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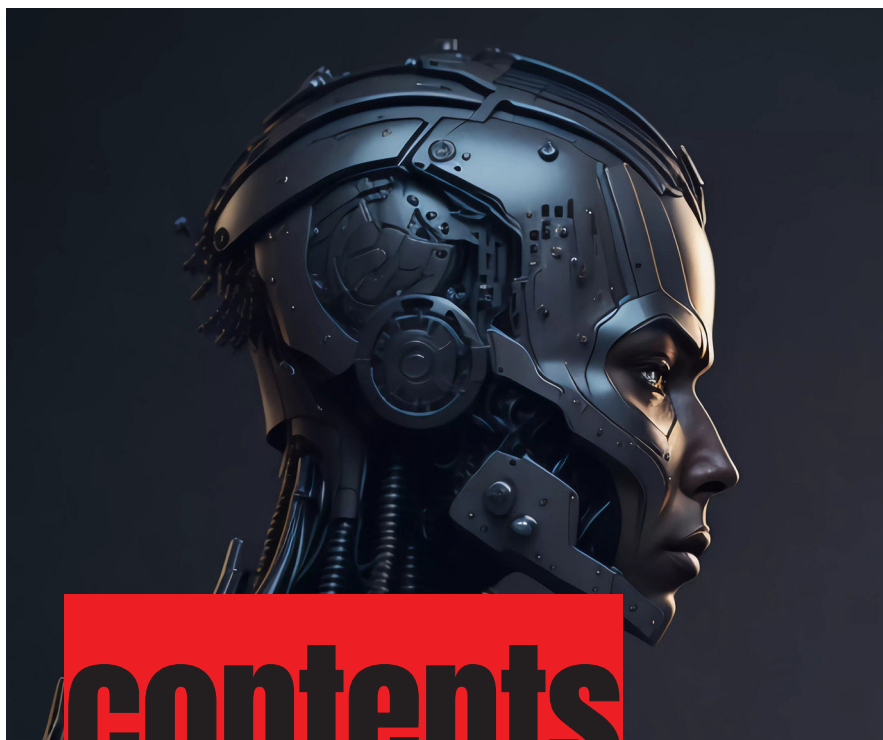
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# MARKET ANALYSIS

## Fortnight Cryptocurrency Market Analysis

Hello, welcome to this month edition of Cryptologist Magazine. The global crypto market cap is \$1.16 Trillion, up \$10 Billion since the last week. The total crypto market trading volume over the last 24 hours is at 34.89 billion. The DeFi volume is \$2.45 Billion, 7.01% of the entire crypto market's 24-hour trading volume. The volume of all stable coins is \$32.42 Billion, which is 92.90% share of the total crypto market volume the last 24 hours. The largest gainers in the industry right now are Polkadot Ecosystem and Algorand Ecosystem cryptocurrencies.

Bitcoin's price has increased by 2.1% from \$27,425 last week to around \$28,000 and Ether's price has decreased by 0.27% from \$1,835 last week to \$1,830

Bitcoin's market cap is \$542 Billion and the altcoin market cap is \$618 Billion.

Bitcoin rose 2.7% in April, extending its winning streak for the fourth straight month. Coinglass data shows that Bitcoin has risen for the first four months of the year only in 2023 and 2013. The big question is, could the gains continue? Bloomberg reported that four months of consecutive gains has in the past led to a sharp rally of 260% in Bitcoin over the subsequent year.

Although the long-term is bullish, concerns remain in the near term. The United States saw its third regional bank failure since March when JPMorgan Chase took over the ailing First Republic. While this has given some respite in the near term, Gary Cohn, former chief operating officer at Goldman Sachs, does not believe that the banking crisis has ended. While speaking to CNBC, Cohn said, "There will be other issues out there in the banking world."

Many consider that the woes in the legacy banking system could increase investor interest in cryptocurrencies. However, if the banking crisis deepens, it is difficult to predict how Bitcoin will behave. There is a possibility that investors dump it considering it a risky asset and load up on safe haven assets.

Another near-term risk is the large supply of Bitcoin held by the government and Mt. Gox trustee. According to Glassnode data, both these entities hold a combined 343,404 Bitcoin. The movement of such large amounts of Bitcoin could depress the price in the near term. A false alert by blockchain analytics firm Arkham about the movement of coins from Mt. Gox and the US government wallets had caused Bitcoin to plunge about 7% in an hour on April 26.

Bitcoin and the altcoins may remain volatile ahead of the Federal Reserve's monetary-policy decision on May 3. According to the FedWatch Tool, the probability of a 25 basis-point rate hike has risen to 94.5%. Any suggestion that more rate hikes are needed to curb inflation may pull risky assets lower while an indication of a pause in rate hikes may boost risky assets.

### Percentage of Total Market Capitalization (Dominance)

<b>Bitcoin</b>	46.64%
<b>Ethereum</b>	18.93%
<b>Tether</b>	7.03%
<b>Binance Coin</b>	4.35%
<b>USDcoin</b>	2.61%
<b>XRP</b>	2.07%
<b>Cardano</b>	1.16%
<b>Dogecoin</b>	0.94%
<b>Polygon</b>	0.76%
<b>Others</b>	14.76%

## BITCOIN - BTC/GBP



Bitcoin bounced off the 50-day simple moving average (SMA) on April 26 and rose above the 20-day exponential moving average (EMA) on April 27. However, the bulls could not sustain the recovery as bears fiercely defended the \$30,000 level.

That may have tempted short-term traders to book profits, which pulled the price below the 50-day SMA on May 1. The bears will try to strengthen their position further by sinking the price below the support at \$27,000. If they succeed, the BTC/USD pair may plummet to the breakout level of \$25,000.

## ETHERERUM - ETH/GBP



We said in the previous analysis that the bears are trying to flip the 20-day EMA into resistance and they did just that. The bears thwarted several attempts by the bulls to sustain Ether above the 20-day EMA last week.

We had also projected that the 50-day SMA support may break down and that happened on May 1. The 20-day EMA is sloping down gradually and the RSI is in the negative territory, indicating that bears have a slight edge.

## RIPPLR - XRP/GBP



The bulls tried to thrust XRP above the overhead resistance zone of \$0.56 to \$0.58 on April 14 but the bears held their ground. This suggests that sellers are active at higher levels.

However, a minor positive in favor of the bulls is that the bears have not been able to sink the price below the 20-day EMA. This indicates buying at lower levels.

## BINANCE - BNB/GBP



Binance Coin rose above \$335 on April 25 but the bulls could not challenge the overhead resistance of \$350. The price turned down from \$345 on April 26 and slumped to the 50-day SMA on April 28.

The bulls are buying the dips to the 50-day SMA and the bears are selling near the resistance line. The flattening 20-day EMA and the RSI near the midpoint suggest a balance between supply and demand.



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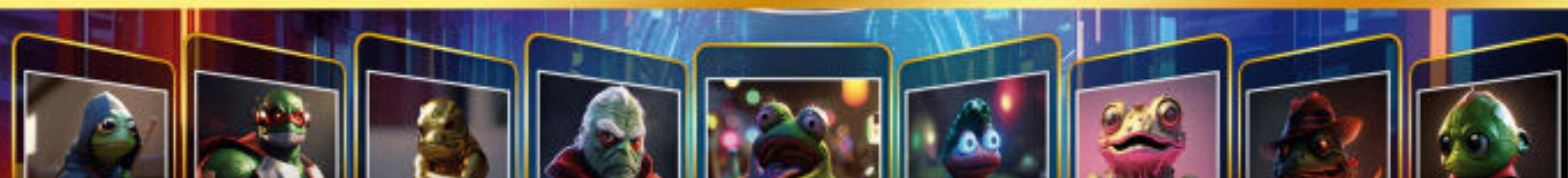
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- 5% REFLECTIONS FROM ALL MINTS AND RESALES
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- VOTING RIGHTS IN THE DAO - GAME INTEGRATION
- EXTRA REWARDS FOR SPECIAL AND ULTRASPECIAL NFT HOLDERS





# PRESS RELEASE

Fortnight Cryptocurrency Market Analysis

## Avorak AI opens beta testing for ICO participants this May



Avorak aims to be the premiere suite of artificial intelligence tools capable of assisting in creative, financial, and social tasks, using AVRK as a method of value transfer to access the ecosystem of products.

### What is AVRK?

AVRK is the blockchain token for Avorak. When users wish to use any Avorak products, they will purchase AVRK and use it as payment to access the ecosystem, where they can generate images and text, discuss with chatbots, and trade automatically.

When AVRK is paid into the system, the automated payment contract

will route 49% of revenue back to AVRK holders on-chain, in addition to automatically burning 2% of the payment. Unlike 'reflection' tokens, this means the burn is based on the use of the product, not by punishing those trading or transferring the tokens, in addition to creating a deflationary supply that can decrease by an unlimited factor.

AVRK is already confirmed to be available on launch from PancakeSwap, Latoken, Azbit, and Coinsbit, with a number of exchanges said to be in negotiation also.

Avorak should have plenty of places to buy in order to access the system, in addition to being able to trade the token.

### Avorak Trade

Avorak Trade is the first product set to be released by the Avorak team. The product incorporates a machine-learning system for trading that simulates hundreds of 'paper trades' and analyzes the outcomes to determine which trading indicators provide the best outcomes. It then applies this analysis to predict future price patterns and makes these trades based on this. Users allow access for the trading bot to automatically buy and sell, with appropriate risk management set based on the trader's risk appetite.

This state-of-the-art system aims to reduce losses, manage risk, and increase win rates for many traders

that struggle to stay profitable in such volatile market conditions.

What is the beta?

With products that involve money, it is imperative that intensive testing happens beforehand. The Avorak beta will be a selected public testing period in which limited selected individuals can access the Avorak Trade platform.

The applications are open already, with the team reporting that uptake

has been huge in their Telegram channel.

The beta testing will likely tell the team how the bot responds, the bot's profitability vs. manual trading history, and provide notes on what to improve.

With an opportunity to help shape a potentially world-renowned product, it is no wonder many are jumping forward with their hands raised. The interest in the beta alone can lead to the assumption that there will be

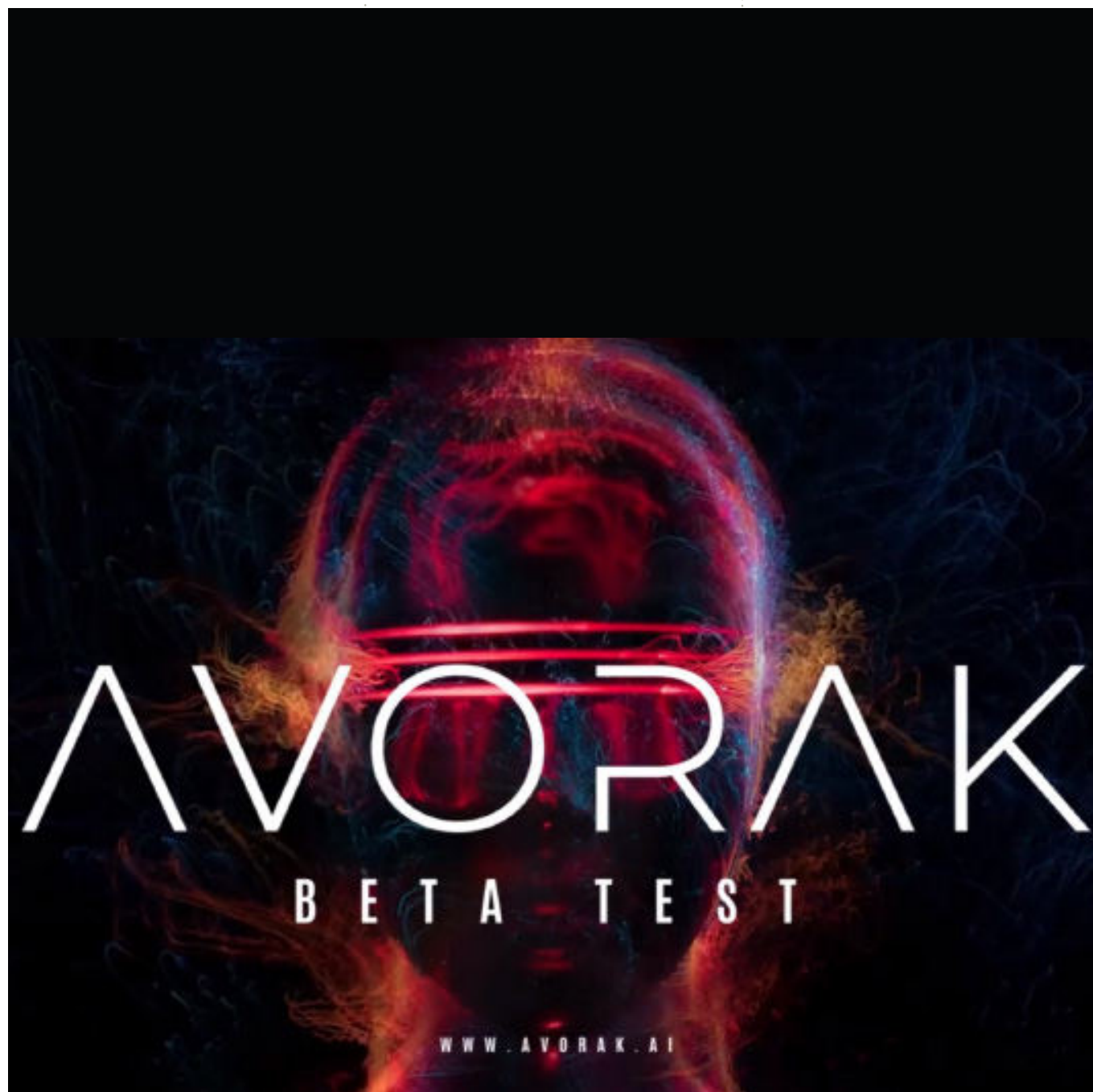
significant interest in the product after the general release.

With Avorak approaching the end of its ICO, the chance to get in early at under \$0.25 before the launch at \$1 is getting smaller every day.

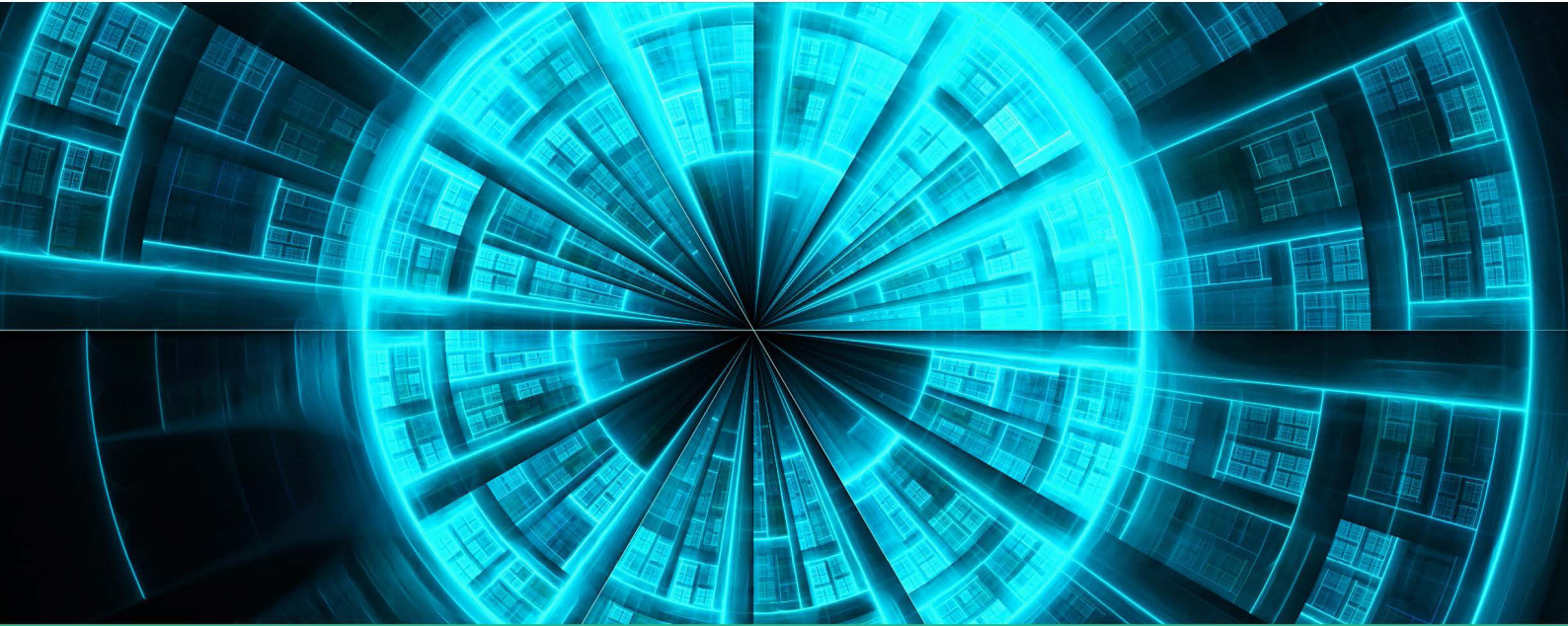
Want to learn more about Avorak AI or join the beta testing?

Website: <https://avorak.ai>

Buy AVRK: <https://invest.avorak.ai/register>







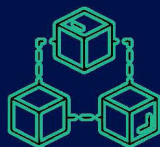
# Crypto markets are unpredictable

## But your investment doesn't have to be

As digital asset marketplaces increase in sophistication, so should your trading strategies. Enhanced Digital Group, Inc. was formed by a group of experienced derivative traders and is a first-of-its-kind company delivering wholesale structured products to institutions.



Tailored structured products



Meet suitability characteristics of a diverse crypto client base



Structure leveraged and unlevered products to match client strategy



Ability to restructure to meet clients needs

For more information visit [www.enhanceddigital.group](http://www.enhanceddigital.group) or email: [info@enhanceddigital.group](mailto:info@enhanceddigital.group)

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# NEWS ADVANCEMENT

## Fortnight Cryptocurrency Market Analysis

### YouTube helps recover hacked channel that attempted XRP crypto scams



YouTube's swift intervention ensured damage control by preventing XRP hackers from interacting with the channel's subscribers.

Prominent YouTuber DidYouKnowGaming was able to regain access to his YouTube channel, which an anonymous bad actor hacked to promote XRP \$0.48 cryptocurrency scams.

While hacking into YouTube channels to promote scams has been a long-standing method of targeting unwary investors, the number of creators on the platform reporting hacks has increased. Most recently, DidYouKnowGaming – a YouTuber with 2.4 million subscribers – warned his Twitter followers about a hack.

After gaining access to the account, the hacker changed the YouTuber's profile and cover images to Ripple's logo, as shown below.

YouTube's swift intervention ensured damage control by preventing XRP hackers from interacting with the channel's subscribers. Recently, one of the largest YouTube creators, Linus Tech Tips, also reported losing access to his channels.

While the exploit used by the hackers to gain access to YouTube accounts remains a mystery

[Read more](#)

### Mastercard Launches Crypto Credential Service for Cross-Border Transfers



The set of verification standards uses technology from CipherTrace, the well-known blockchain analytics platform Mastercard agreed to acquire in late 2021.

AUSTIN, Texas – The executive in charge of crypto products and blockchain at Mastercard (MA) said the payment processing company is bringing out a service designed to ensure transactions between users' wallets are verifiable and compliant, beginning with transfers of digital assets between countries.

In this first cross-border use case, the Mastercard Crypto Credential service, announced Friday by Raj Dhamodharan from the stage at Consensus 2023, allows wallets to be identified in transactions that are compliant with requirements such as the Financial Action Task Force's (FATF) "travel rule."

Mastercard Crypto Credential, a set of common standards for attestation of interactions, uses technology from CipherTrace, the well-known blockchain analytics platform Mastercard agreed to acquire in late 2021.

"If two people want to transfer value from one country to another country, the level of compliance and verification needed is complex," Dhamodharan said. "So how do you identify those wallets. And how do you exchange enough information about the other party?"

[Read more](#)



## Meme Coin PEPE Surges by 152% This Week, Now the Fifth-Largest Meme Token by Market Cap



Pepe (PEPE), the meme coin featuring the popular character Pepe the Frog, has experienced a significant surge in value in the past week, rising by 152.9% against the U.S. dollar. Recent statistics indicate that PEPE's market capitalization has surged from \$141 million on April 22 to a current valuation of \$303 million.

PEPE Jumps 99% in 24 Hours, Now Fifth-Largest Meme Token by Market Cap

On April 30, 2023, the top meme coin crypto assets by market capitalization are worth \$19.11 billion. Over the past 24 hours, the valuation of all meme tokens has risen 1.6%. However, only two out of the top five meme coins by market capitalization have seen gains. The newly launched cryptocurrency, pepe (PEPE), is leading the pack with triple-digit gains. Data collected from coingecko.com shows that over the last seven days, PEPE has risen 152.9%, with most of the gains coming from the last 24 hours as the token jumped 99% higher on Sunday.

Bitcoin.com News reported on PEPE and several other meme coin assets eight days ago. At that time, PEPE was the sixth-largest meme token asset by overall valuation. Today, PEPE is the fifth-largest, and the market capitalization recorded on April 22 of \$141 million has risen to more than \$303 million. On April 30, PEPE had \$149.63 million in global trade volume, hovering just below cardano's (ADA) daily volume on Sunday. The meme token is down 10% lower than its all-time high recorded on Sunday at \$0.000000813847 per unit.

[Read more](#)

## Binance CEO "CZ" Warns Justin Sun & Whales Over Misusing SUI Airdrop



Binance CEO "CZ" warns Justin Sun about taking action against him if he tries to misuse the Binance Launchpool's SUI airdrop.

Binance CEO Changpeng "CZ" Zhao on Monday said crypto exchange Binance will take action against Tron founder Justin Sun if he tries to misuse the Binance Launchpool's SUI airdrop starting today, May 1. The move came after Justin Sun dumped millions of TUSD stablecoins to Binance.

Justin Sun responded that he has no intention of participating in any exchange promotions and the TUSD transferred earlier were part of providing liquidity between leading TUSD exchanges.

Binance CEO in a tweet on May 1 revealed that the Binance team has warned Justin Sun over potential action against him if he uses TUSD transferred to Binance to grab the Launchpool SUI Token airdrop.

Binance CEO further added that the Binance Launchpool airdrops are for retail customers and not for him or any whales. He ended the tweet with a rough statement, saying "On the bright side, blockchains are transparent." It meant that if Justin Sun tries to get SUI tokens from this sale of TUSD they will get to know through blockchain data.

Justin Sun replied that the primary reason behind depositing TUSD is to facilitate market-making between leading TUSD exchanges

[Read more](#)

## Ethereum concludes April with a new ATH for ETH 2.0 deposit contracts



Although ETH staked and deposit contracts have reached new highs, ETH's price action has not necessarily reaped the benefits.

Now is a good time to assess Ethereum and its native coin's performance as April comes to its conclusion. ETH managed to push to a new YTD high during mid-month but investors' confidence has dwindled since.

However, there is one aspect of the network that may rejuvenate investors' interest.

Although ETH's price action has been affected by shifting market dynamics, there is one area in which Ethereum has maintained a more pleasing performance.

According to a recent Glassnode report, ETH 2.0 deposit contracts have been experiencing robust growth and recently reached a new all-time high.

But what does it mean for the network? Well, the higher deposit contracts reflect more confidence in the network.

It also reflects the growing amount of ETH staked. The total value of ETH staked stood at slightly over 19 million ETH and was at a new all-time high (ATH), at the time of writing.

Although ETH staked and deposit contracts have reached new highs, ETH's price action has not necessarily reaped the benefits.

[Read more](#)

## Coinbase exec uses ChatGPT 'jailbreak' to get odds on wild crypto scenarios



According to ChatGPT, there's a 15% chance that Bitcoin will "fade to irrelevancy," with prices falling 99.99% by 2035.

A Coinbase executive claims to have discovered a "jailbreak" for the artificial intelligence tool ChatGPT that allows it to calculate the probability of bizarre crypto price scenarios.

The crypto exchange's head of business operations Conor Grogan, an avid ChatGPT user, shared a screenshot of the results in an April 30 tweet — showing that ChatGPT states there be a 15% chance that Bitcoin BTC \$26,808 will "fade to irrelevancy" with prices falling over 99.99% by 2035.

Meanwhile, the chatbot assigned a 20% chance of Ether ETH \$1,539 becoming irrelevant and approaching near-zero price levels by 2035.

ChatGPT was even less confident about Litecoin LTC \$61.32 and Dogecoin \$0.06, however, attributing probabilities of 35% and 45% respectively for the coins to go to near zero.

The Coinbase executive concluded that ChatGPT is "generally" a "big fan" of Bitcoin but remains "more skeptical" when it comes to altcoins.

Prior to the cryptocurrency predictions, Grogan asked ChatGPT to assign odds to several political predictions involving Russian President Vladimir Putin, U.S. President Joe Biden and former U.S. President Donald Trump.

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# INTERVIEW

One of the leading Croatian Crypto Entrepreneurs

## Trust, UX and security in DeFi: Redefining the yield ecosystem with Cake DeFi CEO

*Julian Hosp*



*Julian Hosp, co-founder and CEO of Cake DeFi, taking a deep dive into what makes a DeFi ecosystem sustainable.*

In this interview, Anndy Lian discusses Web4 and its potential societal impact. He explores the evolving relationship between decentralization and artificial intelligence, the role of governments in a Web4 world and offers advice on navigating this emerging landscape.

To bring about much-needed evolution in DeFi, entrepreneurs will need to rethink business strategies to fit investors' evolving expectations for more than quick returns.

The first quarter of 2023 provided much-needed relief to the entire crypto community – from investors and miners to businesses and developers – as Bitcoin's BTC \$27,135 bull sprints helped crypto market participants recoup losses from prior investments.

However, not all sub-ecosystems managed to replicate the recovery with the same intensity. In particular, the decentralized finance (DeFi) sector suffered massive hacks, ultimately shaking investors' confidence.

The DeFi ecosystem initially attracted investors seeking passive revenue streams, but 2022's unforgiving bear market nullified many of the gains made from assets earned over time. As a result, both new and seasoned crypto entrepreneurs are now faced with the task of reinventing the DeFi wheel to offer sustainable investment opportunities as well as taking proactive measures to instill trust among investors.

The corner of the crypto market that promised customers outrageous annual returns mainly attracted people looking to make a quick buck, those who were not necessarily true believers of DeFi.

For more details about him. Please [click here](#).

### Social Contact



# ARTICLE

Research and Analysis By Cryptologist For You

## Crypto Universe Expands: The Emergence of Central Bank Digital Currencies



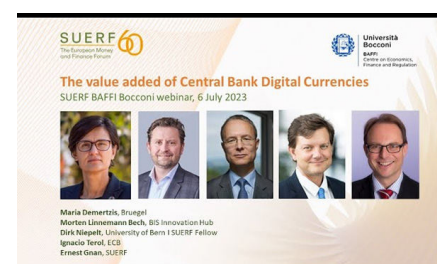
The dynamic realm of finance has birthed a new development: Central Bank Digital Currencies (CBDCs). These digital currencies, sourced from central banks, have become a trending subject among cryptocurrency enthusiasts. However, one might wonder what these currencies are, and why they matter to cryptocurrency investors. Let's explore the landscape of CBDCs in depth – no detail or explanation will be left unexplored.

### Comprehending Central Bank Digital Currencies

Central Bank Digital Currencies (CBDCs) denote a novel category of digital currency. These are issued and supervised by the central bank

of a specific nation. In essence, they provide the digital counterpart of the prevalent fiat currency of a nation, thereby maintaining the equivalent value as tangible cash. For instance, a digital dollar would hold equal value to a tangible dollar. CBDCs are intended to function in coordination with conventional monetary forms, including banknotes and coins, without aiming to supplant them. Their design is meant to offer a digital substitute for cash, which in turn fosters financial inclusion and facilitates the execution of fiscal and monetary policies. The operational framework of CBDCs mirrors that of traditional funds but in a purely digital format. Users can access their digital wallets via

mobile devices, and the utilization of blockchain technology paves the way for efficient payments with negligible fees. Furthermore, this technology serves as an unalterable ledger for transparent transaction monitoring. It's worth noting that CBDCs stand apart from cryptocurrencies, such as Bitcoin and Ethereum.





## The Prospects for Central Bank Digital Currencies (CBDCs)

Central Bank Digital Currencies (CBDCs) have numerous potential advantages. They pave the way for wider financial inclusivity, facilitate implementation of monetary and fiscal policies, and decrease the expenses of managing intricate financial systems and overseas transactions. When supported and regulated by government central banks, CBDCs offer a trusted method for digital currency exchange. Furthermore, they reduce the uncertainties that come with the volatile nature of cryptocurrencies.

## Potential Issues with Central Bank Digital Currencies

Even though Central Bank Digital Currencies (CBDCs) may hold the promise of revolutionizing the financial landscape, they also come with a range of potential risks and concerns. They raise questions, particularly in terms of financial stability, privacy issues, dangers posed by cybersecurity, and potential effects on the conventional banking system.

### Implications for Financial Stability

A crucial worry in the context of CBDCs is how they would influence financial stability. Accessible and interest-earning CBDCs could trigger a shift, known as disintermediation, where individuals and businesses opt to keep their money directly with the central bank, bypassing commercial banks. Over time, this could reduce available credit and possibly threaten the stability of the banking industry.

## Privacy and Security Concerns

Privacy forms an integral part of the discussion around CBDCs. CBDCs can potentially boost the confidentiality of digital transactions and ensure privacy protection. Nonetheless, their design must align with estab-

lished privacy norms and regulations. Striking a fine line between facilitating transparent transactions for regulatory surveillance and preserving user privacy is a crucial design consideration for CBDCs.

Furthermore, CBDCs, due to their digitized nature, are susceptible to cyber threats. Therefore, it is incumbent upon the central bank to fortify cybersecurity measures to safeguard against any potential risks and retain confidence in the system.

### Influence on Conventional Banking Systems

The launch of CBDCs may exert a significant impact on conventional banking systems. Should CBDCs be sufficiently adopted on a broad scale, it may lead to a phenomenon of digital currency substitution. Under this, individuals may favor using digital currency over traditional monetary forms. This may spur heightened competition within the banking domain and potentially upset the existing financial frameworks.

## The Dynamic of Cryptocurrencies and CBDCs

Cryptocurrencies and Central Bank Digital Currencies (CBDCs) illustrate diverse facets of the same digital coin. However, each encompasses unique principles and operations. A sound comprehension of their correlation is instrumental in navigating the future landscape of digital finance.

It's worth noting that although CBDCs fall under the category of digital currencies, they are distinctly not cryptocurrencies. Both can be characterized as digital assets, but cryptocurrencies bear a decentralized nature and rely on blockchain technology, typically devoid of a central governing authority. In

contrast, CBDCs are a creation of and regulated by the central bank of a nation, serving as the digital counterpart of fiat currency.

Despite these nuances, CBDCs exist as a vital component in the extensive crypto ecosystem. They have the capability to form a conduit between conventional finance and the domain of digital assets. CBDCs possess the potential to usher benefits of digital currencies, such as expedited and effective transactions, into the traditional financial framework.

## Impact on Cryptocurrencies

The introduction of CBDCs could have a significant impact on the crypto market. On one hand, CBDCs could provide a more regulated and trusted alternative to cryptocurrencies, potentially reducing their appeal. On the other hand, the development of CBDCs could legitimize the concept of digital currencies and promote their acceptance, potentially benefiting the crypto market.

## CBDCs and Cybersecurity

With the growth of internet and telecommunications networks, the cyber threat landscape has become more complex. Recent attacks in decentralized finance highlight potential operational and reputational risks. Central banks need to acknowledge the complex threat landscape created by CBDC systems and adopt modern technologies for security and resilience.

## Conclusion

In conclusion, CBDCs represent a significant development in the world of finance and cryptocurrency. They offer potential benefits but also pose significant challenges and risks. As a crypto investor, it's essential to stay informed about these developments as they could significantly impact the crypto landscape.

