Web3 Biweekly

17 February 2023 | AMTD Research



Brian Li brian.li@amtdgroup.com Eugene Chin eugene.chin@amtdgroup.com

Regulatory clouds form in the US



- In a seemingly urgent push for crypto regulation post-FTX, US regulators have in recent weeks charged and launched investigations into numerous crypto companies.
- In January, the SEC charged Gemini and Genesis with unregistered securities offering related to Gemini Earn, a crypto lending program for retail investors.
- Roughly a month later, the SEC charged Kraken with the offering of unregistered securities for its staking program. Kraken settled by paying a US\$30 million fine and shutting down its staking service in the US.
- Meanwhile, Paxos was hit by both the SEC and the New York Department of Financial Services. The SEC reportedly informed Paxos that it would be sued for violating investor protection laws, while the NYDFS ordered the firm to cease issuing BUSD stablecoin.
- Binance, which only started to consolidate stablecoins to BUSD late last year, announced that BUSD supply will only decrease over time and will move away from using BUSD as the main trading pair.

Contents

Market Performance Prices, Valuation, and Exchange Flows

Sector Updates

а

h

С

C

Blockchains & CeFi — Prices of Bitcoin inscriptions soar, Ethereum DEX users back to 2022 high
Stablecoins — Paxos ordered to stop issuing BUSD, Moody's working on stablecoin scoring system
 DeFi — All protocols decreased in TVL as crypto prices retrace from earlier highs
NFT & Metaverse — Blur airdrops US\$250 million to users with token launch

e Policy and Regulatory – NYDFS orders Paxos to stop issuing BUSD, Kraken shuts staking in settlement with SEC

Notable Tweets



Summary

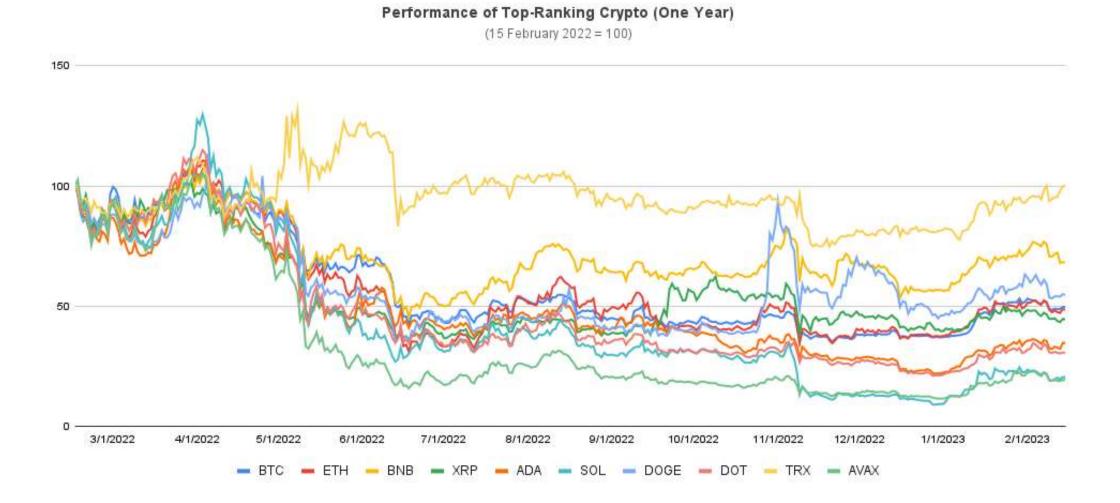
- 1. Prices
 - One-Year Price Recap
 - Layer 1 Price Recap (2 February 15 February 2023)
 - Most tokens underperformed as it retraced from earlier rallies and poor regulatory sentiment
 - TRX outperformed as the Tron ecosystem received a boost from competing stablecoin regulatory action (BUSD)
 - Protocol Price Recap (2 February 15 February 2023)
 - GRT outperformed significantly with the influx of staking and transaction activity, as well as a general surge in similar data management network tokens
 - LDO outperformed as decentralized staked ETH narrative kicks in after US regulatory action on Kraken
 - MKR gained as attention shifts to decentralized stablecoins after US regulatory action on Paxos / BUSD
- 2. Valuation

•

- Market Cap to Active Addresses ETH's price rally driven more by multiple expansion than network usage
- 3. Exchange Flows
 - Bitcoin slight exchange outflows as market retraces
 - Ethereum outflows spike as momentums shifts to DeFi

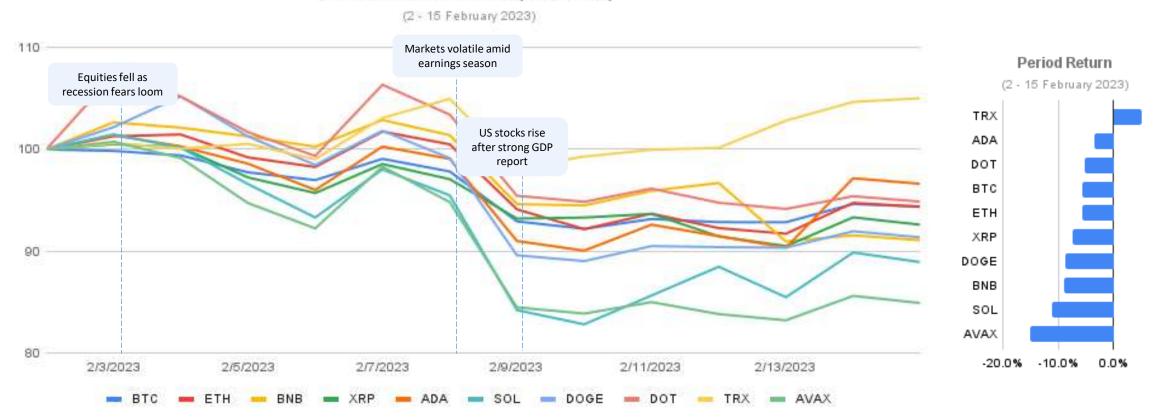


One-Year Layer-1 Price Recap



Layer-1 Price Recap (2 February – 15 February 2023)

- Most tokens underperformed as it retraced from earlier rallies and poor regulatory sentiment
- TRX outperformed as the Tron ecosystem received a boost from competing stablecoin regulatory action (BUSD)



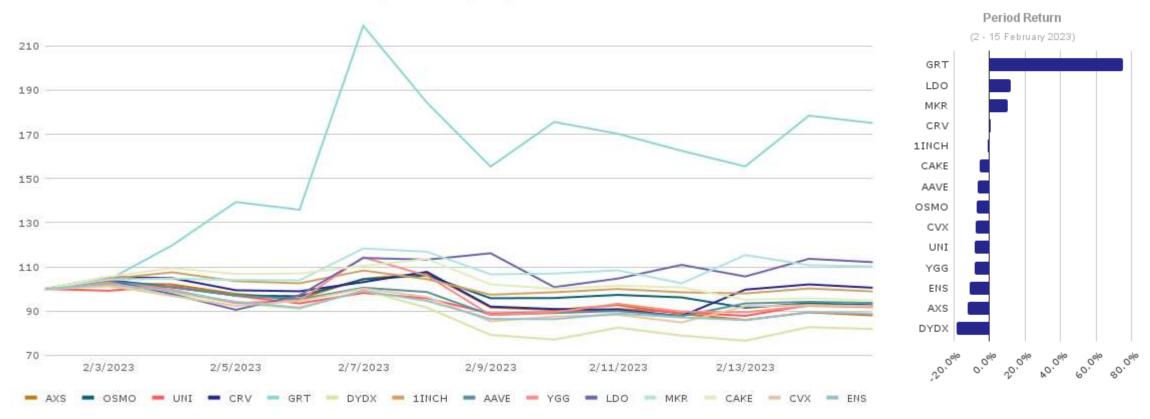
Performance of L1 Tokens (Two Weeks)

Protocol Price Recap (2 February – 15 February 2023)

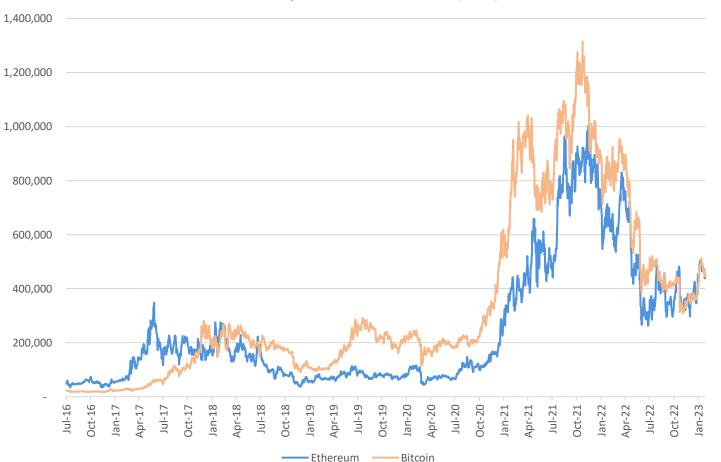
- GRT outperformed significantly with the influx of staking and transaction activity, as well as a general surge in similar data management network tokens
- LDO outperformed as decentralized staked ETH narrative kicks in after US regulatory action on Kraken
- MKR gained as attention shifts to decentralized stablecoins after US regulatory action on Paxos / BUSD



(2 - 15 February 2023)



Valuation – BTC and ETH Market Cap to Active Addresses



Market cap to active addresses (USD)

	BTC	ETH
Valuation Multiple		
2017-2018 Run	2.2x	7.1x
2020-2022 Run	5.6x	13.4x
Network Usage		
2017-2018 Run	1.3x	7.0x
2020-2022 Run	1.5x	2.8x

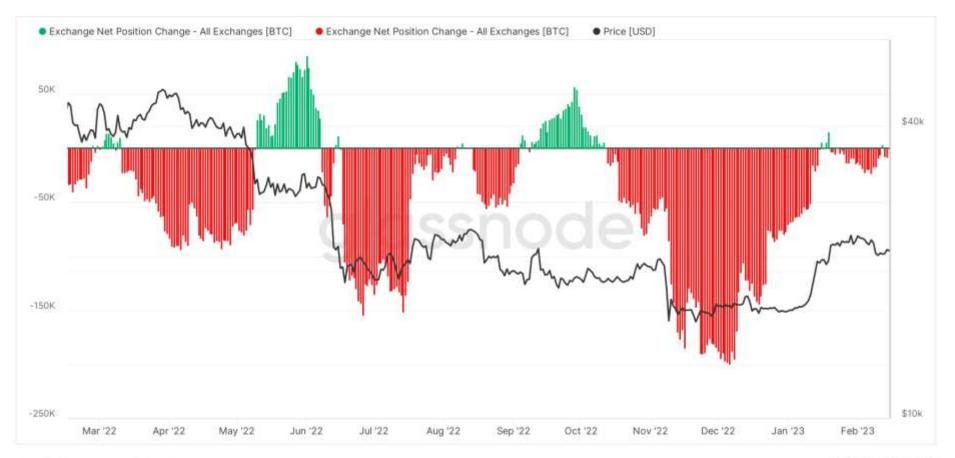
- Ethereum's price rally (30x+) in the 2020-2022 cycle was driven more by valuation multiple expansion (13x) than network activity increase (3x).
- The market cap to active address for ETH overtook BTC amid a brief active address spike for BTC and the recent price rally for the new year.



Note: As of 14 February 2023

Source: Glassnode, CoinGecko, AMTD Research

Bitcoin – slight exchange outflows as market retraces



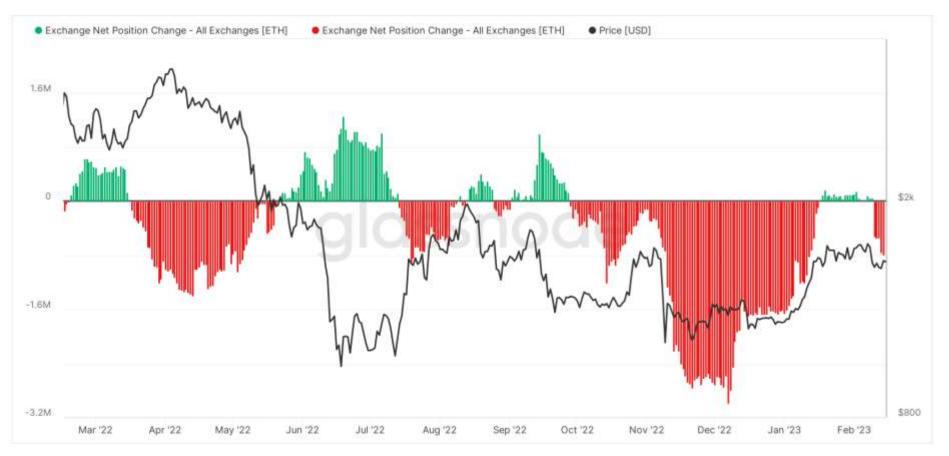
Bitcoin: Exchange Net Position Change [BTC] - All Exchanges

© 2023 Glassnode. All Rights Reserved.

AMTD 尚乘 Source: Glassnode

glassnode

Ethereum – outflows spike as momentums shifts to DeFi



Ethereum: Exchange Net Position Change [ETH] - All Exchanges

© 2023 Glassnode. All Rights Reserved.

glassnode



Blockchains & CeFi



Blockchains & CeFi Summary (2 February – 15 February 2023)

- 1.Bitcoin (2W: -5.8%)/(YTD: 33.1%)All eyes on Bitcoin as prices of Ordinals inscriptions soar
- 2. Ethereum (2W: -5.7%)/(YTD: 29.1%) Number of DEX users back to 2022 high
- 3. Layer 2 Highlights
- Optimism (2W: 8.08%)/YTD: 159.8%)Optimism surges with TVL reaching new highs
- 5. **Binance** Withdrawals surge as Paxos BUSD regulatory pressure looms
- 6. News and Headlines



Bitcoin – All eyes on Bitcoin as prices of Ordinals inscriptions soar

- Launched recently on the Bitcoin mainnet, Ordinals is an **NFT protocol** that is embedded into "sats," the smallest denomination of Bitcoin, allowing inscriptions (NFTs) to be uniquely stored, identified, and transferred.
- The possibility to inscribe media onto the Bitcoin network has taken the NFT and broader crypto world by storm as people rush to make their own inscriptions or trade existing inscriptions.
- A notable collection is Ordinal Punks, a collection of 100 CryptoPunks-style images that were minted (for ~US\$200) within the first 650 inscriptions. Its scarcity and hype has led to a surge in secondary prices – trades averaged at around US\$100,000 in recent days (roughly two weeks after first secondary sale), while the highest sale was 11.5 BTC or ~US\$250,000.
- While many are jumping into the hype, the process is still primitive. Trading of inscriptions are done through manual order books (i.e., Google spreadsheet) and OTC trading, usually with an escrow.

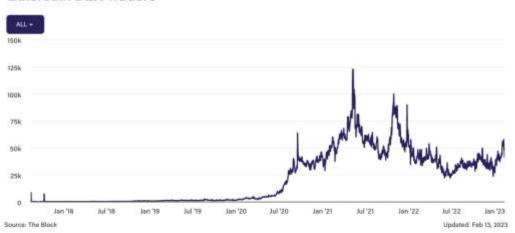




AMTD尚乘

Ethereum – Number of DEX users back to 2022 high

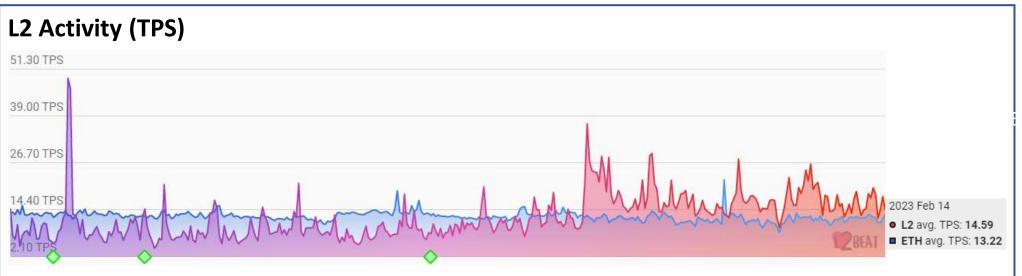
- The number of unique DEX traders on Ethereum reached 57,670, its highest since the beginning of 2022, despite the market being in a prolonged crypto winter.
- The rising trend comes to no surprise given the many failures related to centralized markets in mid to late 2022.
- Regulatory scrutiny has followed these centralized failures, and we are beginning to see heightened regulatory pressure in recent weeks:
 - Among others, the SEC charged Genesis and Gemini with unregistered securities offering related to Gemini's Earn.
 - The SEC also charged Kraken for its staking-as-a-service program, which Kraken settled and will shut all US staking services.
 - More recently, the New York Department of Financial Services ordered Paxos to stop issuing BUSD.
- It is likely that the momentum shift to DeFi will continue with the apparent regulatory crackdown in the US.



Ethereum DEX Traders

Blockchains & CeFi

Layer 2 Highlight





AMTD尚乘 Source: L2BEAT

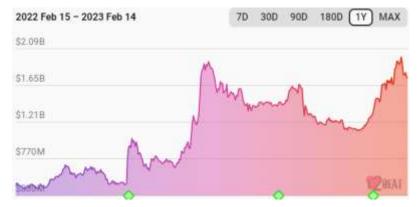
Layer 2 – Optimism surges with TVL reaching new highs

- Optimism's native token OP surged to record highs on the back of solid TVL gains, a new major proposed upgrade, and Binance's launch of BUSD on the network.
- The Optimism Foundation proposed Bedrock, a complete rewrite of the core components of the Optimism architecture. The upgrade will seek to "offer a new level of modularity, simplicity, and Ethereum equivalence for Layer 2 solutions." If passed, the upgrade will take place during mid-March.
- Meanwhile, the OP token rallied after Binance launched its BUSD stablecoin on Optimism, making it the sixth network deployed.
- However, OP quickly pared back gains after regulatory news swept the crypto market. In particular, BUSD issuer Paxos announced that the NYDFS has ordered it to cease issuing new BUSD coins.
- While Paxos only issues BUSD on Ethereum, Binance issues Binance-pegged BUSD tokens on other blockchains.





Optimism 1Y TVL, USD



Binance – Withdrawals surge as Paxos BUSD regulatory pressure looms

Multichain Token Flow Va	lue By Exchange 🛈		1H 24H 7D
Exchange	Netflow 24H (\$) *	Inflow 24H (\$) ≑	Outflow 24H (\$) ‡
Binance	-831,102,846	1,956,898,063	2,788,000,909
Bitfinex	-247,301,418	89,738,423 •	337,039,842 -
OSL	-13,256,505	13,694,696	26,951,201
KuCoin	-7,279,110	62,499,510 •	69,778,620 •
Gemini	-6,685,857	10,997,523	17,683,380
BitMart	-4,001,078	320,423	4,321,501
Bittrex	-3,066,456	1,511,043	4,577,499
HitBTC	-2,612,725	8,914,956	11,527,681
ABCC	-2,008,179	14,998,281	17,006,461
Bybit	-1,900,664	49,917,092	51,817,756
Gate.io	-1,513,501	25,724,633	27,238,134
FTX	-1,413,763	13 ———	1,413,776
bitFlyer	-1,316,102	726,728	2,042,830

- Binance saw net outflows of over US\$830 million during the day after Paxos announced that the New York Department of Financial Services ordered it to halt minting new BUSD tokens.
- BUSD is currently the third-largest stablecoin and is used in 35% of all Binance trading volume. Such outflow activity surpassed the volume in December 2022 during the reserves report FUD.
- Meanwhile, USDT benefited as it gained ~US\$1 billion in market cap to US\$69.5 billion, while BUSD market cap has fallen from US\$16.1 billion to \$14.3 billion.



News & Headlines

LocalBitcoins to Close After 10 Years

LocalBitcoins, one of the longest-running exchanges, announced that it would shut down due to the "ongoing very cold crypto winter." With the increased convenience of crypto on-ramp and off-ramp services in crypto exchanges like Coinbase and Binance, LocalBitcoins' peer-to-peer and escrow services for wire transfers and cash deals may have seen its trading volume dwindle. [CoinDesk]

Ethereum Testnet Successfully Processes ETH Withdrawals

The Zhejiang testnet successfully processed simulated withdrawals of staked ETH for the first time, bringing the blockchain closer to fully activating staked ETH withdrawals since it transitioned to proof-of-stake last year. The Zhejiang testnet is the first of three testnets to run through the Shanghai upgrade before mainnet rollout. [CoinDesk]

Nonprofits Raise Millions in Crypto for Turkey Aid

D尚乘

Nonprofit organizations are turning to cryptocurrency to raise money to aid victims of Turkey's recent devastating earthquake, an effort of a crowdfunded borderless response. Turkish charity Ahbap raised US\$2 million in less than a day and noted that Turkey's Financial Crimes Investigation Board approved the donation addresses despite a crypto payments ban by the Turkey central bank in April 2021. [CoinDesk]

Celsius Operated as a Ponzi Scheme According to Examiner

Bankrupt crypto lender Celsius misused investor and customer funds, including using customer deposits to inflate the price of its own token, CEL, according to a court-appointed investigator. Described by an employee at the time a "very Ponzi like," such actions allowed founder Alex Mashinsky to profit US\$69m of CEL while telling the public he was not selling.]FT]

European Digital Bank Revolut to Launch Crypto Staking Service

Revolut, which operates in the UK and EU, is launching crypto staking services. It will support the staking of Polkadot, Tezos, Cardano, and Ethereum tokens at launch. The staking service is an expansion of its crypto offerings, such as crypto trading and crypto purchases on a debit card. [CoinDesk]

Binance Temporarily Suspends Bank Transfers

Binance announced that it is temporarily suspending USD bank transfers for international Binance users, without providing further explanation. Separately, Binance's US banking partner Signature Bank increased USD transaction minimums to US\$100,000, which applied to all exchange customers. Binance noted that only 0.01% of its monthly active users leverage USD bank transfers. [CNBC]

Bitcoin Miners Hut 8 and US Bitcoin Merge

Bitcoin miners Hut 8 and US Bitcoin are merging to form US-based Hut 8 Corp. The new company will have a total self-mining capacity of 5.6EH/s. The merger is pending court and regulatory approvals. [The Block]

Stablecoins



Stablecoins Summary

1. Centralized Stablecoins

Paxos to Stop Issuing BUSD Moody's Working on Stablecoin Scoring System

2. Decentralized Stablecoins

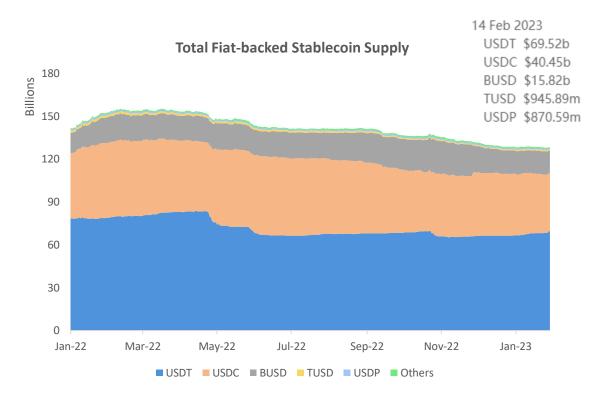


Stablecoins

Centralized Stablecoin Updates

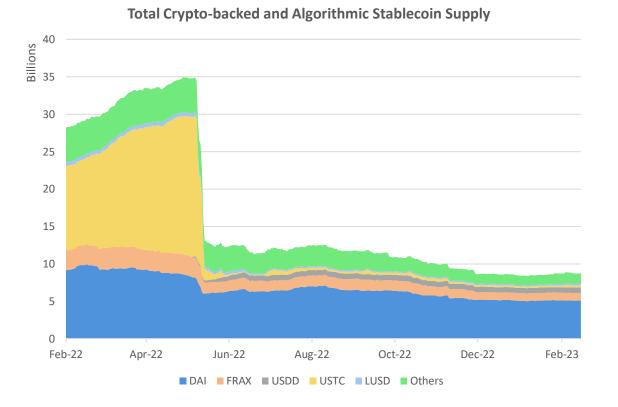
Centralized stablecoin refers to fiat-backed stablecoins across all chains tracked by DefiLlama

- In the past two weeks:
 - Total stablecoin supply decreased slightly to US\$136.6b (-0.4%) and centralized stablecoin supply decreased to US\$127.8b (-0.4%).
 - USDC decreased 3.2% to 40.5b, while USDT increased 2.5% to 69.5b.
- Paxos to Stop Issuing BUSD
 - Paxos, the issuer of the BUSD stablecoin, announced that it has been directed by the New York Department of Financial Services to cease minting new BUSD.
 - Paxos will continue to manage redemptions of the stablecoin, while Binance CEO CZ said that the exchange would move away from using BUSD as the main trading pair.
 - The move comes in addition to an SEC notice that it would sue Paxos for violating investor protection laws.
- Moody's Working on Stablecoin Scoring System
 - Credit rating agency Moody's is developing a scoring system for up to 20 stablecoins, including assessments on the attestations of reserves. The system will not



Decentralized Stablecoin Updates

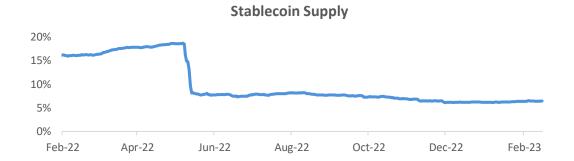
Decentralized stablecoin refers to crypto-backed and algo stablecoins across all chains tracked by DefiLlama



In the past two weeks:

- Total decentralized stablecoin supply relatively unchanged at US\$8.7b (+0.2%)
- DAI dominance remained strong at ~58%, a level reached since roughly November 2022.

Meanwhile, decentralized stablecoin supply as a percentage of total stablecoin supply has maintained relatively stable at 6-7% for the last few months.



Crypto-backed & Algorithmic Stablecoin as a % of Total

Web3.0 Biweekly 24

AMTD 尚乘 Source: DefiLlama



DeFi Summary (2 February – 15 February 2023)

- 1. TVL by Chain
 - Arbitrum TVL soared 16.6% to US\$1.5b, boosted by increased activity on the GMX dex, while daily volume on Sushiswap has also been growing.
 - Ethereum TVL declined 4.2% to US\$28.4b as the market reacts to regulatory effects on staking, DeFi, etc.

2. TVL by Protocol

• All protocols decreased in TVL as crypto prices retrace from earlier highs

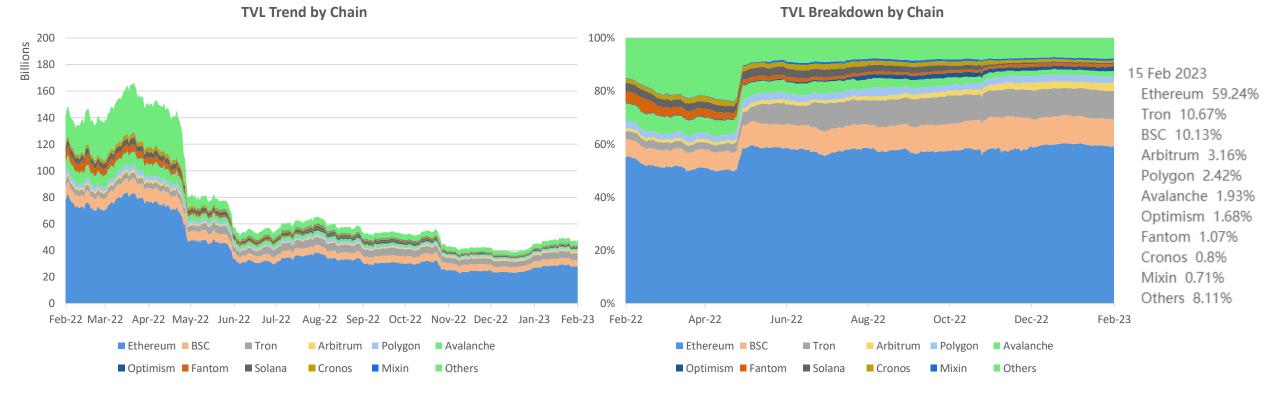
3. DeFi Revenue

- DeFi activity gains momentum
- 4. **DeFi Valuation** Uniswap and Aave/Compound relatively overvalued based on P/TVL and P/Revenue respectively

5. Noteworthy DeFi Protocols

• Uniswap wraps up drama-packed vote





TVL Overview by Chain – Strong TVL growth for most major protocols as DeFi activity & crypto price rises

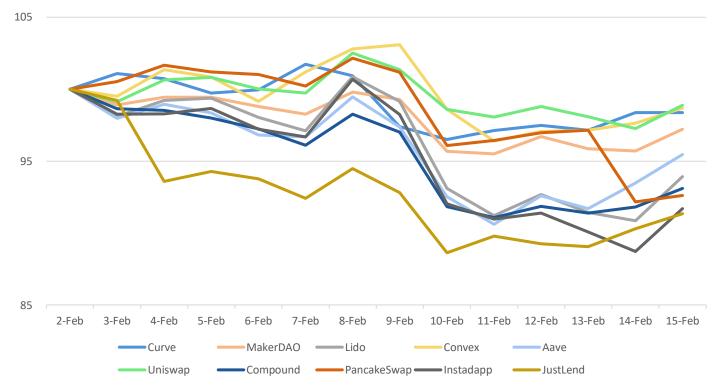
Total TVL declined 3.6% to US\$47.8b as markets retraced from the earlier rally. During the period, notable winners/losers were:

- Arbitrum TVL soared 16.6% to US\$1.5b, boosted by increased activity on the GMX dex, while daily volume on Sushiswap has also been growing.
- Ethereum TVL declined 4.2% to US\$28.4b as the market reacts to regulatory effects on staking, DeFi, etc.

TVL Overview by Protocols

- All protocols decreased in TVL as crypto prices retrace from earlier highs

TVL of Top DeFi Protocols in Terms of TVL (2 February 2023 = 100)



	2 Feb 23	15 Feb 23	Period
Procotol	TVL (USD)	TVL (USD)	Change
MakerDAO	7,345	7,141	-2.8%
Uniswap	3,962	3,918	-1.1%
PancakeSwap	2,549	2,361	-7.4%
Compound	2,017	1,877	-6.9%
Instadapp	2,084	1,911	-8.3%
Lido	8,617	8,094	-6.1%
Uniswap	3,962	3,918	-1.1%
Curve	4,905	4,824	-1.6%
Convex	4,130	4,076	-1.3%
Aave	4,762	4,546	-4.5%
JustLend	3,739	3,415	-8.7%

DeFi Total Revenue - DeFi Protocols

• Uniswap overtakes OpenSea in 30-day revenue; almost all protocols reflect a spike in 30-day trend as DeFi activity gains momentum.



Top dapps based on daily cumulative fees in the past 180 days.

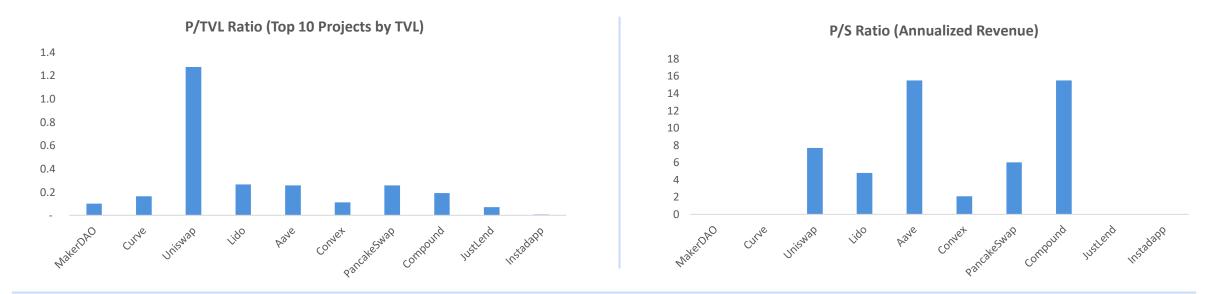
Project	Revenue 7d (US\$)	Revenue 30d (US\$)	Revenue 180d (US\$)	7d Trend	30d Trend
Uniswap	\$ 15.7m	\$ 51.2m	\$ 244.1m	24.0%	123.8%
OpenSea	\$ 11.6m	\$ 49.9m	\$ 231.2m	6.0%	29.8%
Lido Finance	\$ 8.4m	\$ 35.8m	\$ 177.1m	-1.1%	36.9%
GMX	\$ 8.5m	\$ 16.7m	\$ 75.5m	215.0%	54.2%
Convex Finance	\$ 3.6m	\$ 16.6m	\$ 81.9m	-7.6%	76.0%
PancakeSwap	\$ 2.6m	\$ 9.7m	\$ 70.7m	4.5%	59.0%
dYdX	\$ 1.7m	\$ 8.8m	\$ 37.7m	-31.5%	43.0%
Flashbots	\$ 1.8m	\$ 6.5m	\$ 37.5m	8.3%	62.0%
Aave	\$ 1.4m	\$ 5.9m	\$ 46.3m	-1.7%	16.6%
Blur	\$ 1.0m	\$ 3.3m	\$ 6.5m	1.1%	106.8%
SushiSwap	\$ 0.7m	\$ 2.6m	\$ 11.8m	-11.9%	166.0%
Gains Network	\$ 0.7m	\$ 2.6m	\$ 6.5m	37.2%	287.8%
SynFutures	\$ 0.1m	\$ 2.5m	\$ 21.4m	-75.7%	-37.2%
X2Y2	\$ 0.6m	\$ 2.5m	\$ 11.9m	14.5%	74.3%
Balancer	\$ 0.6m	\$ 2.4m	\$ 9.6m	6.0%	240.3%
MakerDAO	\$ 0.9m	\$ 2.3m	\$ 8.0m	227.9%	59.1%
LooksRare	\$ 0.6m	\$ 2.2m	\$ 17.5m	2.4%	-1.2%
Trader Joe	\$ 0.5m	\$ 2.2m	\$ 6.7m	-24.5%	227.0%
Venus	\$ 0.5m	\$ 2.0m	\$ 13.2m	6.1%	41.1%
Compound	\$ 0.5m	\$ 1.8m	\$ 10.4m	0.6%	31.2%

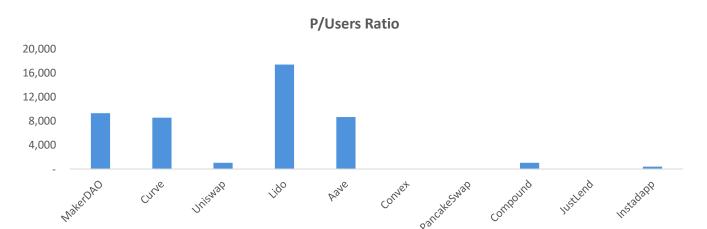
Note: As of 15 February 2022

Web3.0 Biweekly 29

AMTD 尚乘 Source: TokenTerminal

DeFi Valuation



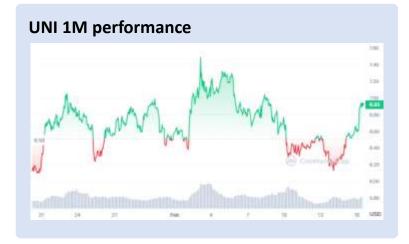


Note: As of 15 February 2023. Protocols with a ratio of 0 means insufficient data.

AMTD 尚乘

Source: TokenTerminal, Dune Analytics, CoinMarketCap

Noteworthy DeFi Protocols – Uniswap wraps up drama-packed vote





@a16z just used its full voting weight to squash a SUNI proposal to launch Uniswap protocol on BNB chain using @wormholecrypto bridge.

a16z is a large investor in Wormhole competitor, @LayerZero_Labs.

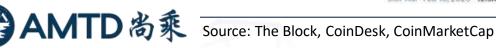
Open your eyes. **

Anti-competition cartels in DeFi are REAL.



From what I can tell this is the first time a16z voted against an Uniswap proposal and the first time the unloaded the entire 15M UNI vote clip.

12:28 PM · Feb 5, 2023 · 33.3K Views



- Uniswap DAO's contentious vote finally ended, with the community members of Uniswap voting to officially deploy to the BNB blockchain using the Wormhole bridge.
- The vote passed with 66% in favor and 34% against the deployment, but the voting process garnered significant debate about the governance and influence of parties.
- In particular, venture capital firm Andreesen Horowitz (Uniswap's largest backer) voted against the proposal, instead advocating to use competitor LayerZero, one of its own portfolio companies, to be used as the cross-chain bridge instead of Wormhole.
- A partner at a16z wrote that they do not believe "Wormhole offers the most secure or decentralized bridging option," given 2022's Wormhole hack.
- Meanwhile, founder of lending platform Robert Leshner, who also backed LayerZero, voted in favor of the deployment proposal.
- With the deployment to BNB Chain, Uniswap will target as much as half of PancakeSwap's market share.



What's more unfair

Not allowing capital above a certain size to vote on governance (thus preventing af6z's Uniswap saga), thus discrediting free markets

Or

...

Allowing whales and mega funds to vote, thus concentrating power in the hands of a few vs favoring long tail

5:57 AM - Feb 16, 2023 - 12.5K Views



you should actually want whoever has governance tokens to use them, as long as any conflicts of interest of interest are disclosed

I don't agree with the whole 'delegating to student groups' thing

a16z should vote its tokens in all the votes, not just when uniquely affected

11:21 PM - Feb 5, 2023 - 5,768 Views



NFT & Metaverse



NFT & Metaverse Summary

1. NFT Dashboard

Otherdeed volume tops list as Dookey Dash wraps up and attention shifts

- 2. Weekly NFT volume increases as last-minute users on Blur farm ahead of airdrop
- 3. Blur airdrops US\$250 million to users with token launch
- 4. News and Headlines



NFT Dashboard

Project	Floor Price	14D	YTD
"Blue Chip" Projects			
Bored Ape Yacht Club	67.0E	4.7%	-3.6%
CryptoPunks	62.4 Ξ	-4.0%	-4.6%
Tier-A Projects			
Azuki	14.4 Ξ	3.9%	23.1%
Clone X	5.1 Ξ	1.1%	-12.1%
Cool Cats	1.9 Ξ	-5.1%	-25.3%
Doodles	5.5 Ξ	-15.4%	-16.7%
Moonbirds	6.7 Ξ	-5.5%	-8.1%
Mutant Ape Yacht Club	14.4 Ξ	-2.4%	-9.5%
Otherdeeds	1.7 Ξ	1.2%	31.4%
World of Women	1.7 Ξ	1.6%	-4.7%

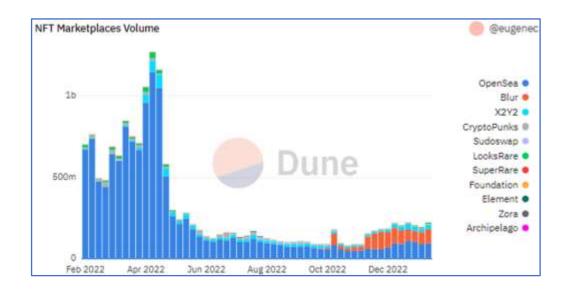
Top Sales of the Week*	Price	Top Collections of the Week* (by volume)	Volume (USD)
CryptoPunks #2886	\$454.4k	Otherdeed	\$14.2m
CryptoPunks #7067	\$195.8k	Pudgy Penguins	\$12.3m
CryptoPunks #7357	\$193.9k	Mutant Ape Yacht Club	\$11.2m
CryptoPunks #1587	\$178.2k	Checks	\$10.0m
BAYC #6466	\$168.7k	Doodles	\$8.9m
Otherdeed #81563	\$153.4k	Bored Ape Yacht Club	\$7.6m
BAYC #3293	\$152.2k	CloneX	\$7.1m
CryptoPunks #3769 \$151.4k		a KID called BEAST	\$6.0m
BAYC #4336	\$140.3k Azuki		\$5.7m
BAYC #1280	\$134.1k	Sewer Pass	\$4.4m
	3		





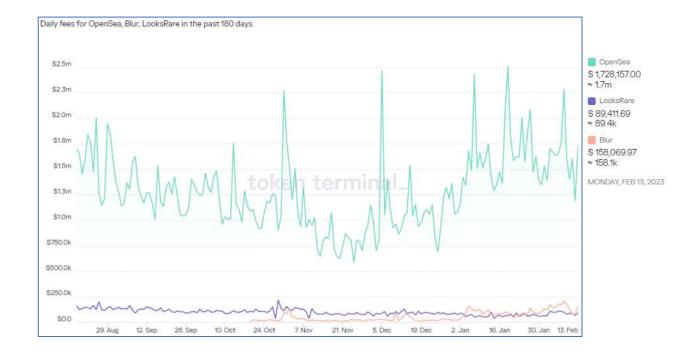
Source: OpenSea, CoinGecko, NFTPriceFloor.com, DappRadar *Excludes LooksRare & X2Y2 sales which may be subject to wash trades

Weekly NFT volume increases as last-minute users on Blur farm ahead of airdrop



Marketplace	Average Price per Trade*
OpenSea (all)	US\$78.0
Blur	US\$1,030
MagicEden	N/A

Total weekly NFT volume spiked back up, largely contributed by an increase in activity on Blur. It is likely that users on Blur were more active in farming Blur points (bidding, listing, and trading) ahead of the BLUR token airdrop which occurred on Feb 14.

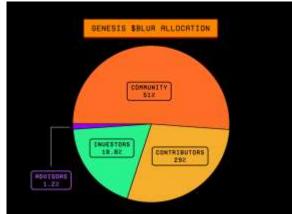




Blur airdrops US\$250 million to users with token launch

- NFT marketplace released its native token to the community after much anticipation and slight delays.
- The NFT trading platform, geared towards professional traders, launched three airdrop phases in the form of "care packages," rewarding NFT traders who used Blur actively:
 - Airdrop 1 everyone who traded in the six months prior to Blur launch
 - Airdrop 2 users who actively listed on Blur in November 2022
 - Airdrop 3 users who placed bids on Blur (1-2x the size of Airdrop 2)
- 360 million BLUR tokens were airdropped to care package holders; less than 16% are left unclaimed as of writing.
- With the trading price at ~US\$0.70-0.85 in the first twelve hours of the airdrop, Blur users have received a total of ~US\$252 million to US\$306 million. Many users are touting the airdrop as a stimulus for the NFT market, like prior airdrops done by X2Y2 and LooksRare.
- 3 billion BLUR tokens will be unlocked over five years; 51% allocated to community members through airdrops. Season 2 rewards have also started after the token launch.





News & Headlines

DigiDaigaku NFTs Featured in Super Bowl Ad

DigiDaigaku, an NFT collection by web3 gaming company Limit Break, aired an ad during the Super Bowl, which featured a large QR code where viewers could mint a free Dragon Eggs NFT. The value of the NFTs reached 0.5 ETH before moving down slightly to around 0.3 ETH. [<u>CoinDesk</u>]

Rihanna's Hit Single Sold as NFT with Royalties

Rihanna's popular single "B**** Better Have My Money" was sold by music producer Deputy to grand holders a portion of his streaming royalties through music startup anotherblock. Each of the 300 NFTs will receive a portion of 0.0033% of the streaming royalties of the song. [CoinDesk]

Hermès Wins Lawsuit Against MetaBirkins

French luxury house Hermès won a copyright infringement trial against NFT artist Mason Rothschild. The jury concluded that Rothschild's MetaBirkins NFT collection profited off Hermès' goodwill since the MetaBirkins were based off the brand's Birkin bags. The jury awarded US\$133,000 in damages to Hermès. [CoinDesk]



Blur Adopts Seaport Protocol to Bypass Blocklist

Blur has adopted OpenSea's seaport protocol to effectively bypass OpenSea's blocklist, allowing Blur users to list and trade NFTs that was previously blocked as it did not enforce royalties. OpenSea launched an Operator Filter Registry earlier which forced NFT creators to choose to either blacklist marketplaces that did not enforce royalties or OpenSea wouldn't enforce royalties itself. [The Defiant]

The Sandbox Partners with Saudi Arabia

Virtual world The Sandbox announced that the Saudi Arabia Digital Government Authority would be partnering with the platform, though only explaining that both would explore, advise, and support each other in the Metaverse. [CoinDesk]

Paris Museum to Exhibit NFTs

Centre Pompidou, Europe's largest modern art museum, will have a new exhibition examining the relationship between art and blockchain, showcasing NFTs such as CryptoPunks and Autoglyphs. The museum houses notable artworks from artists such as Vassily Kandinsky and Henri Matisse. [Decrypt]

Policy and Regulatory



Policy & Regulatory Updates

- Stablecoin issuer Paxos is reportedly being investigated by the New York Department of Financial Services, which issued a virtual currency license to Paxos. In relation to the news, Paxos announced that it was ordered by the NYDFS to cease issuing Binance-branded BUSD.
 [CoinDesk]
- Crypto exchange Kraken has settled with the SEC regarding an enforcement action alleging that it sold unregistered securities related to its staking-as-a-service program. As part of the settlement, Kraken agreed to pay a fine of US\$30 million and will shutter its staking services for US customers. [CNBC]
- In relation to recent market developments, such as the Kraken settlement, Coinbase has published a blogpost defending its staking services. Coinbase insisted that Coinbase's staking services are not securities under the Securities Act, nor does it satisfy the Howey Test used by regulators. Coinbase CEO Brian Armstrong said it will happily defend in court if needed. [Blockworks]
- The UK government revealed a consultation paper for a new crypto regulatory framework, focused on regulating crypto more broadly and with stricter rules for investing and trading. The broad framework will cover crypto service providers, lending platforms, prudential requirements, consumer protection, crypto issuances and disclosures, market abuse, and more. [The Block]
- Dubai published new laws that banned the issuance and all trading activities related to privacy cryptocurrencies such as monero. The privacy coins, which prevents the tracing or identification of ownership through the blockchain, makes it difficult to detect illicit activities. [CoinDesk]
- Regulators in South Korea published guidelines explaining what security tokens (blockchain-based iterations of traditional securities) are covered under the country's capital markets rules. The guidance comes ahead of the country's work to regulate crypto and blockchain comprehensively, which is undergoing discussion. [CoinDesk]
- A former Coinbase product manager pleaded guilty to wire fraud charges brought by the Justice Department in connection with an insider trading case to front-run new token listings on Coinbase. This marks the first insider to admit guilt in an insider trading case in crypto. [The Block]



Notable Tweets



NFT donations for earthquake victims

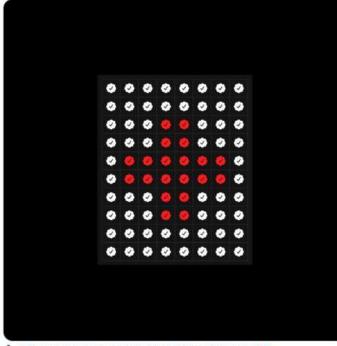


Humanity Check

For on the ground crisis relief in Turkey and Syria.

All funds to Doctors without Borders via The Giving Block.

vv.run/humanitycheck



👗 Doctors w/o Borders and mikeenz.eth @ The Giving Block 🏭

4:38 AM · Feb 7, 2023 · 908.1K Views



BUSD FUD

...





Replying to @cz_binance

Sir Paxos being unable to mint more \$BUSD sounds like more than a "4" moment, what is your strategy regarding in-house stablecoin going forward?

4:12 PM · Feb 13, 2023 · 58.6K Views

Early days for Ordinals



We're closing deals over email and maintaining bid/ask markets in spreadsheets

The tooling is nascent. The energy is palpable

			_				_	-
	in the second second	-15-			-			The second second
	in the second se		-	All states	And income	10.00	-	In the Parameter
				And and a second				the second se
10:04 PM (1 minute a	Contract of the local division of the local		-					Contraction of the local division of the loc
10:04 PM (1 minute :	1000 C					1.1		and the second second
10-041 141 (1111110-00 0	the second se		-	and the second second				COMPLETE ORIGINAL
	and the second s			and the second				No. of Concession, Name
	the second s							The second se
	1000		- 12	100		100	-	Contraction of the local division of the loc
	Contractory of the local division of the loc		-	The second se				And in cases
				A				
	1000			A CONTRACTOR OF				
	Concession of the local division of the loca			100				
	Contract of the local division of the local			1000				
	Contract of the local division of the local			1000				
ed! This transaction # will be	Contract of the local division of the local			a number of				
				-		1000		
				100				
	100			1000		-		
				1000				The summer of
				1.000				Long to be set in a
	The second se							
	Termine .							all have a series of
will be sent to the ordinal a	- marce							Little to seal
will be seril to the ordinal a								
	the second se			-				
	and the second se							
	Contraction of the local division of the loc			-				
	the second se							
				100				
	Section 2. August 1.			100				
				100				
				112				
				1000				
				-				
233 PM - Feb 7, 2023 - 12.1K Views								
caa mini med 7, 2023 - 12,16 Views								

Doodles founder to DigiDaigaku founder



poopie 📀 @poopie

...

Thanks for getting me out of the spotlight Gabriel

8:35 AM · Feb 13, 2023 · 47.4K Views

18 Retweets 3 Ouote Tweets 351 Likes

Notable Tweets

Bitcoin NFT bull market



@hash bender

I will never financially recover from this

@ordrocks



6:46 PM · Feb 9, 2023 · 13.5K Views

US\$2K MSRP for Azuki jacket



.....

Twin Tiger Jacket sold for \$1700 on eBay @AzukiOfficial T

Completed listings	Sold listings 🛞 Clear All
	Sold Feb 8, 2023 Azuki Twin Tigers Jacket Large Brand New \$2,000.00 Best offer accepted Free shipping View similar active items Sell one like this

12:14 PM · Feb 10, 2023 · 55.1K Views

SuperBowl ad unlikely to have unboarded



...

If you were one of the first 10,000 out of the many millions to see this advert, did you already need to have metamask installed to claim the NFT? Surely this onboarded nobody that wasn't already savvy to the ad coming .. I mean a tweet is free, for now at least

Hypemoon 📀 @Hypemoon · Feb 13

Here's the #SuperBowlLVII im ad that @gabrielleydon paid \$6.5M USD for.

The ad originally led to a mint site for viewers to claim a free NFT. Once minted out, the QR code redirected to Leydon's Twitter page.

E-sports player's scores removed



Garga.eth (Greg Solano) 🤡 @CryptoGarga

Replying to @orangie

Hi, the wallet address associated with screenshots you've posted (0X6455...147C) was found to be cheating. Here are a few relevant screenshots from that wallet's runs showing client-side hacks (removal of fog, adding highlights, etc). I get that people didn't think we had a way to catch this kind of stuff. But we did.



9:27 am · 16 Feb 2023 · 3,121 Views



IMPORTANT DISCLOSURES

Analyst Certification

We, Brian Li and Eugene Chin, hereby certify that (i) all of the views expressed in this research report reflect accurately our personal views about the subject company or companies and its or their securities; and (ii) no part of my compensation was, is or will be, directly or indirectly, related to the specific recommendations or views expressed by us in this research report, nor is it tied to any specific investment banking transactions performed by AMTD Global Markets Limited.

AMTD Global Markets Limited

Address: 23/F - 25/F, Nexxus Building, 41 Connaught Road Central, Hong Kong Tel: (852) 3163-3288 Fax: (852) 3163-3289

GENERAL DISCLOSURES

The research report is prepared by AMTD Global Markets Limited ("AMTD") and is distributed to its selected clients.

This research report provides general information only and is not to be construed as an offer to sell or a solicitation of an offer to buy any security in any jurisdiction where such offer or solicitation would be illegal. It does not (i) constitute a personal advice or recommendation, including but not limited to accounting, legal or tax advice, or investment recommendations; or (ii) take into account any specific clients' particular needs, investment objectives and financial situation. AMTD does not act as an adviser and it accepts no fiduciary responsibility or liability for any financial or other consequences. This research report should not be taken in substitution for judgment to be exercised by clients. Clients should consider if any information, advice or recommendation in this research report is suitable for their particular circumstances and seek legal or professional advice, if appropriate.

This research report is based on information from sources that we considered reliable. We do not warrant its completeness or accuracy except with respect to any disclosures relative to AMTD and/or its affiliates. The value or price of investments referred to in this research report and the return from them may fluctuate. Past performance is not reliable indicator to future performance. Future returns are not guaranteed and a loss of original capital may occur.

The facts, estimates, opinions, forecasts and any other information contained in the research report are as of the date hereof and are subject to change without prior notification. AMTD, its group companies, or any of its or their directors or employees ("AMTD Group") do not represent or warrant, expressly or impliedly, that the information contained in the research report is correct, accurate or complete and it should not be relied upon. AMTD Group will accept no responsibilities or liabilities whatsoever for any use of or reliance upon the research report and its contents.

This research report may contain information from third parties, such as credit ratings from credit ratings agencies. The reproduction and redistribution of the third party content in any form by any means is forbidden except with prior written consent from the relevant third party. Third party content providers do not guarantee the timeliness, completeness, accuracy or availability of any information. They are not responsible for any errors or omissions, regardless of the cause, or for the results obtained from the use of such content. Third party content providers give no express or implied warranties, including, but not limited to, any warranties of merchantability of fitness for a particular purpose or use. Third party content providers shall not be liable for any direct, indirect, incidental, exemplary, compensatory, punitive, special or consequential damages, costs, expenses, legal fees, or losses (including lost income or profits and opportunity costs) in connection with any use of their content. Credit ratings are statements of opinions and are not statements of fact or recommendations to purchase, hold or sell securities. They do not address the suitability of securities for investment purposes, and should not be relied on as investment advice.

To the extent allowed by relevant and applicable law and/or regulation: (i) AMTD, and/or its directors and employees may deal as principal or agent, or buy or sell, or have long or short positions in, the securities or other instruments based thereon, of issuers or securities mentioned herein; (ii) AMTD may take part or make investment in financing transactions with, or provide other services to or solicit business from issuer(s) of the securities mentioned in the research report; (iii) AMTD may make a market in the securities in respect of the issuer mentioned in the research report; (iv) AMTD may make a primary market in issues of, any or all of the entities mentioned in this research report or may be provided within the previous 12 months, other investment banking services, or investment services in relation to the investment concerned or a related investment.

AMTD controls information flow and manages conflicts of interest through its compliance policies and procedures (such as, Chinese Wall maintenance and staff dealing monitoring).

The research report is strictly confidential to the recipient. No part of this research report may be reproduced or redistributed in any form by any means to any other person without the prior written consent of AMTD Global Markets Limited.

