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- Paraguay's proposed Bitcoin mining ban could cost \$200M a year
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**STABLECOINS** 

THE SAFE HAVEN OF THE CRYPTO WORLD

**Interview:** Successful **Entrepreneur** Charlie

Lee



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## **MARKET ANALYSIS**

#### Fortnight Cryptocurrency Market Analysis

Hello, welcome to this week's edition of Cryptologist For You Magazine. The global crypto market cap is \$2.68 Trillion, Up 170 Billion since the last week. The total crypto market trading volume over the last 24 hours is at 100.95 Billion which makes a 64.48% increase. The DeFi volume is \$9.86 Billion, 9.77% of the entire crypto market's 24-hour trading volume. The volume of all stable coins is \$90.57 Billion, which is 89.71% share of the total crypto market volume the last 24 hours. The largest gainers in the right now are Liquid Restaking Tokens and Ether.fi Ecosystem cryptocurrencies.

Bitcoin's price has increased by 6.65% from \$66,830 last week to around \$71,275 and Ether's price has increased by 9.79% from \$3,370 last week to \$3,700

Bitcoin's market cap is \$1.40 Trillion and the altcoin market cap is \$1.28 Trillion.

Bitcoin's range break above the \$70,000 level boosted altcoin prices and hints at the possibility of a new BTC all-time high. The Bitcoin halving is less than 11 days away and Bitcoin is approaching the event with strength. This shows that the sentiment remains positive, and traders are buying on dips. CoinShares data shows digital investment products saw \$646 million in inflows last week. That takes the year-to-date inflows to \$13.8 billion, far higher than the \$10.6 billion in 2021.

On-chain analytics firm Santiment said in a X post that inflows into spot Bitcoin exchange-traded funds (ETFs) are likely to remain high until the Bitcoin halving. However, the firm added "it will be interesting to see whether a drop-off in ETF volume and on-chain volume will occur directly afterward." It is difficult to determine how the markets will behave just after halving, but analysts remain bullish on the long term. SkyBridge Capital CEO Anthony Scaramucci said in an interview with CNBC that Bitcoin could soar to \$170,000 during the cycle. Eventually, he expects Bitcoin to trade at "half the valuation of gold" but warns of volatility en route.

Crypto venture capital founder Andrew Kang believes memecoins have carved out a strong niche in the digital asset space, and could be a major driver of profitability in the current market cycle.

In an April 7 post on X, Kang, who founded Mechanism Capital, likened memecoins to "culture coins," and said the new class of tokens could exceed Dogecoin and Shiba Inu in popularity. "Communities with strong values and identities naturally try to convert others to their beliefs and publicly display what it is they love about their lifestyle. They are inherently viral," he said.

Solana has emerged as the leading network for launching memecoins, with the likes of Jeo Boden (BODEN) and Doland Tremp (TREMP) being the latest examples of coins to gain significant popularity. Since launching on March 9, BOEN has returned more than 700,000%.

# Percentage of Total Market Capitalization (Dominance)

Bitcoin	49.95%
Ethereum	15.71%
Tether	3.79%
Solana	2.85%
Binance Coin	3.20%
XRP	1.20%
Cardano	1.03%
Dogecoin	0.77%
Others	21.50%





# OMEGA NETWORK

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## PRESS RELEASE

Fortnight Cryptocurrency Market Analysis

# DTELECOM MIGRATES FROM ARBITRUM TO DEPIN LAYER-1 PEAQ



dTelecom, the innovative DePIN functioning as a live streaming and real-time communications layer for apps and decentralized apps (dApps), will soon migrate to peaq as its layer-1 blockchain as it prepares to leave the Arbitrum ecosystem.

peaq, the layer-1 blockchain for machine RWAs (real-world assets) and DePINs (Decentralized Physical Infrastructure Networks), today announced it would soon welcome dTelecom, an innovative DePIN for audio and video conferencing and live streaming, to its ecosystem to decentralize real-time communications.

#### dTelecom Prepares Its Migration To peaq

dTelecom will soon join the peaq blockchain as its layer-1 support to enable it to offer decentralized communication. peaq, the blockchain for real-world applications and DePINs, will grow as dTelecom, a DePIN for audio and video conferencing and live streaming, leaves Arbitrum. dTelecom will leverage the peaq SDK and peaq ID as part of its infrastructure and will deploy its core business logic on the blockchain, with plans to launch its token on the network.

Video streaming has become a global phenomenon and has become essential for the entertainment industry, with popular streaming site Netflix accounting for over 260 million subscribers globally. Video streaming is also central to platforms such as the popular live-streaming site Twitch. Twitch attracts around 240 million individuals monthly, offering a platform for live-streams of videogames, arts and crafts, and many other fun activities.

Video streaming services became virtually the only tool for effective communication when the global pandemic forced everyone into isolation. Streaming technology has become an essential part of communication, and unsurprisingly, the video streaming market is expected to grow to almost \$2.5 trillion by 2032.

Despite its immense popularity, video streaming is centralized and raises concerns over user safety.

Centralized servers are a goldmine for hackers. They are vulnerable to other issues, including censorship and lack of transparency.

#### dTelecom Addresses Concerns Of Centralization

Recognizing the potential issues surrounding centralized servers, dTelecom stepped in to address these concerns. dTelecom is building an alternative to centralized video and audio streaming protocols and handing power back to the hands of the community. dTelecom's DePIN is made up of community-operated nodes enabling the decentralized distribution of live video and audio flows, operating as a live-streaming and real-time communication layer for apps and dApps.

The network powers a decentralized, open-source, **Zoom-like video conferencing web application**, with an added reward incentive for participation. dTelecom also enables a **Web3 streaming platform** and voice chat for **play-to-earn games such as 2040World**.

#### **Leveraging Several peag Features**

dTelecom's integration with peaq includes leveraging peaq SDK, a versatile building kit for developers, and implementing peaq IDs as the decentralized identities for network nodes and users.

The network's integration will also see several other events occur, including:

- 1. Migrating smart contracts over from the Arbitrum testnet while setting up a reward distribution mechanism on the network also enabling nodes to migrate.
- 2. The integration will allow onboarding for new nodes on peaq.
- 3. dTelecom will run its Token Generation Event on peaq and eventually launch a native token on the network.

Petr Malyukov, co-founder of dTelecom, commented:

"We are changing the game for a whole variety of services and platforms that leverage audio and video streams with the DePIN model."

#### Adding;

"dTelecom can power anything from a Web3 Discord to a decentralized Netflix, and with peaq as its secure and scalable backbone, we are certain we can disrupt this billions-worth centralized market."

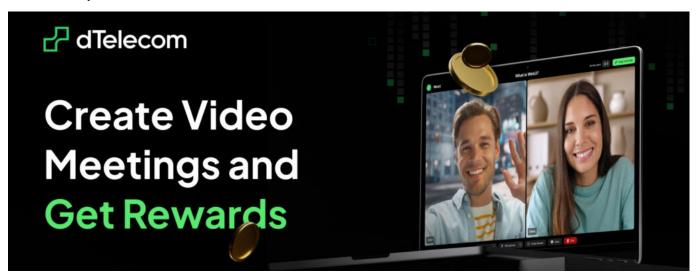
peaq's co-founder, Till Wendler, said:

"Live streaming is an exciting DePIN use case with a billions-worth potential market reach. We are sure that dTelecom will create a lot of value as part of the peaq ecosystem and are looking forward to seeing it transform live-streaming as we know it."

#### More About peaq

peaq is leading a global infrastructure revolution, empowering people to own and earn from smart mobility, energy, connectivity, greentech, agriculture, and digital infrastructure. With the future in mind, peaq is a layer-1 blockchain designed to be the go-to support for DePINs (real-world applications).

The blockchain is currently home to over 20 applications spanning eight (8) industries and running over 250,000 devices, vehicles, machines and robots (Machine RWAs). peaq serves as a permissionless, borderless digital infrastructure for intelligent machines, aiming to serve all of humanity. The blockchain's ultimate goal is to serve all of society, not just the fortunate 1%, by democratizing abundance in the Age of AI and job automation



# **NEWS ADVANCEMENT**

Weekly Cryptocurrency Market Analysis

# Bitcoin Cash completes halving weeks before Bitcoin's turn



Bitcoin Cash underwent its halving just a few weeks before Bitcoin's quadrennial event.

The halving for Bitcoin Cash (BCH) happened Thursday, reducing block rewards to 3.125 BCH. Unlike bitcoin, this is only the second such event for the forked network. The last halving took place in early April 2020, with block rewards falling to 6.25 BCH.

BCH spiked to prices not seen since 2021 following its halving event, hitting a high of around \$700 in early Friday hours before it settled around \$660. The jump marks a 10% increase over the past seven days.

The price action is nowhere near its all-time highs in 2017 when it traded over \$9,500, according to Coinbase data.

BCH, a proof-of-work blockchain, was intended to be a cheaper and faster alternative to the original bitcoin chain, from which it forked in 2017.

Bitcoin Cash's market cap sits around \$13 billion, far below the \$1.3 trillion market cap set by bitcoin. The price, however, has gradually increased as the forked blockchain shadowed bitcoin's gains.

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# Paraguay's proposed Bitcoin mining ban could cost \$200M a year



Bitcoin mining has provided a "positive contribution to Paraguay's trade balance," and a ban could dent the economy, argues Hashlabs Mining's co-founder.

The Paraguayan economy could lose more than \$200 million annually if the country's lawmakers pass a recently introduced bill to ban crypto mining in the country.

Lawmakers introduced the draft bill on April 4, claiming illegal cryptocurrency mines steal power and disrupt the country's electricity supply. If passed, the ban would last 180 days or until new laws are enacted and the national power grid operator can ensure it can supply sufficient energy.

But a ban on lawful miners operating in the region could prove costly for the South American country, according to Hashlabs Mining co-founder and chief mining strategist Jaran Mellerud, who recently spoke with Cointelegraph:

Banning Bitcoin mining could cost Paraguay more than \$200 million a year, assuming the country has 500 megawatts of legal miners paying \$0.05 per kilowatt-hour in operating expenses."

Markets of this size aren't common in Paraguay either, which boasts a rather small population of 6.8 million people and the 94th-largest gross domestic product in the world at \$41.7 billion, according to Worldometer, citing 2022 data.

# Uniswap hits a historic \$2 trillion in trading volume



Uniswap Labs announced trading volume for its protocol has surpassed \$2 trillion.

The most popular decentralized exchange, or DEX, in terms of trading volume, has continued to be one of Ethereum's most dominant DeFi applications since being founded in 2018.

The world's most popular decentralized exchange by trading volume announced it has passed a whopping \$2 trillion in total trading volume.

In a post to the social media platform X, Uniswap UNI -14.58% Labs announced that the cumulative trading volume transacted using its protocol had hit the historic mark. Since its founding in 2018, Uniswap has been one of the most used DeFi applications on the Ethereum ETH +1.83%blockchain and the leading decentralized exchange, or DEX, by trading volume.

Uniswap Labs also posted a link to a Dune Dashboard that tracks the protocol's all-time trading volume. In the last 24 hours, Uniswap trading volume was nearly \$2.9 billion, according to the dashboard.

Unlike profit-driven, centralized exchanges like Coinbase, Kraken and Binance, Uniswap is a decentralized exchange, and its protocol is open source.

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# Ripple CEO Expects Crypto Market Cap to Surge 100% to \$5 Trillion In 2024



Ripple's CEO is hopeful for favorable US crypto regulation changes under the new administration post the US elections.

Ripple CEO Brad Garlinghouse maintains a positive outlook on the crypto market's performance in 2024, fore-seeing a doubling in size by year's end. With the broader crypto market cap already up 60% since the beginning of the year, reaching \$2.58 trillion, Garlinghouse anticipates it will surpass \$5 trillion by the end of the year.

Key Events To Push Crypto Markets Higher

The Ripple CEO cited some of the macro factors as well as the arrival of spot Bitcoin ETF, and the upcoming Bitcoin halving, which will trigger a major rally in the crypto space. Speaking to CNBC, Garlinghouse said:

"I've been around this industry for a long time, and I've seen these trends come and go. I'm very optimistic. I think the macro trends, the big picture things like the ETFs, they're driving for the first time real institutional money. You're seeing that drives demand, and at the same time demand is increasing, supply is decreasing. That doesn't take an economics major to tell you what happens when supply contracts and demand expands."

The much-awaited Bitcoin halving event is just 12 days from here which will lead to a major supply shock thereby driving the Bitcoin price higher. "The overall market cap of the crypto industry ... is easily predicted to double by the end of this year ... [as it's] impacted by all of these macro factors," Garlinghouse said.

#### **Restaking Emerges as Ethereum's** Second Largest DeFi Sector



Restaking has rapidly emerged as a vital element of Ethereum's infrastructure: however, financial and security vulnerabilities are a concern.

A recent report by Coinbase Research uncovered that restaking has emerged as the second-largest sector in decentralized finance (DeFi) on Ethereum.

The study highlights EigenLayer's restaking protocol as an important component for new services and middleware on the Ethereum network, potentially offering significant ETH rewards for validators in the future.

#### EigenLayer's Restaking Protocol

Ethereum's proof-of-stake (PoS) consensus mechanism is the largest economic security fund in the crypto space, with nearly \$112 billion. While validators securing the network traditionally earned base rewards on lockedup ETH, the introduction of liquid staked tokens (LSTs) paved the way for participants to engage with DeFi by trading or leveraging their staked assets.

EigenLayer's restaking protocol, launched on Ethereum mainnet in June 2023, has quickly grown to become the ecosystem's second-largest DeFi protocol by total value locked (TVL), currently at \$12.4 billion.

This protocol enables validators to earn additional rewards by securing actively validated services (AVS) by restaking their staked ETH and introducing a new income stream known as "security-as-a-service."

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#### Binance Users Stake Record \$13 **Billion to Earn Saga Gaming Token** Rewards



Saga's token is launching next week, and Binance customers are showing record-breaking interest in its rewards campaign.

There's clear interest in the upcoming token for the Saga layer-1 blockchain network, just days ahead of next week's listing. In fact, Binance customers have already broken a record for the most cryptocurrency staked to earn SAGA token rewards via the crypto exchange's Launchpool campaign platform.

Binance users have staked more than \$13.1 billion worth of Binance Coin (BNB) and the FDUSD stablecoin to earn a share of the 45 million SAGA tokens being offered up through the platform, or half of the token's initial circulating supply.

Saga declared the earlier \$13 billion mark a record on Twitter Friday, and based on Decrypt's own analysis of past Launchpool campaigns, that does appear to be the case. Recent Launchpool campaigns for tokens like ENA and ETHFI have come close to the \$13 billion mark, but Saga appears to have be the first to break that barrier based on the value of BNB at the time.

Another gaming token, Portal (PORTAL), had previously set a record of \$8.6 billion on Binance Launchpool in February. But thanks to the rising price of BNB, every token launch since then has handily surpassed that tally.

# Bitcoin bulls nudge at \$70K as BTC price sees 'not typical' weekend



Bitcoin is "well positioned" for a strong weekly close, but not everyone is trusting of traditionally unreliable weekend BTC price action.

Bitcoin BTC \$70,851 headed higher into the April 7 weekly close as uncharacteristic weekend BTC price action boosted bulls.

BTC price echoes initial run to \$70,000 Data from Cointelegraph Markets Pro and TradingView showed a sudden move above \$69,000 during the weekend, with Bitcoin hitting local highs of \$69,781 on Bitstamp.

With the close now just hours away, traders evoked similar weekend scenarios, hoping that upside would continue into the new week.

"Not your typical weekend, as price has mostly grinded up the entire weekend instead of just hovering at the same level," popular trader Daan Crypto Trades told followers on X (formerly Twitter).

"We've seen this kind of price action a few times during our initial move to 70K+. Often saw a quick wick after futures re-open, back into up only."

For Michaël van de Poppe, founder and CEO of trading firm MNTrading, the area immediately above \$69,000, in which BTC/USD was acting at the time of writing, was "crucial."

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# Grayscale drops Cardano and Cosmos from its crypto funds in quarterly rebalancing



Following the news, ADA and ATOM have faced considerable price struggles during the past day,

Prominent crypto asset management firm Grayscale has removed two high-profile digital assets, Cardano and Cosmos, from its multi-asset funds as part of its quarterly fund rebalancing.

In an April 4 press statement, the firm revealed that it removed Cardano from its Grayscale Digital Large Cap Fund (GDLC) and Cosmos's ATOM token from the Grayscale Smart Contract Platform Ex-Ethereum Fund (GSCPxE).

Why Grayscale removed Cardano and Cosmos
According to the firm, the changes were prompted by
CoinDesk's recent rebalancing of its industry sector indices. Grayscale further explained that the components
and weightings of each asset are determined according
to each index's methodology and are subject to change
without notice.

Consequently, the Cardano held in GDLC was sold off, with the proceeds reinvested in other fund components based on their weightings. The fund's current weightings include over 70% Bitcoin, 21.84% Ethereum, 4.52% Solana, and less than 3% in XRP and Avalanche.

Similarly, Cosmos was divested from GSCPxE, and the proceeds were utilized to acquire other fund components in proportion.

## INTERVIEW

#### One of the leading Crypto Entrepreneurs

Fungibility is the only property of sound money that is missing from Bitcoin & Litecoin.

Charlie Lee



Charlie Lee is a computer scientist and the founder of the Litecoin digital currency, which some have previously characterized as the digital silver to Bitcoin's digital gold. Lee holds both bachelor's and master's degrees from the prestigious Massachusetts Institute of Technology. Lee created Litecoin while working at Google. He also worked at cryptocurrency exchange Coinbase as Director of Engineering until the platform added support for Litecoin.

In the professional realm, Lee devoted a decade of his career during the 2000s to Google, contributing significantly by writing code for Chrome OS. His curiosity about Bitcoin in 2011 led him to conceptualize and release Litecoin on Bitcointalk in October of the same year. This creation, which he developed during his tenure at Google, was based on Bitcoin's blockchain technology.

Joining Coinbase in July 2013 marked a significant transition for Lee, especially since the exchange later embraced Litecoin, the cryptocurrency he developed. However, in December 2017, he made a candid announcement on Reddit, disclosing that he had sold or donated nearly all of his Litecoin holdings. This decision stemmed from potential conflict of interest concerns, as his public statements could have influenced Litecoin's price. Lee retained a few physically minted Litecoin tokens as keepsakes.

"I think increased regulation will help to reduce the volatility of the coin. A lot of the recent gains have had a lot to do with countries like (South) Korea and Japan really getting into the cryptocurrency space,"

"Ever since China banned the bitcoin exchanges, (South) Korea has really taken up the mantle. There is a lot of frenzy in (South) Korea right now and I think that's driving up the price."

"I believe that as we grow, more and more people will look into litecoin and see that as a good investment asset also. I hope to see litecoin futures one day."

For more details about him. Please click here.

**Social Contact:** 







## ARTICLE

Research and Analysis By Cryptologist For You

# Stablecoins: The Safe Haven of the Crypto World?



In the ever-volatile landscape of cryptocurrency, investors and enthusiasts are constantly on the lookout for stability amidst the tumultuous waves of market fluctuations. A type of cryptocurrency designed to offer the best of both worlds: the instant processing and security of payments of cryptocurrencies, and the stable valuations of fiat currencies. But does this make stablecoins the safe haven of the crypto world? Let's delve deeper.

#### What Are Stablecoins?

At their core, stablecoins are cryptocurrencies that are pegged to a stable asset, like the US dollar, other fiat currencies, or even commodities like gold. This pegging mechanism aims to reduce volatility, making stablecoins an attractive option for

daily transactions, remittances, and as a safe harbor during periods of significant crypto market volatility.

#### The Promise of Stability

The primary allure of **stablecoins** lies in their promise of stability. In a market where double-digit price swings within a single day are not uncommon, the relative calm offered by stablecoins is indeed appealing. They allow for the benefits of digital, blockchain-based transactions without the rollercoaster ride associated with traditional cryptocurrencies like Bitcoin or Ethereum.

#### Safe Haven in Turbulent **Times**

During times of market turbulence, investors often flock to what they

perceive as safe assets. In the traditional financial world, this typically means gold or government bonds. In the crypto universe, play a similar role. When the crypto market is bearish, investors may convert their assets into these coin to preserve their value, waiting for the right moment to re-enter the market.

#### Use Cases and Advantages

Beyond serving as a digital safe haven, stablecoins have practical use cases that enhance their appeal. They make it easier to transact across borders without worrying about exchange rate fluctuations, offer a stable medium for digital contracts, and facilitate easier access to cryptocurrencies for newcomers wary of volatility.

Moreover, these are pivotal in the burgeoning field of decentralized finance (DeFi), where they provide the stability needed for lending, borrowing, and earning interest on digital assets without the traditional banking system.

#### The Risks and Criticisms

However, it's essential to recognize that stablecoins are not without their risks and criticisms. The stability of a stablecoin is heavily dependent on the integrity and management of its reserves—the assets to which the stablecoin is pegged. Mismanagement, lack of transparency, or regulatory issues with these reserves can undermine the stability of the stablecoin, potentially leading to a loss of trust and value.

Furthermore, regulatory scrutiny is a significant concern. Governments and financial authorities worldwide are still grappling with how to regulate to prevent money laundering, ensure financial stability, and protect consumers without stifolding innovation.

### Are Stablecoins Truly the Safe Haven?

To answer this question, one must consider both the unique benefits and the potential risks associated with stablecoins. They undoubtedly offer a semblance of stability and a refuge during periods of significant volatility in the broader crypto market. Their utility in facilitating transactions, both within the crypto ecosystem and in the traditional financial system, cannot be understated.

Yet, like any investment, they are not entirely risk-free. The assurance of stability is as good as the management of the underlying assets and the regulatory environment in which they operate. Investors and users must perform due diligence, staying informed about the it's backing, governance, and compliance with regulations.

#### The Future of Stablecoins

Looking ahead, the trajectory of stablecoins appears promising but will be closely tied to regulatory developments and the evolution of the crypto market at large. As the technology matures and more people become comfortable with digital currencies, It could play a crucial role in the broader adoption of cryptocurrency, acting as a bridge between the traditional and digital finance worlds.

#### Conclusion

while stablecoins offer a relatively safer harbour within the crypto world, they are not entirely devoid of risk. Their future success and stability will hinge on transparent management practices, regulatory clarity, and the continued faith of the crypto community. For now, they remain a fascinating and vital part of the cryptocurrency ecosystem, providing a much-needed anchor in the digital currency storm.



