JANUARY 25, 2022

CRYPTONAIRE WEEKLY

CRYPTO INVESTMENT JOURNAL

218TH EDITION

SOLIDUS AITECH THE WORLD'S FIRST ARTIFICIAL INTELLIGENCE UTILITY TOKEN

PLATINUM CRYPTO ACADEMY

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CRYPTONAIRE WEEKLY
CRYPTO INVESTMENT JOURNAL

EDITORS LETTER

Risky assets across the world are witnessing a complete bloodbath and crypto markets have been the worst affected. Bitcoin and several major altcoins have dropped more than 50% from their respective all-time highs, indicating that panic has gripped traders. The total crypto market capitalisation dropped below $1.5 trillion on January 24, a 50% fall from its lofty highs of near $3 trillion in early November of last year.

However, CNBC host Jim Cramer had a different view based on the chart's analysis by popular technician Tom DeMark. Cramer said that "Bitcoin and Ethereum could be looking at downside trend exhaustion bottoms this week." He also added that it "might be too late to sell and you need to consider buying. I know I am, especially if we get a final leg down," CNBC reported.

Bitcoin attempted a recovery on January 20 but could not rally above the overhead resistance at £32,382.23. This may have attracted selling from traders which pulled the price below the critical support of £29,000 on January 21.

The sharp fall of the past few days sent the relative strength index (RSI) near to 20 levels indicating that the selling had been overdone in the short term. Usually, deeply oversold levels are followed by a minor relief rally or consolidation.

The BTC/GBP pair could rise to the breakdown level at £29,000 where the bears may again mount a strong resistance.
If the price turns down from this level, it will suggest that sentiment remains negative and traders are selling near overhead resistance levels. The bears will then make one more attempt to resume the downtrend.

A break and close below £24,450 could open the doors for a possible drop to £21,462.10. Conversely, if bulls drive and sustain the price above £29,000, it will suggest that the markets have rejected the lower levels. The pair could then attempt a rally to the 50-day simple moving average (SMA).

The pair could soon bottom out but we would wait for the price to sustain above £29,000 before recommending fresh long positions.

Lastly please check out the advancement's happening in the cryptocurrency world.

Enjoy the issue!

Karnav Shah

Karnav Shah
Founder, CEO & Editor-in-Chief

CRYPTONAIRE WEEKLY

After mentoring thousands of crypto traders around the globe, we have culminated all of the consistent and ongoing requirements of crypto-traders into one place.

Our Cryptonaire Weekly magazine includes expert technical analysis, providing trading opportunities to our subscribers as well as fundamental analysis so our readers can keep up to speed with the current developments in the crypto markets.

Not only do we provide the information necessary to trade active cryptocurrencies on the exchanges, but we also take a look at ICOs to help you find those golden projects with real value!

No longer will you have to rely on multiple sources to keep on top of the markets, we deliver everything directly to your inbox each and every week.

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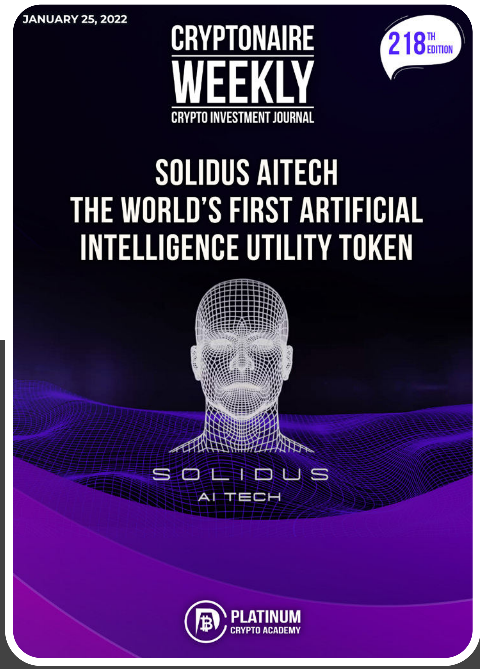

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- Solidus
- Onino
- Meld
- Mine Network
- Digital Arms
- World Mobile Token
- Hubble Protocol

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PIONEERING CASH FOR CRYPTO LOANS, MELD IS THE "BUZZ" RIGHT NOW

HOW BLOCKCHAIN-BASED WORLD MOBILE TOKEN IS REVOLUTIONISING THE TELECOM SECTOR

MINE NETWORK: MINING CRYPTO WITH A HASH-RATE-BASED PROTOCOL

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WEEKLY CRYPTOCURRENCY MARKET ANALYSIS

Hello, welcome to this week's 218th edition of Cryptonaire Weekly Magazine. The global crypto market cap is $1.63 Trillion, down $370 billion since the last week. The total crypto market trading volume over the last 24 hours has increased by 53.51% to $127.85 Billion. The DeFi volume is $18.26 Billion, 14.28% of the entire crypto market's 24-hour trading volume. The volume of all stable coins is $104.17 Billion, 81.48% of the total crypto market's 24-hour trading volume.

Bitcoin's price has decreased 13.7% from $42,000 last week to around $36,245 and Ether's price has decreased 24.80% from $3,185 last week to $2,395. Bitcoin's market cap is $687 Billion and the altcoin market cap is $943 Billion.

Risky assets across the world are witnessing a complete bloodbath and crypto markets have been the worst affected. Bitcoin and several major altcoins have dropped more than 50% from their respective all-time highs, indicating that panic has gripped traders. The total crypto market capitalisation dropped below $1.5 trillion on January 24, a 50% fall from its lofty highs of near $3 trillion in early November of last year.

After the decline, traders want to know whether the fall is over or more pain awaits in the next few weeks and months. Analyst John Roque of 22V Research said that Bitcoin historically falls about 78% from its highs during bear markets. If history is repeated, Bitcoin could plummet to about $15,000.

However, CNBC host Jim Cramer had a different view based on the chart's analysis by popular technician Tom DeMark. Cramer said that "Bitcoin and Ethereum could be looking at downside trend exhaustion bottoms this week." He also added that it "might be too late to sell and you need to consider buying. I know I am, especially if we get a final leg down," CNBC reported.

Percentage of Total Market Capitalization (Dominance)

Bitcoin	42.16%
Ethereum	17.57%
Tether	4.82%
BNB	3.67%
USD Coin	2.96%
Cardano	2.14%
XRP	1.75%
Solana	1.71%
Terra	1.58%
Dogecoin	1.10%
Others	20.55%

While a 50% crash in other assets usually takes a long time to bounce back, crypto has been an exception. Corrections in cryptocurrencies are sharp but so are the rebounds. One way to avoid panic during such corrective phases is to refrain from watching the price tick by tick.

In a recent interview with Bloomberg, MicroStrategy CEO Michael Saylor said that "to invest in bitcoin a short time horizon is four years, a [medium] time horizon is ten years. The right time horizon is forever." Saylor said he was not worried about the so-called crypto winter and was likely to "buy more."

ONINO

The **multi-purpose** cross chain metadata **registry**

A layer-1 information storage solution that connects to any wallet. The simplest solution for your web 3.0 identity.

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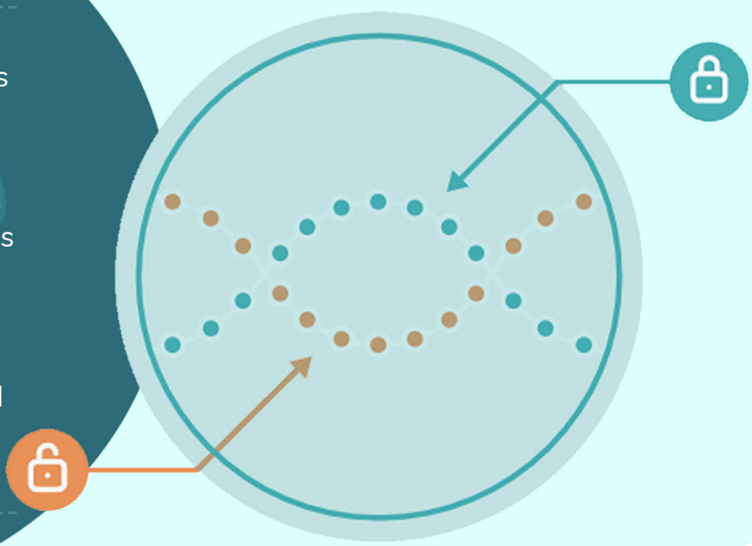
Dual-Chain Architecture

ONINOs approach to store personal data in a decentralized way and guarantee data security is our so-called Dual-Chain Architecture.

The public Main Chain will process transactions, run applications, operate as an index and serve as the regulating point of entry into **ONINO's** data space.

The so-called Data Chain will be a decentralized network that is non-scrapable as well as encrypted.



Be the First to join

Be amongst the first to join the **ONINO Network** and benefit from the best conditions!

Polygon Wallet   **BSC** Wallet   **ETH** Wallet

ONINO Wallet: Interface to the chain

dApps of **ONINO** and dApps of community devs can connect and request identity data for various use cases.

CRYPTO TRADE OPPORTUNITIES

Bitcoin attempted a recovery on January 20 but could not rally above the overhead resistance at £32,382.23. This may have attracted selling from traders which pulled the price below the critical support of £29,000 on January 21.

The sharp fall of the past few days sent the relative strength index (RSI) near to 20 levels indicating that the selling had been overdone in the short term. Usually, deeply oversold levels are followed by a minor relief rally or consolidation.

The BTC/GBP pair could rise to the breakdown level at £29,000 where the bears may again mount a strong resistance.

If the price turns down from this level, it will suggest that sentiment remains negative and traders are selling near overhead resistance levels. The bears will then make one more attempt to resume the downtrend.

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Conversely, if bulls drive and sustain the price above £29,000, it will suggest that the markets have rejected the lower levels. The pair could then attempt a rally to the 50-day simple moving average (SMA).

The pair could soon bottom out but we would wait for the price to sustain above £29,000 before recommending fresh long positions.

Previous Analysis...

BITCOIN - BTC/GBP

Ether plunged below the £2,165 to £2,000 support zone on January 21, indicating the resumption of the downtrend. The ETH/GBP pair dropped to £1,603 on January 24 where buying emerged as seen from the long tail on the day's candlestick.

The buyers will now attempt to start a recovery which could reach the downtrend line. This level could again act as a strong resistance.

If the price turns down from the downtrend line, it will suggest that sentiment remains negative and traders are selling on rallies. The bears will then try to resume the downtrend by pulling the price below £1,600. If they succeed, the pair could start its journey toward £1,200.

This negative view will invalidate if the price breaks and sustains above the downtrend line. Such a move will indicate a possible change in trend. We will wait for the price to break above the downtrend line before recommending a buy in it.

Previous Analysis...

ETHEREUM - ETH/GBP

XRP turned down and broke below the strong support of £0.51 and the December 4 intraday low of £0.46 on January 21. This indicated the resumption of the downtrend.

The bulls have been defending the £0.40 support for the past few days but have not been able to achieve a strong rebound off it. This suggests a lack of aggressive buying at higher levels.

If bears sink the price below £0.40, the XRP/GBP pair could plummet to £0.36 and later to £0.30.

On the upside, a break and close above the psychological level at £0.51 will be the first sign that markets have rejected the lower levels. A trend change may be signalled on a break and close above the 200-day SMA.

Previous Analysis...

RIPPLE - XRP/GBP

Cardano turned down from £1.20 on January 18 and plunged below the 50-day SMA on January 19. The bulls tried to push the price back above the 50-day SMA on January 20 but failed.

This may have attracted aggressive selling by the bears and profit-booking by short-term bulls. The ADA/GBP pair continued its downward move and declined to £0.68 on January 22.

The bulls are attempting to defend the zone between £0.70 and £0.68 but have failed to achieve a meaningful bounce off it. This indicates a lack of demand at higher levels.

If the price sustains above £0.86, the pair could rally to the 50-day SMA. A break and close above this resistance will suggest that the selling pressure is reducing.

Conversely, a break and close below the support zone could result in panic selling and the pair may drop to the psychological support at £0.50.

Previous Analysis...

CARDANO - ADA/GBP

Binance Coin broke and closed below the 200-day SMA on January 20. That was followed by another sharp fall on January 21 which pulled the price below the psychological support at £300.

The BNB/GBP pair dropped close to the strong support at £247 on January 22 and the bulls have held the level since then. The bulls will have to push and sustain the price above £289 to signal the start of a sustained recovery.

A break and close above the downtrend line will be the first sign of a possible change in trend.

Alternatively, if the price turns down and breaks below £247, it will suggest the resumption of the downtrend. The pair could then plummet to the psychological level at £200 and later to £183.

Previous Analysis...

BINANCE - BNB/GBP

MELD Protocol to integrate with the EGX Token (Enegra), Allowing EGX Holders to Borrow Crypto and Fiat Currencies.

SINGAPORE and KUALA LUMPUR, MALAYSIA – MELD (Singapore) today announced it has been working with Enegra Group Ltd. (Kuala Lumpur) to create a unique DeFi application based on a credit security token market for borrowing fiat and cryptocurrencies against security tokens. Through this, EGX token holders will be able to use their EGX tokens on the MELD protocol as collateral to borrow both fiat and cryptocurrencies.

EGX token holders can provide liquidity into MELD's EGX lending markets and investors are able to purchase EGX through https://big.one. EGX holders will be able to lend their EGX tokens as collateral using the MELD protocol and borrow assets such as ADA, mETH, mBTC, and even fiat currencies such as USD and EUR.

Integration of the MELD protocol into the Enegra ecosystem will be able to leverage the value of up to $13B US, resulting in lending and borrowing opportunities for those who want to earn interest on their latent crypto or fiat currencies.

To achieve this, Enegra will be providing access to their Polygon-based EGX token to be wrapped on the Cardano Blockchain and used as collateral on the MELD protocol. As such, MELD will support the EGX token and its permissioned state across the ADAmatic bridge.

Matthew Averay, Managing Director & CEO at Enegra commented: "Enegra tokenized its equity (EGX security tokens) to improve liquidity. Consistent with this aim, more recently, we migrated EGX to the Polygon blockchain, to enable faster and cheaper transaction costs and we also successfully listed EGX on the BigOne Exchange — the first of a number of planned exchange listings. We are now excited to work with MELD to enable EGX holders to take advantage of a DeFi credit market ecosystem for EGX borrowing and lending. This is a great outcome for EGX token holders as we continue to drive liquidity pathways for them."

Ken Olling, CEO and Co-Founder at MELD added: "As Cardano is a growing ecosystem and as the maturity of blockchains increases, the need for bridges to other chains becomes more important and expected by users. We believe that the Polygon technology is aligned with our priorities and the technical priorities of the Cardano blockchain providing low transaction latency and low transaction fees while still maintaining a high degree of security. The capital efficiency that Polygon offers is essential to building in the DeFi space. Cardano and Ethereum are the two largest smart contract enabled layer one blockchains with a combined market cap of 450 billion dollars in liquidity. MELD believes this liquidity should be able to be deployed anywhere and not limited to one single blockchain. Additionally, as DeFi grows on both Ethereum and Cardano, capital efficiency will become more and more important to protocols operating on these blockchains. We believe the best way to reach the goals of capital-efficient application of liquidity across multiple blockchains can be achieved by building a Polygon bridge between Cardano and Polygon."

About MELD:

MELD (Singapore) focuses on decentralized finance (DeFi), with the long-term goal of enabling more than 2 billion individuals – who are either underbanked or have no access to banking services whatsoever – to access tools and solutions built around leveraging cryptocurrency assets. Services offered by MELD include creating cryptocurrency-backed loans, earning an interest return for lending fiat to borrowers and participating in reward incentive programs. MELD enables an instant loan against cryptocurrency holdings at a competitive APR, or to receive a credit line and only pay interest on what you use. A world-class DeFi protocol using the Cardano platform, MELD uses smart contracts to ensure complete transparency and fairness for all parties including both minting and distribution of tokens. The company has currently raised $10M through an ISPO as of Q4 2021. For more details, visit www.meld.com.

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You should consult with a financial advisor, attorney or other professional to determine what may be best for your individual investment needs, as investing in cryptocurrencies, ICOs or tokens is highly speculative and the market is largely unregulated.

Hopefully, you have enjoyed today's article for further coverage please check out our Crypto Blog Page Thanks for reading! Have a fantastic day! Live from the Platinum Crypto Trading Floor.

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$ HNTR

DIGITAL ARMS – NFT TRADING PLATFORM

DIGITAL ARMS IS AN NFT TRADING PLATFORM AIMED AT FIREARM, GAMING AND HUNTING ENTHUSIASTS.
OUR ECOSYSTEM WILL HAVE THE HUNTER TOKEN ($HNTR) AT ITS CORE.

GLOBAL NFT LICENSING RIGHTS

With deep roots in the global hunting and firearm industries, Digital Arms has formed partnerships with internationally reputable firearm and accessory brands on the release of NFTs.

NFT GAMING INTEGRATION

Each NFT will have a unique identifier which will allow different pieces of software, such as video games and metaverses, to read the data and recreate firearms within their digital environment.

MERCHANTS

Merchants will be able to create their own stores within our platform and display their goods and services where they can choose to accept $HNTR on all or specified products. Further to this, merchants can pay a fee in $HNTR to promote their store or products, through non-invasive advertisements.

DIGITAL ARMORY

The Digital Armory is the hub for firearm enthusiasts and collectors. It is a space where our users can look through firearms of different models, brands and colors that are being sold, purchased, traded and upgraded.

- Purchase of newly issued digital firearms
- Purchase of newly issued digital accessories
- Purchase of digital skins (Dskins)
- Payments for digital reskinning
- Payments for accessory equipping
- The purchase of NFTs from other users
- The sale of NFTs to other users
- The ability to use gamification tools & features

0.5% of every transaction on the Digital Arms NFT platform will result in $HNTR token burn, reducing total circulation over time.

BUY HUNTER TOKEN

DIGITAL ARMS

There is a current gap in the firearm, gaming, and hunting industries in that there is no opportunity for the purchase, ownership and trade of digital firearms and accessories.

www.hunter-token.com

WHITEPAPER

ADVANCEMENTS IN THE CRYPTOCURRENCY WORLD

GRAYSCALE ADDS 25 DIGITAL ASSETS TO ITS 'UNDER CONSIDERATION' LIST, INCLUDING DEFI, METAVERSE PROJECTS

The updated list of cryptocurrencies includes Axie Infinity, Yield Guild Games and Algorand.

Grayscale Investments, which manages the Grayscale DeFi Fund and Grayscale Digital Large Cap Fund, has added 25 digital assets, including tokens for a number of high-profile DeFi and metaverse protocols, to a list it keeps of potential investments, the company said in a Monday blog posting.

Grayscale's additions to its list of "Assets Under Consideration" includes cryptocurrencies for DeFi projects Algorand (ALGO) and Convex (CVX) and metaverse startups The Sandbox (SAND), Axie Infinity (AXS) and Yield Guild Games (YGG). Grayscale updates this list periodically as well as the assets it already holds.

New York-based Grayscale is owned by Digital Currency Group, the parent company of CoinDesk.

In the posting, the firm said it viewed the additions as "possible candidates for inclusion in a future investment product," but also noted that "not every asset under consideration will be turned into one of our investment products" and that Grayscale might consider assets not currently on the list.

Earlier this month, Grayscale said that it had added amp (AMP) to a list of 23 other digital assets, including Bitcoin, Ethereum and Cardano, that it holds in its portfolio. AMP is the native token of the Flexa network, a payment network that enables crypto-collateralized payments at physical stores and online.

The leader in news and information on cryptocurrency, digital assets and the future of money, CoinDesk is a media outlet that strives for the highest journalistic standards and abides by a strict set of editorial policies.

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MINE Network

The First Multi-chain Hashrate Token Protocol

Tokenizing hashrate. Own real hashrate without owning mining equipment. Earn mining rewards in real time.

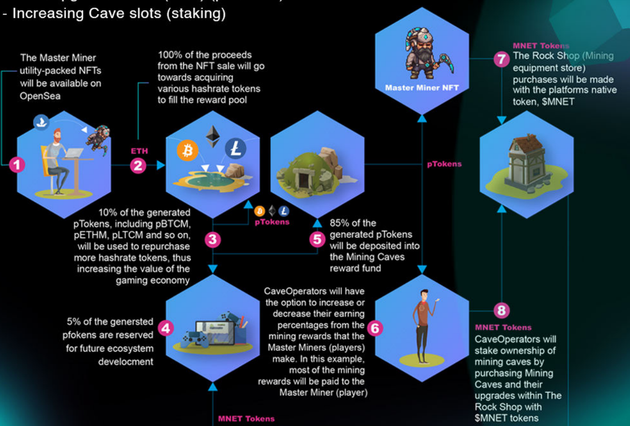
Whitepaper | One Pager | Marketing Deck | Project Wiki

The first mining Metaverse backed by real hashrates.

The MINEVerse, designed to serve as a secondary mining solution on top of MINE Network's Hashrate-based protocol, is an online multi-asset- driven metaverse game based on unique P2E and tactical elements as its core. The distinguishing feature of the MINEVerse lies in its unique synergistic relationship between 3 key ecosystem assets: MINE Network's utility token, $MNET, the hashrate rewards tokens, and the MASTER MINER NFT collection.

MNET + pToken Value Capture

Players need MNET Tokens for the following activities:
- MiningCave Deed (staking)
- Equipment upgrades (EUP) (purchase)
- Cave upgrade tickets (CUT) (purchase)
- Increasing Cave slots (staking)



Gamified Play-to-Earn Metaverse

The game will allow players to participate in two ways, first, by staking a pre-required amount of $MNET tokens to grant them ownership of Mining Caves. As a result, cave operators will earn a pre-set percentage of all mining rewards mined within their cave. A second way to participate is by owning a Master Miner NFT. The Master Miner Dwarf NFTs will serve as players' avatars when playing the game. Owning an NFT will allow holders to play as a miner and earn hashrate tokens as rewards.

Gamepaper

How MINE Network Works?

Standardization

MINE will set up the mining power standard for different mining projects, do that the mining power, whether it comes from MINE itself or other mining pools, could be dearly identified and toke-nized

pToken Issuance

pTokens will be issued when actual mining power is added to the mining pool on the MINE Network.

pToken Sale

After the pToken issuance, retail miners could buy the pTokens and stake them to earn mining rewards. Once the pTokens are staked, the retail miners will get Trans-ferable mTokens, which are 1:1 backed by the staked pTokens.

Mining Rewards Oracle

MINE Network will use sub-strate's OCW oracle function to monitor the output of each mining pool, to ensure open-ness and transparency for retail miners.

Multi-chain DeFi Integration of pTokens

MINE Network will do its best to make pTokens integrated into multi-chain DeFi proto-cols, to create sufficient li-quidity for miners.

Description: MINE Network is an innovative cross-chain mining Metaverse solution that seamlessly connects the worlds of DeFi, GameFi and NFT's into one consolidated, easy-to-use open-source protocol. For the first time ever, players, collectors, and miners alike can take advantage of a fully integrated hashrate-based environment devel-oped exclusively for effortless machineless mining. MINE Network provides a robust multi-chain infrastructure that caters to crypto enthusiasts worldwide by tokenizing real hashrates, cross-chain compatible assets, and bridging conventional mining with the GameFi space by way of its own unique Metaverse - the MINEverse.

- - - mine.network

Fantom is now the third largest DeFi chain by total value locked (TVL)

Fantom has usurped Binance Smart Chain and is now the third largest DeFi chain, with the rise of its TVL.

Binance Smart Chain (BSC) is no longer a top 3 decentralized finance (DeFi) chain by total value locked. According to available data from DeFiLlama, that distinction now belongs to Fantom which experienced an over 60% surge in the past two weeks.

Fantom TVL crosses $12 billion

Per DeFiLlama, Fantom's TVL crossed the $12 billion mark during the weekend despite the bearish nature of the entire crypto market. However, that figure has now dropped to $11.87 billion while that of BSC stands at $11.48 billion.

Fantom's run coincides with the crypto community becoming increasingly interested in shedding its dependence on Ethereum, due to its high transaction fees and scalability issues. Unlike most of its competitors, the new blockchain requires only one confirmation before a transaction is written into a block.

As of last year, Binance Smart Chain controlled over 20% of DeFi's TVL primarily due to the rise of PancakeSwap, a decentralized exchange (DEX) built on it.

However, that dominance has now dropped to around 6.05% due to the rise of other DeFi-enabled networks such as Solana, Terra, Avalanche, etc.

Read more...

There's a browser plugin that autoblocks Twitter NFT profile pictures

A popular Github contributor called mcclure built a browser plugin that autoblocks Twitter accounts using NFT profile pictures.

That was quick. Within 24 hours of the launch of the Twitter nonfungible token, or NFT, profile pictures for iOS update, a github contributor called mcclure has coded up and shared a browser extension that automatically blocks Twitter accounts using an NFT profile picture.

The program called NFTBlocker blocks paying subscribers of the Twitter Blue for iOS service who choose to display an NFT as their profile picture.

The extension works with Chrome and Firefox on desktop and while an early prototype, "future versions of this plugin will scan your notifications and do the blocking automatically."

But why would someone code up such an extension? According to mcclure's README, it's because NFTs are an "investment scam."

The web developer also recommends using the app Better TweetDek to block NFT profile picture users.

However, mcclure appears somewhat misinformed about the driving force behind Twitter's pivot to using NFTs. In the README section, Mcclure claims that Jack Dorsey "is invested in cryptocurrency and if Twitter makes NFTs more popular, Jack Dorsey will make money."

Read more...

The concept of borrowing and lending is nothing new in the financial market, especially in centralised finance. However, many individuals can relate to it from the fiat currency point of view. The good news is that crypto enthusiasts now have reason to invest more in cryptocurrency and crypto assets. Initially, many individuals have had the fear of venturing into the crypto sphere because of its volatility as well as due to fiat currency declining buying power. Therefore, there is a high risk involved in trading in cryptocurrency for fiat, especially during an emergency. For example, with the ongoing global pandemic, individuals and businesses are facing financial strain. As such, borrowing and lending is becoming a crucial yet sensitive matter.

Crypto investors can grab the opportunity of requesting for a MELD crypto loan. Gone are the days when crypto enthusiasts have to hold their assets up until price appreciates before they can earn returns. This is where crypto lending comes in handy. Investors can earn crypto dividends by lending their cryptocurrencies to borrowers. With the popularity of crypto as a payment method as well as an outstanding investment opportunity, many more are venturing into the crypto market. Things get better considering that investors can now obtain loans in fiat currency against their cryptocurrency. Due to the decentralised nature of MELD crypto loans, lending is no longer a slow, complex, or bureaucratic process. As one of the top projects on Cardano, MELD is a DeFi project that allows individuals to get an instant cash loan against their crypto asset(s).

With challenges such as capital inefficiency, inaccessibility to many individuals, and complex processes, the inclusion of MELD DeFi seeks to unlock such tools by allowing for the automation and security of borrowing processes. Crypto lending comes with the added advantage of simplified and faster processes, absence of geographic restrictions, low transaction fees, as well as attractive interest rates. Up until recently, crypto and fiat markets did not mix. Investors have a reason to smile as these two worlds (crypto and fiat) mix with the launch of MELD. MELD DeFi is built on the Cardano blockchain and governed by the MELD token.

Its key objective is to provide a safe, fast, and transparent set of tools to ensure that anyone can lend or borrow cryptocurrency and fiat currency without the consideration of geographical boundaries. The operations of MELD DeFi ensure seamless and accessible crypto collateralised loans with the help of MELD Smart Contract.

Important Announcement – $MELD will go live on exchanges on the 3rd of February.

The Idea Behind MELD

MELD, a Cardano-based banking protocol, is the first decentralised finance non-custodial banking protocol with the added advantage of securely lending and borrowing both fiat and cryptocurrencies, with a focus on the major currencies in each category. MELD seeks to address a number of concerns in the community to ensure that borrowing and lending is accessible to all, even those who do not have access to physical banking services. The birth of

MELD came to be based on solving the following concerns.

- Create an ecosystem empowering individuals to gain financial control

The more individuals get to know about cryptocurrencies, the more they venture into the investment. More individuals and institutions alike are amassing wealth in this industry. However, they experience limited liquidity in addition to difficulty in accessing fiat currency from their investment. Every investor expects to increase their portfolio as the crypto market grows. MELD is providing a solution to this concern by collateralising crypto assets with the ability to unlock up to 50% of these assets' value and given to the investor in the form of a fiat loan, thus promoting capital efficiency.Confirmed from a tweet, on MELD's official Twitter account, individuals are requested to break on through to the other side and be their own bank.

- Provide financial services to everyone, eliminating geographical boundaries

It is evident that centralised financial services are not accessible to the majority of the population. It is therefore important that everyone has access, including those in regions who are finding it difficult to access brick and mortar financial services.

- Allow for the access of cash from crypto investments

Initially, investors had to trade their crypto if they were to access their investment in form of fiat currency. This process incurs capital gains tax, which leaves the process expensive. MELD brought about the idea of crypto collateralised loans to tackle this mentioned concern for crypto investors. This type of loan does not realise capital gains. In addition, investors can still benefit from gains obtained from his or her crypto investment. The key objective was to provide a more affordable financial solution that is tax efficient.

- To ease conversion of crypto assets into fiat currency

The cryptocurrency market has gained popularity as more individuals venture into the field. Market participants, including institutions, miners, and businesses, face challenges when it comes to converting crypto assets into fiat currency. This conversion is challenging because fiat currency declines in buying power while at the same time converting the crypto to fiat attracts capital gains tax. To place a level playing field for both fiat and crypto lending, MELD offers crypto-backed loans in both denominations, while upholding to competitive market interest rates.

To achieve this objective, individuals collateralise their cryptocurrency in the MELD App, which will in turn allow them to borrow fiat currency. MELD's main idea is to make finance services more affordable without considering geographical locations.

Understanding MELD Model

The MELD business model seeks to lend fiat currency from fiat lenders to borrowers, who collateralise individual cryptocurrency in a MELD smart contract. This business model allows a lender to receive a high interest rate, whereas the borrower maintains his or her crypto while maintaining the ability to grow it. MELD will stake the collateral in community-managed liquidity pools to obtain revenue. The revenue is divided into half, 50% to MELD and the other 50% goes to MELD token holders. The MELD model comprises of fiat liquidity lending, crypto collateral, fiat borrowing, MELD vaults, loan repayment, crypto collateral returned, and fiat liquidity returned.

The model includes fiat liquidity providers who lend fiat to the MELD protocol. This process is completed through the MELD App and it comes with the added advantage of earning high interest returns. These returns are obtained from a number of sources including interest earned from borrowers, trading fees from MELDed assets, as well as from protocol rewards. According to the MELD Foundation legal framework, they are authorised to hold fiat, thus making it safe and secure.

Once the MELD protocol has sufficient fiat, crypto investors can now gain access to fiat loans against their crypto. Borrowers must deposit crypto to the MELD loan smart contract before they can request for a fiat loan, thus the reason this model features crypto collateral. With fiat currency and crypto collateral in place, fiat borrowing can now take place.

The MELD protocol offers two fiat borrowing services; namely, crypto-backed loans and a line of credit to access a fiat loan. To borrow, crypto owners need to deposit 200% of the fiat loan they wish to apply. For example: if you wish to borrow $10,000 fiat, then you are required to deposit cryptocurrency that has the value of at least $20,000 as of the time you are applying for the loan. Once the process is complete, crypto-backed loan borrowers will receive their fiat loan via wire transfer into their account. Line of credit borrowers access their cash through a MELD debit card.

Every time a user deposits crypto and it is locked in a smart contract, it is placed in its respective token pool. Each pool comes with the advantage of earning yields through trading fees APY from external DEX routers. Why is this necessary, you may ask? The MELD protocol through its MELD vault has integrated impermanent loss protection for all crypto depositors, meaning that all investments are safe and secure.

As part of the MELD business model, the MELD token provides the utility function. As a utility function, users can pay for transactions on the protocol. Alternatively, users may choose to stake MELD, which will earn them APY as rewards.

The terms of loan repayment work the same, whereby the borrower is expected to pay back the principal and the interest on a monthly basis until the full amount is settled. After completion of the loan repayment, crypto collateral is unlocked, after which it is withdrawn from the liquidity pool and deposited into the owner's wallet.

The fundamentals of the MELD model are simple to enable every crypto investor to access fiat currency when the need arises without necessarily having to trade their crypto. In addition, crypto owners do not have to forego their keys to obtain fiat loans against their crypto..

How MELD Provides Cash For Crypto

MELD offers lending and borrowing with both cryptocurrency and fiat with the objective of promoting innovation for greater capital efficiency to meet the demands and needs of DeFi customers. MELD's initial service was to provide crypto assets from other main blockchain networks that are within the Cardano network. Although Cardano offers a number of projects, MELD remains one of the top projects on Cardano, despite its recent entry into the market. This strategy is the reason MELD is able to enable liquidity, thus use it in borrowing and lending. Since MELD's inception, they are looking into partnerships with already established DeFi protocols to provide relevant products and services. The key objective of MELD is to provide crypto-backed loans. You are wondering how MELD provides cash for crypto. This process is not complicated and with the following steps, you will be able to receive your fiat loan against your cryptocurrency.

- Deposit your crypto to MELD

The first step would be for an individual to make a deposit of their cryptocurrency to MELD, which will act as collateral. Using the crypto deposit, the protocol will create a Collateralised Debt Position (CDP). The MELD App allows users to directly manage their CDP.

- Register terms of the loan

Tied to a smart contract, the terms of the MELD crypto loan are registered on the blockchain. This automates the process, making it transparent, fast, and easy. A contract is therefore executed when predetermined terms and conditions are met by the individual seeking to borrow fiat against his or her crypto.

- Complete KYC

Know Your Customer (KYC) plays a key role in understanding MELD customers with the objective of preventing money laundering and tax evasion alongside other illegal activities. This improves security as well as opens up new opportunities for a broader use and adoption of crypto assets. The KYC process is brief, allowing you to obtain your fiat loan fast. Under the MELD Foundation legal framework, KYC procedures must be performed to verify users. The MELD Foundation will complete this process to verify a user's identity before withdrawing, depositing, or even paying loan interest.

- Transfer money to your account

The last step would be to transfer funds (in fiat currency) to your bank account. There are key factors to put into consideration when considering a fiat loan on your crypto. All loans are issued at a Loan to Value (LTV) ratio of 50%. In the event the LTV stays above the 50% for more than three days consecutively, the protocol will call for a margin call in which the customer provides added collateral to ensure the loan remains at the 50% LTV.

Customers need to take advantage of obtaining a more capital-efficient CDP in comparison to its competitors currently in the market because of its protocol's autonomous and transparent nature. Gone are the days when you had to wait to receive your loan because MELD processes all loans in seconds and executes a smart contract instantly.

What Are Other MELD Products For Retail Investors?

The most popular MELD product for retail investors that is creating a buzz in the finance market is the crypto-backed loans. However, MELD offers other products ideal for retail investors. These products include:

- Genius self-repaying loan

The reason this product is termed “genius” is because the loan is self-repaying. The customer will collateralise their crypto. The difference between this product and the main product is that, the genius loan incurs a slightly higher interest rate. However, it is important for customers to know that they only get to service the interest and not principle. The principle is paid from part of the yields that are generated by the collateral. This unique product is only available through DeFi’s decentralised nature.

- Crypto-backed line of credit

The Crypto-backed Credit Line (CBCL) product helps customers to manage fiat cash requirements while at the same time being exposed to interest on the amount of fiat used by the customer.

- MELD debit card

MELD seeks to provide financial control for everyone by unlocking the value of their crypto to obtain fiat currency. With this debit card, individuals can spend the obtained fiat currency in any outlet that accepts VISA/MasterCard. You can now invest in crypto and still be able to spend in outlets that require fiat currency without several demanding processes that require converting crypto to fiat, be it from an exchange or bank accounts. You can buy goods and services without necessarily converting your crypto into fiat.

- MELD App

With the advancement in technology, more and more institutions are moving towards providing their consumers with a user-friendly app to ease all processes. The MELD App eases the process of borrowing and lending fiat. It comes with an easy-to-use interface for simplified maneuverability. With a simple click on an icon, users have the ability to link their crypto assets to different wallets and blockchains. The app is compatible with iOS, Android, and Chrome Extensions.

- MELDed Assets

MELD uses the Cardano blockchain and it is on this infrastructure that users can wrap assets from other blockchain networks such as ETH and BNB. Although the initial focus was on ETH and BNB, it is expected to cover other ERC20 and BEP20 tokens. All MELDed assets will come with a unique naming, and while they will remain relevant in the Cardano blockchain, they will retain their value as in their original blockchain. This product makes it easier to trade and store assets in Cardano wallets.

Hype or Utility?

MELD is seeking to serve the wider mass market in the crypto sphere by providing borrowing solutions to consumers who wish to access fiat in relation to the value locked within their cryptocurrencies. Cryptocurrencies are less liquid as compared to fiat currency, making it a major concern for crypto investors every time they need to purchase goods or services or obtain a loan. MELD is seeking to provide a solution to this problem by allowing crypto investors to borrow and lend fiat against the value of their crypto.

During the inception of MELD, many in the financial industry addressed its idea as hype but it has proven to be more of a utility in both centralised and decentralised markets. The products and services offered by MELD serve a functional use, offering a state of profitability. The MELD protocol is also beneficial and useful to a wider target market. Understanding its functionality highlights its importance.

Before we can have a look at its business benefits, it is important to note that MELD is keen to meet its Corporate Social Responsibility (CSR). MELD has already contributed to Cardano’s global tree challenge. This venture is not only a financial benefit to investors but also to the community. Ken Olling, MELD’s CEO, stated:

“We’ve had an amazing community be built up, have grown the awareness of new fundraising models, and have attracted thousands of new users into the Cardano ecosystem because of it and we can’t thank you guys enough for all your continued support and effort towards MELD! This is only the beginning."

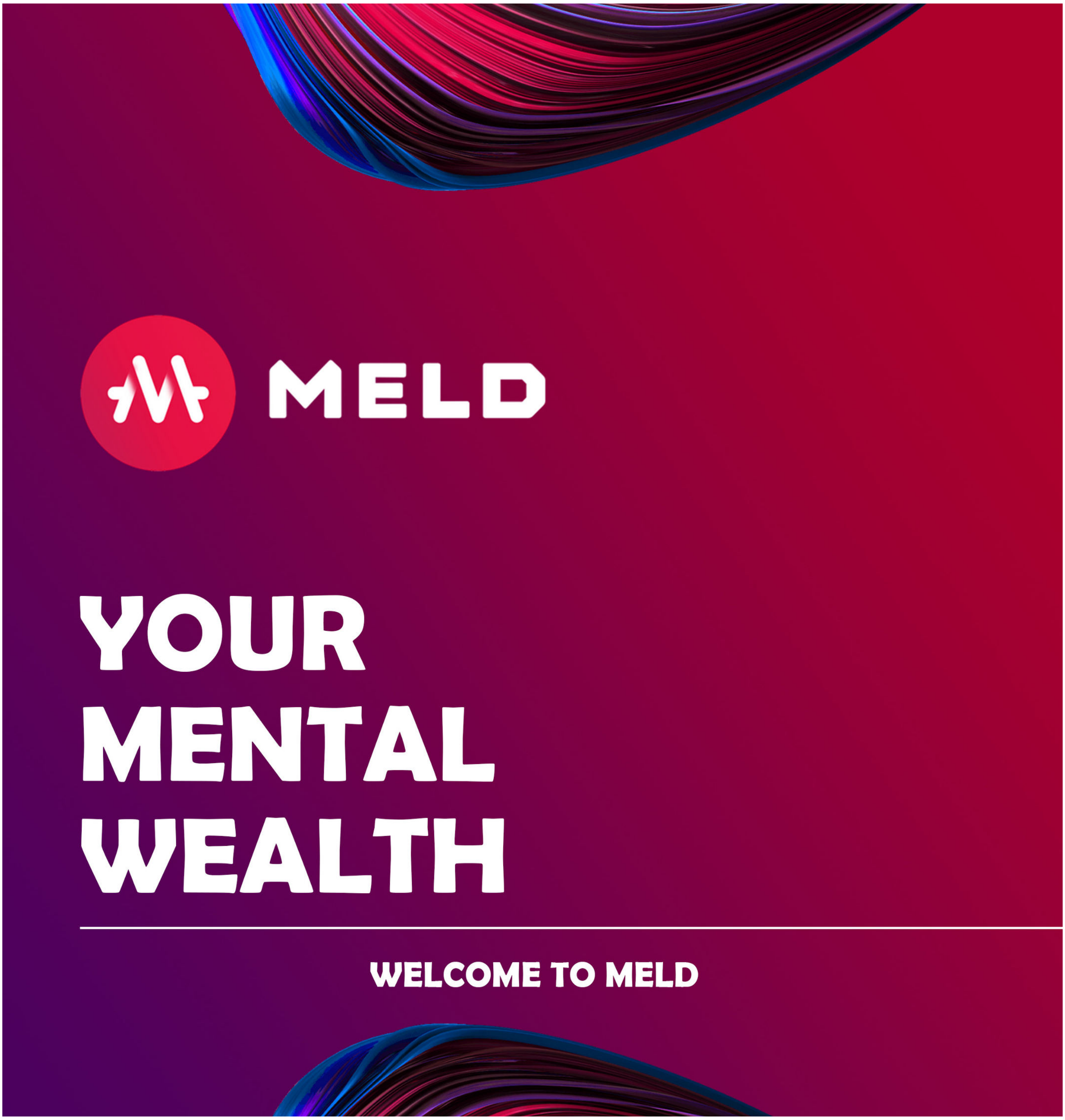
The MELD commitment to the DeFi space contributes towards MELD’s added advantage because it is trustless, decentralised, and non-custodial. Currently in the market, MELD is the only DeFi protocol that offers fiat loans from crypto-backed collateral.

Thanks to the Cardano staking mechanism, MELD shed some light on its Initial Stakepool Offering (ISPO). An ISPO allows investors and early adopters to support a project through public stake pools in exchange for the project's tokens. During the first ever MELD ISPO, which was concluded on December the 8th, participants staked close to 620 million ADA. This shows that more people are willing to support crypto-related projects. Individuals can benefit from the $MELD rewards.

It was in relation to the end of the ISPO that MELD and it's delegators were able to support Veritree and Cardano's Global Impact Challenge. By deciding to leave the ISPO pools open for an extra epoch this then generated 87.500 ADA which then translated into 175.000 trees planted.

Conclusion

It is important that everyone gains control of their financial lives, while at the same time having equal access to financial tools and instruments that even professionals use. MELD will serve the larger mass market by not only addressing the needs of centralised institutions but also those who are still unbanked for different reasons. MELD remains a top project on Cardano with the ability to offer fiat loans against crypto without giving up their keys. The MELD model is simplified to ensure easy access to individuals, while at the same time allowing investors to retain their crypto investment.



Russia's Central Bank to Ban on Crypto Mining and Trading

Russia, one of the world's most crypto influential nations, announced its intentions to regulate these digital currencies. The Russian Central Bank recently proposed a ban on crypto mining and trading within its borders. Citing threats that could affect financial stability and citizens' wellbeing.

The global cryptocurrency craze has gone too far. Governments are getting scared of how privately operated and highly volatile digital currencies could challenge their control over financial systems with all those crazy price fluctuations from Asia to America.

Russia has long opposed cryptocurrencies, arguing that one could use them for money laundering or finance terrorism. So in 2020, Russia gave legal status to these currencies but banned their use as payment methods. The action was that the Russian ruble couldn't keep up with inflation rates at this time (around 13%).

The Central Bank of Russia has issued a report warning about the risks associated with cryptocurrency speculation. The bank's concerns focus on potentially overheating markets and citizens. Additionally, potential bubbles in crypto could cause significant disruptions to financial stability worldwide.

The recent ban on cryptocurrencies in Russia, including exchanges, has made headlines. However, Crypto exchange Binance told Reuters it was committed to working with regulators and hoped that the report's release would spark a dialogue between central bank officials over protecting Russian cryptocurrency users' interests as well.

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$9.5 Trillion Asset Manager BlackRock Makes Big Move Into Crypto With Blockchain ETF Investment

Asset management titan BlackRock plans to launch an exchange traded fund (ETF) that focuses on companies at the forefront of blockchain technology.

According to a U.S. Securities and Exchange Commission (SEC) filing, the $9.5 trillion asset management firm is looking to create the iShares Blockchain and Tech ETF, which aims to track the NYSE FactSet Global Blockchain Technologies Index.

The index tracks the performance of stocks issued by firms involved in the "development, innovation and utilization of blockchain and crypto technologies." The fund plans to invest in companies focused on crypto mining, crypto trading and exchanges, and crypto mining systems.

The names of the firms included in the index have not been revealed.

The filing also reveals that the new fund plans to invest 80% of its assets into stocks that are included in the index, and 20% of its assets into futures, options, swap contracts and cash. According to the document, the fund will not invest directly in crypto assets or indirectly through crypto derivatives.

Last year, BlackRock chief executive Larry Fink changed his tune on digital assets as he said that they have the potential to become a "great asset class."

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Blockchain technology is getting tremendous traction in the world. Using this technology, we can connect people that the legacy telecoms networks haven't economically and sustainably. Here's how:

The Role of Blockchain in Telecoms

What is the first thing that comes into your mind when you think of blockchain? Bitcoin! That's where it started. Bitcoins were transferred through blockchain before other use cases of blockchains were imagined and developed. And now, blockchains are disrupting the way transactions are being processed all over the globe; users are being authenticated and payments are being executed. What started purely as a peer-to-peer network of digital cash has now laid the foundation for a technology that has the potential to disrupt how industries work.

Telecommunications are a central aspect of our daily life; we are always connected thanks to our phones and superfast networks. How the telephone connects people hasn't changed dramatically over the last 20 years, since the advent of the internet. Yes, a lot has changed and how we communicate through audio, video, and text over the internet. We consider the internet to be our basic right and we feel excluded and impaired if we don't have access to it. But does everyone around the globe have access to it?

Nearly 4 billion or almost half of the population of this world is not connected to the internet. This is a staggering number because most things are undergoing a digital transformation. Banks, healthcare, media, and many more are all connected to the internet. So basically, half of the world's population is just relying on the traditional network of these services.

Why is half of the world's population still not connected?

Governments around the world are committed to providing universal and affordable internet access to everyone by 2030. Large telecom companies have invested trillions of dollars in the last 20 years to connect the unconnected by using new technologies. However today, half of the world still doesn't have access to the internet. With the paradigm shift of most of the services moving online, these people lack access to basic services such as education, healthcare, commerce, or any form of digital service.

There are multiple flaws in the traditional telecom system that result in the inefficiency of operations. There are issues of transparency in the system, data privacy, immutability, settlement, and security. The current approach of mobile operators has meant that they have been unable to bridge the digital divide. A new study shows that some of the world's telecom companies are still lagging, inadequately informing users about how their data is collected and managed. According to the 2019 Ranking Digital Rights report, there were some improvements from previous years, but the problems persisted around the security concerns of user data, disclosures around policing online speech, and how much authorities request to block content or to hand over user data. This report surveyed around 24 of the world's biggest organisations dealing in social networks, data sharing, video and photo sharing, telecom services, and search engines.

Using blockchain in telecom can help solve the immutability problem, reducing fraud, and potentially preventing it. Blockchains even provide faster settlement and security, which traditional telecom systems simply failed to provide.

That's where World Mobile Chain comes into the picture; they address all the problems present in the current telecom industry. Their solution provides affordable connectivity in rural areas that is sustainable both in terms of economics and also in terms of the environment. World Mobile Chain uses blockchain and introduces a sharing economy.

How World Mobile is bringing connectivity to billions of people in Africa & beyond

World Mobile, which is designed around the sharing economy, aims to set up the world's largest mobile infrastructure. Their ecosystem offers solutions to the problems in the current business models, as well as affordable, universal, and fast connectivity.

African telcos have been in the midst of data transparency and security breach issues. In a continent where many nations either don't have or enforce comprehensive data safety laws, there are legitimate concerns about how consumers should and could be protected. Africa has the lowest internet penetration rates globally, but improved digital infrastructure and rising smartphone uptake have made the internet a rapidly transformative tool.

World Mobile is planning to deploy its solutions in Africa and other continents to connect the billions of people that are still unconnected. Through its blockchain network, which is built on Cardano blockchain infrastructure, it provides a sharing economy model which incentivises its operation.

They propose a solution whereby they are looking to address issues of the global network operators. The current telecom companies plan to reduce their operational expenditures by 60% at a CAGR of 0.21% between 2019-2026. The current telcos are consuming energy in the range of 20-40% of the operating cost of the network. World Mobile solutions provide a lower power-intensive architecture along with a solar and battery solution to significantly reduce these costs and energy consumption. Hence, this solution is affordable, sustainable, and scalable for the rural population.

This not only provides the basis for affordable network nodes but also reduces operational costs like security, leasing, and maintenance costs. This shared economy leads to a self-sustaining business model, since node operators run small networks to earn rewards.

How WMT Works

With more and more crypto projects gaining traction, new tokens and coins are emerging in the market regularly. Most of the crypto coins are coming with new methods to earn rewards for their participants. Methods such as staking and yield farming are becoming a norm at all exchanges.

World Mobile Token goes a step even further. World Mobile Token (WMT) is a digital utility token built on Cardano's blockchain. It is the primary currency of the World Mobile Chain infrastructure. The main purpose of WMT is to incentivise both token holders and the network participants that want to support the operation of the network by way of delegating their WMT stake to a node operator (stakers), along with the operators that operate their nodes.

WMT allows participants to provide various services on the network and also guarantees rewards for all the participants of the network. When token holders stake their tokens to run an EarthNode (operators) they earn WMT for securing the network, while AirNode (providers of the internet) operators will earn additional WMT for offering local services on the network. There is a limited supply of 2 billion WMT tokens, which will start circulating in a staggered manner. The transaction fee and the rewards for the node operators and participants would be denominated in WMT.

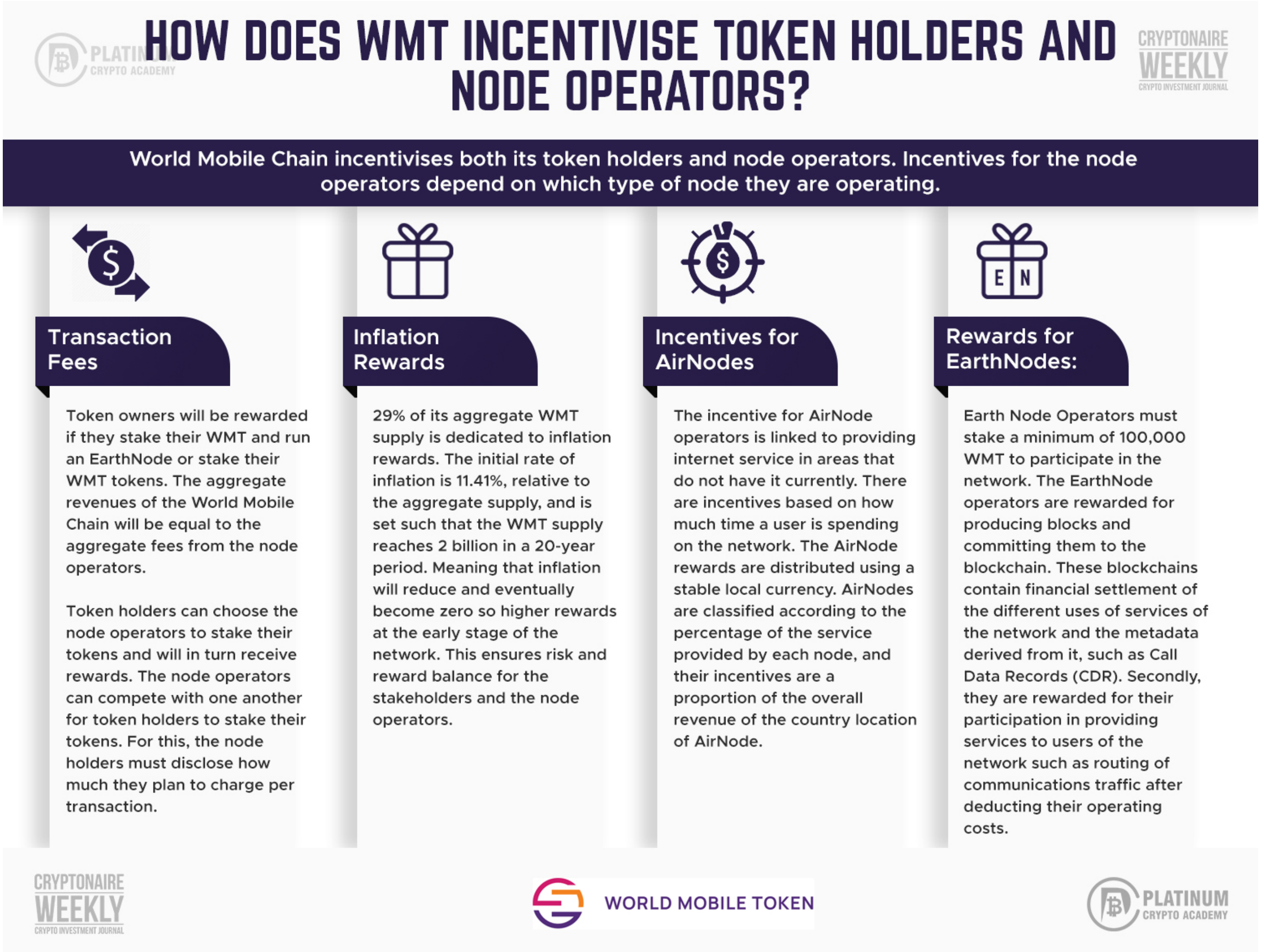
With altcoins creating a boom in the crypto market, WMT seems a viable investment with strong fundamentals. If you are a crypto investor or trader, you can buy WMT tokens and stake them to see your money grow!

How does WMT incentivise token holders and node operators?

World Mobile Chain incentivises both its token holders and node operators. Incentives for the node operators depend on which type of node they are operating.

Transaction Fees

Token owners will be rewarded if they stake their



WMT and run an EarthNode or stake their WMT tokens. The aggregate revenues of the World Mobile Chain will be equal to the aggregate fees from the node operators.

Token holders can choose the node operators to stake their tokens and will in turn receive rewards. The node operators can compete with one another for token holders to stake their tokens. For this, the node holders must disclose how much they plan to charge per transaction. It would be beneficial for the node operator if more token holders stake in the node. The higher staking in a node would lead to a higher probability of a potential reward.

Inflation Rewards:
29% of its aggregate WMT supply is dedicated to inflation rewards. The initial rate of inflation is 11.41%, relative to the aggregate supply, and is set such that the WMT supply reaches 2 billion in a 20-year period. Meaning that inflation will reduce and eventually become zero so higher rewards at the early stage of the network. This ensures risk and reward balance for the stakeholders and the node operators.

Incentives for AirNodes:
The incentive for AirNode operators is linked to providing internet service in areas that do not have it currently. There are incentives based on how much time a user is spending on the network. The AirNode rewards are distributed using a stable local currency. AirNodes are classified according to the percentage of the service provided by each node, and their incentives are a proportion of the overall revenue of the country location of AirNode.

The rewards for each AirNode on the network depend on several factors. Firstly, rewards are earned by providing a service – for providing access and reporting back the quality of adjacent nodes. Secondly, rewards are earned based on the volume of users and traffic that is processed by the node. Finally, extra rewards are earned based on the Quality of Service measured using the metrics, as defined under the Node Quality Grading System.

Rewards for EarthNodes:
Earth Node Operators must stake a minimum of 100,000 WMT to participate in the network. The EarthNode operators are rewarded for producing blocks and committing them to the blockchain.

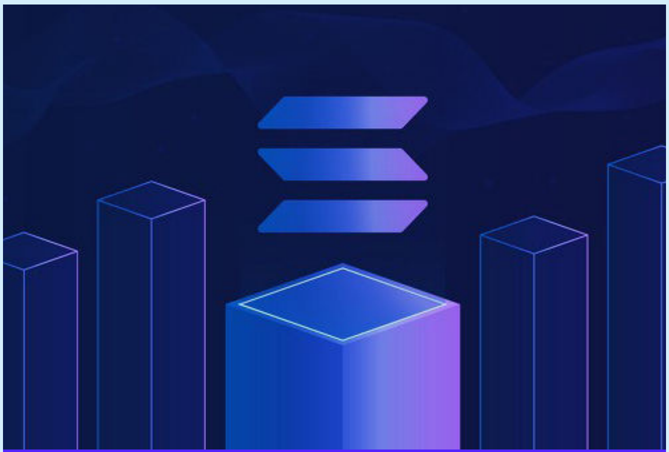
These blockchains contain financial settlement of the different uses of services of the network and the metadata derived from it, such as Call Data Records (CDR). Secondly, they are rewarded for their participation in providing services to users of the network such as routing of communications traffic after deducting their operating costs. Nodes providing the routing of the call consists of two key nodes: origin node and destination node.

These two are performing additional work in the routing, as they are the ones responsible for voice encoding and decoding. The result is that all the nodes will be equally rewarded using the fee extracted from the user's consumption of the service, except for those two, which will have a higher reward.

Conclusion

Needless to say, blockchain is here to stay, and we can see the rapid adoption and deployment of this tech by various industries. In this new era, everyone must have access to new and better communication technology. The internet is a basic human right, and anyone who has access to the internet will have the ability to connect online and gain access to digital banking, healthcare, education, commerce, and much more. Blockchain can be a game-changer in making the internet accessible for everyone and make everyone connected.

World Mobile Chain aims to connect the unconnected



Solana User Experience 'Not What It Should Be', Says Co-Founder as Network Struggles

The rising blockchain network is experiencing "growing pains" amid degraded performance, says co-founder Anatoly Yakovenko. SOL's price is down 42% in a week.

In brief
Solana has seen degraded performance in recent days, including sluggish and failing transactions.

Solana Labs CEO and co-founder Anatoly Yakovenko acknowledged "growing pains" as increasingly complex transactions affect the network.

While the Solana network hasn't experienced a full outage since September's extended downtime, it hasn't exactly been smooth sailing the last few months for the rising layer-1 blockchain. Following recent network performance issues, Solana Labs co-founder and CEO Anatoly Yakovenko has detailed the platform's "growing pains" as it scales to meet demand.

Late last week and into the weekend, Solana users took to social media and Discord to complain of frequent issues. Transactions on the network were getting stalled, often taking considerably longer than normal to complete or outright failing as the network struggled to maintain its typical throughput level measured in transactions per second (TPS).

In a statement shared with Decrypt this morning, Yakovenko wrote that the mark has reached a recent average of 800 TPS, down from the typical mean above 3,000 TPS.

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Goldman Sachs Sees the Metaverse as $8 Trillion Opportunity

Global investment bank Goldman Sachs has predicted that the metaverse could be an $8 trillion opportunity. Several others have similarly predicted that the metaverse is a multitrillion-dollar market.

Goldman Sachs Says the Metaverse Could Be an $8 Trillion Opportunity

Global investment bank Goldman Sachs has predicted that the metaverse could be an $8 trillion opportunity. Goldman Sachs' analyst Eric Sheridan explained the bank's metaverse prediction in a recent "Exchanges at Goldman Sachs" episode, titled "Understanding the metaverse and web 3.0."

He was asked about the evolution of the metaverse ahead and how big the potential opportunity could be.

The analyst replied:

We think this could be as much as an $8 trillion opportunity on the revenue and monetization side.

"We look at the digital economy today, which is roughly about 20%, 25% of the global economy … We see the digital economy continuing to grow, and on top of that we see a virtual economy that will grow within and alongside this digital economy," the analyst described.

"That's how we came up with the number for various outcomes of anywhere from $2 trillion to $12 trillion, with $8 trillion at the midpoint of all potential outcomes," he clarified.

Several people have estimated the potential size of the metaverse.

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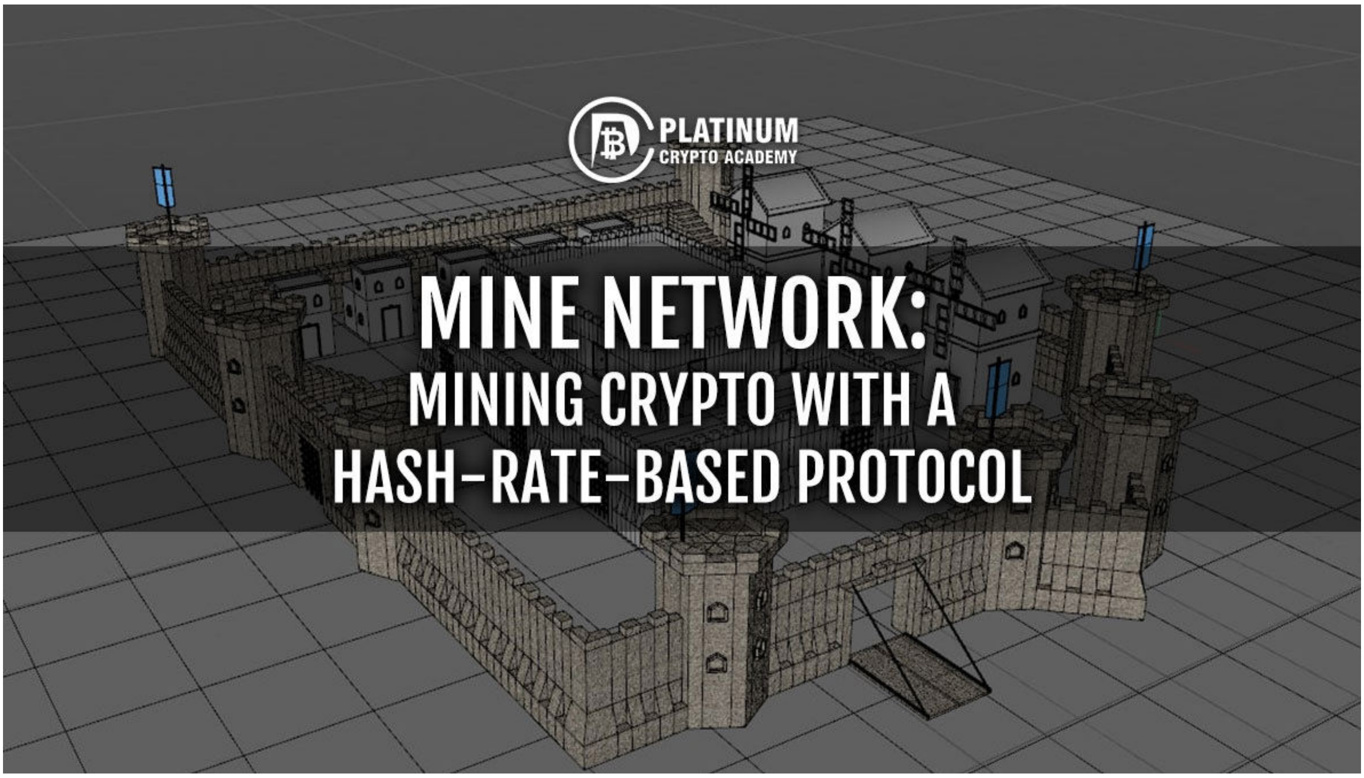


Introduction to MINE Network

MINE Network helps you own real hash-rates without owning mining equipment. It is the first hash-rate token protocol that addresses the liquidity issues miners face on multi-chains, thereby promoting the flow of cash in the mining industry. The network also lowers the barriers present to the entry of retail miners.

MINE Network issues pTokens that are standardized hash-rate tokens. This is done by tokenising the mining power from PoW based cryptocurrencies such as Litecoin, Ethereum, Filecoin, Bitcoin, and others. Each hash-rate token is a synthetic token that represents a fraction of mining power from a unique mining blockchain

The pTokens can be traded over CEXs or they can be integrated into single and cross-chain DeFi protocols. Doing this boosts the liquidity and cash flow for miners who are relying on **MINE Network** for tokenising their hash-rates. Staking the tokens also allows the individuals interested in mining to earn rewards without owning any mining equipment.

What is Hash-rate?

Hash-rate is a measure of the computational power per second when mining. In simpler terms, it indicates the speed of mining and is measured in units of hash/second. Machines with high hash power tend to be highly efficient and can process a huge volume of data in a second. As a result, each transaction over the cryptocurrency network is added to the blockchain or digital ledger.

Before any transaction data is recorded over the blockchain, the miners have to guess an alphanumeric code that represents the data from the transaction. Each hash over the network is random as well as complex. Hence, it requires significant energy to power these computers. Once the miners solve the hash, a new block is added to a blockchain. Also, a new digital currency unit is rewarded to the successful miners.

Bitcoin, Litecoin, Dogecoin, and Monero rely on the proof-of-work method to verify the transactions and manage the blockchain network. Ethereum also uses proof of work before switching to proof of stake. A proof of stake model does not rely on hashing algorithm to manage a cryptocurrency network. Instead, it relies on awarding computing power and earning rewards depending on how much of the crypto a miner owns.

What is the importance of Hash-rate?

Hash-rate is defined as the total combined computational power utilised for mining and processing the transactions on a Proof-of-Work blockchain, such as Bitcoin and Ethereum. A hash refers to a fixed-length alphanumeric code used for representing words, messages, and data of any length. Crypto projects use a variety of different hashing algorithms for creating different types of hash code. You can think of them as random word generators where each algorithm serves as a different system for generating random words.

The hash-rate is an important metric used for assessing the strength of a blockchain network and, more specifically, its security. This is because miners dedicate more machines to finding the next block, the higher the hash-rate rises and the tougher it becomes for malicious agents to disrupt the network.

As a blockchain network abides by a rule known as the "longest chain rule", a person or group that controls a majority of the **hash-rate** could in theory block or reorganize transactions and even reverse their own payments. This would create double spend issues and in turn, would completely undermine the integrity of the underlying blockchain. A fall in hash-rate would therefore imply the reduction in the cost to perform a 51% attack, making the network more vulnerable.

What is the purpose of hash-rate in mining networks?

The Bitcoin mining industry was worth 5 billion USD in 2020. If we consider other minable currencies, then the total value of the industry would exceed 10 billion USD. The segment is developing rapidly and also in value with time. However, some issues need to be addressed.

High requirements for newcomers – As the hash-rate of the entire network is already at a high level, it makes the pre-production capital investment appalling. This makes it difficult for small and medium-sized miners to survive. This issue keeps most individual miners out of the market who hope to obtain stable returns through mining. Mining equipment manufacturers leverage their position as monopolists in a market that is completely dominated by supply and demand. Quantities, prices, and delivery times of new mining machines depend heavily on the connection between the individual miner/mining farms and the manufacturer.

Liquidity problem
Most miners need to invest in mining machines that require a large sum of money. Moreover, those machines are hard to resell, and hence, the miners cannot enjoy sufficient cash flow. Sustainable cash flow management is crucial for any mining company's corporate culture so that they remain competitive in the future and hence, the **liquidity problem** needs to be addressed.

There are two major solutions for **liquidity problems**: centralized cloud mining pools and **hash-rate** tokens. The Mine Network will assist miners in liquefying their assets by issuing standard hash-rate tokens (pTokens), which could be traded anytime on DEXs, CEXs, or collateralized for borrowing USDT for fixing the **liquidity problem**. It encourages miners to stake their hash-rate tokens for earning mining rewards, which constrains the liquidity of their hash-rate tokens to a greater extent.

For solving the **liquidity problem**, the network would issue synthetic tokens referred to as the wTokens for the miners who have staked the issued pTokens into the network's contract for earning real-time mining rewards. The wTokens can also be used in different DeFi protocols for trading or issuing collaterals.

Standardisation problem
MINE Network protocol integrates an important function, which involves developing standards for different mining powers as well as the minimum standardized **hash-rate** unit. This is the only way through which the network pool can become a tokenized, open market, which is free to enter and exit.

Credibility
For solving credibility issues, the only legitimate way is to act as a fully transparent DAO. The degree of autonomy of the **MINE Network** DAO needs to be adjusted to the development stage, especially in the initial stages when both the business and product are immature. If it is fully community-driven, it would affect the development and also, the market opportunities will be missed. Therefore, the autonomy of the MINE Network DAO will continue to increase as the project matures.

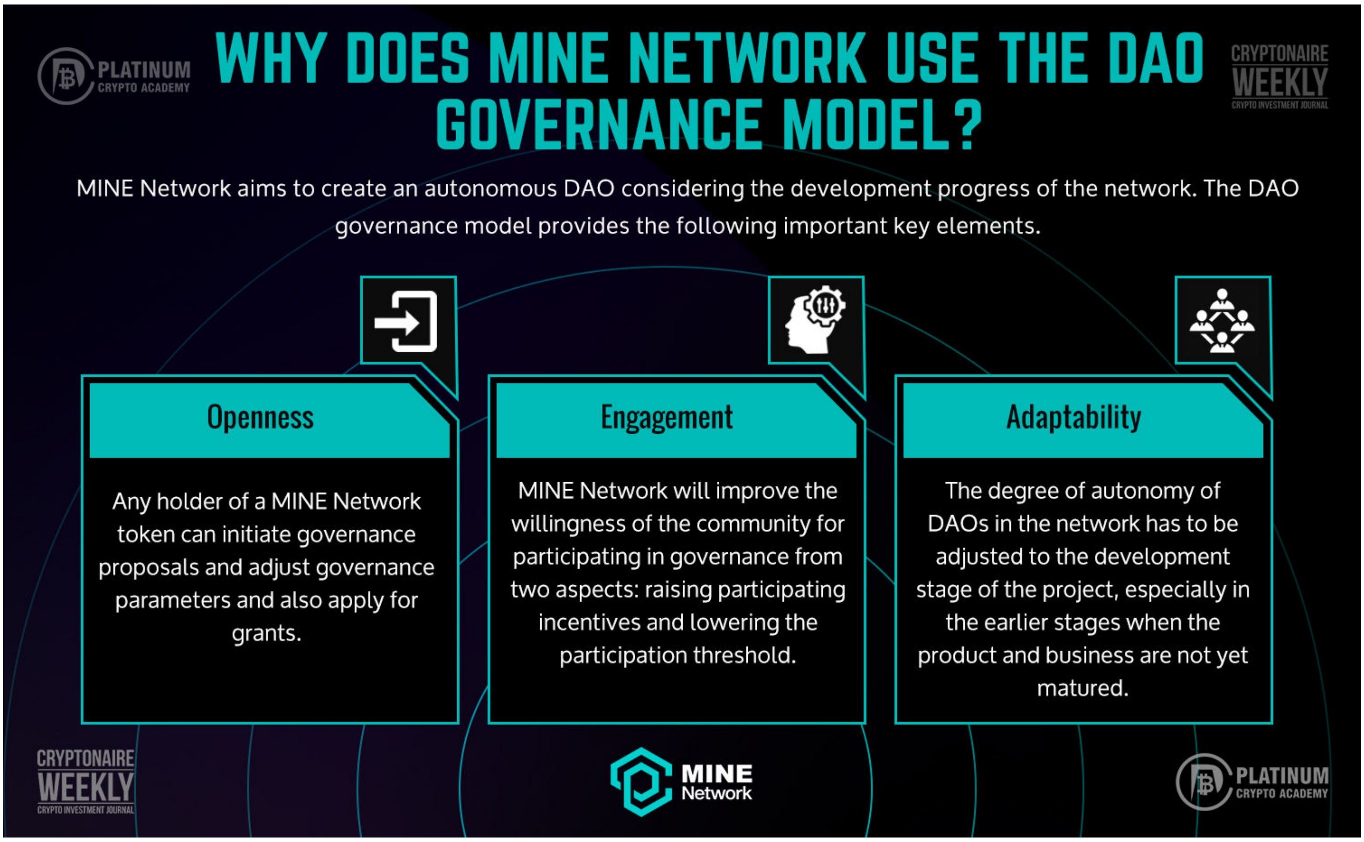
Get clean
Climate change and global warming have put increased pressure on finding a clean source of energy. The mining sector is also facing the heat and the experts are looking for ways to become climate neutral. MINE Network will give miners who utilize cleaner sources of energy a privilege for tokenizing their hash-rates. By doing this, the world would be a cleaner place. The network aims to create a fully decentralized mining pool, which is powered exclusively via renewable energy sources.

Why does MINE Network use the DAO Governance Model?

MINE Network aims to create an autonomous DAO considering the development progress of the network. The DAO governance model provides the following important key elements.

Openness – Any holder of a MINE Network token can initiate governance proposals and adjust governance parameters and also apply for grants.

Engagement – MINE Network will improve the willingness of the community for participating in governance from two aspects: raising participating incentives and lowering the participation threshold.



Adaptability – The degree of autonomy of DAOs in the network has to be adjusted to the development stage of the project, especially in the earlier stages when the product and business are not yet matured. If it is entirely community-driven, the development would be hindered, and also, the market opportunities will be missed. Hence, the autonomy of the network would continue to increase as the project matures. Eventually, it will end up becoming a decentralized protocol with complete autonomy.

DAO Governors
The network has 2N+1 **Mine Network** governors. N will be set to a fixed number and would be varied as and when the project develops. To become a DAO governor, you need to stake certain MNET tokens in the network and apply for them. The network DAO invites KOLs, auditing institutions, well-known mining pool leaders, and DeFi protocol founders to join the network DAO as governors.

Once you are a governor, you can participate in governance activities in the network, which include setting the standards for the pool, reviewing the qualifications for mining pool partners, and reviewing the operations and revenue data.

How does MINE Network risk Control System work?

As MINE network is responsible for managing mining pools, which is a unique domain, the pools may have to bear some of the following crypto risks.

- Equipment risks such as power blackout and damage to the mining machine
- Policy risk in the area where the mining pool is located
- Unexpected events such as natural calamities
- Any power policy that boosts the operating cost to an unacceptable level
- Any loopholes in the security in smart contracts

MINE Network aims to reduce the **crypto risk** in the following ways:

- Choosing a region that is mining-friendly and convenient for placing mining machines
- Choosing experienced mining pool operators and improving the maintenance of mining machines
- Locating mining pools to various spots for diversifying the risks
- Purchasing insured products for minimizing the risks
- Before smart contracts and blockchain are launched, audits are performed by several professional code security audit institutions

Liquidity risk
As hash-rate tokens are still in their infancy, the users need some time in adapting to the related applications and products. Hence, MINE Network may face the risk of insufficient liquidity of pTokens in the secondary market. If pTokens lack liquidity,

the network may not be able to solve the asset liquidity problem for the miners. It is imperative that the network tries to maintain the liquidity of pTokens. For ensuring liquidity in the secondary market, the network would adopt the following measures.

- Cooperate with the most popular centralized exchanges for facilitating the listing of pTokens
- Rolling out pToken-related trade pairs on decentralized exchanges
- The network will also participate in liquidity market-making of pTokens in the secondary market for maintaining the stability of the price of pTokens

MINE Network has taken all possible measures to keep **crypto risk** in check and implement everything to keep the network safe and secure for the miners.

Conclusion

MINE Network is an emerging blockchain project that is dedicated to revolutionizing the mining sector. The project aims to solve several plaguing issues over multiple blockchains that tend to impede miners. With leading-edge technological applications and a novel open-source system that incorporates the most popular aspect of cryptocurrencies like gaming, NFTs, and the metaverse. The standard hash-rate token protocol is poised to revolutionize the next wave of crypto mining that will transform the mining industry while taking care of **crypto risk** and **liquidity problems**. The decentralized mining system concept will also profit the miners in all ramifications and would also benefit the environment.

The network is dedicated to influencing the segment in a positive manner by providing all the necessary tools to the end-users so that they can easily implement their mining configurations without having to invest in expensive mining gear and spend on upgrades and maintenance. They can operate in a self-sustaining and highly credible ecosystem, as well as contribute to the adoption of clean energy in the mining sector.

UK newspaper unveils record breaking number of crypto ads, amid CBDC pushback

If regulating crypto wasn't hard enough, one particularly sticky area to navigate is the question of crypto ads and commercials. Across the Atlantic, this matter has been causing a row for quite some time. Now, new information has put the ethics of crypto advertisements under a brighter spotlight.

The numbers are bonkers

An investigation into crypto ads by the UK newspaper The Guardian showed that crypto companies both targeted Londoners and beat records with the number of ads they put up in public transportation zones.

The Guardian's report stated,

"Records obtained by the Guardian under the Freedom of Information Act show that TfL services displayed 39,560 crypto adverts from 13 firms in the six months between April and September 2021."

Some of these ads belonged to the crypto exchanges eToro, Crypto.com, and Luno, as well as a Musk-inspired meme coin.

Political leaders against the move stressed on the reckless investment choices that the ads might trigger. Some also wanted a ban on such advertisements, citing the appeal of unregulated crypto during a time of severe economic strain worldwide.

Something you should know

This is far from the UK's first encounter with crypto ads.

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Global NFT Sales Explode in Last 30 Days Despite Correction Across Crypto Markets

Global sales volume of non-fungible tokens (NFTs) is hitting new all-time highs despite the crypto market's latest sell-off.

According to NFT data aggregating site CryptoSlam, global sales of NFTs are breaking previous records with $8.6 billion worth of sales in January, shattering the previous high of $4.5 billion set in August.

New data from blockchain research platform Dune Analytics reveals that leading NFT marketplace OpenSea has also broken transaction records as well.

The data shows that OpenSea has so far sold about $4.74 billion worth of NFTs this month, already surpassing the previous sales record of $3.42 billion set in August. The number of monthly active traders on the platform also increased from 362,679 in December to 454,417 in January.

CryptoSlam also finds that Ethereum-based pixelated 3D avatar collection Meebits made the highest sales in the last 30 days coming in at $3.3 billion, up a staggering 34,856% over the same timeframe. It is followed by land art collection Terraforms, which made $2.02 billion and community-owned gaming platform Loot, which sold $731 million worth of NFTs.

Other top performing NFT-based crypto projects include Bored Ape Yacht Club ($243.99 million), Mutant Ape Yacht Club ($243/05 million), Axie Infinity ($155 million), and Doodles ($115 million).

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Hubble

Supercharge Your Liquidity On Solana

Mint USDH stablecoin at 0% interest against multiple types of collateral

About Hubble

Hubble is a fee-sharing decentralized finance (DeFi) protocol built on Solana that will offer multiple DeFi services as the protocol and DeFi continue to mature and expand. Hubble begins its DeFi journey in Phase 1 by offering zero-interest loans that can be collateralized by multiple assets including SOL, BTC, ETH, RAY, SRM, and FTT with other options for collateral deposits added as they are approved in the future.

Learn more

Stake HBB and Earn Protocol Fees

HBB can be staked on Hubble to earn fees from the protocol. In the future, HBB will be used to vote on improvement proposals as Hubble DAO's governance token. Staking HBB earns users 85% of the revenue Hubble Protocol generates from its services. This revenue will originally come from the 0.5% fee for minting USDH and the 0.5% fee for redeeming USDH for collateral. As the protocol expands, HBB stakers will be exposed to additional streams of revenue.

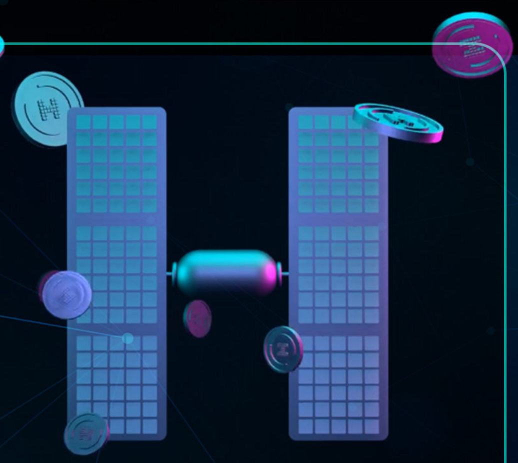
Learn more

USDH - Solana-native Stablecoin

USDH is 100% censorship resistant. It will be backed by only crypto assets such as BTC, SOL, ETC, etc. No fiat involved.

USDH is a crytpo-backed,100% decentralized, stablecoin native to solana. USDH is backed over 150% by a diverse basket of blue chip cryptos like BTC, ETH, and SOL, and USDH can be redeemed for these cryptos at a discount whenever USDH falls below its peg to USD. Conversely, USDH can be minted for a profit whenever it rises above peg, and these mechanisms help keep USDH tightly pegged 1:1 with USD.

Within Hubble Protocol, USDH has several use cases. First of all, USDH helps democratize liquidations. Users who deposit USDH into Hubble's Stability Pool can earn their fair share of liquidated assets from unhealthy borrows, and this adds up to receiving top crypto assets at a ~ 10% discount. Additionally, Stability Pool depositors earn HBB rewards for participating in the protocol.

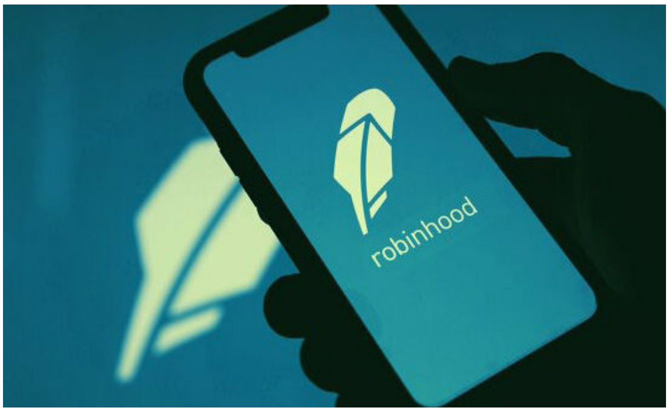


How to earn with USDH

By staking USDH, you'll be able to double-short the market. One by being in stablecoins and two by earning liquidation gains.

hubbleprotocol.io

Robinhood Launches Crypto Wallet Beta for Bitcoin, Ethereum and Dogecoin Transfers



The company has long promised the feature was coming.

For months, executives at trading app company Robinhood have been promising that cryptocurrency wallets were coming.

Today, they're finally here—well, for the first 1,000 people on the waitlist, that is.

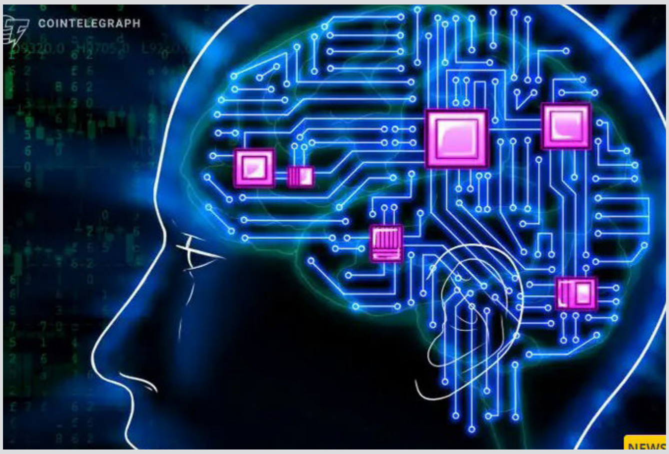
Robinhood announced today that its beta program has gone live, with plans to scale up to 10,000 users by March. According to a blog post, the wallets "will enable Robinhood customers to send and receive their crypto from Robinhood to external crypto wallets."

Until now, those who trade cryptocurrencies such as Bitcoin and Dogecoin via the app have been limited to buying and selling. Robinhood essentially held the cryptocurrency on their behalf, giving users exposure to price movements but not really exposure to a decentralized blockchain ecosytem where people control their own finances.

With the new functionality, wallet holders will be able to buy, say, Ethereum on Robinhood and transfer it to another wallet so they can swap assets on decentralized exchanges such as Uniswap or engage in any number of DeFi applications.

For this reason, Robinhood said the new feature will "fully connect Robinhood crypto holders to the greater blockchain ecosystem for the very first time."

Read more...



Meta unveils Metaverse AI supercomputer, claims it will be world's fastest

The social media giant said that the "AI Research SuperCluster" supercomputer is already operational, and it expects it will be fully completed around the middle of the year.

Facebook's parent company Meta says that its newly-created artificial intelligence (AI) "Research SuperCluster" (RSC) will "pave the way" towards building the Metaverse.

The social media giant said that it believes RSC is already one of the fastest supercomputers in the world and will snag the top spot when it's fully operational in mid-2022, according to a Jan, 24 blog post unveiling the hardware.

"Developing the next generation of advanced AI will require powerful new computers capable of quintillions of operations per second," wrote the company.

"Ultimately, the work done with RSC will pave the way toward building technologies for the next major computing platform — the metaverse, where AI-driven applications and products will play an important role."

CEO Mark Zuckerberg added in a Jan. 25 Facebook post

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ABOUT AITECH TOKEN

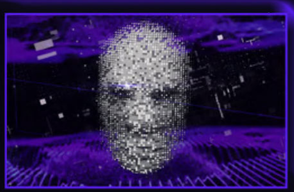
Solidus Ai Tech is introducing its ERC-20 token (AITECH) that allows its investors to stake their tokens and earn rewards. Government Authorities, Megacorps, SMEs and Professionals requiring AI services can access discounts on computing power supplied through our IaaS platform if they choose to utilise our AITECH token to purchase services.

Our mission is build solid community who will support us throughout our journey to success. Our community will be rewarded with the following:

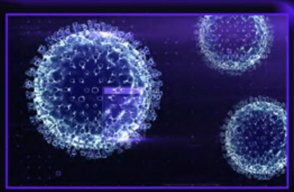
BUY AITECH

HERE ARE SOME USE-CASE EXAMPLES

MEDICINE



CYBERSECURITY



VITAL TASKS

TRANSPORTATION

GLOBAL NETWORK

We will implement the IaaS software platform as a global network of computer resources to match the demand for highperformance AI software services and encourage users to engage with the Solidus ecosystem. We will also leverage the developments in blockchain technology to employ computer power utilising AITECH tokens without the need for a centralised payment system.

Soft Galaxy International has a pending patent for an AI-based system for the support and command of crisis-response actions.

46% Bitcoin miners employ renewable energy sources to mine Bitcoin: BMC

A recent survey conducted by the Bitcoin Mining Council reported improved sustainable power metrics and usage of renewable energy resources while mining Bitcoin.

Bitcoin Mining Council (BMC), recently announced the results from its quarter fourth survey highlighting how Bitcoin mining is steadily adopting sustainable power usage. As per the latest Q4 survey report, the percentage of the global Bitcoin mining industry deploying renewable resources to mine Bitcoin has increased from 1% to a notable 58.5%.

Sustainable Bitcoin mining

The survey conducted by BMC considered three metrics, mainly sustainable power mix, technological efficiency, and electricity consumption. The fresh finds reported by BMC depict a stark improvement in the process of Bitcoin mining. As per the official data, nearly 46% of Bitcoin miners were using sustainable power sources to mine Bitcoin. The new report also observed that the hashrate of BMC participating members has also increased by 77% in Q4.

The Q4 data further revealed the total sustainable power mix used in mining cryptocurrency has increased to 66.1%, while Bitcoin mining technological efficiency has enhanced tremendously, demonstrating an improvement of 9% since the last Q3 survey report.

Michael Saylor, the founder, and CEO of Microstrategy and crucial member of Bitcoin Mining Council took to Twitter to announce the BMC Q4 survey findings.

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Biden Administration Preparing to Release Government-Wide Crypto Strategy

The Biden administration is reportedly drafting a government-wide cryptocurrency strategy as an executive order. The directive is expected to be presented to President Joe Biden in the coming weeks. The strategy could be released as soon as next month.

US Government-Wide Crypto Strategy

The Biden administration is reportedly preparing to release an initial government-wide strategy on digital assets, including cryptocurrencies. The strategy is being drafted as an executive order, Bloomberg reported Friday, citing people familiar with the matter, who revealed that senior administration officials have held multiple meetings on the plan.

The finalized executive order is expected to be on President Joe Biden's desk in the coming weeks, the publication conveyed, adding that the strategy could be released as soon as next month.

The directive will detail economic, regulatory, and national security challenges posed by cryptocurrencies. It will direct various federal agencies to weigh in with their assessments of crypto's risks and opportunities. They will be asked to submit reports of their findings in the second half of 2022.

For example, the Financial Stability Oversight Council will evaluate the possible systemic impacts of digital assets. Another report will determine illicit uses of cryptocurrencies.

The Biden administration is also expected to weigh in on the prospect of the Fed issuing a central bank digital currency (CBDC).

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Hacker Exploits OpenSea Bug That Undervalue NFTs To Buy And Flip Bored Apes

Scammers appear to be taking advantage of an OpenSea bug in order to purchase valuable NFTs at a considerably cheaper price than their current listing.

Several researchers and developers have detailed the ongoing problem, with some claiming that specific NFTs worth hundreds of thousands of dollars have been stolen by exploiting the platform's bug.

OpenSea Bug Opens Platform To Hack

According to reports, a fault in the front end of prominent nonfungible token (NFT) marketplace OpenSea has resulted in an exploit that allows users to acquire popular NFTs at their prior listing price. The issue appears to be prevalent with Bored Ape Yacht Club (BAYC) and Mutant Ape Yacht Club (MAYC) NFT collectibles, where the exploiter was able to purchase them for their original listing price and subsequently sell them for the current market price. BAYC #9991, BAYC #8924, and MAYC #4986 are among the affected NFTs.

The hack was brought to light after NFT collector "TBALLER" tweeted that their rare Bored Ape #9991 sold for a pittance of.77 ETH, or $1,775 early Monday morning.

The buyer, who goes by "jpegdegenlove," flipped the ape NFT almost immediately for 84.2 ETH, or roughly $200,000. The user has been able to flip about 332ETH ($754,000).

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Crypto is Happening Despite the Crash, Says Former Goldman Sachs CEO

Even though the digital asset market has plunged significantly, Blankfein stated that "crypto is happening."

The former Chief Executive Officer of Goldman Sachs – Lloyd Blankfein – opined that the ecosystem surrounding cryptocurrencies has evolved in the past year. As such, he raised hopes that the digital asset industry is "happening" despite the recent price crash.

Optimism During The Crash

The American banker who served as Goldman Sachs' CEO until 2018 has not always been kind to the cryptoverse. At the beginning of 2021, he questioned bitcoin's ability to be a store of value due to its massive volatility. He also touched upon private keys, saying they are confusing as people could easily lose them.

During his most recent interview with CNBC, though, Blankfein was more supportive. He

noted that 2021 had been a highly successful year, and bitcoin and the altcoins have attracted trillions of dollars. Even though most digital assets have been deep in red for the past couple of days, the 67-year-old American believes that "crypto is happening:"

"Look, my view of it is evolving. I can't predict the future, but I think it's a big thing to be able to predict the present, like, 'What is happening?' And I look at the crypto, and it is happening."

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AI TECH