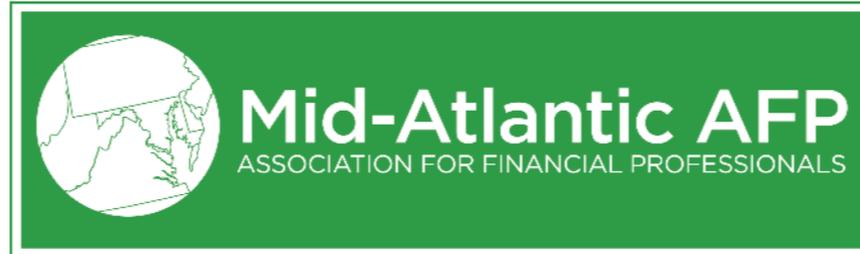


Welcome



THE FUTURE OF CRYPTO CURRENCY



Cryptocurrency is disrupting the financial services industry and the world! There are risks and reward associated with its usage and adoption. The speaker will provide an update on cryptocurrency's evolution, current and future states, including usage, block chain, cultural acceptance, and rapid rise to adoption despite its untraditional, uncollateralized or documented realities.

Andrew Ostashen

- Andrew is President and CEO at Vulsec.
- Andrew has assessed over 250 companies including hospitals, banks, casinos to quantify their risks.
- He has been in the cryptocurrency field conducting research and trading since the inception of Bitcoin.

[Vulsec.com](https://vulsec.com) | [@aostashen](https://twitter.com/aostashen) | [@vulsec](https://www.linkedin.com/company/vulsec) | 617-356-2314 |
aostashen@vulsec.com | www.linkedin.com/in/andrewostashen



* This includes Academy Awards, Various Hospitals, Casinos, Banks, Ben Affleck.

Crypto facts

- Invested in Crypto since 2010
- BTC, ETH, XRP - 10% gains vs 1000% gains
- ArbitrageCT - 500% gains but crashed
- RISE 90% Loss - Pulled from exchanges

* Invested into both coins however I too realized profits instead of holding due to needing of funds.

* I put some money into an ICO ArbitrageCT - team out of Russia that was automating the Arbitrage of Crypto - Trading between two exchanges - Example BTC 5000\$ on one (Buy) -> transfer sell BTC \$6000 - Profit \$1000

* RISE started out to be a crowdsourcing development coin to help out developers, however it was removed off of an exchange and has yet to get put on one.

Agenda

- Introduction to Crypto Currency
- Current Market Status
- Industry News
- Business Adoptions
- Risks
- What is blockchain?
- Taxes
- Ways to get into Crypto Currency

How many individuals here are currently trading crypto currency?

BTC? Ethereum? Litecoin? Other?

Crypto Currency VS Blockchain

- **Crypto Currency:** Digital Currency
- **Blockchain:** Ledger that stores data public or privately in a secure manner

A cryptocurrency is a digital asset designed to work as a medium of exchange that uses cryptography to secure its transactions, to control the creation of additional units, and to verify the transfer of assets. Cryptocurrencies are a type of digital currencies, alternative currencies and virtual currencies.

A blockchain, originally block chain, is a continuously growing list of records, called blocks, which are linked and secured using cryptography. Each block typically contains a cryptographic hash of the previous block, a timestamp and transaction data

What is a bitcoin?

- Satoshi Nakamoto - 2009
- Bitcoin is a cryptocurrency and worldwide payment system
- The network is peer-to-peer and transactions take place between users directly, without an intermediary
- Circulating Supply **16,913,762** (as of 11 March 2018)
- Circulating Supply **17,025,837** (as of 11 May 2018)
- Limit of 21,000,000 Bitcoin



To see how big the crypto currency market is over all of the wealth within the globe

source: <https://www.marketwatch.com/story/this-is-how-much-money-exists-in-the-entire-world-in-one-chart-2015-12-18>

For purists, who believe “money” refers only to physical “narrow money” (bank notes, coins, and money deposited in savings or checking accounts), the total is somewhere around \$36.8 trillion. If you’re looking at “broad money,” which isn’t just physical money and includes any money held in easily accessible accounts, the number is about \$90.4 trillion.

As for money owed by every single person and country in the world, the grand total is \$215 trillion, with some 33% of it borrowed in the last decade.

Currently crypto currency as a whole is about \$450 billion

04-28-2013

USD ▾

← Previous Week Ne

#	Name	Symbol	Market Cap	Price	Circulating Supply	% 1h
1	 Bitcoin	BTC	\$1,503,882,095	\$135.58	11,092,162	0.32%
2	 Litecoin	LTC	\$74,426,612	\$4.33	17,170,739	0.12%
3	 Peercoin	PPC	\$7,311,640	\$0.389696	18,762,419	0.08%
4	 Namecoin	NMC	\$6,414,722	\$1.18	5,417,308	1.37%
5	 Terracoin	TRC	\$1,522,275	\$0.654561	2,325,642	0.53%
6	 Devcoin	DVC	\$1,460,589	\$0.000334	4,367,702,656	0.56%
7	 Novacoin	NVC	\$1,152,424	\$4.21	273,797	0.33%

* Not Mineable

← Previous Week Ne

Total Market Cap: \$1,596,170,359

Market 7 coins with a market cap of 1.6 Billion. Bitcoin has been around since 2009 where 4 years later there are more coins.

Source: <https://coinmarketcap.com/historical/20130428/>

03-08-2015

#	Name	Symbol	Market Cap	Price	Circulating Supply	Volume (24h)	% 1h	% 24h
1	 Bitcoin	BTC	\$3,844,421,911	\$276.25	13,916,637	\$18,775,160	-0.06%	1.58%
2	 Ripple	XRP	\$330,969,221	\$0.010372	31,908,551,587 *	\$1,345,665	-0.27%	-3.85%
3	 Litecoin	LTC	\$70,916,214	\$1.91	37,074,013	\$1,195,578	0.00%	0.99%
4	 BitShares	BTS	\$24,999,662	\$0.009987	2,503,180,286 *	\$54,818	-0.07%	0.00%
5	 Dash	DASH	\$17,639,550	\$3.40	5,182,221	\$46,069	-0.17%	1.16%
6	 Nxt	NXT	\$14,445,124	\$0.014445	999,997,096 *	\$52,335	0.04%	5.49%
7	 Dogecoin	DOGE	\$13,907,758	\$0.000141	98,536,707,259	\$59,131	-0.10%	0.16%
8	 MaidSafeCoin	MAID	\$12,680,604	\$0.028020	452,552,412 *	\$7,081	-0.01%	4.39%
9	 Stellar	XLM	\$10,541,940	\$0.002907	3,626,761,083 *	\$9,850	-0.17%	-0.66%
10	 PayCoin	XPY	\$9,662,224	\$0.699862	13,805,903	\$65,819	-0.84%	-13.43%

510 COINS - TOTAL MARKET CAP: \$4,440,504,529

Two years later there are 510 coins with a 4.4 Billion market cap

BTC doubled with a circulating supply of additional 2 Million - Market Doubled.

LTC dropped 50% in price but tripled in circulating supply - Market Capped lost 5 Million.

source: <https://coinmarketcap.com/historical/20150308/>

December 2017

#	Name	Symbol	Market Cap	Price	Circulating Supply	Volume (24h)	% 1h
1	 Bitcoin	BTC	\$327,042,265,468	\$19,528.93	16,746,556	\$14,017,554,361	0.14%
2	 Ethereum	ETH	\$69,354,165,766	\$719.52	96,389,463	\$2,266,341,435	0.37%
3	 Bitcoin Cash	BCH	\$31,114,642,419	\$1,845.50	16,859,692	\$1,003,081,536	0.33%
4	 Ripple	XRP	\$29,249,632,671	\$0.755041	38,739,144,847 *	\$1,205,330,321	-0.06%
5	 Litecoin	LTC	\$17,329,513,773	\$318.89	54,343,275	\$1,752,304,864	0.68%
6	 Cardano	ADA	\$12,053,193,386	\$0.464888	25,927,070,538 *	\$748,233,865	2.02%
7	 IOTA	MIOTA	\$9,901,809,605	\$3.56	2,779,530,283 *	\$292,062,947	-0.12%
8	 Dash	DASH	\$8,494,339,567	\$1,094.93	7,757,882	\$374,727,479	1.08%
9	 NEM	XEM	\$6,273,709,989	\$0.697079	8,999,999,999 *	\$109,955,592	0.63%
10	 Monero	XMR	\$5,411,576,292	\$349.55	15,481,770	\$234,661,352	0.58%

1325 Coins - Total Market Cap: \$590,282,842,981

The market ended up going higher around this time - Market cap was around \$816 Billion in December 2017.

The amount of alt coins have tripled

Source: <https://coinmarketcap.com/historical/20171217/>

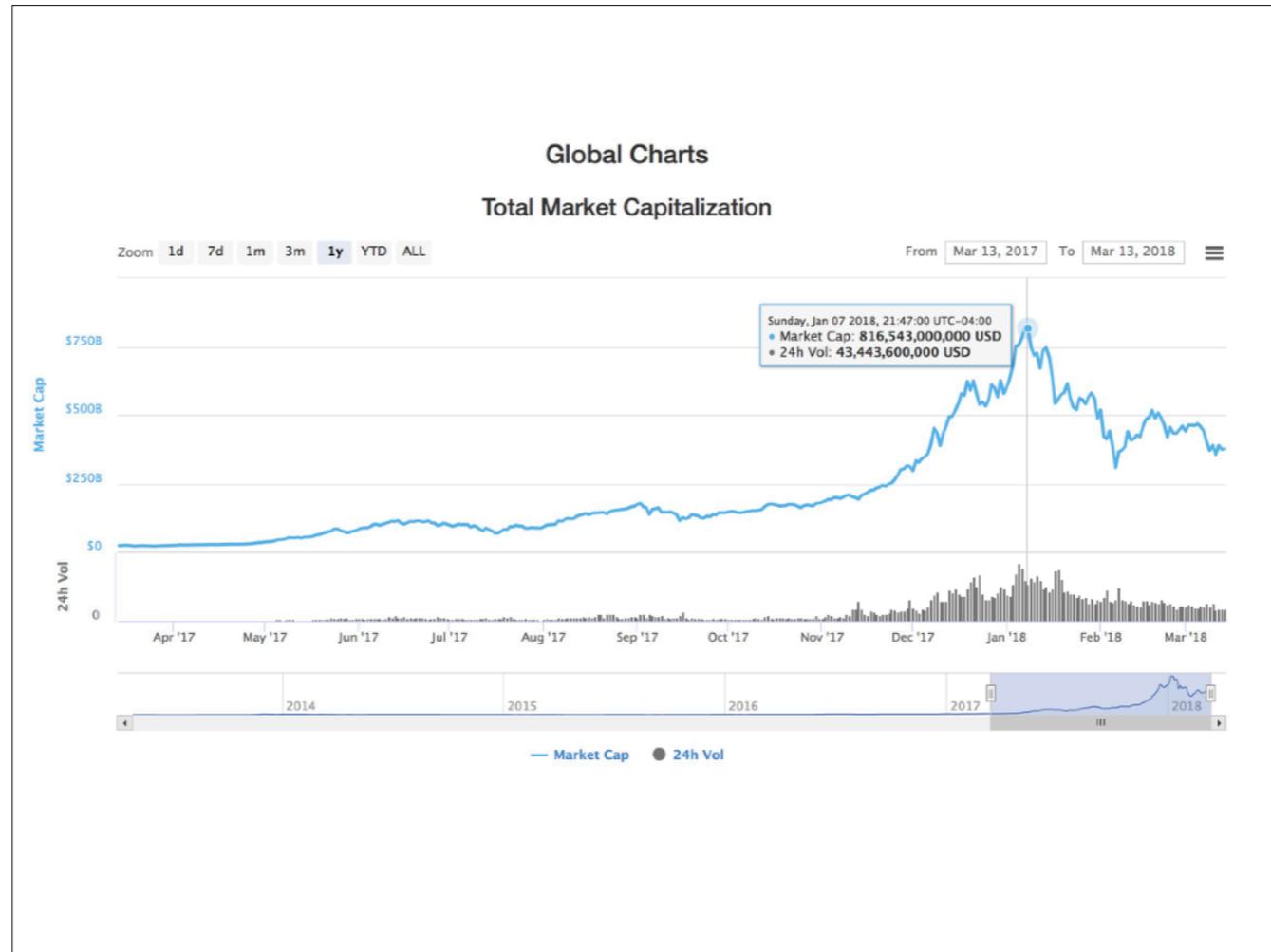
03-11-2018

#	Name	Market Cap	Price	Volume (24h)	Circulating Supply	Change (24h)	Price Graph (7d)
1	Bitcoin	\$162,711,743,541	\$9,620.08	\$6,138,620,000	16,913,762 BTC	10.46%	
2	Ethereum	\$71,400,913,217	\$727.60	\$1,536,620,000	98,131,557 ETH	7.37%	
3	Ripple	\$32,426,465,352	\$0.829492	\$446,197,000	39,091,956,706 XRP *	5.49%	
4	Bitcoin Cash	\$19,209,818,878	\$1,129.14	\$505,516,000	17,012,788 BCH	13.95%	
5	Litecoin	\$10,499,332,576	\$188.88	\$646,556,000	55,587,318 LTC	7.34%	
6	NEO	\$5,961,761,000	\$91.72	\$117,685,000	65,000,000 NEO *	9.67%	
7	Cardano	\$5,868,436,854	\$0.226344	\$159,052,000	25,927,070,538 ADA *	12.31%	
8	Stellar	\$5,643,942,220	\$0.305104	\$25,406,000	18,498,420,932 XLM *	6.78%	
9	Monero	\$4,456,746,075	\$281.82	\$69,010,300	15,814,046 XMR	11.40%	
10	EOS	\$4,426,664,075	\$6.13	\$240,844,000	721,829,721 EOS *	6.77%	

Cryptocurrencies: 1556 / Markets: 9279 Market Cap: \$388,288,084,806 / 24h Vol: \$14,552,543,899 / BTC Dominance: 41.8%

After the crash between December and February there are 1556 coins with a 388.2 Billion Market Cap

Source: <https://coinmarketcap.com/historical/20180311/>



Market crashes Jan 7th 2018 from \$816 Billion on 3-12-18 to \$388 Billion.

5-09-2018

#	Name	Market Cap	Price	Volume (24h)	Circulating Supply	Change (24h)	Price Graph (7d)
1	Bitcoin	\$159,028,468,432	\$9,340.42	\$6,632,520,000	17,025,837 BTC	0.59%	
2	Ethereum	\$75,703,802,784	\$762.01	\$2,652,230,000	99,347,780 ETH	1.91%	
3	Ripple	\$31,311,500,036	\$0.799206	\$374,694,000	39,178,259,468 XRP *	-0.60%	
4	Bitcoin Cash	\$28,326,403,857	\$1,654.57	\$1,130,210,000	17,120,100 BCH	5.49%	
5	EOS	\$15,388,255,892	\$18.17	\$943,101,000	846,909,223 EOS *	1.27%	
6	Litecoin	\$8,885,266,534	\$157.35	\$408,117,000	56,468,888 LTC	-0.13%	
7	Cardano	\$8,261,816,589	\$0.318656	\$114,073,000	25,927,070,538 ADA *	-1.18%	
8	Stellar	\$6,968,139,591	\$0.375112	\$36,500,700	18,576,157,498 XLM *	-2.34%	
9	IOTA	\$6,332,798,411	\$2.28	\$82,742,400	2,779,530,283 MIOTA *	-3.10%	
10	TRON	\$5,262,169,840	\$0.080035	\$291,163,000	65,748,111,645 TRX *	-1.93%	

Cryptocurrencies: **1595** • Markets: **10778** • Market Cap: **\$436,341,986,071** • 24h Vol: **\$20,993,647,674** • BTC Dominance: **36.4%**

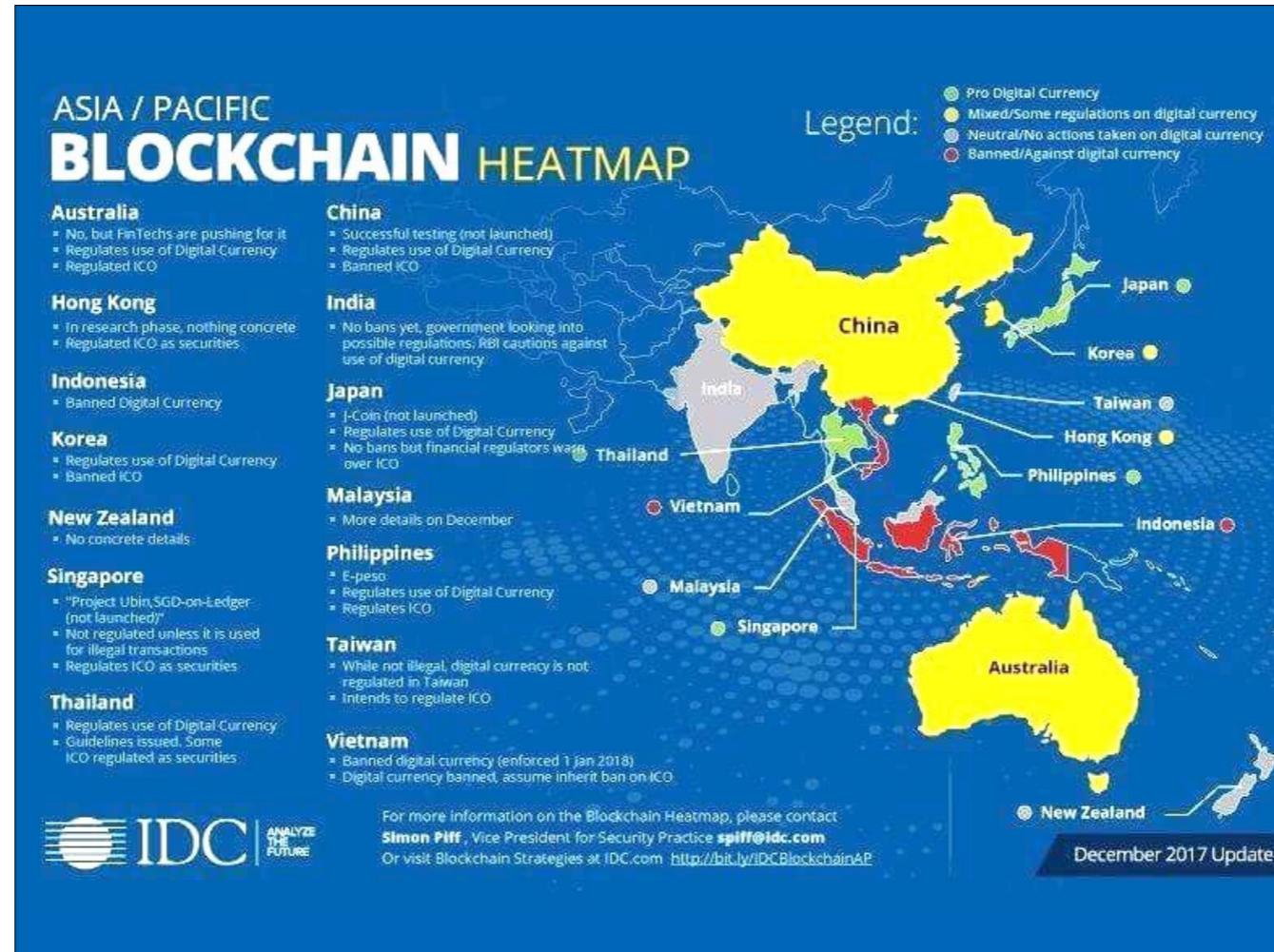
Market is up \$50 Billion in Two Months
Bitcoin lost 5% dominance



A lot of the news spread FUD (Fear Uncertainty and doubt) to the community which impacts the pricing of the market. This could be South Korea “claiming” to ban crypto currency to china stating that they are going to ban Bitcoin mining. This section is not to show what the current status of the global economy is as that is a full time job but to show what aspects are being talked about.

<https://www.crypto-news.net/cryptocurrency-market-crash-south-korea-could-enforce-crypto-ban/>

source: <http://dcebrief.com/wp-content/uploads/2015/09/breaking-news.jpg>



This data has been changing but wanted to present what has been evolving since December 2017.

Korea | China - Discussions around banning ICO and regulations of Crypto Currency.

Nobody knows what to do or think about when it comes to crypto currency. Each country is playing off of each with rapid firing of regulations from from Countries where a lot of this new is FUD to what it looks like manipulate the global market.

China to ban BTC exchanges? -\$150 Billion

India to ban BTC and other currencies? -\$ 50 Billion

South Korea to ban BTC and crypto currency? -Bitcoin was trading at \$12,615.60, down 7.1 percent

<https://www.bloomberg.com/news/articles/2017-09-11/china-is-said-to-ban-bitcoin-exchanges-while-allowing-otc-trades-j7fofh20>

September 11th, 2017

The country accounts for about 23 percent of bitcoin trades and is also home to many of the world's biggest bitcoin miners

The market lost \$150 billion within a week.

OKCoin, BTC China and Huobi, the country's three biggest bitcoin exchanges, said that they hadn't received any regulatory notices concerning bans on cryptocurrency trading.

<https://cryptocurrencynews.com/daily-news/bitcoin-news/indias-anit-bitcoin-crypto-panic-btc-drops-crypto-market-plummets/>

WARREN



BUFFETT

"[Bitcoin] is probably rat poison squared," — [Warren Buffett](#), billionaire investor and CEO of Berkshire Hathaway

CHARLIE



MUNGER

"Someone else is trading turds and you decide I can't be left out," — [Charlie Munger](#), Berkshire Hathaway VP

The 94-year-old Munger then proceeded to compare cryptocurrency trading to dealing in "freshly harvested baby brains," arguing that both would be immoral even if profitable.

"Suppose you could make a lot of money trading freshly harvested baby brains. Would you do it?" he asked. "To me bitcoin is almost as bad."

<https://cointelegraph.com/news/ethereum-as-a-security-ico-market-reopening-in-south-korea-and-rat-poison-hodlers-digest-apr-30-may-6>

<https://www.ccn.com/bitcoin-nearly-as-bad-as-trading-harvested-baby-brains-berkshire-vc-munger/>

Joint Statement by SEC and CFTC Enforcement Directors Regarding Virtual Currency Enforcement Actions

**SEC Co-Enforcement Directors Stephanie Avakian and Steven
Peikin and CFTC Enforcement Director James McDonald**

Jan. 19, 2018

"When market participants engage in fraud under the guise of offering digital instruments – whether characterized as virtual currencies, coins, tokens, or the like – the SEC and the CFTC will look beyond form, examine the substance of the activity and prosecute violations of the federal securities and commodities laws. The Divisions of Enforcement for the SEC and CFTC will continue to address violations and bring actions to stop and prevent fraud in the offer and sale of digital instruments."

Back in December 2017 the SEC had a meeting around initial coin offerings and crypto currency.

They are monitoring how aspects are going within the crypto currency world, where they are not currently regulating ICO's however they are figuring out ways to best regulate.

Compare it to the internet with Net Neutrality where it has taken 20-30 years to start looking at internet regulations.

Source: <https://www.sec.gov/news/public-statement/joint-statement-sec-and-cftc-enforcement-directors>

U.S. State Of Wyoming Defines Cryptocurrency 'Utility Tokens' As New Asset Class

March 13, 2018 317

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As the cryptocurrency ecosystem continues to evolve into an entire new economy, the U.S. government has been busy firing shots in multiple directions to enforce regulations.

The Securities and Exchange Commission (SEC) and the Commodity Futures Trading Commission (CFTC) are the two federal agencies that serve as the primary regulators of cryptocurrencies in the U.S. However, while both agencies are taking a stance to define "cryptocurrencies" in order to enforce regulations, both have differing views.



Arizona's Bitcoin Tax Bill Just Got a Big Vote of Confidence



 347     41 

Stan Higgins    

A committee in the Arizona House of Representatives has recommended the passage of a bill allowing state residents to pay their tax bills in bitcoin.

Public records show that the House's Ways and Means Committee [advanced](#) the measure on March 7. While the bill won't be finalized until the full House puts it up to a vote, the endorsement raises the likelihood that it will be sent to the governor's desk for signature - and become state law.

Lawmakers first began considering the measure back in January, as [CoinDesk](#) [previously reported](#). If approved, residents can pay "tax and any interest and penalties" using "bitcoin or other cryptocurrency." While the specifics of this process will likely need to be fleshed out further, the measure also calls for the state's Department of Revenue to convert the cryptocurrency to U.S. dollars within 24 hours.

States within the US are saying that citizens are allowed to pay their taxes with Bitcoin.

- A) This shows that the local governments want to collect crypto currency.
- B) Shows adoptions in the government about crypto currency and regulations.
- C) My Current business accepts Bitcoin from customers especially as we start continuing working with crypto companies.

Source:
<https://maxpositives.com/2018/03/13/u-s-state-of-wyoming-defines-cryptocurrency-utility-tokens-as-new-asset-class/>

<https://www.coindesk.com/arizona-bitcoin-tax-bill-vote-of-confidence/>

Iran turns to BTC Amid nuclear deal

- Donald Trump announced the country's withdrawal from the Iran Nuclear Deal and restoring sanctions.
- Iranians are turning to BTC to protect their savings from future banking restrictions and currency volatility.
- \$2.5 Billion has fled Iran following purchases of currency. "Mohammad Reza Pourebrahimi, Chairman of Iran's economic commission."

<https://www.newsbtc.com/2018/05/10/iranians-turn-to-bitcoin-amid-iran-nuclear-deal-crisis/>

Enter the 'petro': Venezuela to launch oil-backed cryptocurrency

Alexandra Ulmer, Deisy Buitrago

4 MIN READ



CARACAS (Reuters) - Venezuelan President Nicolas Maduro looked to the world of digital currency to circumvent U.S.-led financial sanctions, announcing on Sunday the launch of the “petro” backed by oil reserves to shore up a collapsed economy.

Venezuelan reserves of gold, oil, gas, and diamonds.

There are reports the Cambodia is going to follow in Venezuela's Footsteps.

However there are reports coming out now that this is not going to happen.

The more interesting part about this is not Venezuela but how countries can utilize another median if their current currency is not good.

but a currency is only "backed by gold" if a foreign financial institution can convert their yuan or rubles into gold upon demand.

Sources: <https://www.mises.org/wire/venezuelas-new-cryptocurrency-not-really-backed-oil>

<https://www.theguardian.com/world/2017/dec/04/venezuela-to-launch-cryptocurrency-to-combat-us-blockade-maduro-says>

Former top Trump advisor: Global cryptocurrency is coming

But Cohn is no fan of bitcoin or other cryptocurrencies. "I'm not a big believer in bitcoin. I am a believer in blockchain technology," Cohn said, referring to the technology that underlies bitcoin and other digital coins.

The new cryptocurrency, Cohn said, "will probably have some blockchain technology behind it, but it will be much more easily understood how it's created, how it moves and how people can use it."

<https://www.snip.today/main/post/former-top-trump-advisor-global-cryptocurrency-is-coming/>

NYT: New York Stock Exchange Owner Wants To Let Customers Buy Bitcoin

As the New York Times reports, citing "emails and documents" as well as four anonymous sources, NYSE owner Intercontinental Exchange (ICE) is planning to offer traders contracts that eventually result in customers owning the cryptocurrency.

"The industry is seeing unprecedented institutional interest for the first time in Bitcoin's history. I've been amazed that the strongest believers in cryptocurrency often start out the most skeptical. It's a healthy skepticism. But at some point the perception shifts, and for many institutions – I think we're finally there," he said.

<https://cointelegraph.com/news/nyt-new-york-stock-exchange-owner-wants-to-let-customers-buy-bitcoin>

<https://viraldocks.com/newyork-stock-exchange-nyse-cryptocurrency-exchange/>

The Wealthy Are Hoarding \$10 Billion of Bitcoin in Bunkers

Xapo's billionaire backers include LinkedIn Corp. co-founder Reid Hoffman and former Wall Street trader Mike Novogratz, who's in the process of setting up his own cryptocurrency merchant bank. Their bet is that Bitcoin is here to stay, and so is its biggest scourge, theft.

The first rule of owning Bitcoin is to securely keep your private key -- the code that lets you spend your coins. If thieves get it, they can loot your holdings in an instant, with no hope of recovery. Putting keys on a device connected to the Internet is both convenient and perilous: Hackers have proven adept at obtaining them from afar.

https://www.bloomberg.com/news/articles/2018-05-09/bunkers-for-the-wealthy-are-said-to-hoard-10-billion-of-bitcoin?utm_campaign=news&utm_medium=bd&utm_source=applenews

American Express, Santander team up with Ripple for cross-border payments via blockchain

- Payments made by American Express' business customers on its FXIP platform will now be routed through Ripple's enterprise blockchain network
- The blockchain project will initially allow customers in the U.S. to make instant, traceable cross-border payments with U.K. Santander bank accounts
- Ripple said that its cryptocurrency, XRP, will "come into play" as a means of speeding up payments later on down the line

Ryan Browne | @Ryan_Browne_

Published 8:01 AM ET Thu, 16 Nov 2017 | Updated 10:46 AM ET Thu, 16 Nov 2017



Pete Rizzo



Jun 22, 2016 at 13:59 UTC | Updated Jun 23, 2016 at 16:02 UTC

NEWS

San Francisco-based distributed ledger tech startup Ripple has added seven new partner financial institutions.

Announced today, ATB Financial, the Canadian Imperial Bank of Commerce (CIBC), National Bank of Abu Dhabi (NBAD), Reisebank, Santander, UniCredit and UBS have all revealed that they are using the technology, though Ripple said the specific use cases each partner is pursuing varies.

In interview, [Ripple](#) CEO Chris Larsen sought to position the partnerships as evidence that adoption of the company's technology is increasing, and that these partners are increasingly serious about using its offerings for real money transfers.

Big organizations are starting to partner up with various crypto currencies to gain traction with the technology.

Various banks partnering up with Ripple/ XRP

Source: <https://www.cnbc.com/2017/11/16/american-express-santander-team-up-with-ripple-on-blockchain-platform.html>

<http://fortune.com/2018/01/11/ripple-moneygram-xrp-cryptocurrency-bank-transfers/>

<https://www.coindesk.com/7-financial-institutions-announce-partnerships-ripple/>

Kodak creating its own cryptocurrency, KodakCoin

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NEW YORK - Eastman Kodak's (KODK) stock price more than doubled on Tuesday after the venerable imaging company said it's entering the digital currency business.

Kodak said it will team with blockchain developer WENN Digital, to launch a cryptocurrency and image licensing tool that the companies say will help photographers and agencies manage image rights.

Long Island Iced Tea skyrockets after renaming itself Long Blockchain



Reuters December 21, 2017

(Reuters) - Beverage maker Long Island Iced Tea Corp's (LTEA.O) shares jumped nearly 300 percent on Thursday after the company said it would rebrand itself Long Blockchain Corp, the latest U.S. firm to tap into the frenzy surrounding crypto currencies.

Long Island Ice Tea said it was shifting its primary business strategy to blockchain technology and was in the preliminary stages of evaluating specific opportunities to grow that business.

Organizations are changing their business into blockchain or developing tokens to generate revenue for the business.

Source: <https://www.cbsnews.com/news/kodak-creating-its-own-cryptocurrency-kodakcoin/>
<https://finance.yahoo.com/news/long-island-iced-tea-skyrockets-152620073.html>



Binance Hacker Bounty



Summary of the Phishing and Attempted Stealing Incident on Binance



Fellow Binancians,

On Mar 7, UTC 14:58-14:59, within this 2 minute period, the VIA/BTC market experienced abnormal trading activity. Our automatic risk management system was triggered, and all withdrawals were halted immediately.

This was part of a large scale phishing and stealing attempt.

So far: All funds are safe and no funds have been stolen.

The hackers accumulated user account credentials over a long period of time. The earliest phishing attack seems to have dated back to early Jan. However it was around Feb 22, where a heavy concentration of phishing attacks were seen using unicode domains, looking very much like binance.com, with the only difference being 2 dots at the bottom of 2 characters. Many users fell for these traps and phishing attempts. After acquiring these user accounts, the hacker then simply created a trading API key for each account but took no further actions, until yesterday.

Fellow Binancians,

To ensure a safe crypto community, we can't simply play defense. We need to actively prevent any instances of hacking before they occur, as well as follow through after-the-fact. Even though the hacking attempt against Binance on March 7th was not successful, it was clear it was a large-scale, organized effort. This needs to be addressed.

Binance is offering a \$250,000 USD equivalent bounty to anyone who supplies information that leads to the legal arrest of the hackers involved in the attempted hacking incident on Binance on March 7th, 2018.

The first person to supply substantial information and evidence that leads to the legal arrest of the hackers, in any jurisdiction, will receive the equivalent of \$250,000 USD in BNB. The exchange rate will be determined at time of transfer.

Please supply detailed information to bounty@binance.com as well as to your local law enforcement agencies.

If your local laws allow, you may remain anonymous.

If multiple sources/segments of data are used to lead to the final legal arrests, the bounty may be split between sources. Binance reserves all rights to split the bounty amount, solely at our discretion.

Furthermore, Binance has currently allocated the equivalent of \$10,000,000 USD in crypto reserves for future bounty awards against any illegal hacking attempts on Binance. We have also invited other exchanges and crypto businesses to join our initiative. We welcome their participation at any time.

Protecting your funds is and has always been our highest priority!

Thanks for your support!

Binance ended up getting breached where now Binance has an open bounty to catch the hackers (watch the stolen coins) and if there are any more breaches they have \$10 million USD in reserves.

Source: <https://support.binance.com/hc/en-us/articles/360001615252-Binance-Hacker-Bounty>

Mt. Gox

- Bitcoin exchange based in Tokyo, Japan
- Hacked February 2014
- 850,000 Bitcoins were stolen.
- They were valued at \$450 million and would currently be worth about \$7.7 billion.

Crypto-Miners Supplant Ransomware as the Top Healthcare Cybersecurity Threat

- Outdated software allowing for hackers to implement miners.
- Crypto miners are increasing while ransomware is decreasing.

<https://securityintelligence.com/news/crypto-miners-supplant-ransomware-as-the-top-healthcare-cybersecurity-threat/>

Automotive

Track the full history of vehicles from supply chain to pre-production, sale and ongoing owner registration and insurance history.

Banking, Financial, Fintech

Streamline global payment processing with high efficiency, secure transaction and storage of value, minimize auditing complexity, automate taxation.

Certification and Degrees

Incorruptible database of certification which allows for easy authorization which is impossible to fake.

Charity

Tracking dispersion of funds, increased accountability, reduced overheads and simple payment processing.

Commercial Transportation

Tracking journey stops with IOT to create an immutable ledger of trip data, easy store of big data such as service popularity and demographics.

There are many uses for Blockchain in making data private, more secure, more reliable within various industries.

Track donations into charities to streamline taxes to donor, distribution of funds, and monitoring of funds.

Computing Resources

Decentralized secure database can be applicable for cloud computing or remote processing.

Credit History

Immutable, incorruptible, accurate and accessible store of credit history.

Cyber Security

Fight hacking with the immutable ledger guaranteeing the validity of data with no single point of failure.

Digital Identity

Immutable, incorruptible, accurate and accessible store of identity.

Education

Digitizing verification of academic credentials with a federated repository of academic information specific to class, professor and student.

- * Remove Equifax from the equation where your credit history is maintained and monitored by your entity and regulated from you.
- * Section Digital identity information that is tokenized and secure.
- * Education - knowledge should be free and artists can own their own materials instead of getting “agents” or labels.

Government and Voting

Immutable, incorruptible, accurate and accessible store of ballot information can reduce voter fraud, ballot inefficiencies, and minimize government fraud.

Gun Safety

Tracking gun ownership and possession of related information including criminal ID history and unsuccessful attempts to purchase.

Human Resources

Verification of identity, employment history, payments and benefits process validation.

Legal

Smart contracts with predefined rules, expiration and automated adjudication.

Proof of Ownership

Immutable, incorruptible, accurate and accessible store of ownership records.

- * Being able to vote from your mobile phone or digitally at a center after proper verification process. Van vote on more bills or directly influence politicians.
- * How to implement federal standardization for gun regulations?
- * Proof of ownership of goods, think of Airbnb meets storage units meets Uber/UpRound meets you're own business with your stuff.

Winklevoss Twins Gain Fifth Patent For Exchange-Traded Products Using Crypto

15494 Total views 250 Total shares

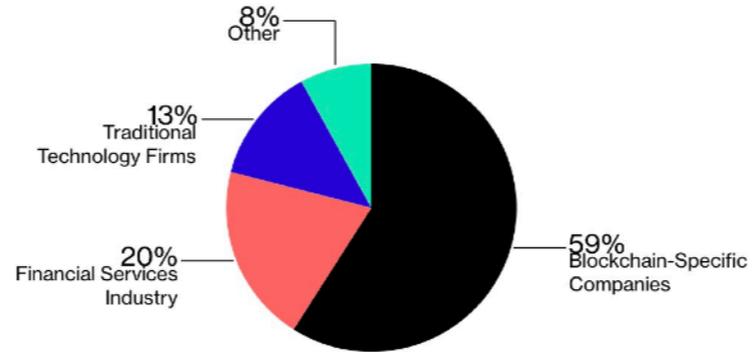


<https://cointelegraph.com/news/winklevoss-twins-gain-fifth-patent-for-exchange-traded-products-using-crypto>

“The present invention generally relates to systems, methods, and program products for use with exchange traded products (‘ETPs’) holding digital assets and other products and/or services related to ETPs holding digital assets.”

Betting on Blockchain

Banks are some of the largest holders of patents for blockchain technology



<https://www.cnbc.com/2016/01/28/bank-of-america-is-going-big-on-blockchain-plans-to-file-20-patents.html>

Bank of America has filed for 48 blockchain related patents
IBM and Master Card have about 27 each

identified 1,045 patents or applications related to blockchain filed in the U.S. by 478 owners.

TAXES

- Bitcoin.tax -> Computing capital gain tax on trades
- Buy Lite Coin USDT/USD
- Sell into BTC; BTC goes up in profit (Taxes)
- Sell BTC into ADA; ADA goes up in profit (Taxes)
- Sell ADA into BTC; BTC goes up (Taxes)
- Sell BTC into USDT/ USD (Taxes)

What is a Satoshi?

Bitcoin, the world's first cryptocurrency, has a unit called "Satoshi".

A Satoshi is the smallest unit of Bitcoin. It is named after [Satoshi Nakamoto](#), the creator of Bitcoin. Each BTC is divisible until the $1/10^8$ part. A unit of Satoshi is equal to 0.00000001 bitcoin.

1 Satoshi	=	0.00000001 ₿	
10 Satoshi	=	0.00000010 ₿	
100 Satoshi	=	0.00000100 ₿	= 1 Bit / μ BTC (you-bit)
1,000 Satoshi	=	0.00001000 ₿	
10,000 Satoshi	=	0.00010000 ₿	
100,000 Satoshi	=	0.00100000 ₿	= 1 mBTC (em-bit)
1,000,000 Satoshi	=	0.01000000 ₿	= 1 cBTC (bitcent)
10,000,000 Satoshi	=	0.10000000 ₿	
100,000,000 Satoshi	=	1.00000000 ₿	

TRADING

- \$500
- **B**: Lite Coin - \$ 157.10 = 3.18269
- **S**: Lite Coin 3.18269 @ 0.016781 (\$156.88) -> BTC = 0.0533445 (\$9,341.99)
- **B**: BTC 0.0533445 (\$9,341.99) -> ADA @ 0.00003358 (\$0.31) = 1589
- **S**: ADA 1589 @ 0.00004 -> BTC = 0.06356 - ~%10 Profit

CRYPTO20 LOGIN PERFORMANCE COMPETITION FAQ ENGLISH

The First Tokenized Crypto Index Fund

CRYPTO20 is trading on exchanges. Get your C20 tokens now!

C20

Exchange Listings: Bibox (NOW TRADING), HitBTC (NOW TRADING), IDEX (NOW TRADING)

Fund Value: \$60,296,629 | Token NAV: \$1.48695

C20 Movement: -2.53%, -7.31%, -23.39%, -21.82%, 75.06%

Current Fund Portfolio: 10.5%, 10.3%, 10.2%, 9.9%, 9.6%, 6.0%, 5.8%, 5.5%, 4.2%, 4.2%, 4.1%, 3.8%, 3.7%, 2.4%, 2.1%, 1.9%, 1.5%, 1.4%, 1.4%, 1.4%

Fact Sheet | White Paper | Join our newsletter!

Crypto Index Fund that allows an investor to diversify their portfolio into the top 20 coins automatically without having to do it themselves.

Source: <https://www.crypto20.com/en/>

Ways to buy in

- <https://www.coinbase.com/>
- <https://gemini.com/>
- <https://www.binance.com/>
- <https://crypto.robinhood.com/>
- <https://www.circle.com/en/invest>
- <https://libertyx.com/>

Resources

- <https://coinmarketcap.com/>
- <https://pureinvestments.org/>
- <https://coincap.io>
- <https://reddit.com/r/cryptocurrency>
- <https://www.coindesk.com>
- <https://cointelegraph.com/>

Andrew Ostashen

- Andrew is President and CEO at Vulsec.
- Andrew has assessed over 250 companies including hospitals, banks, casinos to quantify their risks.
- He has been in the cryptocurrency field conducting research and trading since the inception of Bitcoin.

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* This includes Academy Awards, Various Hospitals, Casinos, Banks, Ben Affleck.

Mark Your Calendars

- **June 20: “Wines Around the World”
Membership Appreciation – CTP Credits, Guests Welcome**
- **September 12: TBD**
- **October 17:**
Money Market Fund Reform and Treasury rethinking cash and investment policies & procedures
- Ed Baldry, Founder and Head of Global Sales, ICD

The Dawn of a New Era in Electronic Invoicing and Payments discussing the new Real-Time Payment (RTP) System and how it can be leveraged in the AR/AP space
- Peter Davey, Payment Innovator, Strategist, The Clearing House

Thank you!

Approved for up to 1.2 FP&A recertification credits by the Association for Financial Professionals at the rate of one credit for each 50 minutes of attendance.

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