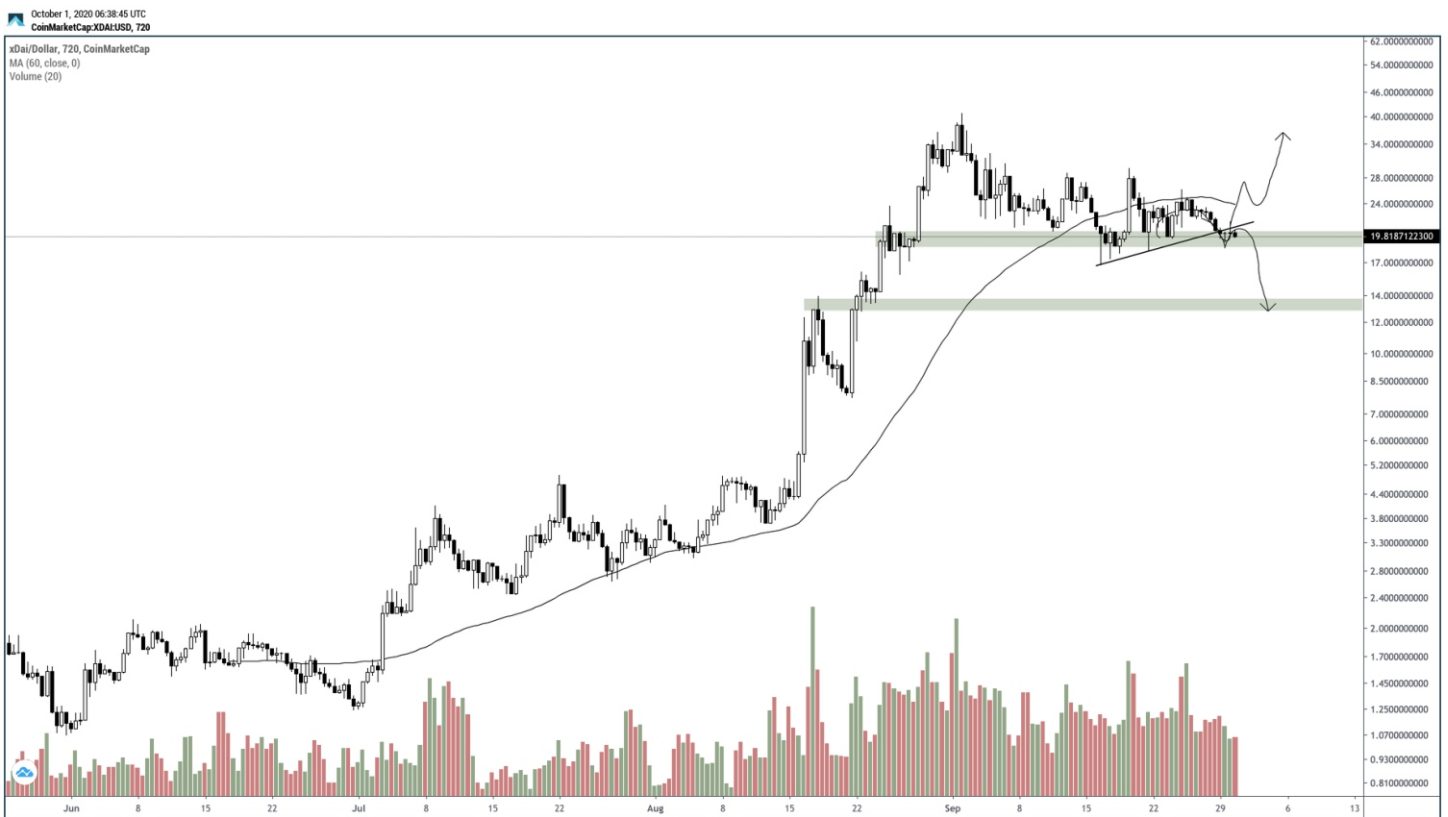
Looking at the holder's distribution shows a steep drop in large wallet holdings right around the local price tops. This trend has however reversed as of recently, and large wallets seem to be accumulating tokens starting from September 14th.

This trend is likely to continue, which could mean that we are entering the final phase of this large consolidation.

These metrics give us some confidence that there still is a lot of interest in this project and that a further uptrend is possible.

TA OUTLOOK

TECHNICAL ANALYSIS OUTLOOK



Created on charts.cointarder.pro

The 12h MA shows a very clean rejection and price looks to be entering into a bigger downtrend. That comes as no surprise after this did 10x from the bottom of this trend.

There is still a chance of a bounce of the current support zone, which has held so far. But the more it gets tested the less likely it will hold. A breakout of the 12h MA would signal the end of this downtrend and would make room for mid/long term swing trades.

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*Daily chart updates for ~40 altcoins
Daily trade setups
3-4x a week live streams
Fundamental analysis
Small Caps Research*

A community founded by seasoned traders, serving mature traders away from the hype and big promises on Social Media.

"No hype, no BS" but honest coaching in order to teach members to become confident traders who can book consistent profits.

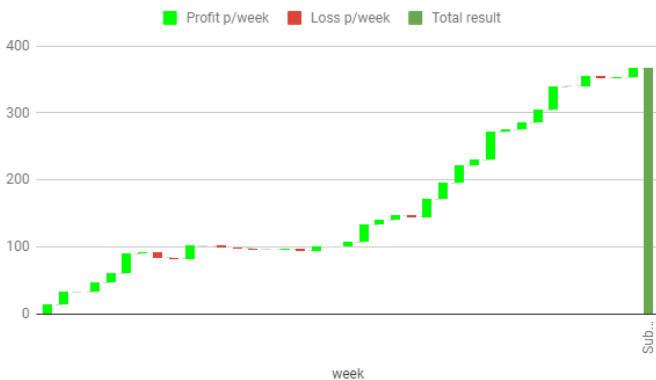
Although we are not just a signal service, we do trade with our members.

Trading results are published every week on our website.

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2020 TRADING GROUP RESULTS

Weekly results in R (Risk:Reward ratio)



Portfolio size per week (based on 1% portfolio risk per trade, 1R) excl leverage trading. Virtual portfolio size at 01-01-2020 was €10.000,-

