



Huobi Research Weekly (Vol.9)

2018/5/8

Related Report

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《Huobi Research Weekly (Vol.7)》 2018-4-23

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Abstract

The market cap kept rising this week, while transaction volume of cryptocurrencies declined lightly this week, and LTC market cap rank replaced ADA. On May 6, the total market cap of the TOP100 cryptocurrencies hit 436.55 billion dollars, a 5.83% increase from previous week. Also, over half of the market cap of TOP100 cryptocurrencies increased to varying degrees, among which 11 currencies experienced a spike of over 20%. 24h total market trading volume decreased by 12.42% compared to that of the previous week. LTC market cap hit 9.89 billion dollars, which surpassed ADA. Bitcoin was traded at 9751.33 US dollars, higher than last week by 3.69%, price of Ethereum was 805.52 US dollars, up by 17.05% from last week.

Hash rate of the network increased slightly within this week, The number of Ethereum nodes in China increased by 22.5%. Hash rate for bitcoin increased by 4.03% and hash rate for ethereum increased by 5.96%. The average transaction fee in Bitcoin network this week was 1.76USD, a decrease of 7.68% from that of previous week. The average transaction fee in Ethereum network was 0.44 USD, a decrease of 10.93% from last week.

In terms of technical activity, the number of unconfirmed transactions in Bitcoin network decreased by 21.1. Total number of the Bitcoin addresses reached 24.50 million, and total number of Ethereum addresses reached 32.91 million. The most active group at Github was Rchain, the team had 176 commits in the past week.

In terms of community activity, the top3 famous communities in social media remain unchanged. Bitcoin, Ripple and Ethereum were top3 on Facebook and Twitter. Referum has the largest community on telegram, and the most popular telegram group in the past 24hours was GIF by SOCIF.

New digital assets fundraising this week mostly come from the United Kingdom, with blockchain infrastructure projects capturing most of the market attention. This week, 114 new digital asset projects finalized the public funding process, most of them were from the UK, the US and Russia; and most of them focus on blockchain infrastructure area, followed by areas of blockchain finance and platform etc. Among 2 fundraising projects in the blockchain area that we followed, both of them were strategic investment.

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1. Weekly Market Review

1.1 Market overview

This week, blockchain asset market capitalization kept rising and the market cap of 11 projects rose by more than 20%. According to coinmarketcap, as of May 6, 2018, the total market cap of the TOP100 cryptocurrencies was 436.5 billion U.S. dollars, an increase of 5.83% from last week, and the market cap of 11 projects rose by more than 20%. Among them, LOOM had the highest increase of 77.5%, and the market cap ranking rose 29 places. Followed by POLY, the market cap increased by 71.6% compared with last week, ranking up 6 to 96th. In addition, CMT (market cap increased 55.62%), and ETN (market cap increased 19.5%) entered TOP100 this week. The highest decline in market cap this week was XIN, which dropped 13 places to 56th place. As of May 6, 2018, Bitcoin was traded at 9751.33 US dollars, higher than last week by 3.69%, price of Ethereum was 805.52 US dollars, up 17.05% from last week.

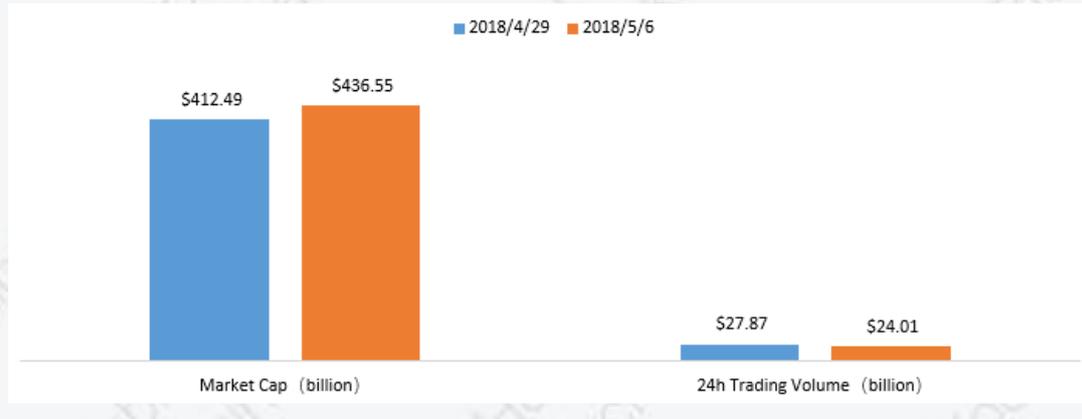
Table 1.1: Top Five Price Increases and Declines

Symbol	Price decrease	Symbol	Price increase
XIN	-28.31%	POLY	71.56%
BTM	-18.21%	LOOM	69.65%
EOS	-16.80%	CMT	55.62%
GTO	-15.73%	FSN	37.53%
PPT	-15.26%	ZIL	31.58%

Source: coinmarketcap

The 24h trading volume declined slightly this week, with a decrease of 12.42% compared with last week. On May 6, 2018, the 24h trading volume increase significantly by 12.42% compared with the same period of last week, and 7 projects rose by more than 100%, of which the highest was LOOM with an increase of 1683.04%. Followed by MKR, the 24h trading volume increase by 809.94% compared with last week. This week, there were 56 projects with 24h trading volume decline, of which 20 projects fell more than 50%, of which the highest was ADA, a drop of 82.00%.

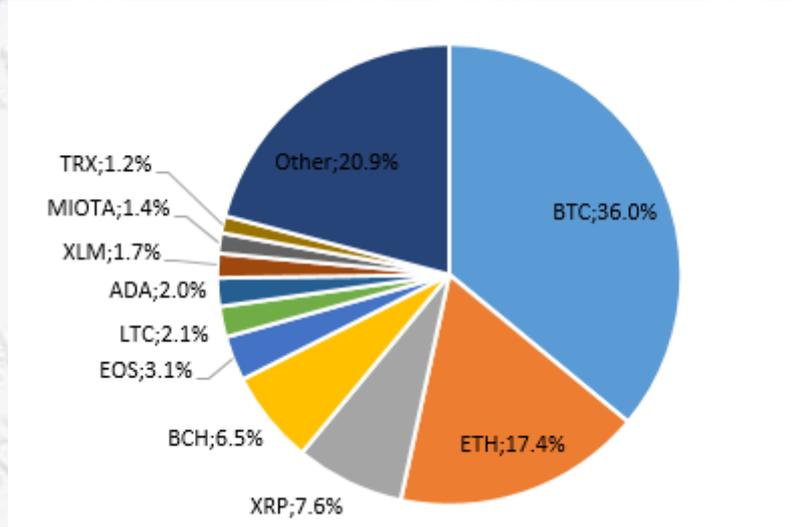
Figure 1.1: The Market cap and 24-hour Trading Volume for TOP100 cryptocurrencies



Source: coinmarketcap

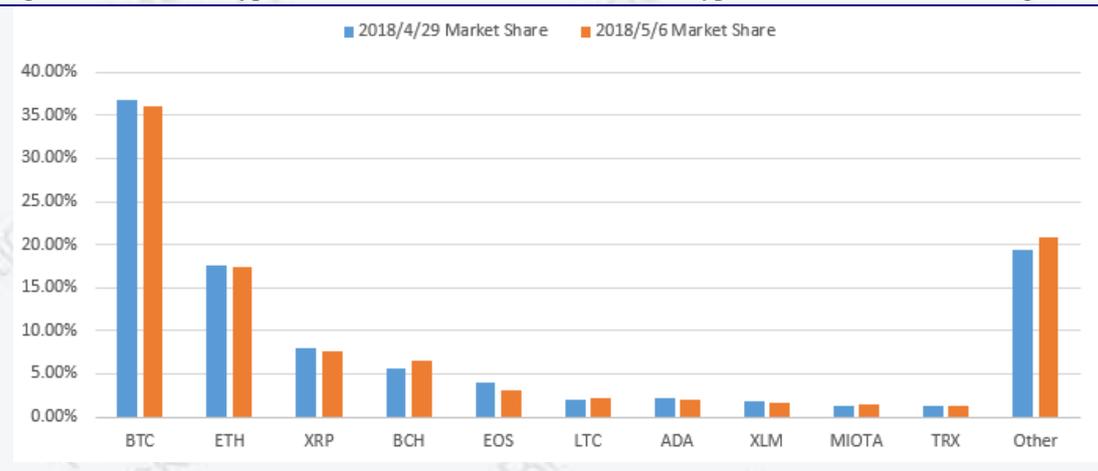
The TOP10 cryptocurrencies’ market share remained stable, EOS was the only one declined in TOP5, and LTC market cap rank replaced ADA. On May 6, the market cap of TOP10 cryptocurrencies was USD 364.5 billion, an increase of 6.6% from last week, accounting for 79.11% of the total market capitalization of cryptocurrencies, with a slight decline compared with last week. EOS market capitalization decreased by 15.28%, but remained in TOP5; LTC market cap rose 14.69% and surpassed ADA. The market share of the 4 cryptocurrencies in the TOP10 declined last week. Bitcoin’s market share decreased the most this week, which was 36.02%, remained stable compared with last week.

Figure 1.2:TOP10 Cryptocurrencies’ Market Share of Total Cryptocurrencies Market



Source: coinmarketcap

Figure 1.2: TOP10 Cryptocurrencies' Market Share of Total Cryptocurrencies Market Changes

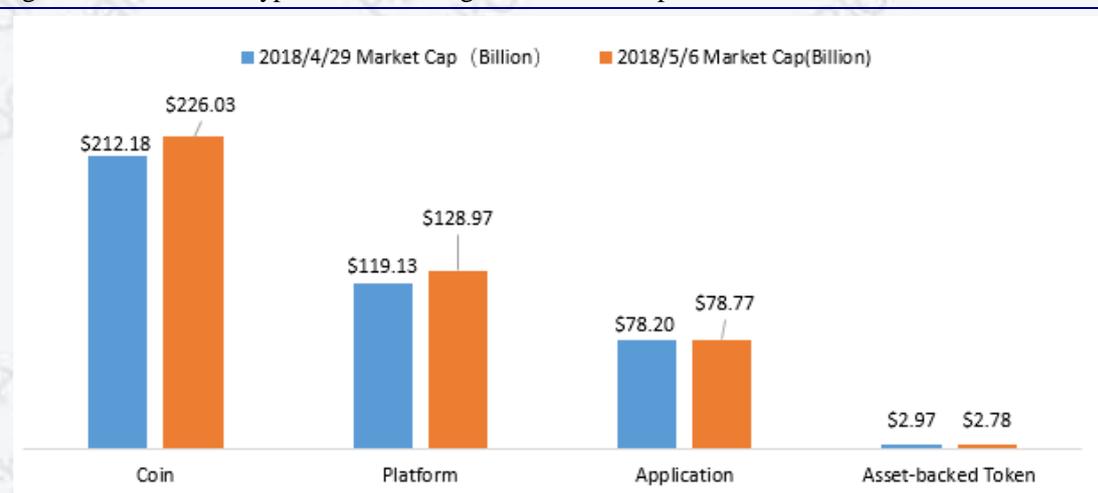


Source: coinmarketcap

1.2 Segment Analysis

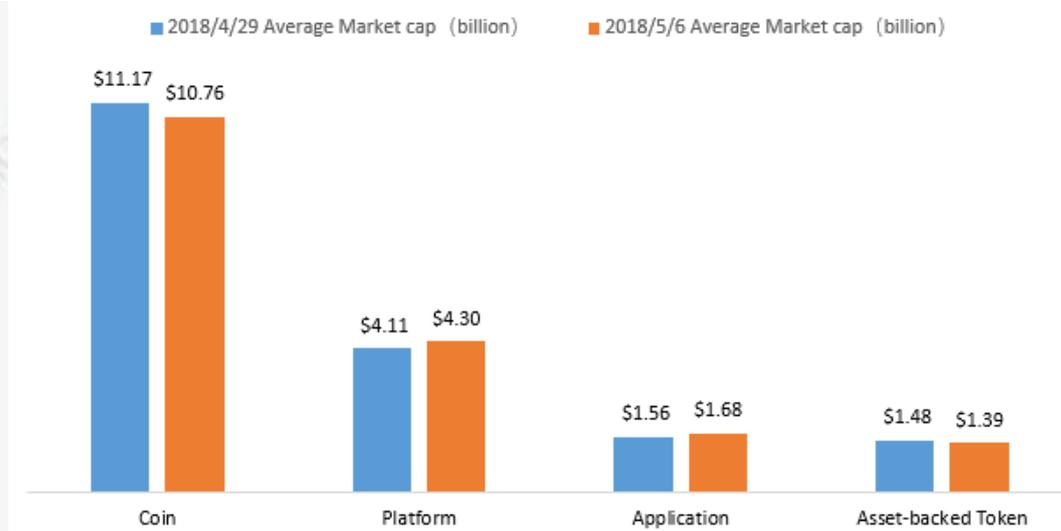
The market cap of platform class projects rose the most, with the average market cap of application class rose the most. As of May 6, 2018, in the global TOP100 cryptocurrencies by market cap, the market cap of platform class projects rose by 8.25% over the previous week, accounting for the largest increase. This week, the market cap of asset-backed token projects decreased from last week and the market cap decreased by 6.2%. In addition, the average market cap of application projects this week was 1.68 billion US dollars, with an increase of 7.16% over the previous week, accounting for the largest increase.

Figure 1.4: TOP100 Cryptocurrencies Segment Market Capitalization



Source: coinmarketcap

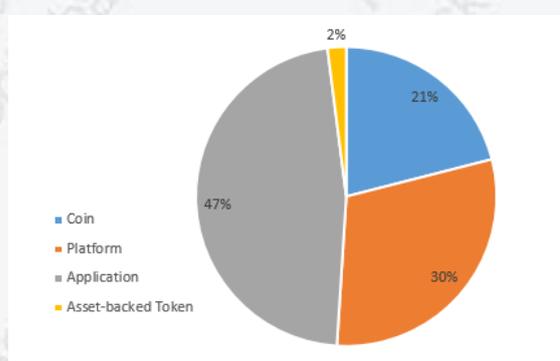
Figure 1.5: TOP100 Cryptocurrencies Segment Average Market Value



Source: coinmarketcap

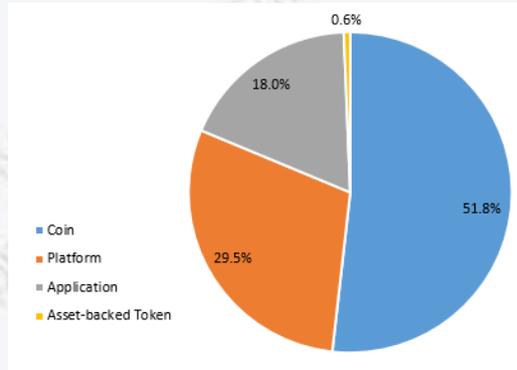
The classification of global TOP100 cryptocurrencies remained stable. As of May 6, 2018, among the TOP100 cryptocurrencies by market capitalization, the proportion of the number of projects has remained stable compared to last week. The number of coin projects increased by 2, the number of platform class projects increased by 1, the number of application class projects decreased by 3. The largest market cap was still coin project, accounting for 51.78%, with a slight increase compared with last week.

Figure 1.6: TOP100 Cryptocurrencies Segment Ratio



Source: coinmarketcap

Figure 1.7: TOP100 Cryptocurrencies Segment Market Share



Source: coinmarketcap

Note: According to the different attributes of cryptocurrencies, Huobi Academy of Blockchain Application will divide them into four categories: Coin, Application Class, Platform Class and Asset-backed Token.

Coin Project: Refers to a type of asset developed based on blockchain technology that does not correspond to a specific use scenario and whose main function is only the transaction target. Its asset value is mainly reflected by liquidity.

Platform Class Project: A type of asset that is associated with the development of the underlying technology of the blockchain and is supported by the right to use or participate in the platform.

Application Class Project: Refers to a type of asset that is associated with a specific application scenario and is supported by a certain right of use, participation, or dividend.

Asset-backed Project: Refers to a class of assets that is linked to actual assets such as gold and US dollars and supported by the value of physical assets.

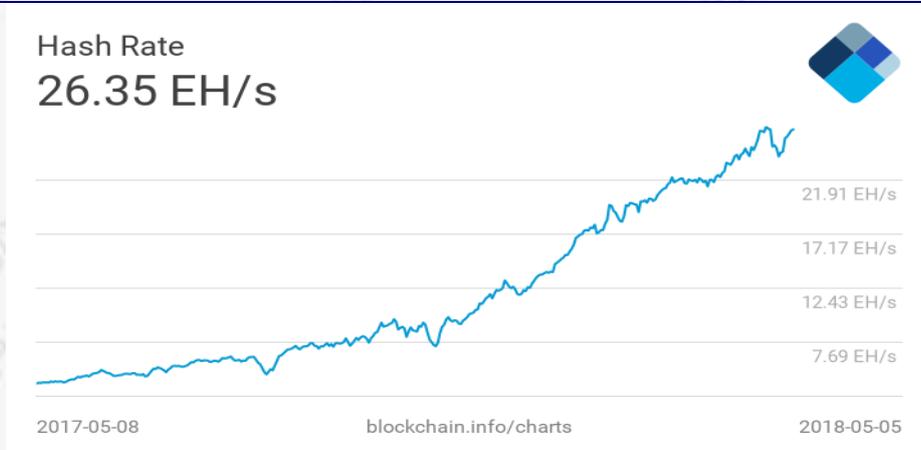
2. Technical Statistic

2.1 Cryptocurrency Mining Statistics

Hashrate of Bitcoin and Ethereum both increased this week. From April 30 to May 6, 2018, the average bitcoin hashrate for the entire network reached 26.35 EH/s, with an increase of 4.03% from the previous week.

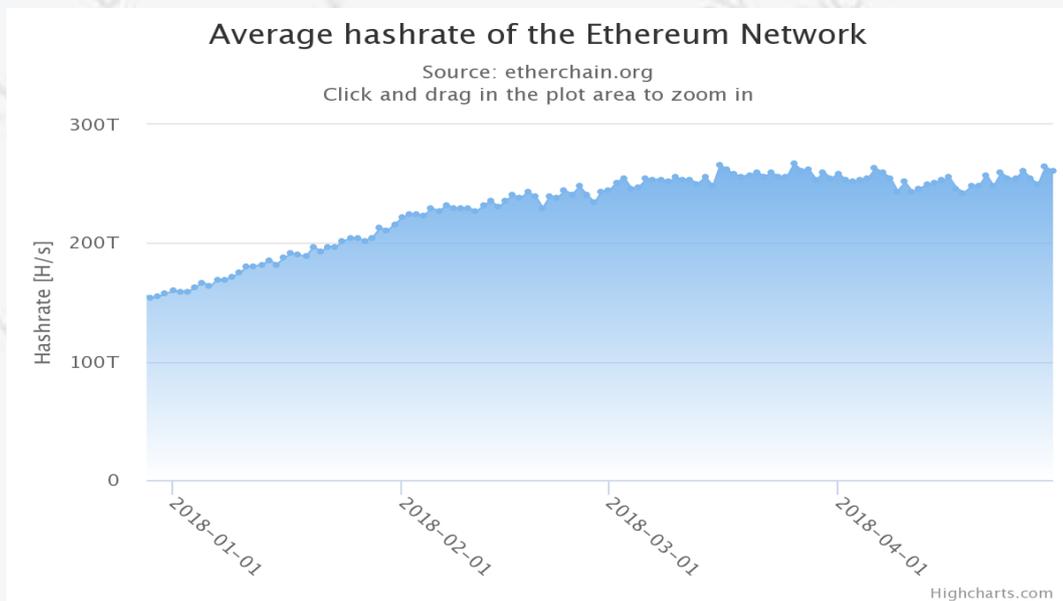
Average Ethereum hashrate for entire network was 272.2 TH/S this week, an increase of 5.96% from the previous week.

Figure 2.1: Bitcoin Hashrate Changes



Source: Blockchain.info

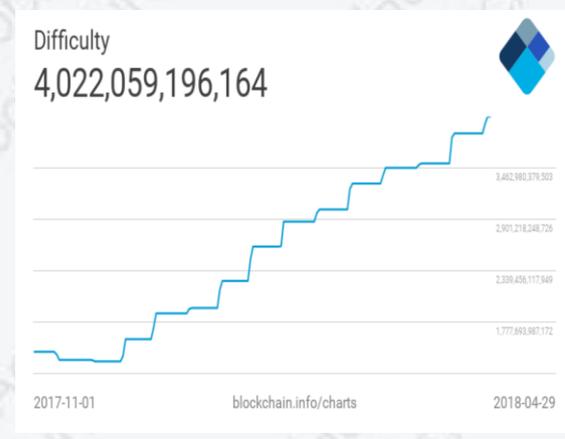
Figure 2.2: Ethereum Hashrate Changes



Source: etherchain

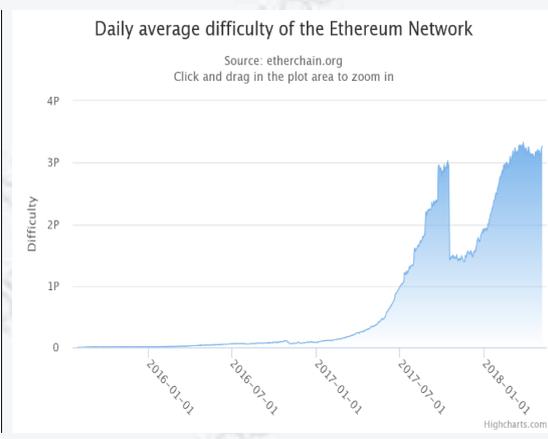
This week, the difficulty of mining in Bitcoin remain unchanged and the difficulty of mining in Ethereum has increased. From April 30 to May 7, 2018, Average difficulty for mining Bitcoin this week was 4.02T. The average difficulty of mining Ethereum this week was 3.27P, an increase of 2.66% compared with the previous week.

Figure 2.3: The Difficulty of Mining in Bitcoin



Source: BTC.com

Figure 2.4: The Difficulty of Mining in Ether

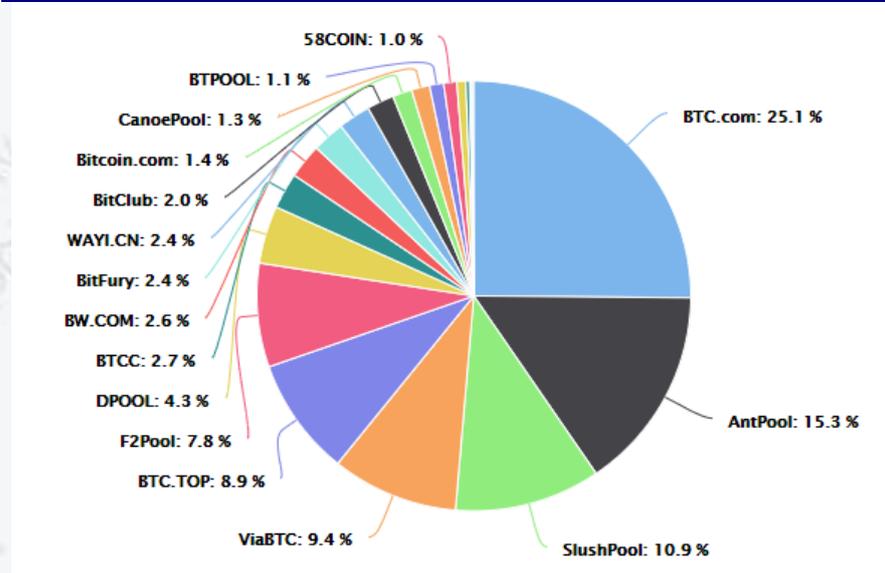


Source: etherchain

The percentage of BTC.com in the overall mining pool market slightly decreased and BTC.top stays in the top 5 mining pool. The market share of Ethermine had a continuous increase. From April 30 to May 6, 2018, the block which bitcoin blockchain mined was 1042 in the past week, a decrease of 9.22% from the previous week, among which the top five pools were BTC.com, AntPool, BTC.top, SlushPool, ViaBTC and BTC.TOP. Those 5 pools mined 261, 159, 113, 98 and 92 respectively, accounting for 25.05%, 15.26%, 10.84%, 9.40% and 8.83%, and the hashrate were 7.43EH/s, 4.53EH/s, 3.22EH/s, 2.79EH/s and 2.62EH/s respectively.

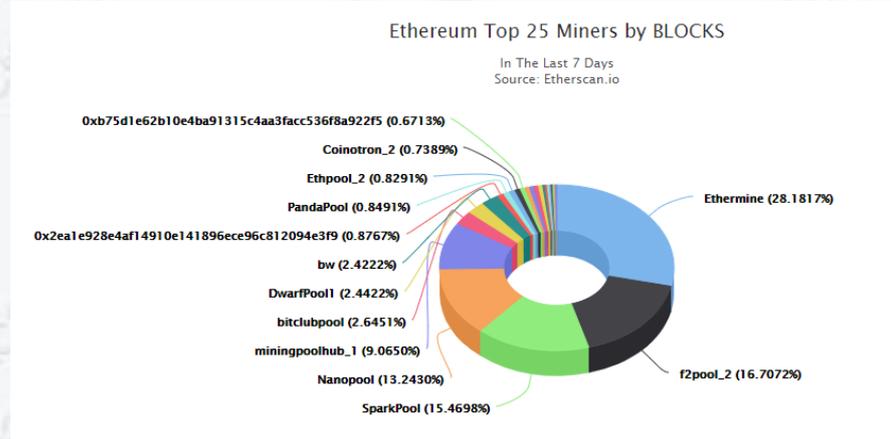
In the past week, Ethereum's entire network dig out 39923 blocks, which is a decrease of 1.2% from the previous week. The top five pools are Ethermine, f2pool_2, SparkPool, Nanopool, and miningpoolhub_1, which found 11252, 6654, 6173, 5279, and 3629 blocks respectively, accounting for 28.2%, 16.68%, 15.47%, 13.23% and 9.09% respectively.

Figure 2.5: Distribution of Bitcoin Mine Pool



Source: BTC.com

Figure 2.6: Distribution of Ethereum Mine Pool



Source: etherscan.io

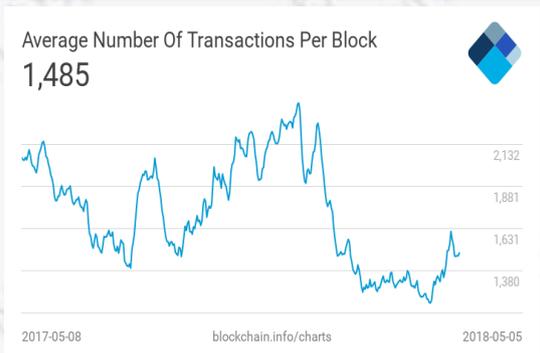
2.2 Activity Statistics

The average transaction number of each block in both Bitcoin and Ethereum Network continued to decrease and the block size of btc and eth both decreased. According to blockchain.info, from April 30 to May 6, 2018, the average transactions of each block in Bitcoin Network this week was 1485, an decrease of 5.12% from the previous week. The average size of each block was 834 Kbs, an decrease of 3.81% from the previous week.

Figure 2.7: Block Size of Bitcoin



Figure 2.8: The Average Transactions of Per Block in Bitcoin

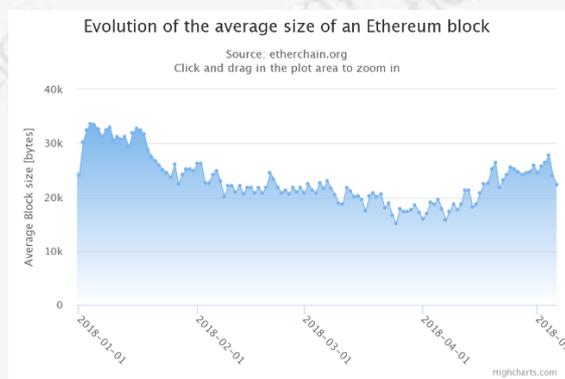


Source: blockchain.info

According to etherchain, the average transactions of per block in Ethereum this week was 147.4, which was a increase of 7.9% compared with the previous week. The average size of the block was 25247.14 bytes, which

was an increase of 1.95% compared with the previous week.

Figure 2.9: Block Size of Ethereum



Source: etherchain

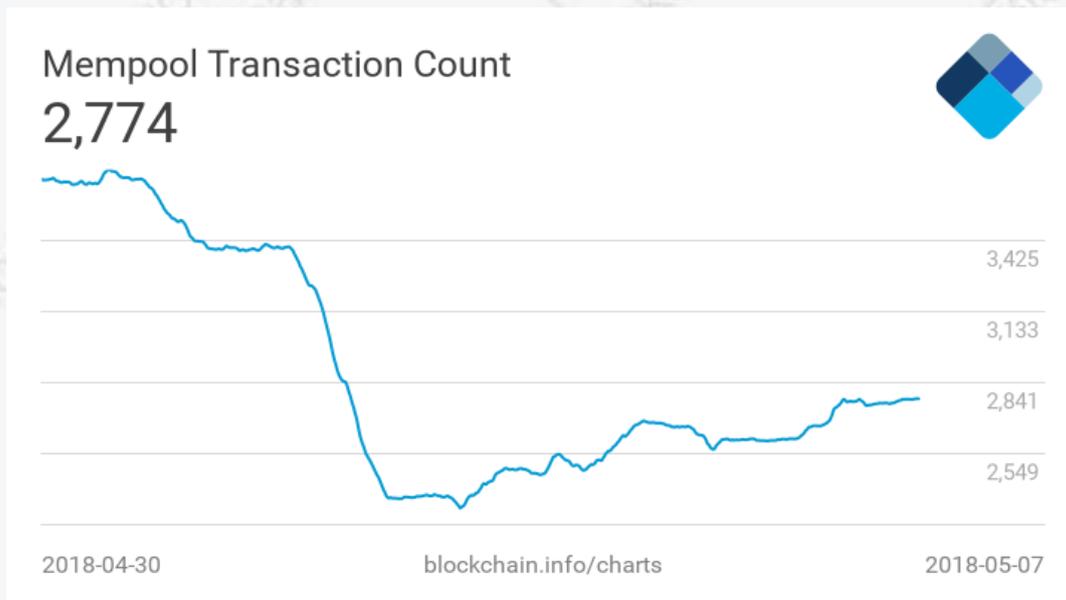
Figure 2.10: The Average Transactions of Per Block in Ethereum



Source: etherscan.io

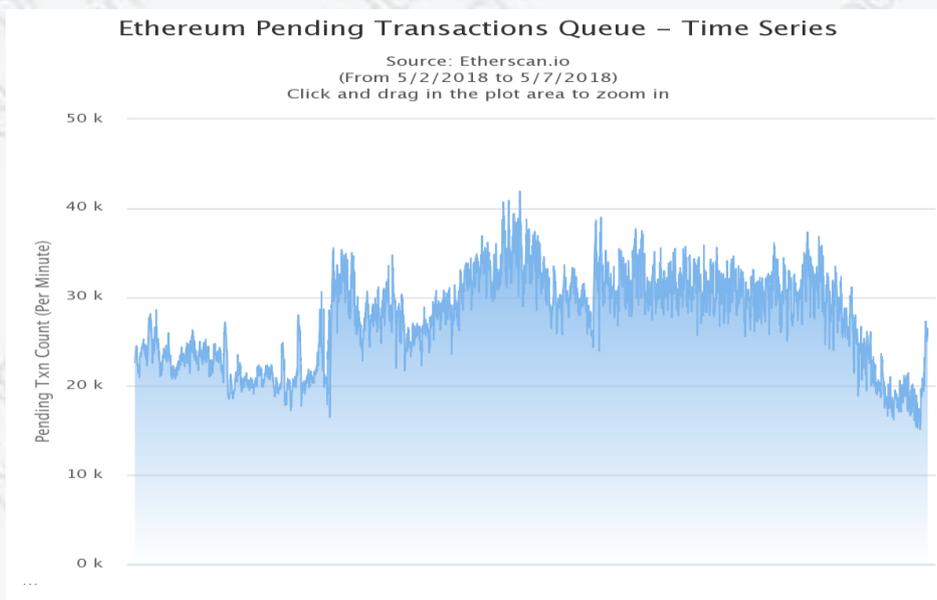
Number of unconfirmed transactions in Ethereum network reached 21.1%. As of May 7, the number of 7-day average unconfirmed transactions in Bitcoin network was 2900, an decrease of 21.1% from that of previous week. As of May 7, the number of unconfirmed transactions in Ethereum network this week was 27806, an increase of 16.89% from that of previous week. The lowest value of unconfirmed transactions this week was 16212, and the highest record reached 41917.

Figure 2.11: Unconfirmed Transaction in Bitcoin



数据来源: Blockchain.info

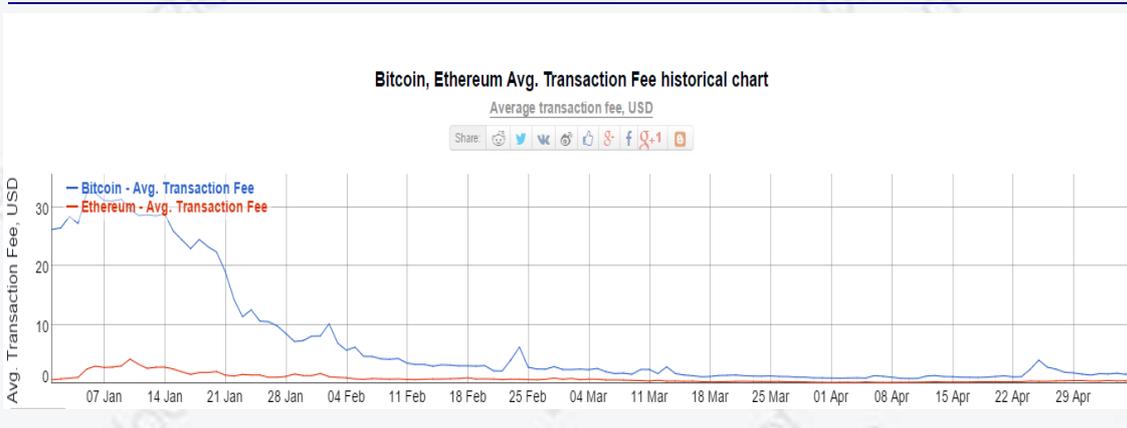
Figure 2.12: Unconfirmed Transaction in Ethereum



Source: etherscan.io

Transaction fees of both Bitcoin and Ethereum showed an downward trend this week. From April 30 to May 7 of 2018, average transaction fees of Bitcoin this week was 1.76USD, which was down by 7.66%. Average transaction fees of Ethereum this week was 0.44USD, an decrease of 10.93% from the previous week

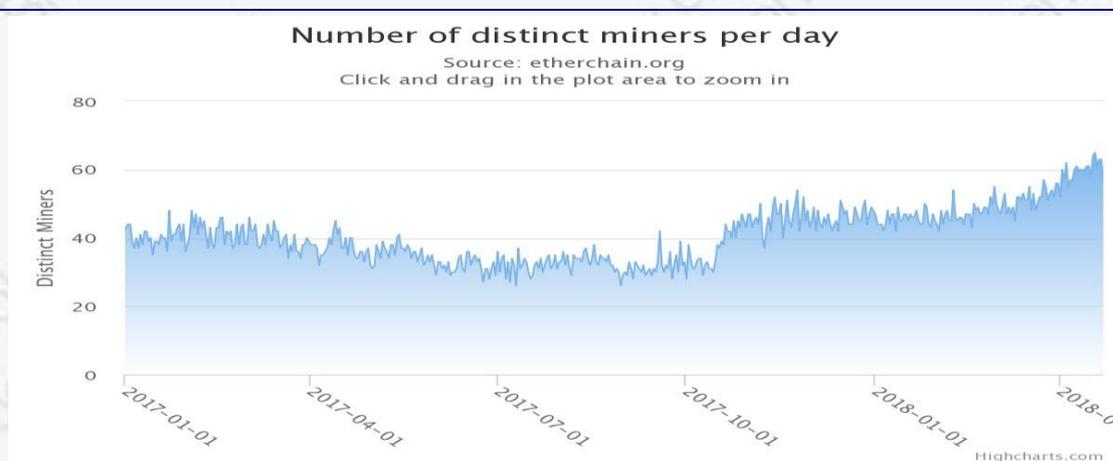
Figure 2.13: Bitcoin, Ethereum Avg Transaction Fees



Source: bitinfocharts

The average number of distinct miners per day in Ethereum decreased slightly. From April 30 to May 6, 2018, the average number of distinct miners per day in Ethereum this week was 59.42, lower than the previous week (60.57) by 1.9%.

Figure 2.14: Number of Distinct Miners Per Day



Source: etherchain

The number of nodes in Bitcoin continued to decrease. The number of nodes in Ethereum increased slightly. As of May 7, 2018, Bitcoin nodes reached 10,420, a decrease of 1.4% from the previous week, of which 2,569 nodes in the U.S, 1995 nodes in Germany and 736 nodes in China,

accounting for 24.65%, 19.15% and 7.06%.

Ethereum nodes reached 15371, which was a increase of 1.6% from the previous week. There were 5439 nodes in the U.S, 2126 nodes in China and 905 nodes in Canada, accounting for 35.38%, 13.83% and 5.89% respectively.

Table 2.1: Ranking of Bitcoin Nodes

Distribution

RANK	COUNTRY	NODES
1	United States	2569 (24.65%)
2	Germany	1995 (19.15%)
3	China	736 (7.06%)
4	France	677 (6.50%)
5	Netherlands	493 (4.73%)
6	Canada	375 (3.60%)
7	United Kingdom	369 (3.54%)
8	Russian Federation	354 (3.40%)
9	Others	342 (3.28%)
10	Japan	232 (2.23%)

Source: bitnodes

Table 2.2: Ranking of Ethereum Nodes

Distribution

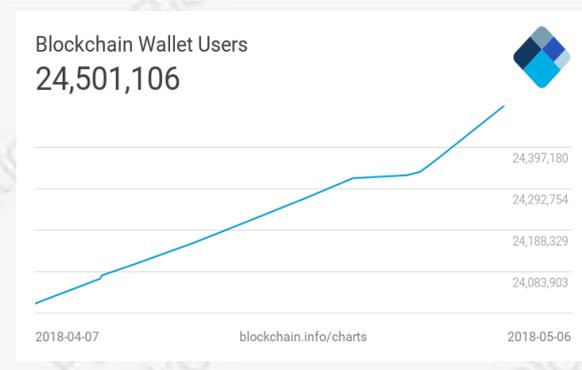
RANK	COUNTRY	NODES
1	United States	5439(35.38%)
2	China	2126 (13.83%)
3	Canada	905 (5.64%)
4	Germany	814 (5.52%)
5	Russian Federation	777 (5.05%)
6	United Kingdom	511 (3.32%)
7	Netherlands	366 (2.38%)
8	France	364 (2.37%)
9	Korea	356 (2.32%)
10	Japn	245 (1.59%)

Source: ethernodes

This week, the growth rate of Bitcoin and Ethereum new addresses all soared by 10%. According to the data of blockchain.info, as of May 7, 2018, the total number of blockchain accounts reached 24501106, an increase of 114089 this week

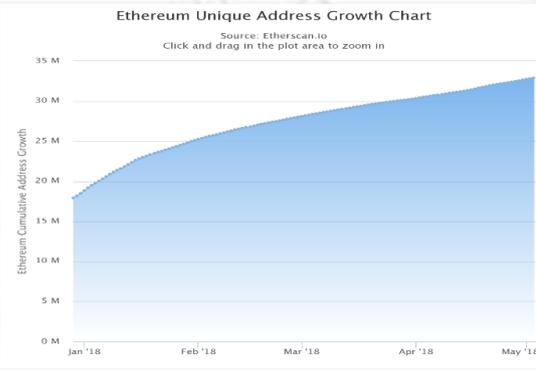
According to the data of the etherscan, as of May 7, 2018, the total number of Ethereum addresses was 32909243, and the number of new created addresses this week was 579604.

Figure 2.15: Bitcoin Wallet Users



Source: Blockchain.info

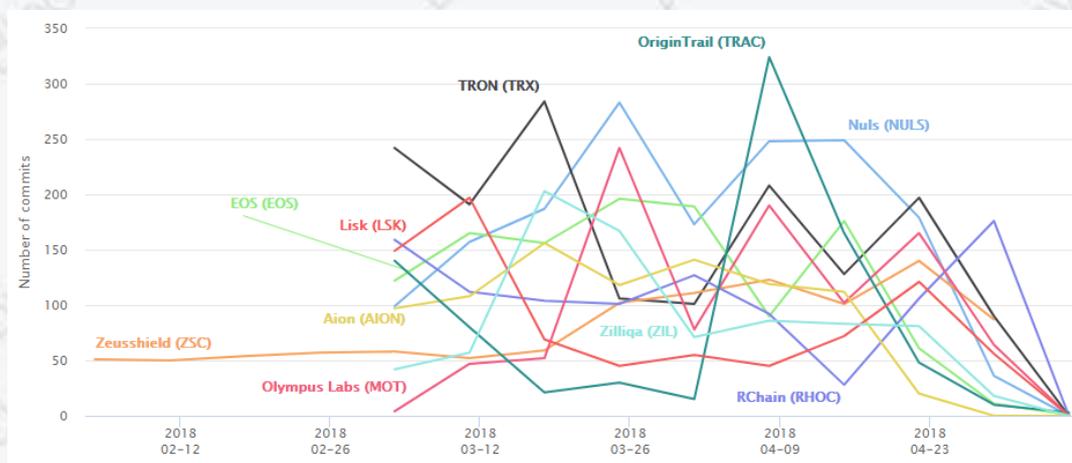
Figure 2.16: Total Address of Ethereum



Source: etherscan

Rchain was the most active project in github last week. From April 30 to May 7, 2018, Rchain’s activity in the github code was the highest, reaching 176 commits, an increase of 66.04% from the previous week. TRX ranked second by 90 commits.

Figure 2.17: Github Code Activity



Source: cryptomiso

2.3 Community Activity Statistics

The top three famous cryptocurrencies on Facebook are still Bitcoin, Ethereum and Ripple. The top three most famous cryptocurrencies on Twitter are Ripple, Bitcoin and Ethereum. As of May 7, 2018, the

number of fans on Facebook of Bitcoin & Cryptocurrency, Ethereum and Ripple (XRP) is 410K, 146K and 133K respectively. On Twitter, the top three were Ripple (XRP), Bitcoin and Ethereum which has 870K, 840K, and 390K fans respectively.

As of May 7, Refereum got most attention on the telegram group, with more than 100,000 fans. GIF by SOCIF got the largest increase in the number of new fans in the last 24 hours, with more than 10,000 new fans joined the telegram group.

Table 2.3: Facebook Cryptocurrency Fans Rankings

RANK	cryptocurrency	Fans (thousands)
1	Bitcoin	410
2	Ethereum	146
3	Ripple (XRP)	133
4	Litecoin	100
5	IOTA	50
6	Dash	38
7	NEO	43
8	XVG	34
9	Lisk	28
10	MXR	27

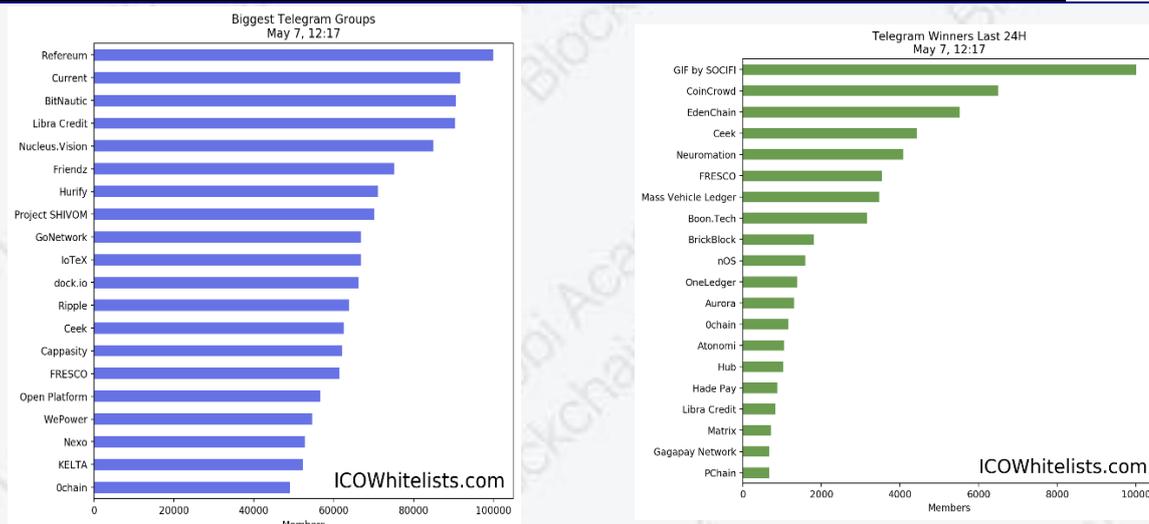
Source: facebook

Table 2.4: Twitter Cryptocurrency Fans Rankings

RANK	cryptocurrency	Fans(thousands)
1	Ripple (XRP)	871
2	Bitcoin	841
3	Ethereum	393
4	XVG	301
5	Dash	300
6	TRON	295
7	XMR	293
8	OmiseGO	271
9	Stellar	235
10	Litecoin	125

Source: twitter

Figure 2.18: Telegram Cryptocurrency Fan Rankings



Source: icowhitelists

3. Weekly Blockchain News Review

3.1 Industrial Application

1. ANZ, IBM Develop a Blockchain Insurance Solution in New Zealand

New Zealand's largest bank ANZ, with tech partner IBM, has successfully developed a blockchain solution that will serve as a 'single source of truth' for insurance companies and brokers. The solution, developed alongside major New Zealand insurance provider Suncorp, set out to improve on the existing inefficiencies of a complicated reconciliation process wherein an individual's payments toward an insurance company are made through a broker who sold the insurance product. Further, the blockchain solution also integrated an automated payment process, provided by ANZ, to enable straightforward bulk payments that are immutably recorded and tracked on the ledger.

Source:

<https://www.anz.co.nz/resources/f/d/fd397495-8c57-41e0-b9b6-9c51b410a8b8/Distributed-Ledger-Technology.pdf?MOD=AJPERES>

2. Australia's Biggest Stock Exchange Targets Blockchain Integration

in 2020

The Australian Securities Exchange (ASX) has said it will implement a blockchain-based post-trade system from as early as Q4 2020, replacing the current Clearing House Electronic Subregister System (CHES) system. The new system will allow settlement participants on both sides of a bilateral transaction to pre-match the transaction earlier in the settlement period without committing the transaction for settlement. New York-based fintech company, Digital Asset is building DLT products, is the main technical partner for the initiative. Migration testing will begin in Q2 2020 and will culminate with migration dress rehearsal weekends in preparation for go-live.

Source: <https://www.asx.com.au/documents/public-consultations/chess-replacement-new-scope-and-implementation-plan.pdf>

3. Ripple Adds Another Bank to Instant International Payments Blockchain

Ripple's global enterprise blockchain network has added its latest member in BankDhofar, an Oman-based financial institution. RippleNet is an enterprise blockchain that sees over 100 financial institutions globally as members including banks, payment providers and financial institutions. The bank said the implementation of Ripple's blockchain technology in payments will help save its customers 'both time and money' when sending remittances overseas. BankDhofar hopes to put digital technology and innovation at the core of its strategy to improve the experience of its customers.

Source: <https://www.ccn.com/ripple-adds-another-bank-to-instant-international-payments-blockchain/>

4. Reddit to Re-Enable Bitcoin Payments, Ethereum and Litecoin Support Coming

Reddit is the largest community where cryptocurrency enthusiasts meet and discuss the technology. Reddit had disabled Bitcoin as a payment method without prior notice, leaving customers with the option to pay using PayPal and Credit Card. Christopher Slowe, the CTO of Reddit revealed that they are working towards bringing back Bitcoin payments on their platform. Bitcoin is set to come back on the platform, and this time around users will have more options like Ethereum and Litecoin to buy Reddit Gold.

Source: <https://twitter.com/cheddar/status/991761725379801090>

5. Korean Peace Agreement Recorded on Ethereum Blockchain

Last week's meeting between South Korean president Moon Jae-in and North Korean leader Kim Jong-un has been recorded on the ethereum blockchain, where the historic Panmunjom Declaration that the two nations signed will now be stored in perpetuity. A 27-year-old South Korean game developer Ryu Gi-hyeok published the Panmunjom Declaration on the Ethereum block 551,7596. Last month, US brokerage firm TD Ameritrade used a series of 68 transactions to code an advertisement into the bitcoin blockchain, becoming the first public company to do so.

Source:

<https://www.coindesk.com/%ED%8C%90%EB%AC%B8%EC%A0%90-%EC%84%A0%EC%96%B8-%EC%9D%B4%EB%8D%94%EB%A6%AC%EC%9B%80-%EB%B8%94%EB%A1%9D%EC%B2%B4%EC%9D%B8%EC%97%90-%EA%B8%B0%EB%A1%9D%EB%90%90%EB%8B%A4-2/>

6. Physical Bitcoin Banknotes Launched in Singapore to Drive Adoption

A Singaporean startup developing 'smart banknotes' for cryptocurrencies has launched sales of physical bitcoin banknotes with a pilot in a major

Singaporean mall. The ‘banknotes’ will carry their value in bitcoin on a chip inside each note and are available in denominations of 0.01 BTC (\$98) and 0.05 BTC (\$485) at launch. Pertinently, transferring ownership of the notes and their value in bitcoin is instant when the banknote swaps hands.

Source: <https://hackernoon.com/these-smart-banknotes-could-bring-crypto-to-the-masses-4be57bcc1c7>

3.2 International Policy

1. Indian Law Protects Cryptocurrency Investors Despite Lack of Regulation

The Indian crypto ecosystem has come across a series of shaking events in the recent past which have caused the investors to re-evaluate their decision of investing their hard earned money into the uncertain yet lucrative sector of cryptocurrency. The Indian Government, through RBI, has partially disclosed its mind on the legal prospect of Crypto by proclaiming that the banks shall not provide services to crypto players. The notification by RBI acted as a massive jolt to the fast-growing Crypto market in India. Since no law in India prohibits the buying and selling of cryptocurrency, therefore the said investor-exchange contract is a legally valid one as long as it fulfills other essential ingredients of a contract as mentioned above.

Source: <https://www.ccn.com/indian-law-protects-cryptocurrency-investors-despite-lack-of-regulation/>

2. Iran State Cryptocurrency ‘Ready’ for Experimentation: ICT Minister

Within days of the country’s central bank banning trading of cryptocurrencies and barring domestic banks from offering services to industry firms, Iran’s Information and Communications Technology (ICT) Minister Mohammad Azari-Jahromi confirmed progress being made with

a domestic cryptocurrency project. Details of the state cryptocurrency project are scarce but it is a notable development at a time when the Iranian rial, the country's fiat currency, plummeted to an all-time low as recently as April amid fears of a return of US-led financial sanctions.

Source: <https://www.reuters.com/article/uk-crypto-currency-iran/iran-cryptocurrency-project-on-track-despite-cenbank-ban-minister-says-idUSKBN1HZ006>

3. US Regulators Examining Whether Ethereum is a Security

Regulators at the Securities and Exchange Commission (SEC) and Commodity Futures Trading Commission (CFTC) are investigating whether many popular cryptocurrencies — not just initial coin offering (ICO) tokens — should be regulated as securities under federal law. The inquiry includes a focus on ether, representing a significant threat to virtual currencies, which so far haven't been drawn into a regulatory crackdown on potential fraud in the market for the assets. They will also consider whether ether, currently the second-largest cryptocurrency by market cap, is sufficiently used for its stated purpose — to run applications on the network — or is essentially a speculative asset purchased in the hope that its value will grow in the future. Ethereum co-founder Joseph Lubin is not concerned. He believes regulators will determine that ether is not a security.

Source:

<https://www.ccn.com/extremely-comfortable-that-ether-is-not-a-security-ethereum-co-founder/>

4. South Korea Bill Pushes Legalization of New ICOs after 2017 Ban

Hong Eui-rak of the Democratic Party of Korea, the political camp in power, is leading the charge – through the parliament – to challenge the government's ban on initial coin offerings (ICOs) in September 2017. Hong insists that the proposed legislation to legalize new ICOs will be

under the government's direct scrutiny. Further, the report suggests that the bill favors ICOs stemming from public organizations and research centers that are 'committed to promoting and developing blockchain technology'. Government agencies including the Financial Services Commission (FSC), Korea's financial regulator, and the Ministry of Science and Information and Communications Technology (ICT) will wield powers to supervise these ICOs, the bill reportedly conveys.

Source:

http://koreatimes.co.kr/www/news/tech/2018/05/129_248349.html

5. Venezuela to Launch Petro-funded Youth Bank

Venezuela will open a youth bank funded by the government's state-backed petro cryptocurrency, the country's president Maduro said on Thursday. He committed to funding the project with 20 million units of its recently-launched petro currency, which he says are collectively worth \$1.2 billion. Venezuela has also pressured state-run businesses to accept the token as payment. Venezuela further claims that the petro will replace the hyperinflated bolivar as its official currency by 2020 and that it will soon have a sister cryptocurrency, the petro gold. Notably, Maduro said elsewhere during his speech on Thursday that local universities should establish cryptocurrency mining farms to help strengthen the Venezuelan economy, which has seen prices rise by 18,000 percent in two months.

Source:<https://www.telesurtv.net/english/news/Venezuela-to-Create-Digital-Cryptocurrency-Bank-for-Youth-20180503-0026.html>

3.3 Technology Progress

1. Mastercard International Seeks Patent For Fast Tracking Blockchain Navigation

Mastercard International Inc. has applied for a patent for a system for fast tracking navigation of blockchains by means of data manipulation. The system is designed to facilitate quicker navigation and verification of

blocks in a blockchain. The application notes there is a need for a technical solution to increase the speed at which a blockchain can be navigated for verification of a large number of blocks and reduce the time needed for a new node to begin participating in the blockchain. Each block in the system will have a header consisting of a fast track flag, fast-track reference, a timestamp and a hash value. The use of specialized flags and hash values included in the block headers can allow the speed of navigation to be increased significantly, which will greatly reduce the computing time and power needed to verify the blockchain, according to the patent abstract. The result will be more efficient navigation and verification of the blockchain.

Source:<https://finance.yahoo.com/news/mastercard-international-seeks-patent-fast-171343134.html>

4. Weekly Project Progress in the Market

4.1 New Digital Assets this Week

There are 114 new digital asset projects that completed public financing this week. Judging by the country, 106 assets were collected with country information, and the top three countries with the largest number of new digital assets are the UK, the US and Russia. The UK has 16 projects, accounting for 15.1% of the total; each of the US and Russia accounts for 13.2% and 11.3% respectively. Each of the rest 36 countries owns less than 3% and they sum up to 45.3%, less than a half. For the 17 countries with the smallest amount of projects, each of which owns only 1 project. Judging from the types of projects, 107 asset projects have been clearly categorized. The largest asset class is infrastructure, which includes 32, accounting for 28.9% of the total, followed by blockchain finance (16.8%), culture and entertainment (8.4%), platform (6.5%), social (5.6%) and exchange (5.6%). Each of the last 14 fields shares less than 5%. In general, new digital assets this week were concentrated in the United Kingdom; asset types are basically application-type, and blockchain infrastructure is the main application area.

Table 4.1 New digital assets this week

Digital Asset	Country	Introduction	Sub-classification	Closing Date	Public Offering Price
Streamity (STM)	Singapore	The key element of STREAMITY is StreamDesk decentralized application for exchange of cryptocurrency to fiat money	Finance	Apr-18	0.2 USD
Native Video Box (NVB)		Native Video Box (NVB) is next generation decentralised video distribution platform, based on cutting edge modern technologies of multi-tier blockchain and deep machine learning.	Infrastructure	Apr-18	1 USD
MTK (MTK)	Japan	Matrikas is a technology company that powers the real-time buying and selling of media on centralized & decentralized applications and the broader digital environment.	Infrastructure	Apr-18	7.5 USD
VENDEX (VEND)	Nigeria	Vendex is a cryptocurrency exchange and trading platform that focuses on emerging markets, making it easier for people to access and trade cryptocurrencies in Africa	Exchange	Apr-18	0.10 USD
Orbeum (OBM)	UK	Orbeum (OBM) tokens are based on Orbeum's Ethereum smart contract (ERC20)	Infrastructure	Apr-18	0.01 USD
CloudMoolah (MOO)	Singapore	CloudMoolah is an aggregated payment system	Payment	Apr-18	0.30 USD
CryptoDime (CDM)	UK	CryptoDime provides an opportunity for investors looking for the simplest way to get into the decentralised economy.	Finance	Apr-18	1 ETH = 150,000 CDM
IPStock (IPS)	Switzerland and	IPStock is a blockchain ecosystem designed for all marketplaces, content creators and consumers.	Infrastructure	Apr-18	1 IPS = 0.0012 5 ETH

Jury.Online (JOT)	Estonia	Jury.Online is a standard setting protocol of the future of the ICO.	Platform	Apr-18	0.51 USD
Quant Network (QNT)	Switzerland and	Overledger is the blockchain Operating System (OS)	Platform	Apr-18	1 ETH = 430 QNT
GramGold Token (GGT)	UK	an ERC20 token backed by Gold and a Global Gold Asset Decentralised Trading Platform based on blockchain technology & cryptocurrency	Exchange	Apr-18	1 GGT = 0.000375 ETH
Etherty (ETY)	United Arab Emirates	Etherty is a platform that utilizes blockchain technology to provide a one-stop solution for the purchase, sale and crowd-sale of real estate globally	Real estate	Apr-18	0.20 USD
WTO Foundation (WTO)	Taiwan	WTO Foundation aims to create the best digital asset platform for those interested in digital commodities	Exchange	Apr-18	1 USD = 30 WTO
eKash (EKH)	Russia	eKash is a brand new cryptocurrency	Coins	Apr-18	1 EKH = 0.0005 ETH
ITO Assendelft (Walnut)	Netherlands	Walnut Ventures developed a way to use an asset backed token as an alternative to finance property	Real estate	Apr-18	1 Walnut = 0.01 ETH
Tubig Blockchain (TUB)	UK	Tubig blockchain limited is poised to help countries improve urban and rural water supply services delivery and improve sector performance through fund raising (ICO)	Infrastructure	Apr-18	1 TUB = 0.50 USD
Tavitt (TVC)	Thailand	We aim to make LIFE a fun and incredible journey via a "CUE" or opportunity to travel.	Culture and entertainment	Apr-18	1 TVC = 0.001 ETH
AMCHART (AMC)	United States	AMCHART is a universal electronic health record (EHR) that's poised to change the way we access patient and provider records.	Healthcare	Apr-18	1 USD

STOW IT Token (STOW)	USA	STOW IT is an existing peer to peer marketplace that specializes in matching individuals that need vehicle storage to individuals that have extra space.	Others	Apr-18	1 STOW = 0.0000 35 ETH
HighSeek (HISK)	Russia	HighSeek is a not neuro-headset-controller.	Internet Things	Apr-18	1 USD
Idea Jump (iJproject)	USA	Idea Jump - a multilingual platform that combines crowdfunding + ICO + accelerators.	Exchange	Apr-18	1.00 USD
AIREXE (AIRX)	Cambodia	AIREXE is new modern crypto-fiat currency exchange	Exchange	Apr-18	1 AIRX = 0.01 ETH
FreeZone (FRZ)	Russia	FreeZone is a new ecosystem for blockchain business	Infrastructure	Apr-18	0.2 USD
Westrend Coin (WES)	United States	Westrend.io (WES) is an investment platform	Finance	Apr-18	0.40 USD
KELTA (KLT)	Slovak Republic	Kelta focuses on offering computing power to scientific researchers, scholars, cryptocurrency miners and many others who might need it	Infrastructure	Apr-18	1 KLT = 0.0056 5 ETH
ivmedia (ivmedia)	Singapore	IVMedia is decentralized based on smart contracts, blockchain interactive video technology platform, distributed video protocol.	Infrastructure	Apr-18	1 ivm = 0.0004 ETH
Robotina (ROX/ROX)	Slovenia	The Robotina Platform will be a vertical, high-tech all-inclusive enabling solution, consisting of connected Internet of Things (IoT) elements (things, processes, data, people) and the Power Platform (PP).	Internet of Things	Apr-18	0.05 USD
UNOLA BO (UNLB)		UNLB - utility token provides a convenient payment system and P2P payments between freelancers and customers of the platform.	Social	Apr-18	1 ETH = 500 UNLB
Thought (THT)	British Virgin	Our goal is to unlock the knowledge potential of the world's data.	Data service	Apr-18	\$0.14

Islands						
Blackfolio (BLACK)	New Caledonia	Blackfolio is the smartest social trading platform to manage your crypto wealth.	Social	Apr-18	0.04 USD	
froshfeel (FROIN)	Canada	froshfeel provides a decentralized peer-to-peer student platform	Others	Apr-18	1 ETH = 1000 FROIN S	
RyptoX (RXC)	Belize	Today, for indie Our exchange plans offering other option for developer incentive and listing	Others	Apr-18	1 USD	
Kaching (KAC)	UK	We are building the Most Sustainable and Most Complete Trading and Investment Ecosystem for our Coin (Kachingcoins) to be utilized.	Exchange coin	Apr-18	0.20 USD	
Just Pay Coin (JUP)	usa	JUSTPAY is a tokenized closed-end fund designed to reduce the risks and technical barriers of investing in the blockchain space.	Finance	Apr-18	0.25 USD	
Axtrust (TRU)	Russia	To give market participant's a new service in which trust	Platform	Apr-18	1 ETH = 900 TRU	
SuperPay.vip (SPC)	Singapore	SPV is a universal mobile payment platform	Payment	Apr-18	0.05 USD	
Elementh (EEE)	Singapore	It employs blockchain to create the first e-commerce infrastructure	Platform	Apr-18	1 EEE = 0.0002 ETH	
Saifu (SFU)	Czech Republic	We are creating an account that will unite currencies and cryptocurrencies	Wallet	Apr-18	1 SFU = 0.0001 BTC	
Decentralend - JUST PRIORITY	UAE	DecentraLend is a decentralize peer to peer lending platform	Finance	Apr-18	0.5 USD	

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Discourze (DIZ)		Discourze: The All-In-One, Crypto-Based Social App.	Social	Apr-18	
ArmPack (ARM)		First decentralized eco-system created to protect against counterfeiting and to communications "B-to-C"	Infrastr ucture	Apr-18	1 ARM = 0.0000 5 ETH
Notarchai n.es (YOF)	Spain	Notarchain.es is the project for a new platform	Platfor m	Apr-18	0.05 EUR
MTCash (MTC)	Hong Kong	MTGamer builds a decentralized platform with Blockchain technology and creates a multibillion ecosystem	Infrastr ucture	Apr-18	1 MTC = 0.0001 5 ETH
CashBag (CBC)	South Africa	Consumers earn tokens & cash back for engaging with brands & shopping on our global network of online stores	Others	Apr-18	1 ETP = 6,000 CBC
Grow & Mine (GNM)	Russian	The Grow & Mine project is an agricultural and cryptocurrency investment simultaneously	Others	Apr-18	1 GNM = 0.0055 ETH
ELPIS (ELP)	UK	Elpis will be the first crypto-asset investment fund totally driven by Artificial Intelligence	Financ e	Apr-18	0.08 USD
Block Web (BWEB)		The Block Web browser is an application	Comm unicati on	Apr-18	0,01 USD
SunMone y (SMT)	United Arab Emirate s	SunMoney Solar Group (SSG) is a community-funded renewable energy company	Others	Apr-18	150 SMT = 1 ETH
Ethereum Slot Machine (EST)	Russian	The first mobile game in the world which simulates slot machine for Ethereum network	Culture and entertai nment	Apr-18	1 EST = 0.001 ETH
Transcodi um (TNS)	UK	Transcodium aims to provide the first peer-to-peer blockchain based and decentralized media transcoding	Infrastr ucture	Apr-18	0.376 USD

Docnota (DCNT)	Russia	Docnota is an intelligent platform	Platform	Apr-18	1 DCNT = 0.0002 ETH
LCCX - London Crypto Currency Exchange (LXT)	UK	LCCX aim to become the most trusted crypto currency exchange in the world	Exchange	Apr-18	0.15 USD
ConnectJob (CJT)	Gibraltar	ConnectJob is a decentralized application	Infrastructure	Apr-18	2,400 CJT = 1 ETH
Utemis (UTS)	Andorra	Same as Chinese e-commerce giants, your purchases are 100% protected with UTEMIS escrow account	Infrastructure	Apr-18	1 ETH = 1,500,000 UTS
MediChain (MCU)	UK	MediChain gives patients ownership of their own medical data	Healthcare	Apr-18	1 USD
QWASDER (QWS)	Switzerland and	Qwasder is the world's first decentralized mobile application based on Ethereum blockchain	Infrastructure	Apr-18	1 QWS = 0.00025 ETH
1KCoin (1KCoin)	Spain	1KCoin is a private club of investors	Social	Apr-18	3 USD
Blockchain Terminal (BCT)	Cayman Islands	The Blockchain Terminal ("BCT") delivers a powerful set of tools and services to the wealth management industry	Infrastructure	Apr-18	0.10 USD
Yield Coin (YLD)	United Kingdom	Yield Coin is a multipurpose token pegged to multiple business projects	Finance	Apr-18	0.02 USD
Extrabit (EXB)	UK	EXTRABIT establishes itself as a crypto mining company	Infrastructure	Apr-18	0.5 USD
NOLLYCOIN (NOLLY)	USA	Nollycoin is the cryptocurrency that powers a blockchain-enabled Peer-To-Peer decentralized ledger system	Infrastructure	Apr-18	1 NOLLY = 0.000025 ETH

Ceyron (CEY)	Saint Vincent and the Grenadines	Ceyron.io will be a cryptocurrency-based investment platform	Finance	Apr-18	1 USD
Senno (SENNO)	Hong Kong	Senno is the Blockchain's first sentiment analysis platform with an open API for 3rd party apps	Forecasting	Apr-18	1.6 SENNO = 0.01 USD
Ivyn (IVYN)	Malta	Ivyn project is a set of products made up of several free software modules that provide powerful business tools	Distributed computing and storage	Apr-18	1 IVYN = 0.0000 1 ETH
CinemaWell.com (APLC)	Ukraine	CinemaWell.com is a win for filmmakers and a win for viewers by bringing many advantages over other platforms, such as YouTube and Vimeo	Culture and entertainment	Apr-18	1 APLC = 0.0011 ETH
Gaming Stars (GAMES)		Gaming Stars is an ongoing decentralized platform built on top of Ethereum that aims to revolutionize the global eSports industry.	Culture and entertainment	Apr-18	1 ETH = 1,000 GAMES
R3S (R3S)	Estonia	R3Sec is a cyber security company that's set out to revolutionize the industry by robbing time from attackers.	Infrastructure	Apr-18	1 USD
Vivid (VIVID)	Singapore	Our first product is a mobile AR app which tracks coins, analyzes the markets and manages your portfolio	Social	Apr-18	1 VIVID = 0.0001 ETH
DomusCoins (DOC)	UK	DomusCoins aims to bridge the gap between real estate investment and cryptocurrencies	Real estate	Apr-18	1 USD
Signals (SGN)	Czech Republic	Our mission is to democratize machine intelligence in the cryptotrading industry	Infrastructure	Apr-18	0.36 USD

AvantGarde Ratings (AVG)		AvantGarde Ratings is acting as a market intelligence platform	Finance	Apr-18	1 ETH = 3000 AVG
BoatPilot (NAVI)	Georgia	BoatPilot is a vendor of hardware navigation solution and a developer of the platform	Communication	Apr-18	0.07 USD
SWX Coin (SWX)	UK	The swx coin is a swingers exchange and was created to ensure privacy, security & clarity between consenting adults	Social	Apr-18	0.1 USD
ourTell (OTL)	Korea	ourTell provides multifaceted cryptocurrency analysis	Forecasting	Apr-18	0.047 USD
Solve.Care (CAN)	Estonia	Solve.Care Foundation was established with the mission to decentralize and redefine administration of healthcare and other benefit programs	Healthcare	May-18	0.10 USD
Kerberos ICO (KRC)	South Africa	The Kerberos Coin is a Altcoin Only mining company based in Gauteng South Africa	Infrastructure	May-18	0.16 USD
CUBE (CUBE)	Russia	Computer club and cyber arena for cultural events in the world eSports with integrated decentralized blockchain-technology and smart contracts.	Culture and entertainment	May-18	1 CUBE = 0.0012 ETH
uKit (UKT)	Russia	The service uses a combination of neural networks and regular algorithms to search for new ways to arrange content and visualize website pages	Infrastructure	May-18	0.02 USD
Bitsoko (BITS)	Kenya	Using blockchain technology bitsoko creates products and services that help merchants and consumers bridge the economic gap by offering new and innovative solutions to the e-commerce industry.	Infrastructure	May-18	0.1 USD

Lyves (LYV)	Netherlands	Every buyer has the opportunity to write a review about the completed purchase	Others	May-18	1 LYV = 0.0001 6667 ETH
Trevi Token (TT)	USA	Trevi believes in order to solve the problem you have to uncover the true problem with saving.	Finance	May-18	1 USD
Coralex (CLX)	USA	Coralex is a third generation blockchain which offers scalability, interoperability and optional privacy	Distributed computing and storage	May-18	1 CLX = 0.0000 9 ETH
Platio Solar (Platio Coin)	Hungary	Platio aims to integrate progressive and environmentally friendly technologies on the level of the paving	Infrastructure	May-18	1 USD
Liquid Bonus Loyalty ICO (LiBO)	Russia	The Blockchain driven Liquid Bonus Loyalty Aggregation Medium is a complementary loyalty system	Infrastructure	May-18	1 LiBO = 1/1500 0 ETH
FAIMA (MEDS)	Germany	FAIMA is a company which develops applications for mobile devices and PCs	Healthcare	May-18	0.4 USD
BlockBits (BBX)	Romania	Blockbits provides innovative mechanisms such as safe funding vaults and secure milestone based payments	Finance	May-18	1 ETH = 7,000 BBX
iOlite (iLT)	Estonia	iOlite is an open-source, blockchain and machine learning platform, that will allow anyone to write smart contracts, using any language, natural or programming	Infrastructure	May-18	0.0221 USD
Equitybase (BASE)	Hong Kong	Equitybase is a end-to-end securities token ecosystem for project assessment, credit valuation, liquidity event entirely on the blockchain.	Finance	May-18	1 BASE = 3,000 ETH
Dentix (DNTX)	USA	Dentix is a Global Dental Electronic Health Record platform	Healthcare	May-18	1 DNTX = =

						0.001
						ETH
						1 BTH
						=
Bitheum (BTH)	Cyprus	Bitheum is a simple wealth creating Cryptocurrency	Finance	May-18	0.0001	25 BTC
KeepSafe Pay (KSP)		KeepSafePay is a very solid and transaction safe cryptocurrency	Culture and entertainment	May-18	= 0.01	BTC
Fund Platform (FUND)	Russia	Fund Platform will simplify the process of creating cryptofunds	Finance	May-18	0.10	USD
CEEK (CEEK)	USA	CEEK VR is an award-winning developer and distributor of hardware and software	Internet of Things	May-18	0.35	USD
Bob's Repair (BOB)	United States	bring trust and fair pricing back to the consumer	Real estate	May-18	=	1 ETH 6,000 BOB
Lavenir ICO (LVR)	United States	Lavenir is bringing a new revolution in the cryptocurrency trading	Finance	May-18	1000	LVR = 1 ETH
GL TOKEN (GLET)	USA	GO LIVE Entertainment's vision is to create a globally platform	Infrastructure	May-18	1GL = 0.0006	1 ETH
ySign (YSN)	Malta	With our ySign app, we can send messages and make phone calls to others free, secure and anonymous	Communication	May-18	1 YSN = 0.0008	4 ETH
Dank Signals (DANK)	Canada	One that is automatic, intelligent, quick and easy to use while remaining accessible to all customers	Finance	May-18	0.01	USD
Pumped MulTra Token (MTT)	Germany	Pumped is the first and only platform that guarantees 100% ad revenue for publishers at zero cost	Infrastructure	May-18	1 ETH = 7,000	MTT
UHUB (HUB)	Vietnam	UHUB solution with a wide range of functions for effective sales in the world of a new digital economy	Infrastructure	May-18	4000	HUB = 1 ETH
TurboTradeCoin	UK	TurboTradeCoin is the Next Generation of Artificial Intelligence	Finance	May-18	0.5	USD

(TTC)		based Mirror Trading and Investment			
ECKO Coin (ECKO)	Canada	CKO is being developed as a community based coin	Coins	May-18	0.04 USD
MOBILINK-COIN (MOBL)	Canada	MOBILINK-COIN (MBX) will eliminate all mobile monthly fees by replacing the smartphone user's current mobile SIM card with a MOBILINK-SIM Card	Communication	May-18	0.10 USD
BiNeuro (BNR)	United Kingdom	BiNeuro is an artificial intelligence system built on Data Science Technology	Infrastructure	May-18	1 BNR = 0.0001 ETH
Karuna Network (KARUNA)	Netherlands	Karuna is a decentralized, transparent and peer-to-peer social platform	Infrastructure	May-18	0.90 USD
ODUWA (OWC)	USA	there is at least now finally a hedge for Bitcoin's volatility, the solution is ODUWA COIN.	Finance	May-18	0.90 USD
FOP Coin (FOP)	Australia	IFOP is An innovative, fast and secure digital currency aimed to replace the traditional payment system	Coins	May-18	0.25 USD
Orozu (ORO)	United Kingdom	Our team's trading strategy is short term holdings which they would capitalise with the high volatility of the crypto market	Finance	May-18	
Obirum (OBR)	Singapore	Obirum is a browser that integrates the advantages of blockchain technology	Infrastructure	May-18	1 OBR = 0.0000 5 ETH
AdultCam (ACI)	Czechia	CzechiaOur project is an adult entertainment platform	Culture and entertainment	May-18	1 ACI = 0.001 ETH
Consentium (CSM)	Singapore	The bedrock of CONSENTIUM CCM engine lies in its transactional fee redistribution program as an incentive to create and cultivate strong in-app	Infrastructure	Apr-18	0.25 USD

communities

Paymon (PMNT)	Russia	Our team has currently created a blockchain messenger, which allows its users to safely and easily send each other not only messages, but also cryptocurrency.	Platform	May-18	1 PMNT = 0.0000 015 ETH
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Data sources: ICO Bench, ICO Drops, Foundico, Smith&crowne, ICO Rating, ICO Alert

4.2 Weekly Investment Activities

This week had 2 investment activities in blockchain industry. Both of the two fundraising projects did not disclose the detailed amount.

Table 4.2 Weekly Investment Activities

Company	Round	Amount	Investor	Company type
Kcash	Strategic Investment	Tens of millions of Yuan	GXB	Blockchain Wallet
Vechain	Strategic Investment	N.A.	PwC	Blockchain Service Provider

Source: itjuzi