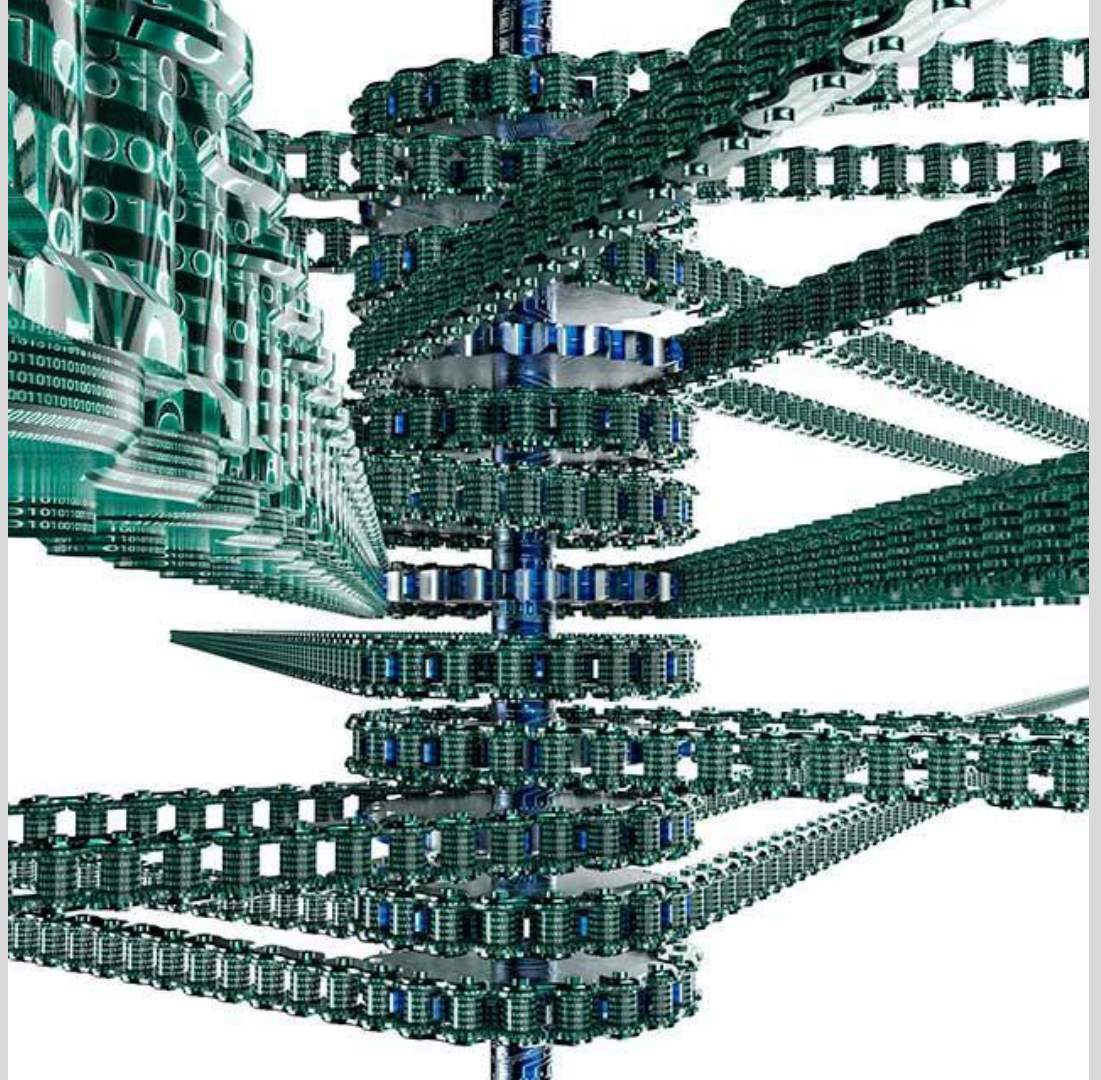


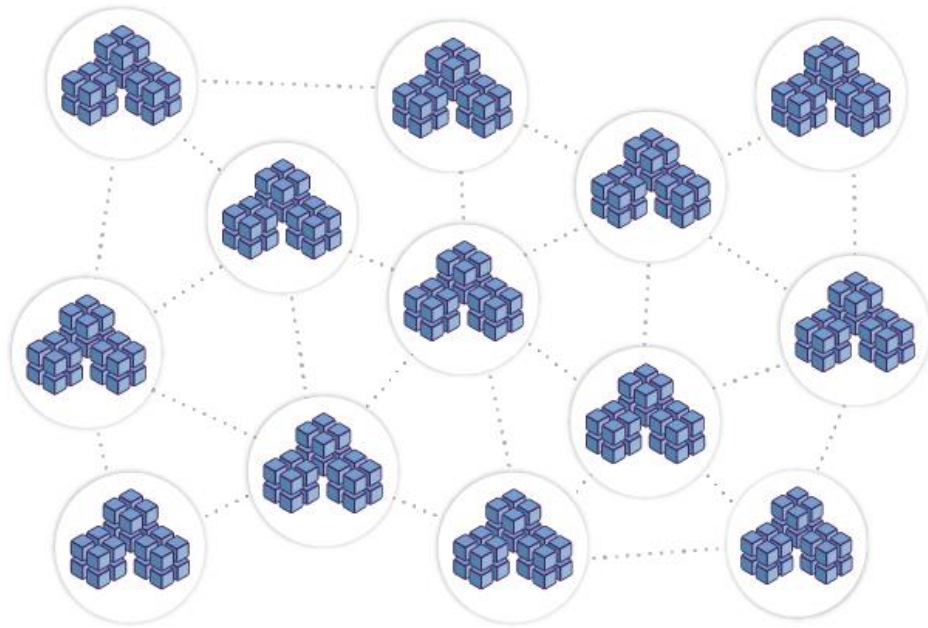
# BLOCKCHAIN

Cadena de Bloques

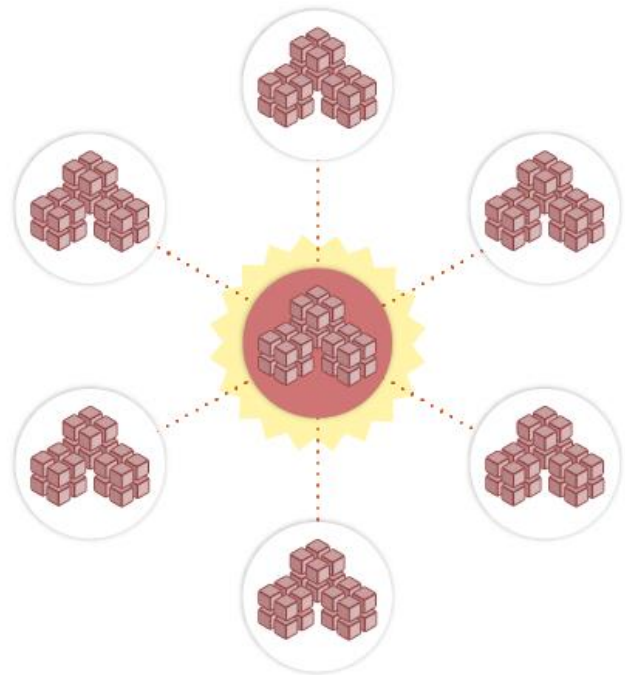


*Blockchain* es una tecnología diseñada para administrar un registro de datos online, caracterizada por ser transparente y prácticamente incorruptible.

- Resistente a la censura
- Fin de la centralización de datos
- No requiere de terceras partes
- Smart Contract y su integración con IOT
- La información no puede ser modificada o borrada (trazabilidad)



**Red distribuida**



**Red centralizada**

*Casos de*

*USO*

## DISTRIBUCIÓN GLOBAL DE NODOS DE BITCOIN

Nodos accesibles a partir del martes 26 de noviembre de 2019 22:51:38 GMT-0300 (hora estándar de Argentina) .

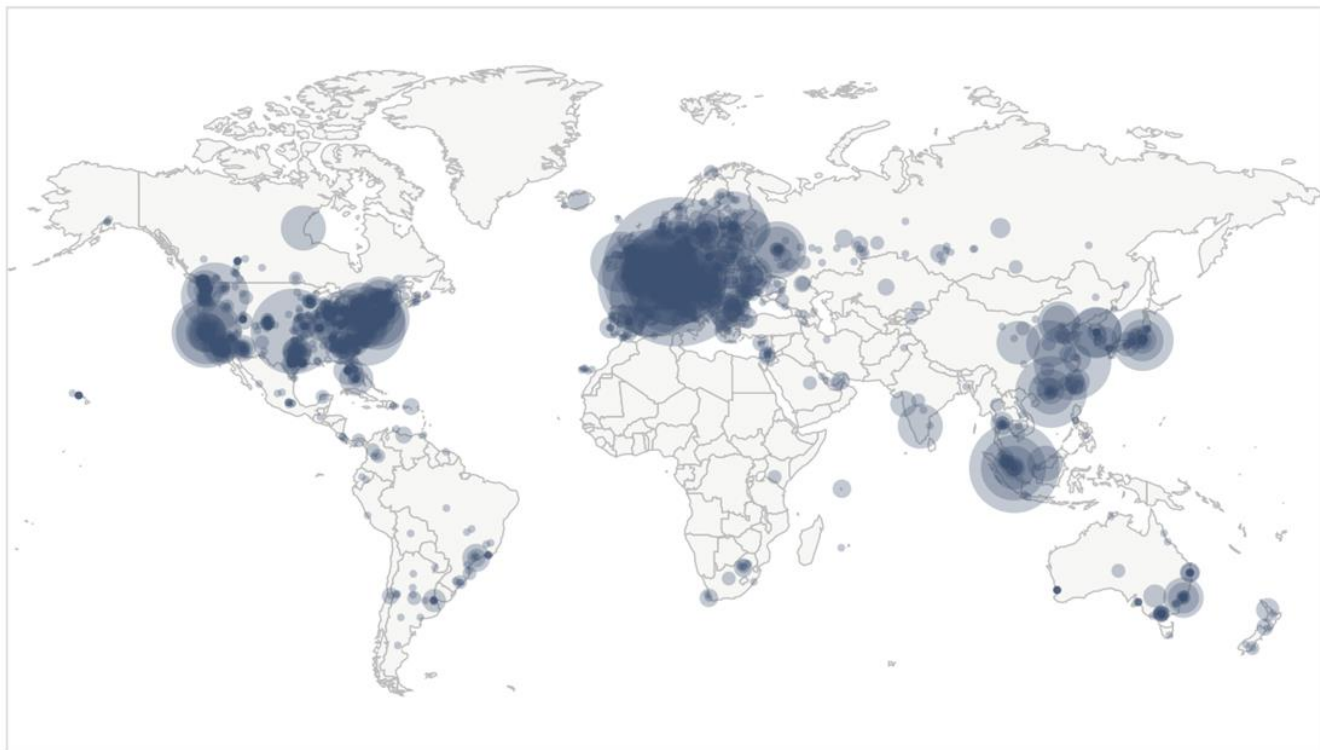
### 9472 NODOS

Gráficos de 24 horas »

Los 10 principales países con su respectivo número de nodos alcanzables son los siguientes.

RANGO	PAÍS	NODOS
1	Estados Unidos	2464 (26,01%)
2	Alemania	1892 (19,97%)
3	Francia	601 (6,35%)
4	Países Bajos	504 (5,32%)
5	Singapur	351 (3,71%)
6	Canadá	347 (3,66%)
7	Reino Unido	334 (3,53%)
8	China	301 (3,18%)
9	Federación Rusa	225 (2,38%)
10	Japón	200 (2,11%)

Más (96) »



El mapa muestra la concentración de nodos de Bitcoin accesibles que se encuentran en países de todo el mundo.

MAPA EN VIVO

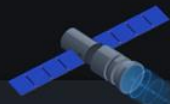
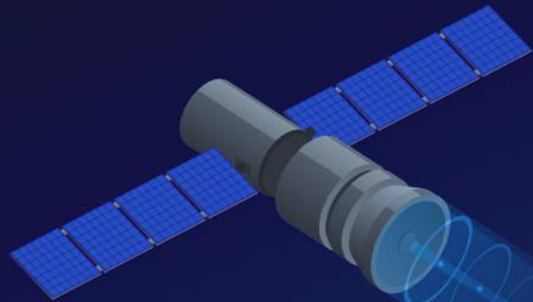
Aunque la red se caiga, con que solo uno de esos nodos no lo haga, la información no se perderá”



# Blockstream SATELLITE

Blockstream has taken Bitcoin into space. The Blockstream Satellite network broadcasts the Bitcoin blockchain around the world 24/7 for free, protecting against network interruptions and providing anyone in the world with the opportunity to use Bitcoin.

[Learn More](#)



## Cobertura satelital

Mapa de cobertura detallado para cada satélite en la red.



## Proyecto GitHub

Visite nuestro proyecto de código abierto y obtenga asistencia con nuestro software.

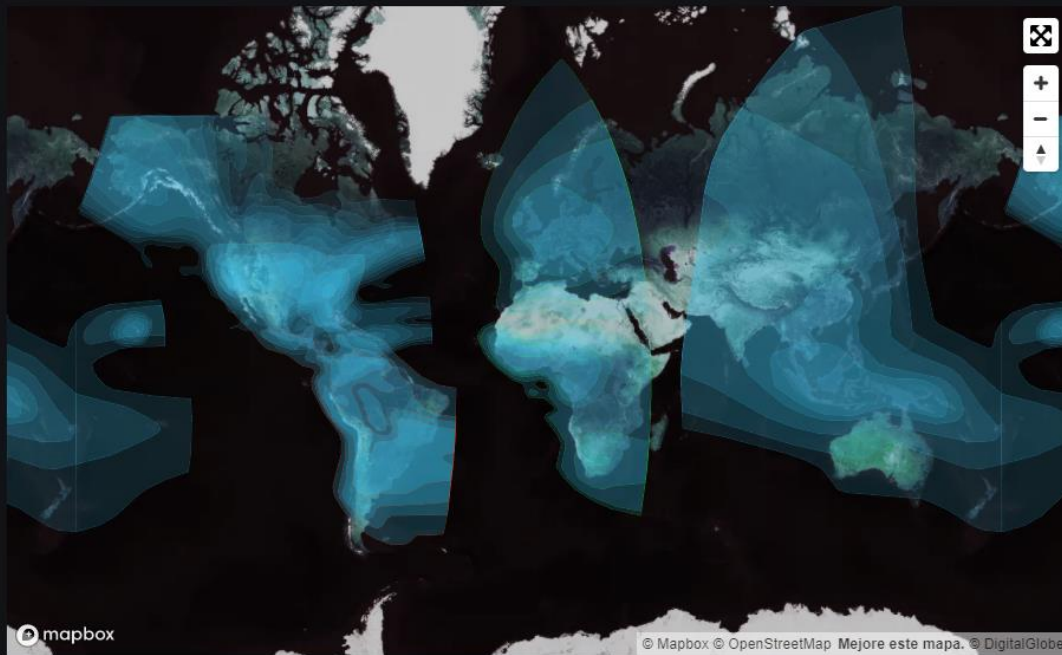


## Herramienta de alineación de plato

Encuentre fácilmente la dirección exacta para señalar su plato.







mapbox

© Mapbox © OpenStreetMap Mejore este mapa. © DigitalGlobe



**GALAXY 18**

Norteamérica

Long.: 123 O

Frec.: 12022,85 MHz

PoL.: Horizontal



**EUTELSAT 113**

Sudamérica

Long.: 113 O

Frec.: 12026,15 MHz

PoL.: Vertical



**TELSTAR 11N**

África

Long.: 37,5 O

Frec.: 11476,75 MHz

PoL.: Horizontal



**TELSTAR 11N**

Europa

Long.: 37,5 O

Frec.: 11504,02 MHz

PoL.: Vertical



**TELSTAR 18V**

Asia


Long.: 138 E

Frec.: 4057.5 Mhz

PoL.: Horizontal

Encuentre su billetera y empiece a hacer pagos con usuarios y comerciantes.

 **Escritorio**

 **Hardware**

 **Móvil**

 **Web**



ArcBit



Bitcoin  
Core



Bitcoin  
Knots



BitGo



Electrum



Green  
Address



mSIGNA



Armory



Bither

Encuentre su billetera y empiece a hacer pagos con usuarios y comerciantes.

 Escritorio

 Hardware

 Móvil

 Web



Coinapult



Coinbase



Coin.Space



Green  
Address



BitGo



BTC.com



Xapo

 Escritorio

 Hardware

 Móvil

 Web



Airbitz



ArcBit



Bitcoin  
Wallet



Bither



breadwallet



BTC.com



Coin.Space



Electrum



Green  
Address



GreenBits



Mycelium



Simple  
Bitcoin

 Escritorio

 Hardware

 **Móvil**

 Web

---



ArcBit



Bither



breadwallet



BTC.com



Coin.Space




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Address



Airbitz

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 **Hardware**

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KeepKey



Ledger  
Nano



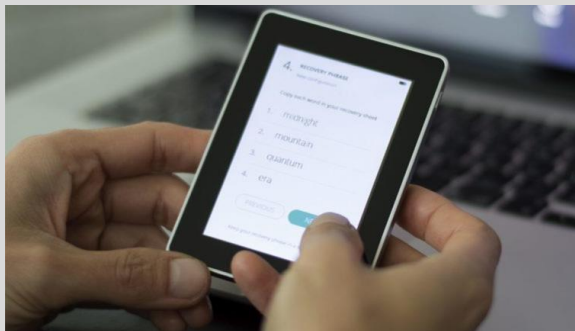
Ledger  
Nano S



Trezor



Digital  
Bitbox



The safe place  
for your coins.



Ledger Nano X

Keep your crypto secure,  
everywhere.

Pre-order

Learn more



Public

ZCL Address



t1QUE6StEKfdaFTANPqF2bFBxK  
CqjxNhEKg

Secret

Private Key



Kyx4Aaz9CcZMeRsmqTpNStbK  
GmRsCtgjWGQNLbqJcryRW4W  
5Xxoz

# Tabla de relación Btc/Usd

$1 \cdot 10^{-8}$

**BTC**

**U\$S**

1

4500

0.1

450

0.01

45

0.001

4.5

0.0001

0.45

0.00001

0.045

0.000001

0.0045

0.0000001

0.00045

0.00000001

0.000045

← Unidad mínima Satoshi

## Bitcoin Charts

Zoom 1d 7d 1m 3m 1y YTD **ALL**

From Apr 28, 2013 To Sep 26, 2017



— Market Cap — Price (USD) — Price (BTC) ● 24h Vol

Linear Scale

Log Scale














## Historical Snapshot - January 01, 2017

USD ▾

← Previous Week

Next Week →

View All

▲ #	Name	Symbol	Market Cap	Price	Available Supply	Volume (24h)	% 1h	% 24h	% 7d
1	 Bitcoin	BTC	\$15,482,057,104	\$963.06	16,075,850	\$83,178,589	0.10%	1.09%	9.59%
2	 Ethereum	ETH	\$722,829,967	\$8.26	87,469,764	\$10,353,757	0.22%	2.99%	13.41%
3	 Ripple	XRP	\$237,638,345	\$0.006540	36,337,298,649 *	\$260,302	0.09%	2.10%	2.49%
4	 Litecoin	LTC	\$214,726,272	\$4.37	49,134,311	\$8,586,509	0.17%	1.09%	0.48%
5	 Monero	XMR	\$185,582,499	\$13.58	13,663,207	\$4,050,544	-0.08%	4.33%	41.11%
6	 Ethereum Classic	ETC	\$127,129,044	\$1.45	87,419,695	\$3,049,350	0.13%	1.91%	32.06%
7	 Dash	DASH	\$78,695,538	\$11.26	6,991,229	\$3,266,181	0.19%	1.72%	13.56%
8	 MaidSafeCoin	MAID	\$44,886,080	\$0.099184	452,552,412 *	\$285,343	0.03%	-2.59%	-4.82%
9	 Augur	REP	\$41,714,289	\$3.79	11,000,000 *	\$246,763	0.07%	-0.71%	31.37%
10	 Steem	STEEM	\$39,078,093	\$0.170216	229,579,712	\$88,133	-0.20%	3.54%	27.52%
11	 NEM	XEM	\$32,994,492	\$0.003666	8,999,999,999 *	\$22,321	-0.00%	-1.30%	1.42%



ethereum



ethereum



# Solidity



Solidity es un lenguaje de alto nivel orientado a contratos. Su sintaxis es similar a la de JavaScript y está enfocado específicamente a la Máquina Virtual de Ethereum (EVM).

Solidity está tipado de manera estática y acepta, entre otras cosas, herencias, librerías y tipos complejos definidos por el usuario.

Como verá, es posible crear contratos para votar, para el crowdfunding, para subastas a ciegas, para monederos muti firmas, y mucho más.

Join the official 2019 Python Developers Survey: [Start the survey!](#)

```
pip install serpent
```




Last released: Mar 10, 2019

Serialization based on `ast.literal_eval`

## Navigation

 Project description

 Release history

 Download files

## Statistics

## Project description

Serpent is a simple serialization library based on `ast.literal_eval`.

Because it only serializes literals and recreates the objects using `ast.literal_eval()`, the serialized data is safe to transport to other machines (over the network for instance) and de-serialize it there.

*There is also a Java and a .NET (C#) implementation available. This allows for easy data transfer between the various ecosystems. You can get the full source distribution, a Java .jar file, and a .NET assembly dll. The java library can be obtained from Maven central (groupid `net.razorvine` artifactid `serpent`), and the .NET assembly can be obtained from Nuget.org (package `Razorvine.Serpent`).*



My Ether Wallet

[www.MyEtherWallet.com](http://www.MyEtherWallet.com)



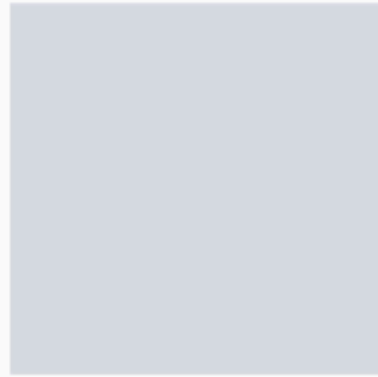
YOUR ADDRESS

Your Address:

0x98c037eED65031a5EC084ceD096D15F548cf5Afc

Your Private Key:

19e66d68ca18e03ed0b2d89769837ac58a9475a51ef959b654101265e9b7fcd4



AMOUNT / NOTES



YOUR PRIVATE KEY



Always look for this icon when sending to this wallet.



### Address

0x08DCf49de3A4471  
037325579C9c2f9ab  
D6784119



### Balance

0.221153836 ET  
H



### Network

myetherwallet.com(ETH)  
Last block# : 9010924

[Change](#)[Back](#)

### Name Your Wallet

[Check](#)

Have any issues? [Help Center](#)

[Tokens](#)[+ Custom Tokens](#)

TTV	10513.597714429999316992
XNN	92.61872547281533721
VIN	7.77
VIU	7.50640708
\$FIXY NETWORK	0

[Help](#)



Red principal de Ether... ▾



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Red principal de Ether... ▾



Mineria

0xE255...D8F9



0.5772 ETH

\$85.47 USD

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Enviar

Historial

No tienes transacciones

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Principal

0.755084 ETH



Blockchain-ar.eth

0.002 ETH



Mineria

0.577219 ETH



VER ENS

Enviar



Crear cuenta



Importar cuenta



Conectar billetera de hardware



Información y ayuda



Configuración





# Central Bank of China: bitcoin and Ethereum — objects of national interests of the country



spopovss ▾ 48 in bitcoin

4 months ago



A close-up photograph of Vladimir Putin, the Russian President, wearing a dark suit, white shirt, and a patterned tie. He is looking slightly to the left of the camera with a serious expression. The background is a solid blue color. Two microphones are visible in front of him.

Ethereum News News

# Ethereum Inventor Vitalik Buterin Meets Russian President Vladimir Putin

Andrew Quentson on 03/06/2017



Por William Suberg

AUG 09, 2017

## Rusia Rivalizará a China en la Minería Bitcoin? El ayudante de Putin lanza "Miner Coin" ICO

14253 Vistas totales 271 Número total de compartidos



Un asesor del presidente [Russian](#) , Vladimir Putin, está recaudando \$100 millones para lanzar un [negocio minero Bitcoin](#) en competencia con China.

Como los [informes](#) de Bloomberg del martes, los planes, que cogieron la [cripto industria](#) internacional por sorpresa, giran alrededor de la creación de la moneda rusa Miner Coin.



Por Joshua Althaus

AUG 22, 2017

## Agencia de Servicios Financieros de Japón afirma que 50 Casas de Cambio de Bitcoin ya se han registrado



16149 Vistas totales 931 Número total de compartidos




La Agencia de Servicios Financieros de Japón (FSA) ha anunciado que recibió solicitudes de registro de 50 casas de cambio de Bitcoin a partir de agosto de 2017. Las solicitudes está siendo

# IBM landed a big win in the race to sell blockchain to Wall Street



Oscar Williams-Grut  

Jun. 27, 2017, 7:11 AM  6,723

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(Save70)

Sponsored Links

IBM has been selected to build a new blockchain-based international trading system for a consortium of global banks, a major win for the tech giant in the race to sell blockchain to Wall



## Microsoft Launches Ethereum-Based 'Coco Framework' to Speed Up Blockchain Network

Sunday, August 13, 2017 Swati Khandelwal

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1.58k

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### The Coco Framework

Powered by  Microsoft

A growing number of enterprises are showing their [interest in blockchains](#), but the underlying software fails to meet key enterprise requirements like performance, confidentiality, governance, and required processing power.

However, Microsoft wants to help solve these issues and make it easier for the enterprises to build their networks using any distributed ledger.

Microsoft has unveiled a framework called "Coco" — short for "Confidential Consortium" — a new

# BBVA usa blockchain para hacer pagos internacionales en segundos y pone en la mira el monopolio histórico de Swift

por BLOOMBERG | 22 abril, 2017



Mediante un programa desarrollado por Ripple, firma de San Francisco, BBVA ha transferido unos 50 pagos denominados en euros a México desde España en segundos. Tales transacciones normalmente tardan hasta cuatro días en completarse, dijo el banco. El método actual, que se basa en el sistema de mensajes Swift de 40 años de antigüedad, es incapaz de proporcionar cualquiera de estos servicios. También es demasiado rudimentario para transmitir detalles sobre el motivo de los pagos. Esta escasez de datos ha obligado a las empresas a mantener costosas operaciones contables para conciliar sus transacciones

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FC BARCELONA HOME APPLIANCE

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Videos










## Historical Snapshot - May 07, 2017

USD ▾

← Previous Week

Next Week →

View All

▲#	Name	Symbol	Market Cap	Price	Circulating Supply	Volume (24h)	% 1h	% 24h	% 7d
1	 Bitcoin	BTC	\$25,764,555,031	\$1579.18	16,315,180	\$617,303,973	-0.03%	1.30%	19.82%
2	 Ethereum	ETH	\$8,794,353,554	\$96.24	91,383,653	\$138,302,702	-0.09%	2.13%	39.05%
3	 Ripple	XRP	\$4,127,097,878	\$0.108735	37,955,579,225 *	\$90,944,104	2.31%	9.29%	108.67%
4	 Litecoin	LTC	\$1,525,287,837	\$29.92	50,983,883	\$142,364,747	0.47%	13.51%	88.77%
5	 Dash	DASH	\$726,219,134	\$99.74	7,281,119	\$16,904,995	0.03%	0.50%	5.48%
6	 NEM	XEM	\$665,663,158	\$0.073963	8,999,999,999 *	\$6,163,148	0.51%	0.64%	51.06%
7	 Ethereum Classic	ETC	\$661,203,955	\$7.24	91,383,593	\$30,725,739	0.00%	-1.56%	30.69%
8	 Monero	XMR	\$423,240,289	\$29.35	14,418,791	\$14,118,589	0.14%	0.63%	23.65%
9	 Golem	GNT	\$206,829,437	\$0.252231	820,000,000 *	\$4,569,161	-0.08%	2.45%	42.05%





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Connectivity

## How Blockchain Can Bring Financial Services to the Poor

A project from the Bill & Melinda Gates Foundation aims to use distributed ledger technology to help the two billion people worldwide who lack bank accounts.

by Elizabeth Woyke April 18, 2017

**Two billion people worldwide don't have bank accounts and must conduct** their transactions in cash—which can be difficult to manage and presents safety issues. Could blockchain, the technology underlying the digital currency Bitcoin, give them access to financial services? The Bill & Melinda Gates Foundation thinks so, and it is modifying blockchain, which is essentially a secure, reliable digital record-keeping system, to bring the poor into the formal economy.



BILL & MELINDA  
GATES foundation

Apr 17, 2017

How Blockchain Can Lift Up the World's Poor  
Apr 17, 2017

Bill Gates thinks the world is getting better, and he's got a new game to prove it  
Apr 12, 2017

Gates Foundation Launches Higher Ed Podcast - Higher Ed Market Headlines  
Apr 03, 2017

KU scientists get \$17.6M grant to make cheaper vaccines for developing countries  
Mar 28, 2017

Qué es la tecnología “blockchain” de la que todo el mundo habla... y que acaban de adoptar tanto China como Rusia?



**Putin contraataca la guerra comercial USA adoptando la tecnología blockchain: los registros de propiedad sionistas, heridos de muerte**

Putin habría dado orden hoy mismo para que todo su sistema se traspase a la tecnología blockchain de Ethereum, lo que incluye que a partir de ahora toda la contabilidad de las empresas, contratos y la burocracia significada en los títulos de propiedad.

El banco central ruso lleva el proyecto con el nombre “Masterchain”

# Alibaba despliega Blockchain para proteger los datos de salud en China

18212 Vistas totales 522 Número total de compartidos



Alibaba se está asociando con las autoridades chinas para lanzar la primera aplicación del país de la tecnología Blockchain en el sector médico.

En la ciudad de Changzhou, Ali Health trabajará con el gobierno local para usar tecnología Blockchain en la seguridad de datos en un enfoque pionero.

"La tecnología Blockchain de Ali Health conecta la información usando nuestros equipos y

Presiona **F11** para salir de la pantalla completa

## FINTECH

# SAP unveils blockchain service in the cloud

Neil Ainger, Writer at CNBC.com

Published 6:22 AM ET Wed, 17 May 2017 | Updated 6:37 AM ET Wed, 17 May 2017



Martin Leissl | Bloomberg | Getty Images

Bill McDermott is the chief executive officer of SAP AG.

A new Blockchain-as-a-Service (BaaS) product has been launched by SAP at its annual Sapphire event in Orlando, U.S.

Pulsa **F11** para salir del modo de pantalla completa

# IBM Reveals Blockchain Supply Chain Trial with Singapore Port Operator

Aug 16, 2017 at 10:00 UTC by Wolfie Zhao

Use Cases & Verticals • News • Business News • Supply Chain



673



638



5



A major port operator in Singapore has inked a deal to work with IBM and a regional shipping firm to test a new blockchain-based supply chain network.

Announcing the news, PSA International, which operates ports in Asia, South America and Europe, said today that it has signed a memorandum of understanding with IBM and Pacific International Lines (PIL), one of the largest liner services in the world.

The three firms will "work together to explore [proofs-of-concept] using technologies like blockchain," according to an [announcement](#) published today. The goal of the trial is to automate the flow of documents between trading partners, providing transparency along the way.

Tan Chong Meng, group CEO of PSA, said of the deal:



## Trump Administration Focuses on Blockchain Technology Adoption

29917 Total views 1381 Total shares



US President Trump administration has reaffirmed its commitment to [Blockchain technology adoption](#) in government operations as an important policy and strategy. This was reiterated by two senior White House officials at the [Data Transparency 2017](#) conference held in late September.

In her conference remarks, US Office of Management and Budget acting federal chief information officer Margie Graves, the federal government is exploring several forward-leaning capabilities of artificial intelligence and Blockchain that could benefit the operations of the government.

---

# UK Grants Electron Funding To Balance Energy Grid With Blockchain System

The UK will grant funding to test and scale out a blockchain-balanced approach to energy consumption.

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By [Jeremy Nation](#)

September 27, 2017 | [ETHNews.com](#)



## Micronoticia: Desmantelan centro de minería de Bitcoins con 11 mil equipos en Venezuela

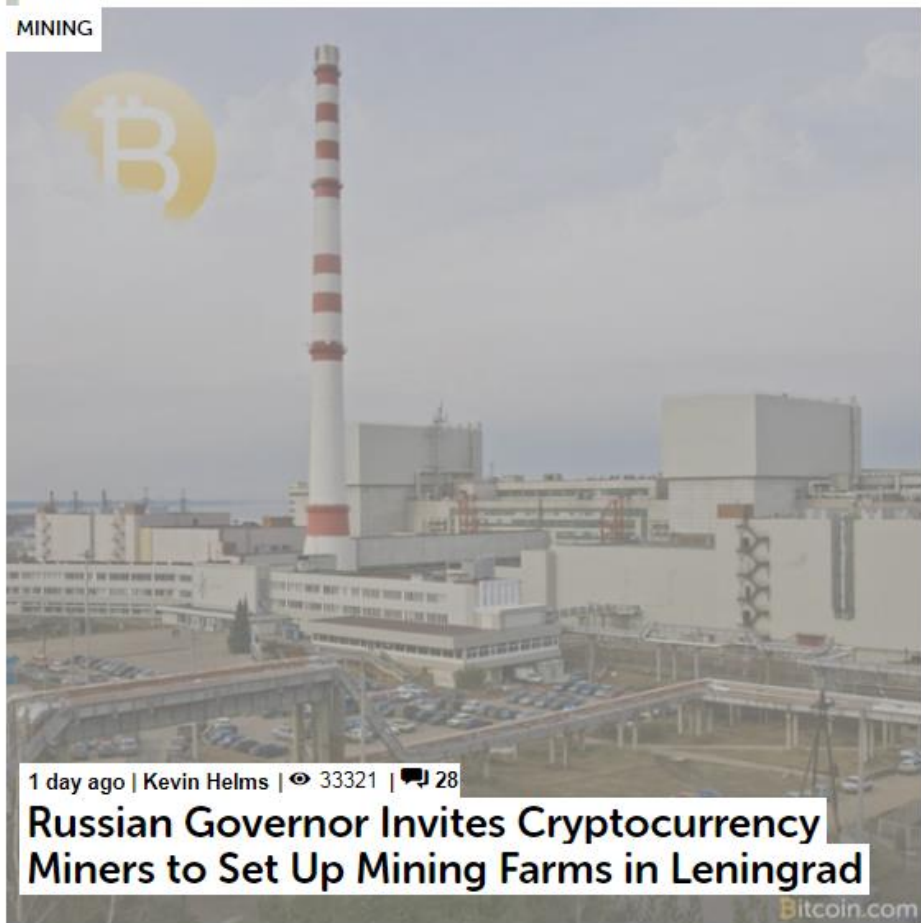


**CARACAS/CRIPNOTICIAS:** De acuerdo con la Web **Criptonoticias.com**, en una nota escrita por **Luis Esparragoza**, el día de ayer 27/01/2017 las autoridades judiciales de Venezuela, a través del portal del **Ministerio para el Poder Popular para Relaciones Interiores, Justicia y Paz**, informaron del desmantelamiento de un centro de minería de **Bitcoins** ubicado en la ciudad de Valencia, estado Carabobo.

Según una nota publicada en la página web del citado organismo, una comisión de la Dirección Contra la Delincuencia Organizada de la **Policía Nacional Bolivariana (PNB)**, se ubicó un galpón en Carabobo (con 11 mil unidades de moneda virtual "Bitcoin") quizás para referirse a la existencia de 11.000 Asic miner para minar **Bitcoin**.

Siguiendo con la nota, la misma indica que la institución policial informó que tras una "ardua investigación", los funcionarios de la División Contra la Legitimación de Capitales de la **Policía Nacional Bolivariana** detectaron un establecimiento en la zona industrial del municipio Los Guayos de donde salían y entraban constantemente varios camiones y se encontraban instalados 11 mil equipos para realizar minería de la criptomoneda **Bitcoin**.





The Russian Leningrad region wants to create an industrial park for cryptocurrency mining including bitcoin. The region's governor is inviting miners to the Sosnovy Bor area near St. Petersburg to create industrial-scale mining farms at the old Leningrad nuclear power plant.

*Also read: [Russia's Finance Ministry Drafts Law to Legalize Cryptocurrencies](#)*

## Miners Invited to Relocate to Leningrad Region

The governor of the Russian Leningrad region, Alexander Drozdenko, is inviting cryptocurrency miners to set up mining farms in the region, according to local publications. At the third annual forum for the region's small and medium-sized businesses (SMEs) called "Energy of Opportunities" which took place last week, he proposed that the first Leningrad Nuclear Power Plant (LNPP) could be used to set up cryptocurrency mining farms. The event was attended by 600 entrepreneurs and federal agency representatives.



*Governor Alexander Drozdenko speaking at the Leningrad Region's "Energy of Opportunities" Forum 2017.*



steemit  
beta

tendencias nuevo caliente promovido

# El Director del FMI prevé el fin de los bancos y el triunfo de la criptoconversión

sydesjokes 54 in cryptocurrency

Hace 3 días

Haga clic en la imagen para ver la historia: El Director del FMI prevé el fin de los bancos y el triunfo de la criptoconversión

En una charla notablemente franca en una conferencia del Banco de Inglaterra, el Director Gerente del Fondo Monetario Internacional ha especulado que Bitcoin y la criptografía tienen tanto futuro como la propia Internet. Podría desplazar a los bancos centrales, la banca convencional y desafiar el monopolio de los dineros nacionales.

Christine Lagarde -una nativa de París que ha ocupado su puesto en el FMI desde 2011- dice que los únicos problemas sustanciales con la criptografía existente son solubles con el tiempo.

A largo plazo, la propia tecnología puede reemplazar el dinero nacional, la intermediación financiera convencional e incluso "pone en duda el modelo de banca fraccionaria que conocemos hoy".

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IMF Managing Director Christine Lagarde

Saturday, September 30, 2017

Economics Bitcoin Cryptocurrency Technology Money and Banking Money Apps  
Ethereum Distributed Ledgers

## IMF Head Foresees the End of Banking and the Triumph of Cryptocurrency

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Tax Hells, Not Tax Havens, Are the Problem

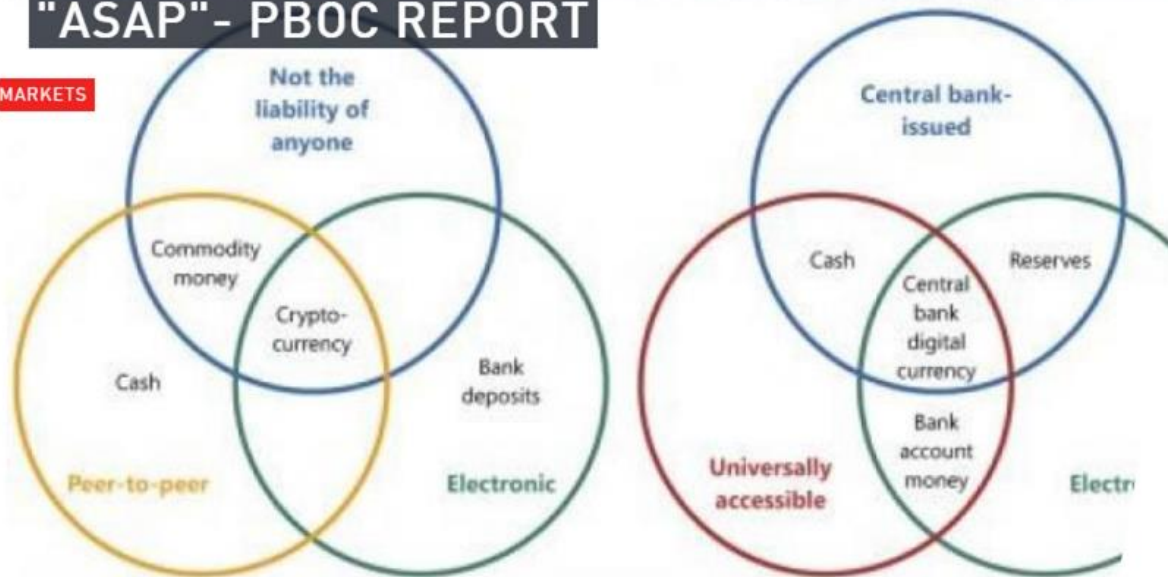


Capitalism Shouldn't Be Let Off



# CHINA SHOULD START OWN DIGITAL CURRENCY "ASAP" - PBOC REPORT

MARKETS



By [MarketSlant Editor](#) © Sep. 22, 2017



# El mayor banco de Japón planea "superar" la volatilidad de Bitcoin con 'MUFG Coin'

Samburaj Das el 05/10/2017



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thejapan times

## NEWS

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NATIONAL ASIA PACIFIC **BUSINESS** WORLD REFERENCE COLUMNS MULTIMEDIA

BUSINESS

### MUFG to launch virtual currency service

KYODO

Mitsubishi UFJ Financial Group Inc. will issue its own virtual currency by March 2018 to provide a money transfer service at lower fees, becoming the first major Japanese banking group to launch such a business, according to sources.

MUFG, Japan's biggest lender, will first issue "MUFG coins" to employees of its group companies for domestic remittances, eventually extending the service to attract younger tech-savvy customers, the sources said Tuesday.

JAN 3, 2017

ARTICLE HISTORY

PRINT SHARE

KEYWORDS

MUFG, VIRTUAL CURRENCY, FINTECH

### A-bomb Survivors Speak Out



Soka Gakkai International

Read more

# Dubai Government Launches First Official State Cryptocurrency

October 5, 2017 9:38 by [Samuel Town](#)



The Dubai Government has recently announced plans to launch the first-ever government-backed cryptocurrency, according to an [statement](#) released by Dubai state news agency WAM. The state-sponsored digital token, called emCash, will be available to pay for both governmental and non-governmental services.

The launch of the state-sponsored cryptocurrency is a historic first, with the Dubai government stepping in ahead of other forward-leaning states such as [Russia](#) and [Estonia](#). The digital currency will be developed between emCredit, a subsidiary of the Dubai Economy, and UK-based blockchain developer Object Tech Group Ltd.

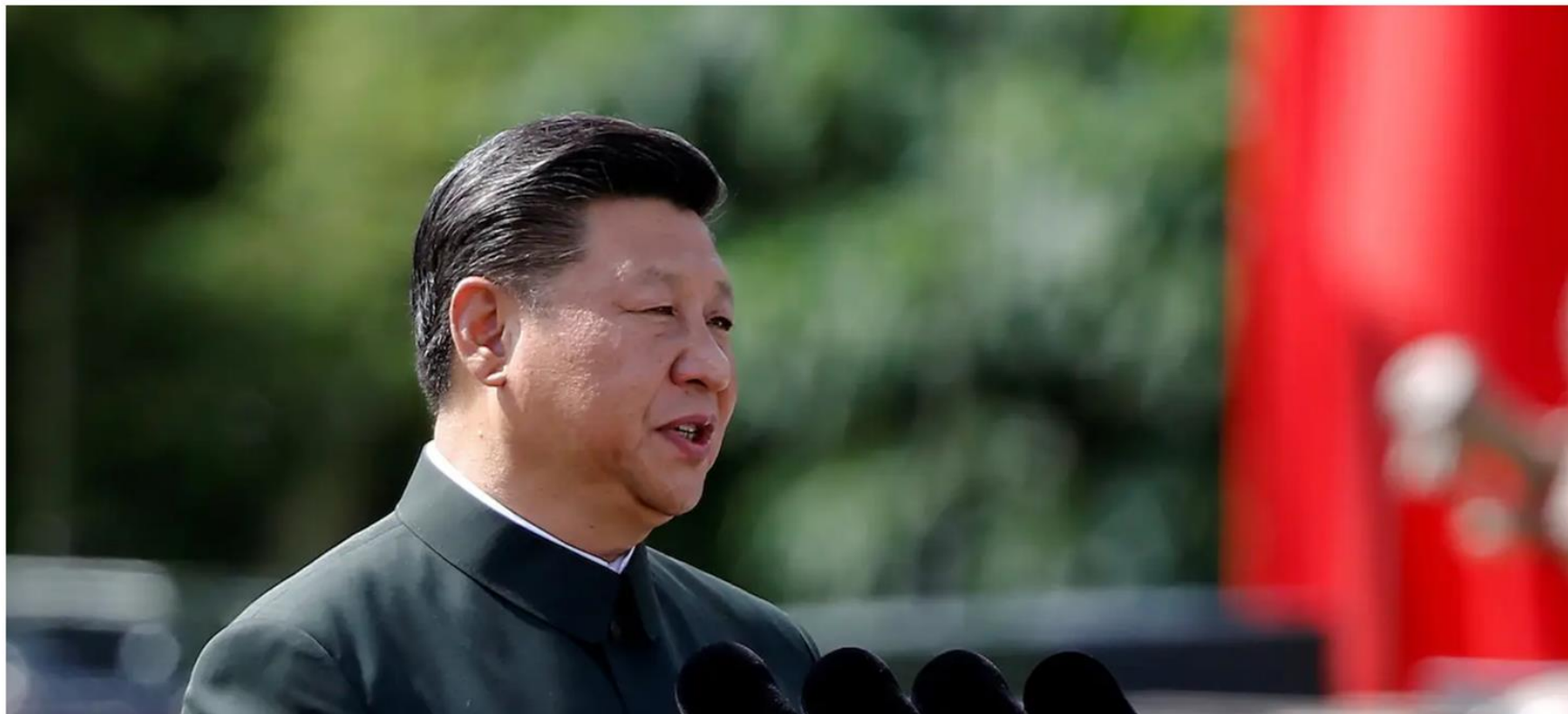
## emCash Token Will Function as Legal Tender

Ali Ibrahim, the Deputy Director General of Dubai Economy, has specified that the new cryptocurrency will be considered legal tender "for various government and non-government services, from their daily coffee and children's school fee to utility charges and money transfers."

The emCash token will be used in combination with the emPay wallet, which will be launched by Emcredit to facilitate contactless payment via the Near Field Communication (NFC) chip present in most modern smartphones. Muna Al Qassab, the CEO of Emcredit Limited, has stated that the integration of NFC technology is intended to create the right

# China se vuelve optimista en blockchain

Charlie Wood 28 de octubre de 2019 8:04 a.m.



- **China quiere adoptar blockchain, la tecnología que verifica las transacciones de criptomonedas.**

---
- **Un funcionario del banco estatal de China instó a los bancos comerciales del país a "intensificar su aplicación" de blockchain y "adoptar las finanzas digitales".**

---
- **Los comentarios del funcionario se producen después de que el presidente chino, Xi Jinping, dijo que China debe hacer un "mayor esfuerzo" para desarrollar y aplicar tecnologías blockchain y obtener una "ventaja sobre otros países importantes".**

---







Search by address...



### Coins:

- Bitcoin (BTC)
- Bitcoin Cash (BCH)
- Ether (ETH)
- Dash (DASH)
- Litecoin (LTC)
- Zcash (ZEC)
- Monero (XMR)
- Dogecoin (DOGE)

### Operations:

- Buy
- Sell

### Location type:

- ATM
- Teller
- Other





Search by address...



Sakhirutlak/Imanga



### Coins:

- Bitcoin (BTC)
- Bitcoin Cash (BCH)
- Ether (ETH)
- Dash (DASH)
- Litecoin (LTC)
- Zcash (ZEC)
- Monero (XMR)
- Dogecoin (DOGE)

### Operations:

- Buy
- Sell

### Location type:

- ATM
- Teller
- Other



## ARGENTINA CONTARÁ CON MÁS DE 200 CAJEROS BIDIRECCIONALES DE CRIPTOMONEDAS Y FIAT

Publicado por Emily Faria |

| Cajeros automáticos | 7 ● |



La comunidad blockchain de Argentina y de toda Latinoamérica tiene un gran motivo de celebración. A partir del mes de octubre, en el territorio argentino se instalarán 250 cajeros automáticos que permitirán realizar operaciones tanto con dinero fiat, como con criptoactivos, convirtiéndose así en una de las primeras naciones del mundo en tener cajeros bidireccionales.

El sistema bidireccional se refiere a que **estos cajeros pueden dar y recibir billetes de curso legal en**

BUSCAR ...

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Únete a nuestra lista de correos para recibir las últimas noticias y avances acerca de Bitcoin.

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yt YOUTUBE

tw TWITTER

ig INSTAGRAM

ENTRADAS RECIENTES



Estados Unidos apoyará desarrollo blockchain de Emiratos Árabes con fines

needs to buy or sell cryptocurrency in order to be counted.

ATMs w/ altcoins support

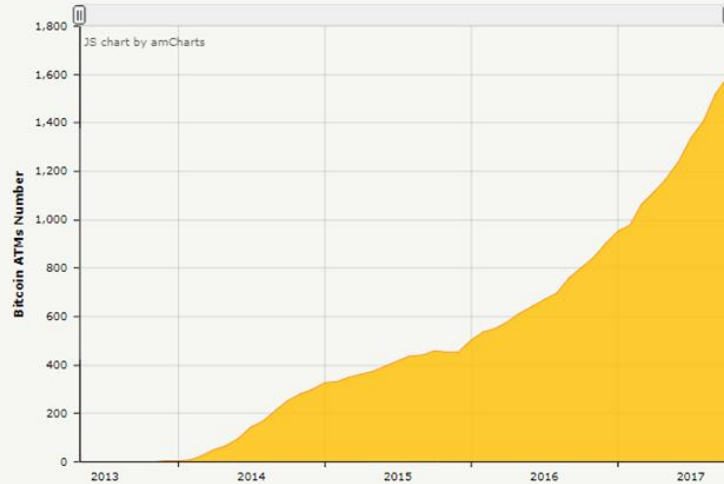
⚡ Ether ATMs

🐶 Dogecoin ATMs

Last updated: 2017-10-06

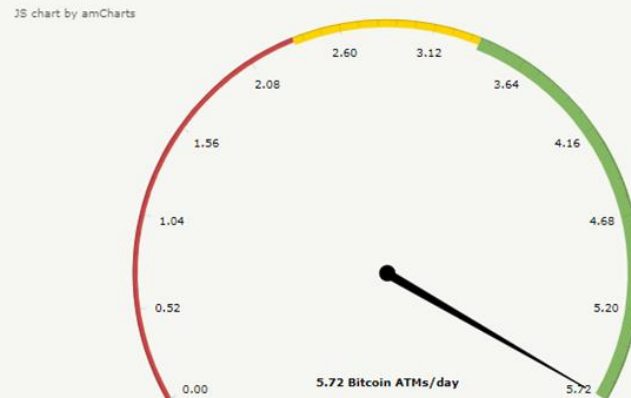
## Number of Bitcoin ATM Installed Over Time.

This chart shows the increase in number of Bitcoin ATMs installed around the world. For more details check the [growth chart with split by manufactures](#).



## Bitcoin ATMs Installation Speed per Day.

This chart shows the speed of Bitcoin ATM installations. The speed is calculated based on last 7 days. The gauge scale is calculated based on 2 previous months.



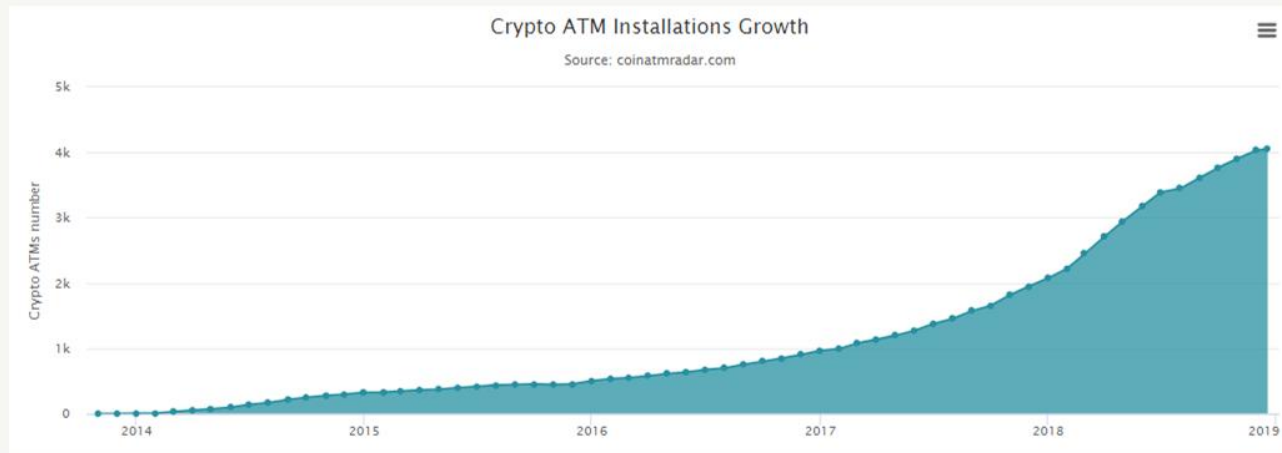
Share





# Bitcoin ATM Installations Growth.

The chart shows number of bitcoin machines installed over time.



If you use our charts or data from them on your website or elsewhere, a link to the source page is required.

# CryptoCurrency Market Capitalizations



CHRONO  
LOGIC

Join the Contribution Period

Only 3,333 ETH addresses can self-mine this token

JOIN

Market Cap ▾

Trade Volume ▾

Trending ▾

Tools ▾

Search Currencies



## Global Charts

### Total Market Capitalization



# OPERE EN LÍNEA

CFDs sobre:

- FX Forex
- Índices
- Oro
- Petróleo
- Acciones

SOLICITE SUS  
\$30 PARA OPERAR\*

\*Aplican TyC. Operar con CFD  
implica elevado riesgo de pérdida.

# CryptoCurrency Market Capitalizations



Market Cap ▾

Trade Volume ▾

Trending ▾

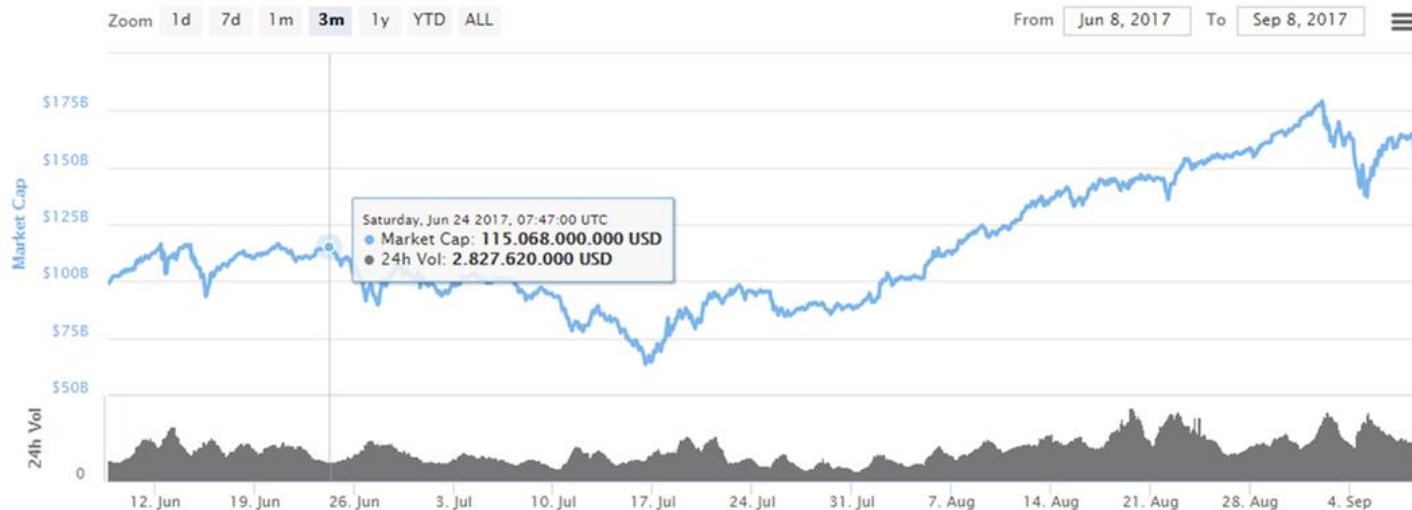
Tools ▾

Search Currencies



## Global Charts

### Total Market Capitalization



# Qué es la minería de Bitcoins

La minería de Bitcoins o “Bitcoin mining” es una de las formas de obtener esta moneda digital. Para conseguir Bitcoins, los llamados mineros utilizan el poder computacional de máquinas que hoy en día deben disponer de un software y un hardware especializado, y que son capaces de hacer millones de cálculos matemáticos por segundo.

Cada vez que un minero o grupo de mineros (pool) resuelve los problemas matemáticos necesarios para verificar las transacciones y completar un nuevo bloque, se liberan cierto número de Bitcoins que serán repartidos proporcionalmente, dependiendo de la potencia de cálculo que haya aportado cada uno.













## Historical Snapshot - July 09, 2017

USD ▾

← Previous Week

Next Week →

View All

▲#	Name	Symbol	Market Cap	Price	Circulating Supply	Volume (24h)	% 1h	% 24h	% 7d
1	 Bitcoin	BTC	\$42,449,833,284	\$2582.68	16,436,348	\$642,125,736	0.04%	2.93%	6.46%
2	 Ethereum	ETH	\$23,310,698,105	\$250.26	93,146,387	\$633,005,904	-0.09%	1.66%	-7.48%
3	 Ripple	XRP	\$9,301,925,396	\$0.242925	38,291,387,790 *	\$108,506,781	0.16%	5.05%	-4.09%
4	 Litecoin	LTC	\$2,663,676,492	\$51.31	51,908,418	\$575,009,152	-0.30%	10.33%	32.96%
5	 Ethereum Classic	ETC	\$1,586,515,915	\$16.99	93,374,167	\$92,021,405	0.00%	5.67%	-2.88%
6	 Dash	DASH	\$1,521,016,148	\$205.12	7,415,144	\$42,749,070	-0.15%	5.58%	22.64%
7	 NEM	XEM	\$1,413,475,502	\$0.157053	8,999,999,999 *	\$4,048,963	-0.04%	3.43%	5.62%
8	 IOTA	MIOTA	\$815,292,998	\$0.293320	2,779,530,283 *	\$3,028,637	-0.01%	1.53%	-24.11%
9	 Monero	XMR	\$676,515,785	\$45.85	14,753,465	\$14,195,819	-0.14%	5.97%	12.11%
10	 Stratis	STRAT	\$477,387,382	\$4.85	98,455,903 *	\$7,692,383	-0.43%	4.24%	-12.59%

Las altcoins pueden cambiarse luego por bitcoins en distintas plataformas de intercambio, o puedes guardar valor directamente conservando las altcoins minadas (si crees que el precio de la altcoin escogida tiene algún futuro).

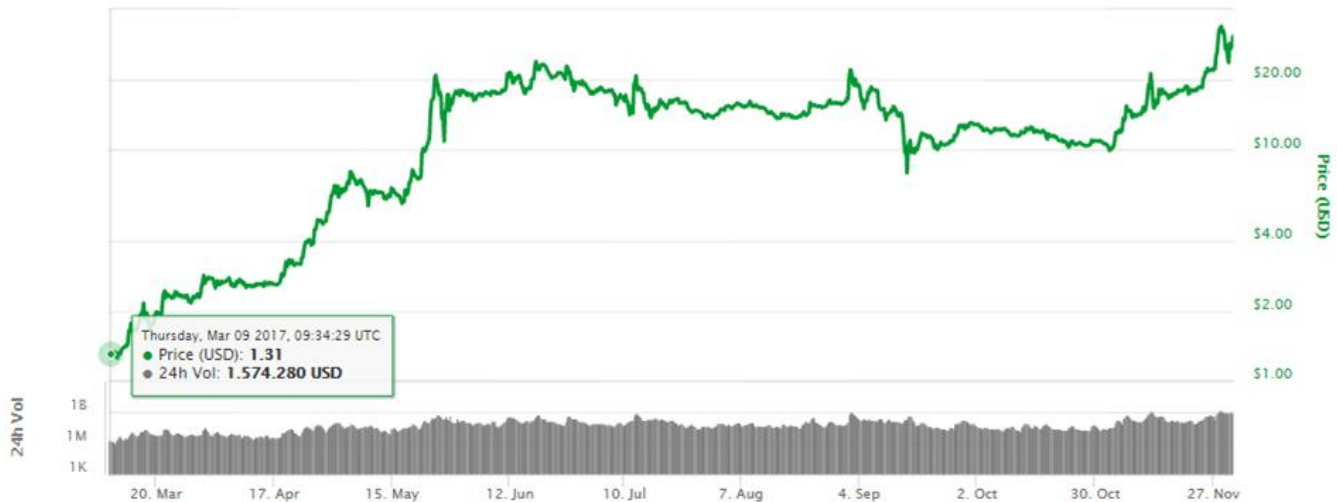
Si deseas maximizar ganancias, deberás combinar la minería con asumir riesgos en especulación sobre el precio futuro de las altcoins minadas.

# Ethereum Classic Charts



Zoom 1d 7d 1m 3m 1y YTD ALL

From Mar 8, 2017 To Dec 1, 2017



— Market Cap — Price (USD) — Price (BTC) ● 24h Vol

Linear Scale

Log Scale

# Monero Charts



Zoom 1d 7d 1m 3m 1y YTD ALL

From Dec 5, 2016 To Dec 1, 2017



— Market Cap — Price (USD) — Price (BTC) ● 24h Vol

Linear Scale

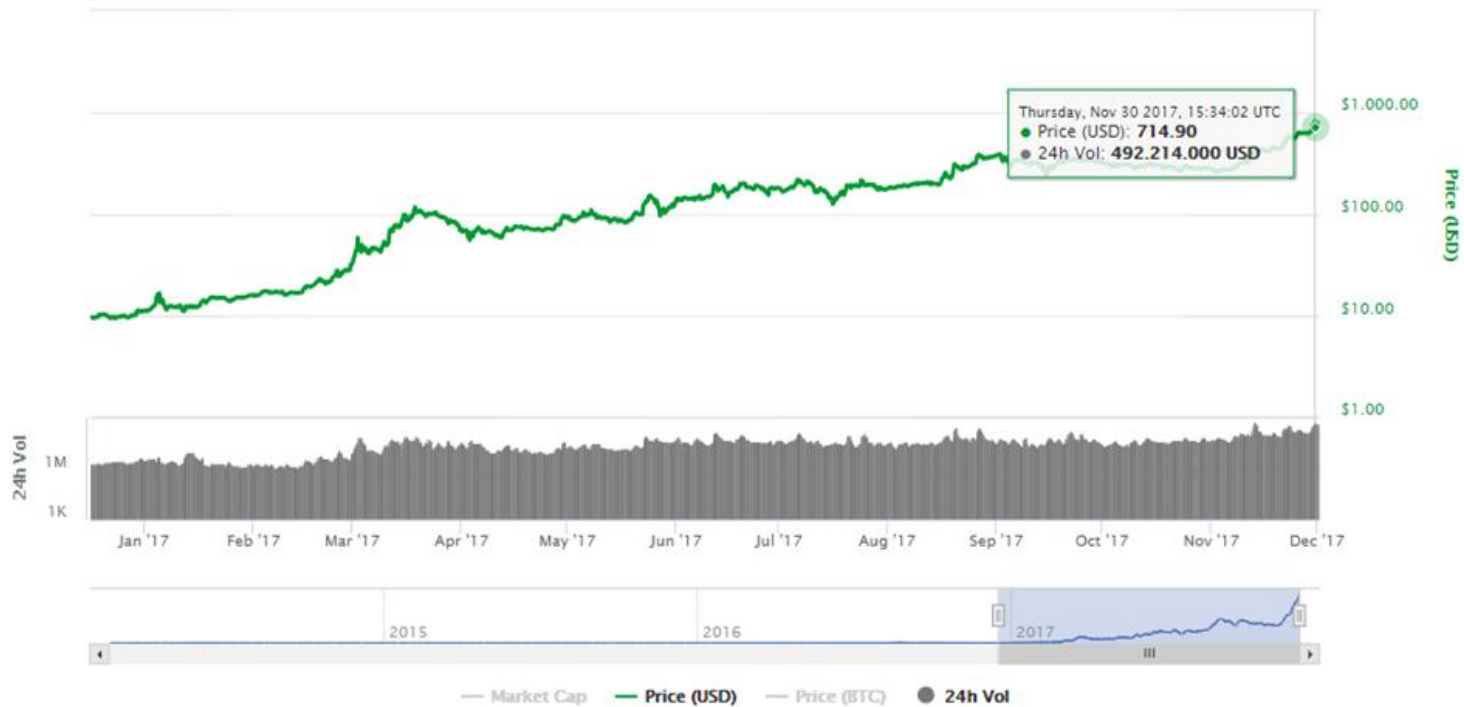
Log Scale

## Dash Charts



Zoom 1d 7d 1m 3m 1y YTD ALL

From Dec 16, 2016 To Dec 1, 2017



Linear Scale

Log Scale

# Russia Launches \$100 Million Bitcoin-Mining Operation



by Tyler Durden

Aug 9, 2017 2:45 AM

21  
SHARES



In what some have called a “watershed” moment for bitcoin, [Bloomberg](#) reports that a company co-owned by an aide to Russian President Vladimir Putin is seeking to expand Russia’s bitcoin-mining industry, leveraging Russia’s cheap energy to rival China as the world’s largest mining market.

The company, known as Russian Miner Coin, or RMC, is seeking to raise \$100 million in an initial coin offering, promising buyers a right to 18% of the company’s mining revenue, according to a presentation cited by [Bloomberg](#).





EN ▾

REALIZAR UN PEDIDO PARA SUNRISE

COMPRAR RMC



# Minería Multicellular

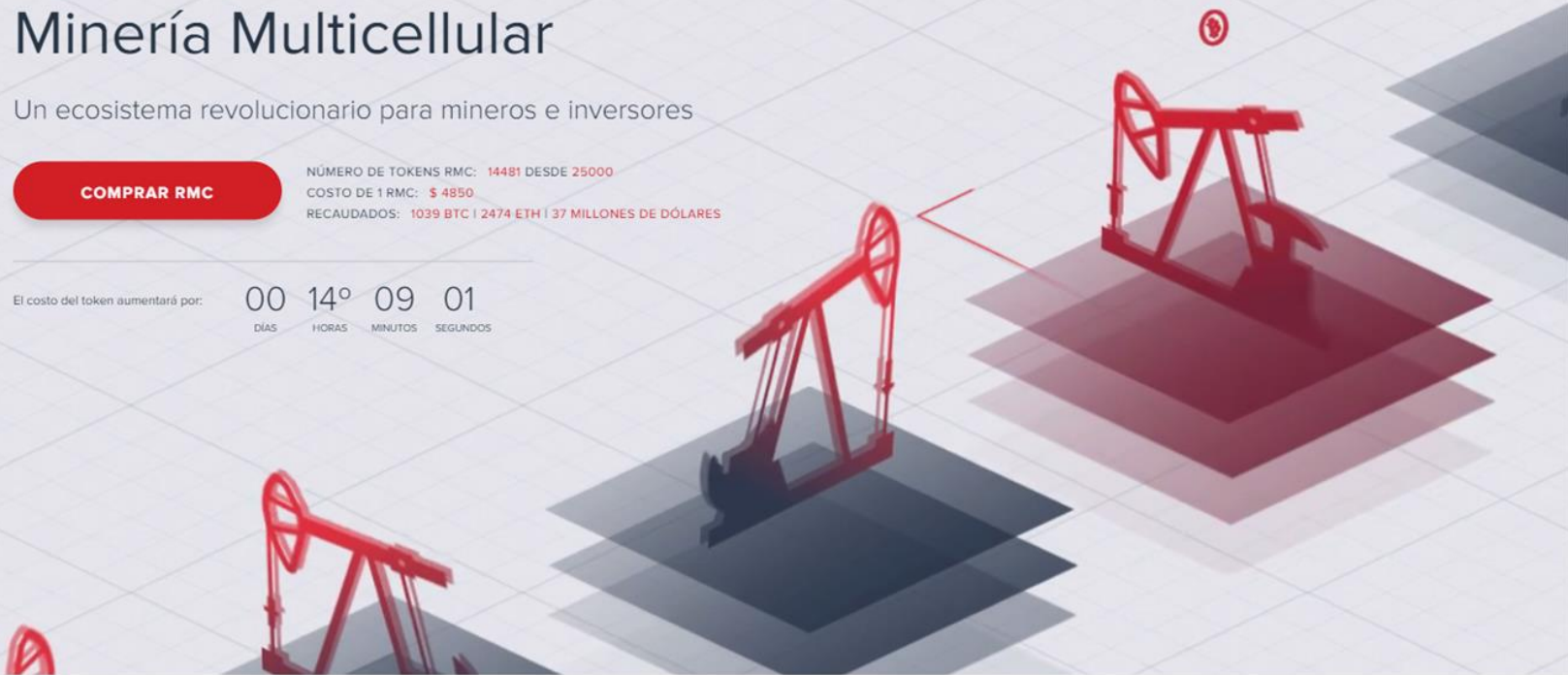
Un ecosistema revolucionario para mineros e inversores

COMPRAR RMC

NÚMERO DE TOKENS RMC: 14481 DESDE 25000  
COSTO DE 1 RMC: \$ 4850  
RECAUDADOS: 1039 BTC | 2474 ETH | 37 MILLONES DE DÓLARES

El costo del token aumentará por:

00 14<sup>o</sup> 09 01  
DÍAS HORAS MINUTOS SEGUNDOS



# Con que hardware se puede minar?????

CPU



GPU



ASIC  
Boost



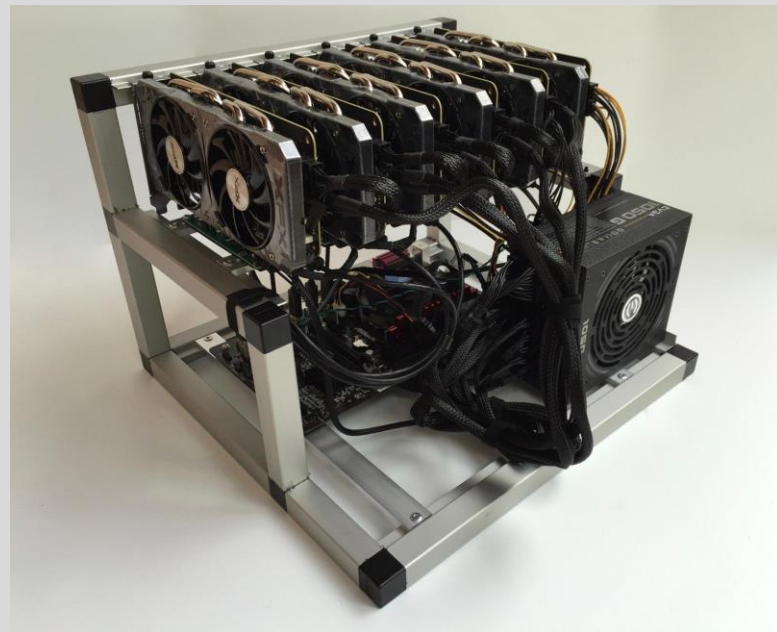


## Minando con CPU -Workstation-

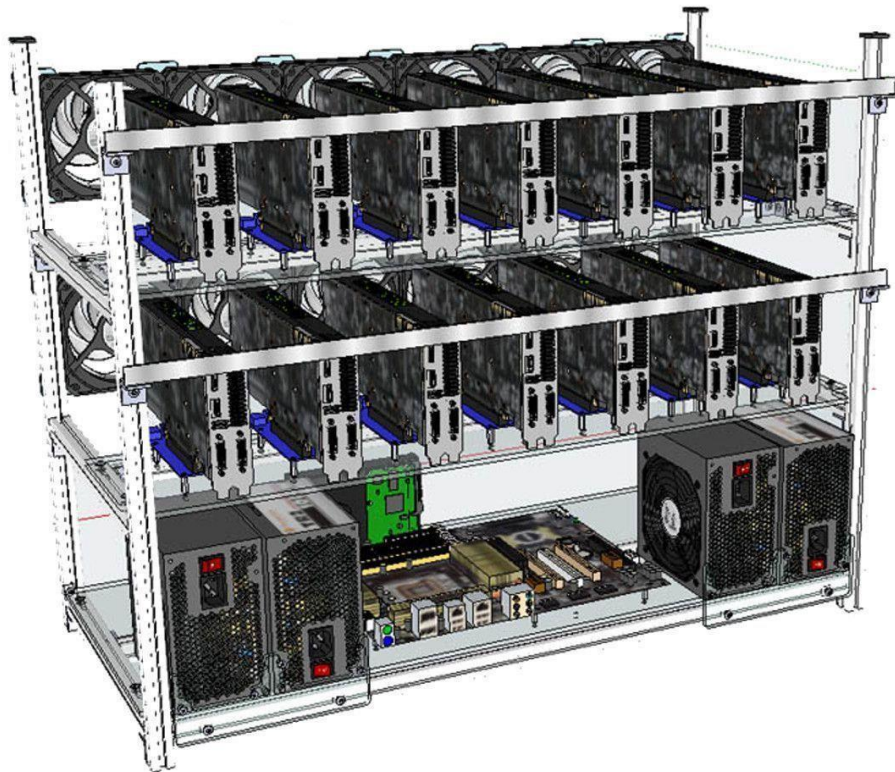


Depende del procesador el hash/rate puede variar entre 50 y 700 h/s

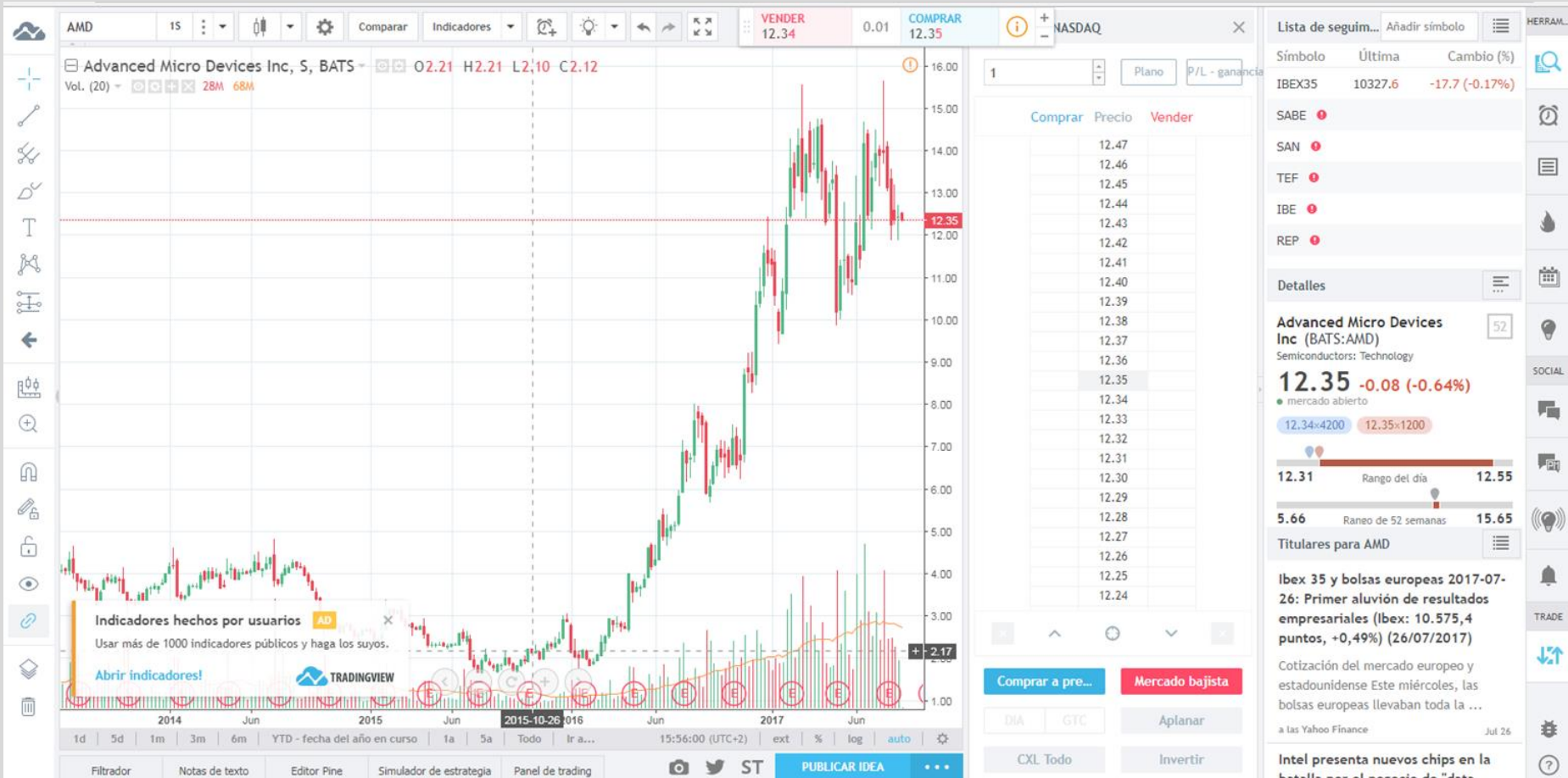
# RIGS



# 16x GPU









Lista de seguim... Añadir símbolo

Símbolo	Última	Cambio (%)
IBEX35	10332.5	-12.8 (-0.12%)
SABE		
SAN		
TEF		
IBE		
REP		

Detalles

**NVIDIA CORP (BATS:NVDA)**  
Semiconductors: Technology

**162.78** -1.03 (-0.63%)  
● mercado abierto

162.74x100 162.85x100

**162.69** Rango del día **164.59**  
**57.32** Rango de 52 semanas **174.56**

Titulares para NVDA

**Cierre de la bolsa Nasdaq y sector tecnológico, 2017-07-12 (12/07/2017)**

Índices bursátiles Nasdaq El amplio índice Nasdaq Composite cerró la sesión del miércoles con un ascenso ...

a las Yahoo Finance Jul 12

**El Supremo inflige un revés a la administración Obama con un fallo sobre información privilegiada**

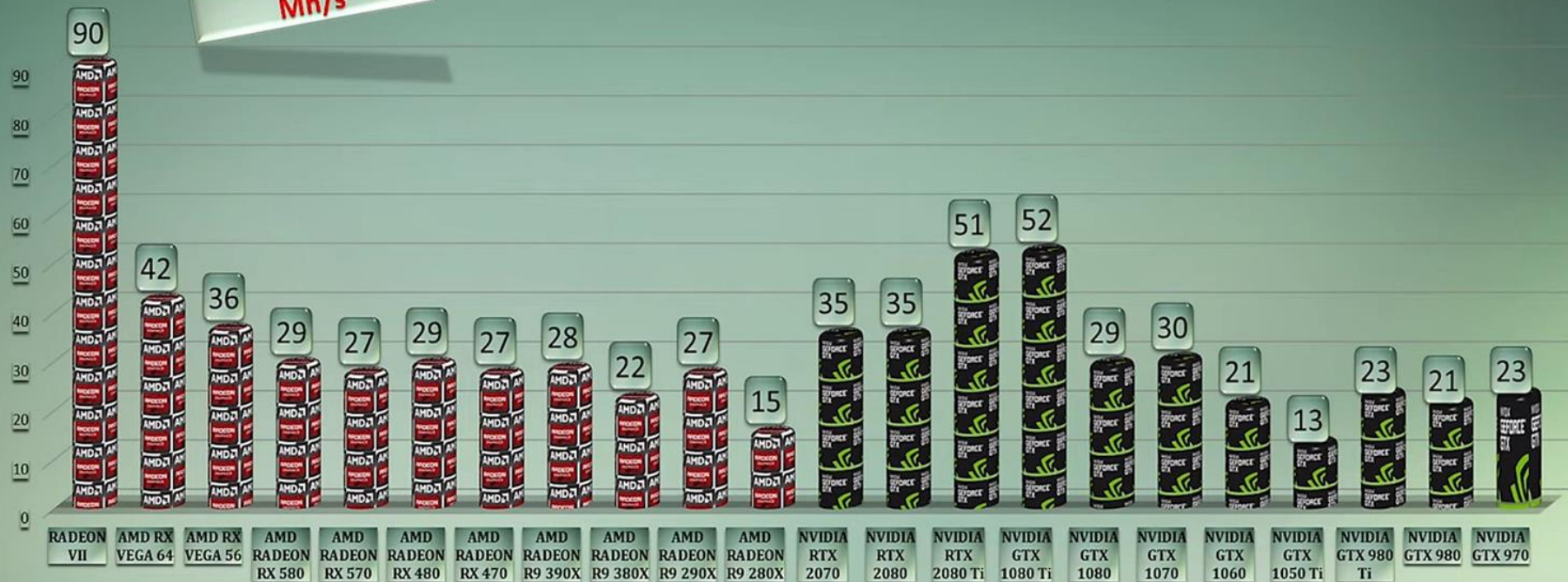


**ETHEREUM (ETH)  
DaggerHashimoto  
Power Consumption (Wh)**





ETHEREUM (ETH)  
DaggerHashimoto  
Mh/s



OS

S

ock (1)

t GPU

DEON VII (1)

erísticas especiales

Mostrando 1 - 1 de 1 Items | Búsqueda>radeon vii>Categoría>Placas de Video Radeon AMD



Placa de Video Radeon VII 16GB HBM2 Phantom Gaming X + Xbox Game

\$39,810

SIN STOCK

1

BITMAIN

Antminer

BitDeer

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EN



Antminer T17-40TH/s

Shipping date: 21-30, Nov. 2019

\$1958.00



Antminer S17 Pro-56TH/s

Shipping in 7 working days after fully paid

\$4323.00



Antminer S17-53TH/s

Shipping in 7 working days after fully paid

\$3812.00



Antminer T17-42TH/s

Shipping in 7 working days after fully paid

\$2637.00







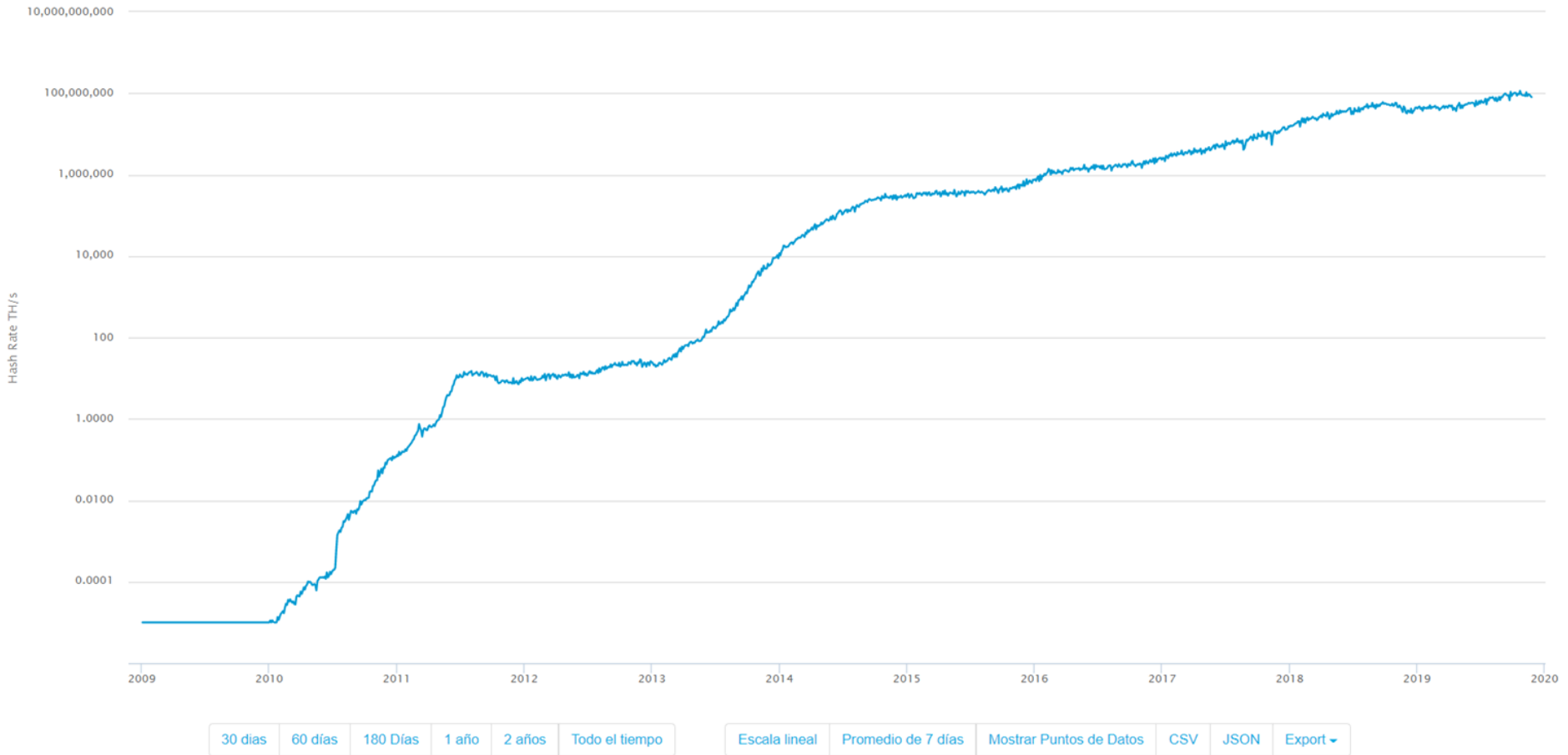




# Granja Bitmain China









## Antminer S17+ 73TH/s



Hashrate: 73TH/s



Weight: 11kg



Shipping date: 1-10, Dec. 2019

\$2037.00



1



Sold Out



Calculated for  
1 BTC = \$ 8,860.12

## Hashing Power

TH/s ▼

## Power consumption (w)

## Cost per KWh (\$)

## Pool Fee (%)

PROFIT RATIO PER DAY

∞%

PROFIT PER MONTH

\$ 379.74

<b>Day</b>	Profit per day <b>\$ 12.66</b> Pool Fee \$ 0.1279	Mined/day <b>B 0.001443</b>	Power cost/Day <b>\$ 0</b>
<b>Week</b>	Profit per week <b>\$ 88.61</b> Pool Fee \$ 0.8950	Mined/week <b>B 0.01010</b>	Power cost/Week <b>\$ 0</b>
<b>Month</b>	Profit per month <b>\$ 379.74</b> Pool Fee \$ 3.84	Mined/month <b>B 0.04329</b>	Power cost/Month <b>\$ 0</b>
<b>Year</b>	Profit per year <b>\$ 4,620.19</b> Pool Fee \$ 46.67	Mined/year <b>B 0.5267</b>	Power cost/Year <b>\$ 0</b>



Calculated for  
1 BTC = \$ 8,860.12

## Hashing Power

TH/s

## Power consumption (w)

## Cost per KWh (\$)

## Pool Fee (%)

PROFIT RATIO PER DAY

**223%**

PROFIT PER MONTH

**\$ 262.41**

<b>Day</b>	Profit per day <b>\$ 8.75</b> Pool Fee \$ 0.1279	Mined/day <b>B 0.001443</b>	Power cost/Day <b>\$ 3.91</b>
<b>Week</b>	Profit per week <b>\$ 61.23</b> Pool Fee \$ 0.8950	Mined/week <b>B 0.01010</b>	Power cost/Week <b>\$ 27.38</b>
<b>Month</b>	Profit per month <b>\$ 262.41</b> Pool Fee \$ 3.84	Mined/month <b>B 0.04329</b>	Power cost/Month <b>\$ 117.33</b>
<b>Year</b>	Profit per year <b>\$ 3,192.66</b> Pool Fee \$ 46.67	Mined/year <b>B 0.5267</b>	Power cost/Year <b>\$ 1,427.53</b>

1 Antminer S17+ 73TH

\$ 2037

Kw 3

P 4620\$ Año

C 0.0\$

P 3190\$ Año

C 0.088 \$

1 Antminer S17+ 73TH

\$ 2037

Kw 3

P 4620\$ Año

C 0.0\$

P 3190\$ Año

C 0.088 \$ kwh

1000 Antminer S17+ 73TH

\$ 2.037.000

Kw 3.000

P 4.620.000\$ Año

C 0.0\$

P 3.190.000\$ Año

C 0.088 \$ kwh

Cálculos a 8800 US\$ por BTC

1 Antminer S17+ 73TH

\$ 2037

Kw 3

P 9240\$ Año

C 0.0\$

P 6380\$ Año

C 0.088 \$ kwh

1000 Antminer S17+ 73TH

\$ 2.037.000

Kw 3.000

P 9.240.000\$ Año

C 0.0\$

P 6.380.000\$ Año

C 0.088 \$ kwh

Cálculos a 17600 US\$ por BTC

1 Antminer S17+ 73TH

\$ 2037

Kw 3

P 13860\$ Año

C 0.0\$

P 9570\$ Año

C 0.088 \$ kwh

1000 Antminer S17+ 73TH

\$ 2.037.000

Kw 3.000

P 13.860.000\$ Año

C 0.0\$

P 9.570.000\$ Año

C 0.088 \$ kwh

Cálculos a 26400 US\$ por BTC



1 Antminer S17+ 73TH

\$ 2037

Kw 3

P 18480\$ Año

C 0.0\$

P 12760\$ Año

C 0.088 \$ kwh

1000 Antminer S17+ 73TH

\$ 2.037.000

Kw 3.000

P 18.480.000\$ Año

C 0.0\$

P 12.760.000\$ Año

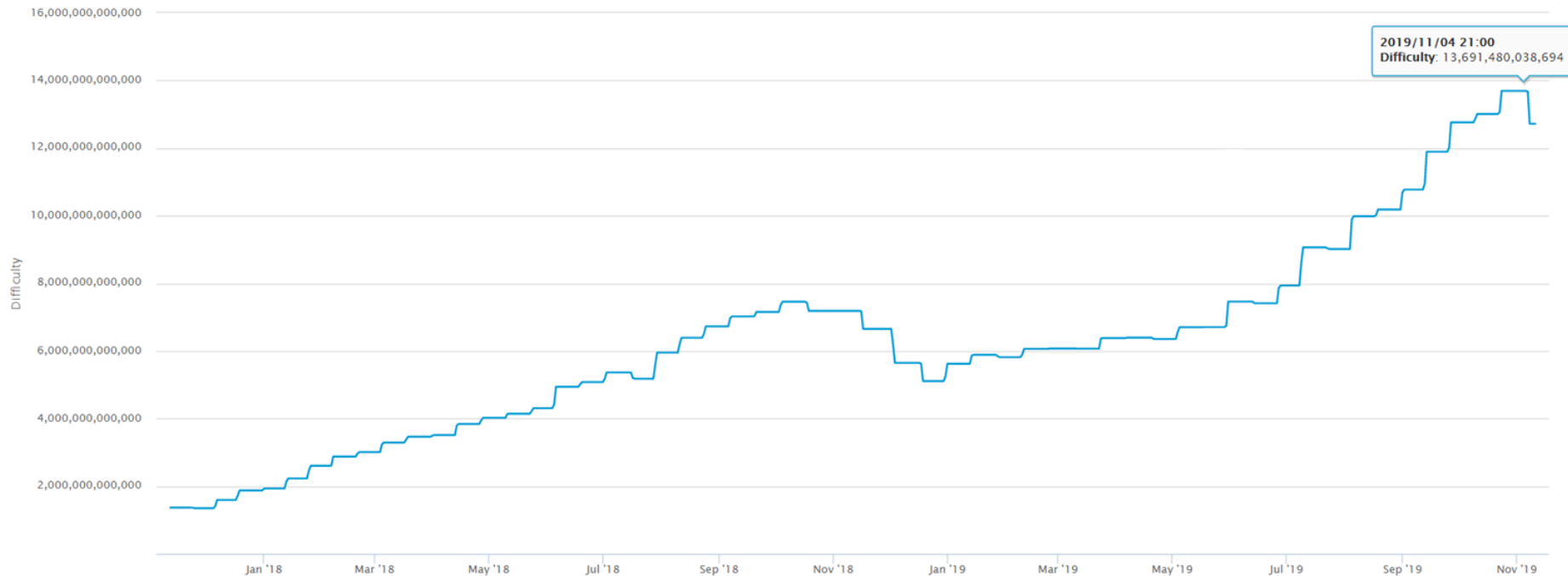
C 0.088 \$ kwh

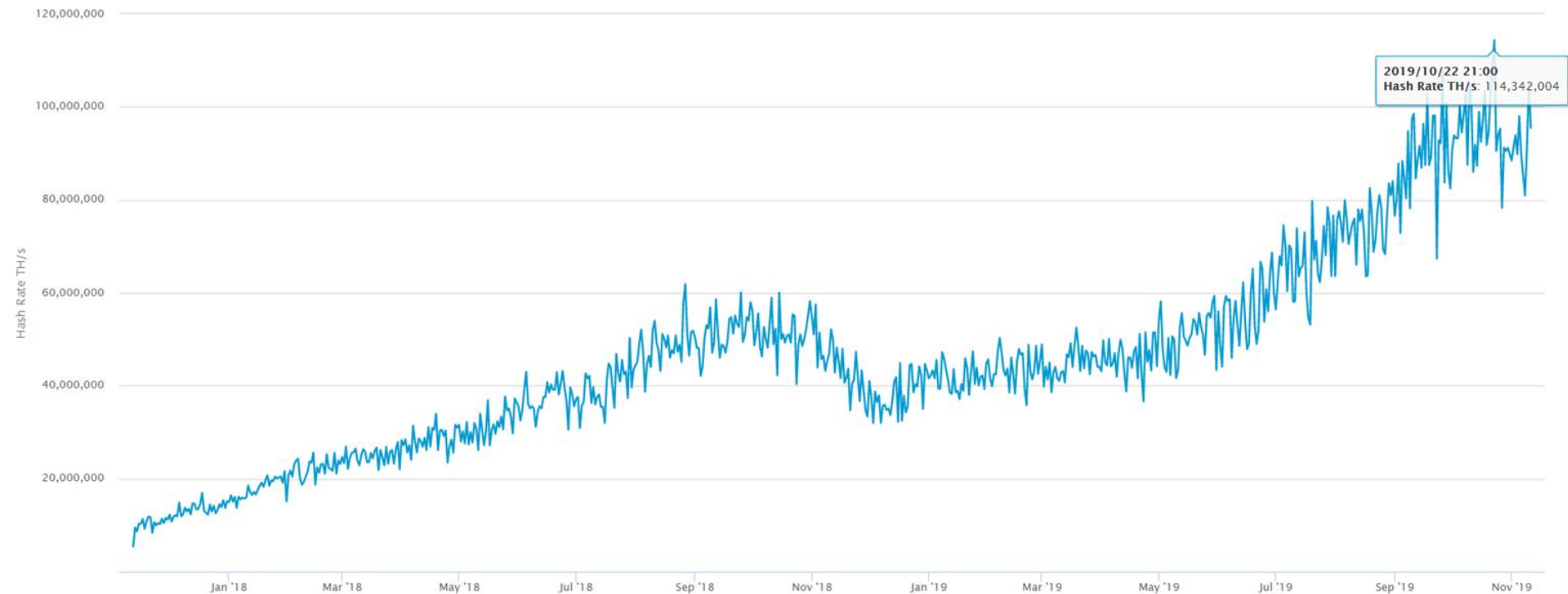
Cálculos a 35200 US\$ por BTC

## Difficulty

A relative measure of how difficult it is to find a new block. The difficulty is adjusted periodically as a function of how much hashing power has been deployed by the network of miners.

Source: blockchain.com



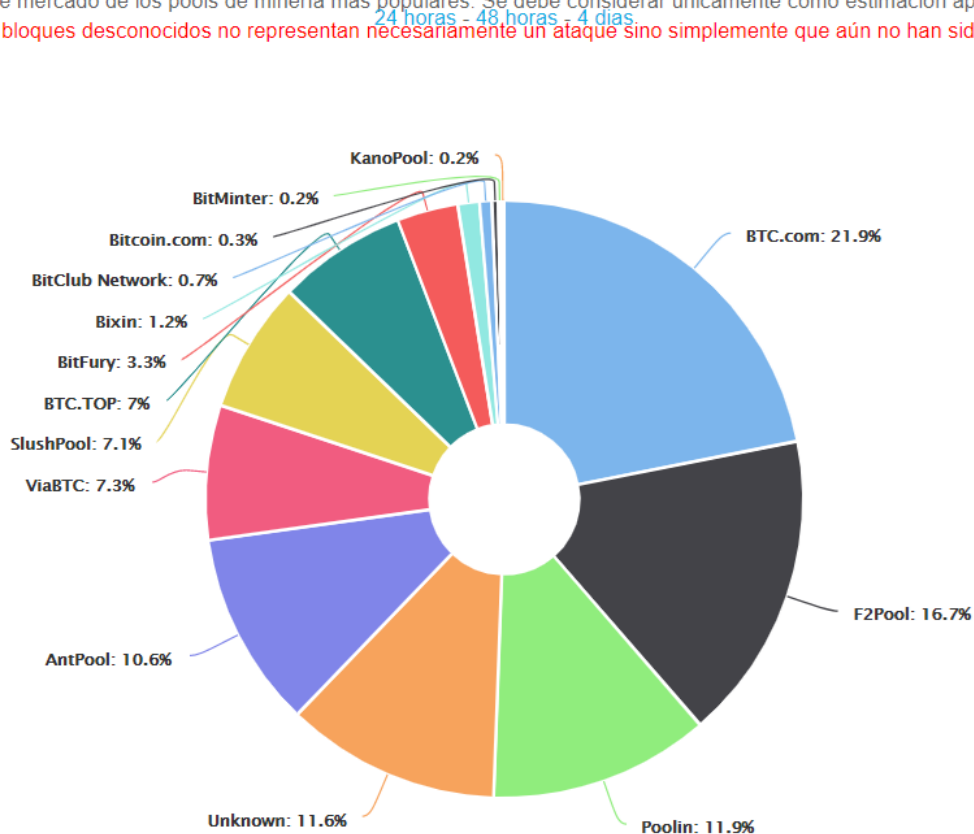


4 millones aprox de minadores

# Distribución de tasas de hash

Una estimación de la distribución de las tasas de hash entre los pools de minería de mayor tamaño

El siguiente gráfico muestra la cuota de mercado de los pools de minería más populares. Se debe considerar únicamente como estimación aproximada ya que por diversas razones no son 100% exactos. Una gran parte de bloques desconocidos no representan necesariamente un ataque sino simplemente que aún no han sido reconocidos.

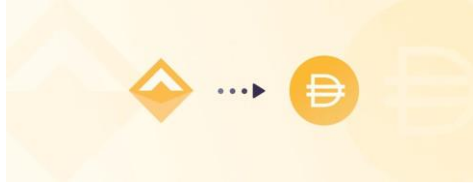


# Stablecoin

## A better money

Digital currency that can be used by anyone, anywhere, anytime.

[Get Dai Now](#)



### The world's first unbiased currency

Dai is a stable, decentralized currency that does not discriminate. Any business or individual can realize the advantages of digital money.

the new global  
system.

The first regulated stablecoin  
fully backed by the US Dollar.

Access the highest trading volume and liquidity on  
exchanges of any trusted stablecoin.



Digital money  
for a digital age

Global, fast, and secure

INTRODUCING USD COIN

A stablecoin brought to you  
by Circle and Coinbase



An open source, smart contract-based stablecoin

True financial interoperability requires a price stable means of value exchange. CENTRE's technology for fiat-backed stablecoins brings stability to crypto. The initial implementation is USD Coin (USDC), an ERC-20 token creating possibilities in payments, lending, investing, trading and trade finance — and the ecosystem will grow as other fiat currency tokens are added.

# BLOCKCHAIN PROJECT ECOSYSTEM

## CURRENCIES

### BASE LAYER PROTOCOLS



### PAYMENTS



### PRIVACY



## DEVELOPER TOOLS

### SMART CONTRACTS



### SCALING



### ORACLES



### SECURITY



### LEGAL



### INTEROPERABILITY



### PRIVACY



## SOVEREIGNTY

### USER-CONTROLLED



### GOVERNANCE



### VPN



### COMMUNICATION



### IDENTITY



### SECURITY



### STABLECOINS



## FINTECH

### TRADING/DEX



### INSURANCE



### LENDING



### FUNDS/INVESTMENT



### MANAGEMENT



## VALUE EXCHANGE

### CONTENT MONETIZATION



### CIVIL



### DATA



### MARKETPLACES



### SOCIAL



### VIDEO



### NON-FUNGIBLE

### FILE STORAGE



### COMPUTATION



### MESH NETWORKING



### ENERGY



### FUNGIBLE

## SHARED DATA

### INTERNET OF THINGS



### SUPPLY CHAIN/LOGISTICS



### ATTRIBUTION



### REPUTATION



### CONTENT CURATION



## AUTHENTICITY

### DATA



### TICKETING



## OTHER

### PREDICTION MARKETS



### VIRTUAL REALITY



### GAMBLING

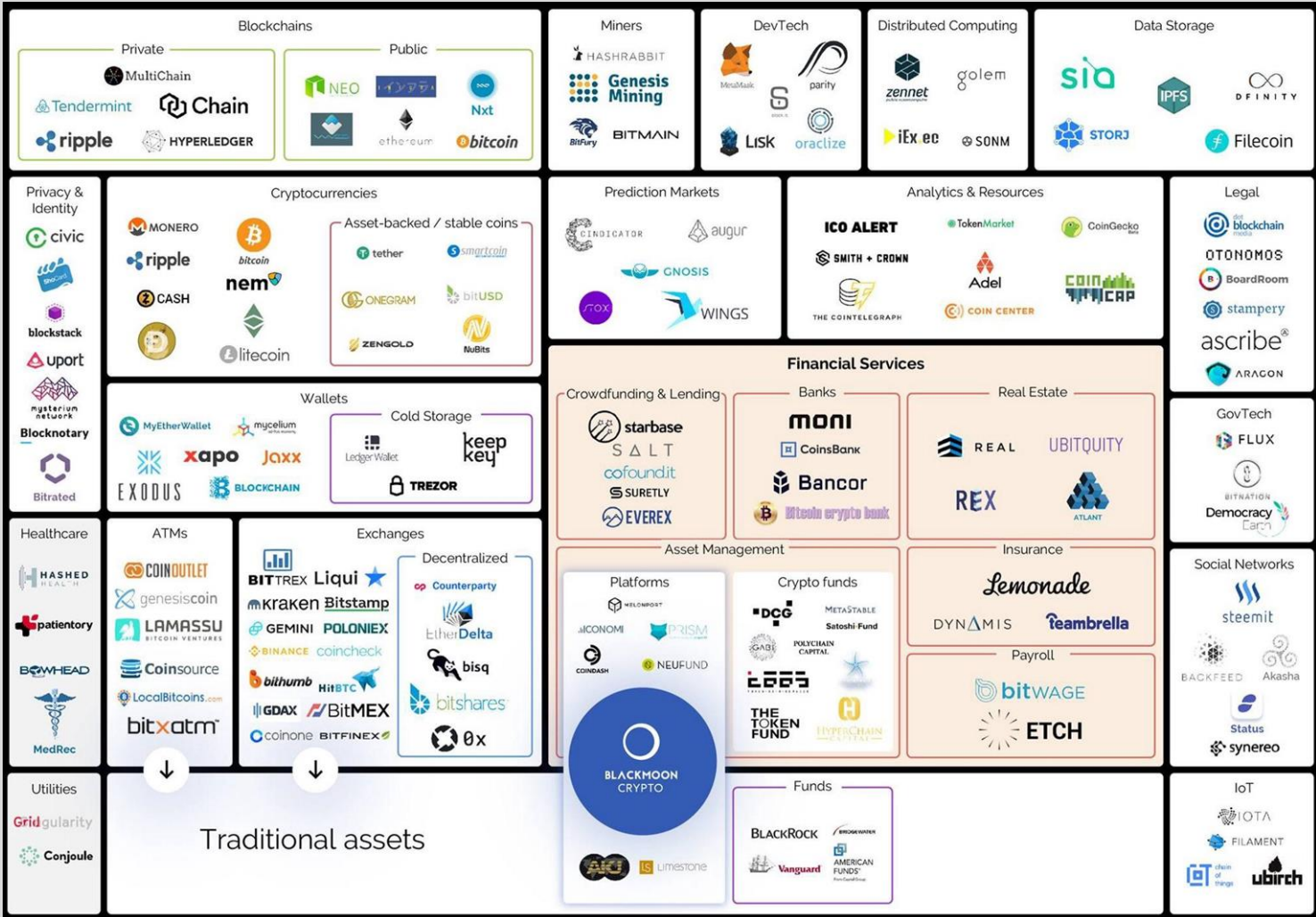


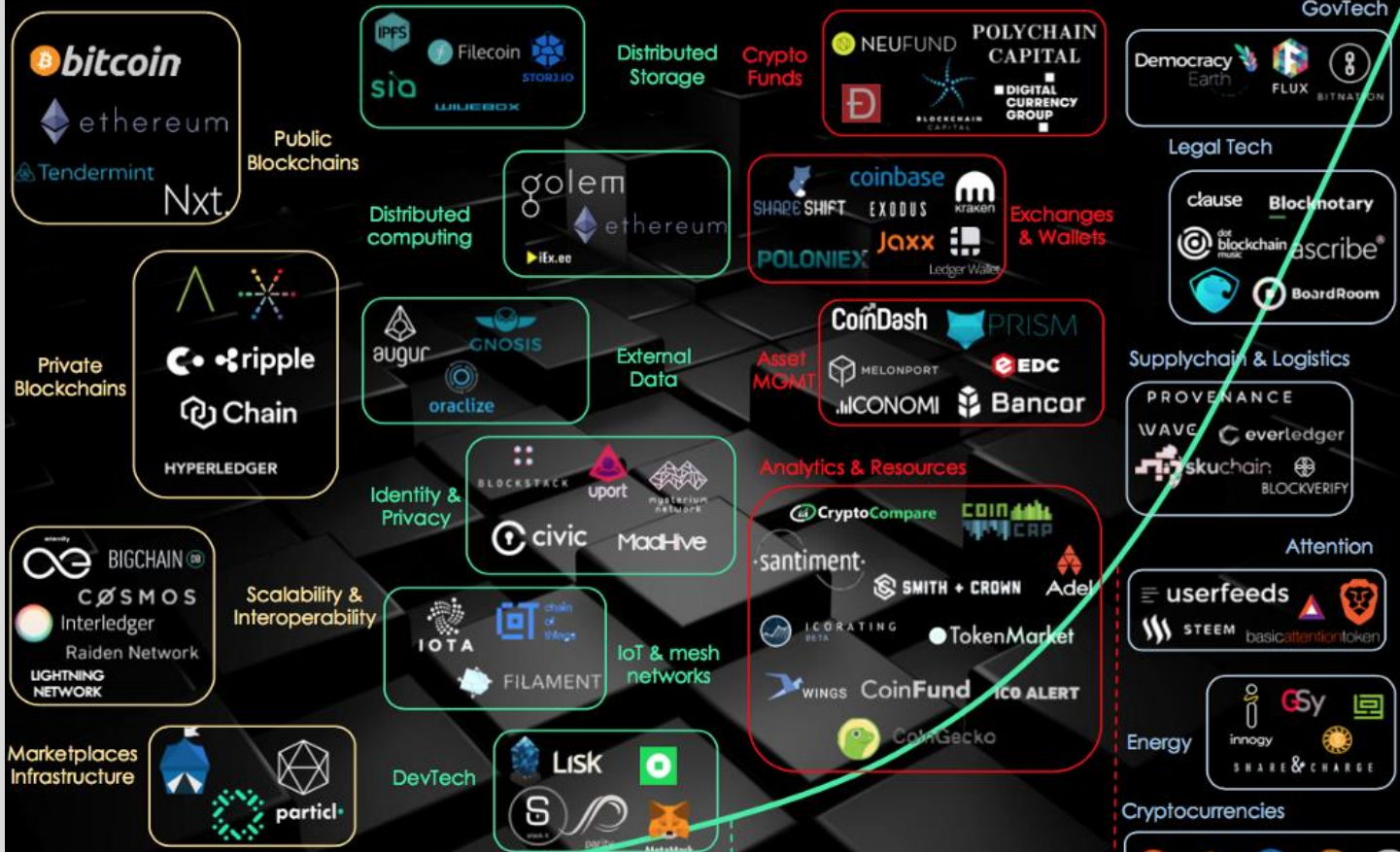
### GAMING/ ESPORTS



compound

@JOSH\_NUSSBAUM





Market Cap over time

**Protocols & Infrastructure**

**Middleware & DevTech**

**Capital & Liquidity**

**Applications**

By Alexander Ruppert, VC @Earlybird.  
twitter: AlexRuppertVC

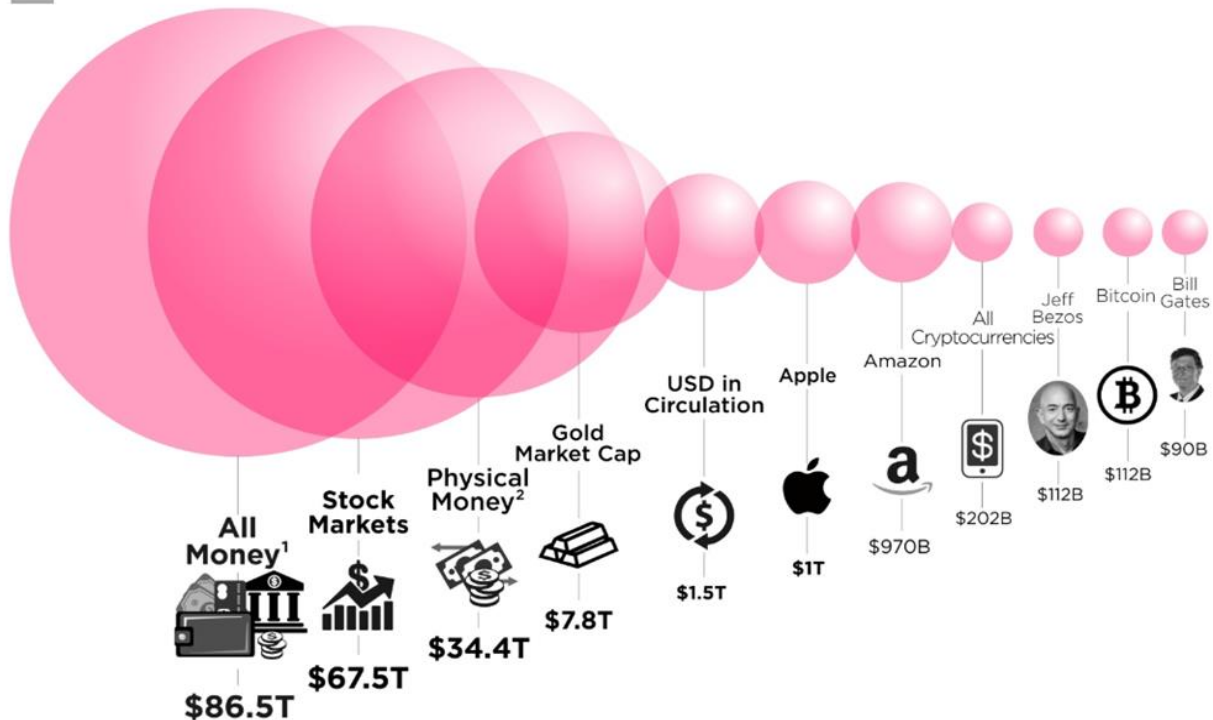


## CCID's Global Public Blockchain Technology Assessment Index (XI)

名称	Pub-Blockchain	分项指数 Sub-Index			总指数 Total Index	综合排名 Ranking
		基础技术 Basic-tech	应用性 Applicability	创新力 Creativity		
EOS	EOS	104.6	20.2	30.9	155.7	1
波场	TRON	99.7	24.5	22.4	146.7	2
以太坊	Ethereum	78.0	29.0	35.8	142.8	3
比特股	BitShares	86.5	14.3	9.9	110.7	4
星云链	Nebulas	70.5	24.7	13.4	108.6	5
本体	Ontology	77.8	22.9	6.9	107.7	6
纳世链	NULS	77.4	19.3	10.7	107.4	7
公信链	GXChain	81.9	18.1	6.5	106.5	8
NEO	NEO	69.9	26.0	10.3	106.2	9
斯蒂姆链	Steem	86.1	9.7	9.1	104.9	10
Waves	Waves	65.2	20.6	18.7	104.6	11
应用链	Lisk	65.1	15.2	23.6	104.0	12
恒星链	Stellar	69.5	21.3	11.0	101.8	13
科莫多	Komodo	71.9	14.4	15.5	101.8	13
比特币	Bitcoin	42.4	17.8	39.2	99.4	15
量子链	Qtum	66.1	21.1	9.1	96.3	16
Tezos	Tezos	59.0	17.5	18.4	94.9	17

turnaround, but that's beside the point. Bitcoin in particular and the larger crypto-market in general are already substantial parts of the global economy.

# Putting the World's Money into Perspective



\* All figures are shown as of latest available data on September 17th, 2018

**Article & Sources:**

- <https://howmuch.net/articles/worlds-money-in-perspective-2018>
- <https://coinmarketcap.com>
- <https://www.forbes.com>
- <https://www.federalreserve.gov>

<sup>1</sup> All Money = money in any form including bank or other deposits as well as notes and coins.

<sup>2</sup> Physical Money = money in forms that can be used as a medium of exchange, generally notes, coins, and certain balances held





# BP Tech Chief: Blockchain Could Give Company 'Competitive Advantage'

Oct 3, 2017 at 19:30 UTC by Nikhilesh De

[Use Cases & Verticals](#) • [News](#) • [Energy](#)



Gas and energy giant BP believes that the use of blockchain could give it an competitive edge in the market, according to its technology head.

Speaking with [The Financial Times](#), head of technology David Eyton struck an optimistic tone amidst work with

A photograph of a BP logo on a sign, featuring the green and yellow sunburst logo and the lowercase letters 'bp' in green. The sign is set against a blue sky with white clouds.

## Energy Giant BP Says It's Tested 'Internal' Tokens

 344







 1



Ian Allison   

 Apr 18, 2018 at 17:00 UTC | Updated Apr 19, 2018 at 10:33 UTC

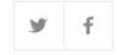
NEWS

Energy giant BP would consider partnering with blockchain startups that are doing initial coin offerings, and it's even tested tokens internally, an executive said Wednesday.

Speaking at the Blockchain Expo in London, Julian Gray, the technology director for BP's digital innovation organization, voiced a common theme: non-financial enterprises are perhaps more open to open-blockchain innovation than their financial-services counterparts.

# BP, Shell lead plan for blockchain-based platform for energy trading

2 MIN READ



(Reuters) - A consortium including energy companies BP and Royal Dutch Shell will develop a blockchain-based digital platform for energy commodities trading expected to start by end-2018, the group said on Monday.





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## Shell, BP Back Blockchain Platform to Modernize Commodities Trading



Yogita Khatri



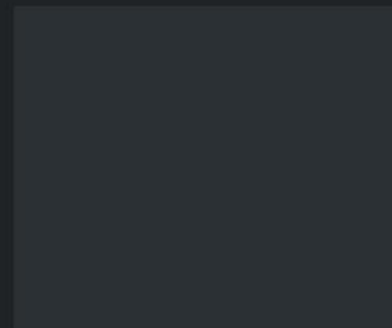
🕒 Nov 13, 2018 at 12:30 UTC • Updated Nov 13, 2018 at 12:35 UTC

Oil industry giants Shell and BP are among a group of firms planning to launch a blockchain platform to automate post-trade processes in the energy industry by the end of 2018.

VAKT Global, the consortium building the platform, [revealed](#) the news at a digital commodities summit



Error loading price data.



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## Nouriel Roubini advierte de un nuevo colapso financiero (peor que el de Lehman Brothers)

*El 'Doctor Doom' Prevé una nueva crisis financiera y seguida de recesión en 2020. El economista que anticipó el descalabro de 2008 ve riesgos en la política fiscal aplicada por Donald Trump.*



Por El Economista (España)



# Western Systemic Crisis 2017-2019 – The Almighty dollar against the Great Petro-Yuan Temptation

© 20 September 2017

**PUBLIC REVIEW of our monthly bulletin *GEAB* (September, 2017). [Subscribe here!](#)**

Qatar, North Korea, the Baltic Sea, risk of a World War III... and all the military ranting mentioned in the media lately, are issues going hand in hand with the programmed and imminent advent of the catastrophic scenario for the dollar as a unique world reference currency: the Petro-Yuan will be in place at the end of the year. More than a petro-currency, it will be a petro-gas-gold-currency! The West is thus preparing to switch to total anachronism with this founding act of the 21st century multipolar world. 2014-2017: here we are, at the end of a three-year exacerbation period of tensions on all front lines (West against the rest of the world) and we are witnessing the up-coming end of the dollar's reign over the world and over all financial systems and their related economic activities. Sanctions, blockades, proxy-wars, direct military threats... the question is whether the current clash of arms is really a warning sign of an Nth suicide of the West whilst hoping in vain to stop time, or whether the solution conveying power is on the verge of carrying away all possible resistance.

## The magnet effect of the brand new Petro-Yuan!

The world's biggest oil importer, China is preparing to launch gold-backed Yuan-denominated oil futures, possibly creating the most important Asian benchmark in the oil sector, allowing oil

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- Oil rises 26 cents, settling at \$52.14, after surprise drop in US crude stockpiles
- Redefining Europe and the Europeans
- Uber threatens to leave if Quebec insists on stricter rules
- Merkel survives election 'earthquake'
- EU and US increasingly divided over Iran nuclear deal
- Digital economy must gear up for EU tax reform
- Trump Warned Saudis Off Military Move on Qatar

the dollar as a unique world reference currency: the Petro-Yuan will be in place at the end of the year. More than a petro-currency, it will be a petro-gas-gold-currency! The West is thus preparing to switch to total anachronism with this founding act of the 21st century multipolar world. 2014-2017: here we are, at the end of a three-year exacerbation period of tensions on all front lines (West against the rest of the world) and we are witnessing the up-coming end of the dollar's reign over the world and over all financial systems and their related economic activities. Sanctions, blockades, proxy-wars, direct military threats...  
Read more in the [GEAB 117](#)

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## TELESCOPE

**Germany, Austria, Catalonia ... some features of Europe's face in the aftermath of the 2019 EU Elections**

We will try to sketch out the landscape of a series of elections awaiting us until the end of 2017 (in chronological order). Each of these elections reflects the challenges facing Europe by 2019; challenges which come not just from national or regional voters. The success to reconcile voters' expectations, government bets and European citizens' needs will depend on the ability of EU political leaders to understand that fundamental debates for the future of Europe must be open to their level, the European level. But that is pure anticipation already...

Read more in the [GEAB 117](#)

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## FOCUS

**2018-2020, Airbnb and others: End of the gold rush, possible turning point**

The "peer-to-peer economy" has increased extensively and suffered transformations due to the development of giant commercial players such as Airbnb. The growth of this tourist property-renting website between individuals is indeed quite impressive. Despite this dizzying

# S&P 500

INDEXSP: .INX

+ Seguir

**3,133.64** +23.35 (0.75 %) ↑

25 nov. 16:59 GMT-5 · Renuncia de responsabilidad

1 día

5 días

1 mes

6 meses

UAHF

1 año

5 años

Máx.



Abierto

3,117.44

Baja

3,117.44

Alta

3,133.83

## Nasdaq Composite

INDEXNASDAQ: .IXIC

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1 día 5 días 1 mes 6 meses UAHF 1 año 5 años **Máx.**



Abierto

8,559.65

Baja

8,559.65

Alta

8,633.15

## Promedio Industrial Dow Jones

INDEXDJX: .DJI

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28,066.47 +190.85 (0.68%) ↑

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1 día 5 días 1 mes 6 meses UAHF 1 año 5 años **Máx.**



Abierto

27,917.77

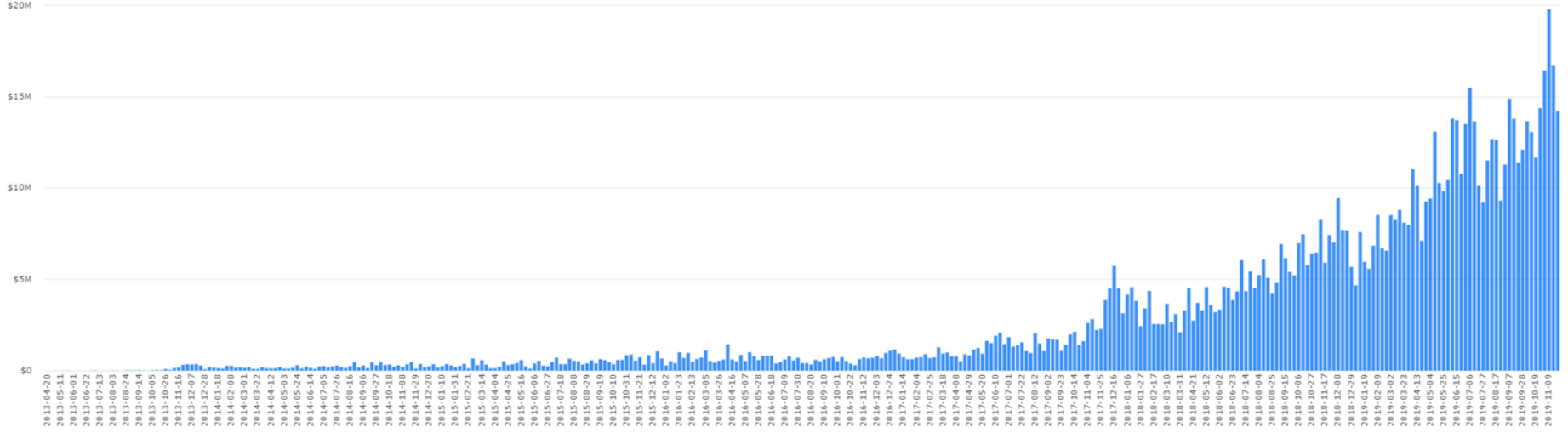
Baja

27,917.77

Alta

28,068.69

Weekly LocalBitcoins Volume (Argentine Peso)  
coin.dance



## Top 400 Asset Managers 2018: 10 years of asset growth

13 June 2018

For several years following the crisis, the finance industry came under fire - from regulators, politicians and in public discourse. A new regulatory and legislative framework, introduced post-crisis, has fundamentally changed the asset management industry, both directly and indirectly.

And the stimulus of quantitative easing has buoyed markets, which in turn has led to profound changes in the supply-and-demand dynamics in asset management. This has led to a decade of steady growth in the AUM in our study. What else has happened in the last 10 years and what does this tell us about the next 10?

For 2018, the Top 400 Asset Managers for 2018 has been released. The Top 10 stands as the following:

Rank	Country	Total AUM 2018 31/12/17 (€m)	Total AUM 2017 31/12/16 (€m)	
1	BlackRock	US/UK	5,315,409	4,884,550
2	Vanguard Asset Management	US/UK	4,090,010	3,727,455
3	State Street Global Advisors	US/UK	2,316,533	2,340,323
4	Fidelity Investments	US	2,003,270	2,129,650
5	BNY Mellon Investment Management	US/UK	1,585,920	1,518,420
6	Capital Group	US	1,504,359	1,401,780
7	J.P. Morgan Asset Management	US/UK	1,471,226	1,479,125
8	PIMCO	US/Ger/UK	1,462,446	1,406,350
9	Amundi	France	1,426,107	1,082,700
10	Prudential Financial	US	1,160,583	1,201,082

[Read more](#)  
[etfgi.com/research/report/.../etfgi-active-etf-and-etp-industry-insights-september-2018-europe](#)



### ETFGI Research

- > [ETFGI China ETFs and ETPs Landscape report - September 2018](#)
- > [ETFGI Emerging and Frontier market ETF and ETP Industry Insights, September 2018](#)
- > [ETFGI Leveraged/Inverse ETFs and ETPs Landscape report - September 2018](#)
- > [Custom Report\\_S101 September 2018](#)
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2 March 2018



Inside ETFs Asia: Joanne Siu - Samsung Asset Management

20 February 2018



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## Top 400 Asset Managers 2018: 10 years of asset growth

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		2018	2017
		31/12/17	31/12/16
		(€m)	(€m)
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9 Amundi	France	1,426,107	1,082,700
10 Prudential Financial	US	1,160,583	1,201,082
11 Legal & General Investment Management	UK	1,107,666	1,047,470
12 Goldman Sachs Asset Management International	US/UK	1,073,769	1,116,606
13 Wellington Management International	US	899,647	928,380
14 Natixis Investment Managers	France/US	830,847	831,501
15 T. Rowe Price	US/UK	825,368	768,711
16 Nuveen	US/UK	810,047	838,437
17 Northern Trust Asset Management	US/UK	800,644	-

Company	Country	Total	Total	
		AUM	AUM	
		2018	2017	
		31/12/17	31/12/16	
		(€m)	(€m)	
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# CIO de JP Morgan: Blockchain reemplazará la tecnología existente

839 Vistas totales 40 Número total de compartidos



La CIO de JP Morgan, Lori Beer, dijo en una conferencia de prensa en Buenos Aires que Blockchain "reemplazará la tecnología existente" en unos pocos años, [según](#) el sitio web argentino Cripto247 el 23 de agosto.

"Veremos un uso cada vez mayor de blockchain [...] En algunos años, [blockchain](#) reemplazará la tecnología existente, hoy solo coexiste con la actual", dijo Beer.

Criptomercados con señales mixtas, en su mayoría con tendencia lateral

Coinbase obtiene la aprobación para ofrecer servicios de criptocustodia en el estado de Nueva York

Coinbase y Circle lanzan Stablecoin USDC con un supuesto respaldo completo en dólares estadounidenses

Periódico chino más grande lanzará un laboratorio de cadena de bloques después de un nuevo acuerdo con una empresa de tecnología

C20: el evento más importante de criptomonedas en español se hará en Buenos Aires

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NEWS

**NASDAQ WANTS TO LAUNCH  
BITCOIN FUTURES IN Q1 2019  
DESPITE PRICE DROP**

26 FEBRUARY 2018 | NEWS

# Goldman Sachs-Funded Circle Purchases Poloniex For \$400 Million

BY COLIN HARPER



## Circle Acquires Poloniex

Circle Internet Financial Ltd. recently announced that it has acquired [Poloniex](#) for the cool price of \$400mln. The Goldman Sachs-backed company made the buyout public in a Monday [blog post](#).



### CRYPTO TOOL KIT

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# Pay gap reporting could intensify – 18th May 2018

May 18, 2018 | Weekly News Digest



## Headlines

- PIMCO partners with fintech for quant models
- Santander pioneers blockchain for shareholder voting
- Jupiter shareholders approve CEO's pay



Por Marie Huillet

23 MAY 2018

ELECCIÓN DEL EDITOR

## La aplicación de inversión de Goldman Sachs lanza una nueva característica para los 'principiantes' del mercado

1326 Vistas totales

21 Número total de compartidos



NOTICIAS

Financiado por [Goldman Sachs](#), Circle Internet Financial Ltd. ha lanzado una nueva característica para su aplicación de inversión de criptomonedas [Circle Invest](#) que facilita la entrada al mercado de los "novatos".

Criptomercados con señales mixtas, en su mayoría con tendencia lateral

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C20: el evento más importante de criptomonedas en español se hará en Buenos Aires

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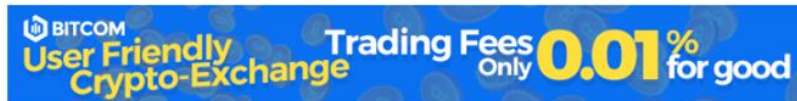
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## Mainstream: \$7.2 Trillion Asset Manager Fidelity Will Help Customers Invest in Bitcoin



Advertisement



One of the biggest names in financial services wants to help institutional investors add bitcoin and other cryptocurrency assets to their multi-billion dollar portfolios.

Citing proven institutional demand for cryptocurrency products, **Fidelity Investments**, the fifth-largest asset manager in the world with 27 million clients and \$7.2 trillion in customer assets, has announced that it will launch a separate company to provide cryptocurrency custody and trade execution services for institutions.

Dubbed Fidelity Digital Asset Services, **CNBC** reports that the company will serve as a bridge between institutional investors and the heretofore retail-focused cryptocurrency industry, which has lately sought



## ICE, Microsoft and Starbucks form cryptocurrency venture

03 August 2018



Intercontinental Exchange (ICE) is teaming up with Microsoft, Starbucks and Boston Consulting Group (BCG) to launch a platform that lets people and firms buy, sell, store and spend digital assets such as Bitcoin on a seamless global network.

Called Bakkt, the new venture will tap Microsoft cloud technology for a digital asset ecosystem covering federally regulated markets and warehousing as well as merchant and consumer applications.

First up, ICE plans a one-day physically delivered Bitcoin futures contract along with physical warehousing. This means that, unlike similar offerings from CME Group and Cboe, contract owners will get Bitcoin, not cash, upon expiration. Launch is slated for November, subject to CFTC approval.

# Vanguard will use blockchain to share index data

Technology is expected to improve speed, accuracy while lowering costs—and advisers might benefit, too



By **Ryan W. Neal** [Twitter](#)

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The meteoric rise of bitcoin may be dominating headlines, but cryptocurrencies are just the tip of the blockchain iceberg.



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Some say the technology's real opportunity is in revolutionizing the way information of all kinds is stored and shared.

**Vanguard Group** announced Tuesday that it is looking to capitalize on this idea by using blockchain to simplify and automate the process of sharing index data. The \$4.8 trillion asset manager said its blockchain—developed in partnership with the

Center for Research in Security Prices (CRSP) and Symbiont, a technology company focused on institutional applications of blockchain—will enable index data to move instantly between index providers and market participants.

(More: **Blockchain will change the advisory business—someday.**)

Warren Pennington, a principle at Vanguard's investment management

Nationwide purchased  
JeffNat to expand its  
focus on RIA and  
fee-based advisor  
needs.

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jefferson National is now Nationwide

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Voice commands,  
cybersecurity take center  
stage at T3



Goldman moves digital  
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HSBC launching robo-  
adviser to expand wealth  
management footprint



## / INVESTING

by Colin Harper  
Associate Editor/Staff Writer

Oct 22, 2018 6:13 PM EST



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# Bakkt's Futures Platform Slated to Begin Trading in December



*Bakkt's Futures Platform Slated to Begin Trading in December*

Almost a year to the day after the CBOE and CME launched their own bitcoin futures products, the Intercontinental Exchange's Bakkt platform is heralding the launch of its own futures on December 12, though the platform is still pending approval from the Commodity Futures Trade Commission.

Originally slated for November, Bakkt was **announced** in August 2018 as "a

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## Trending Now

David Chaum on Digital Privacy: "The Cat Is Out of the Bag"

Op Ed: In Defense of Bitcoin: A Response to Nouriel Roubini

Bitmain Releases Overt AsicBoost Firmware for Antminer S9

Coinbase Just Added Its First Stablecoin

Blockstack Looks to Boost

# Fidelity, Nasdaq Ventures invest in cryptocurrency exchange ErisX



Reuters 5h

NEW YORK (Reuters) - New cryptocurrency exchange ErisX said Tuesday it raised a total of \$27.5 million from investors including Fidelity Investments and Nasdaq Ventures.

ErisX says it will offer investors the ability to trade the cryptocurrencies bitcoin, litecoin and ether on spot and futures markets starting next year, subject to regulatory approval.

Cryptocurrencies are virtual tokens that can be used as forms of payments on a variety of online applications. They can also be traded on dedicated online exchanges.

Nasdaq confirmed it participated in the funding round but declined to give a dollar amount. Fidelity did not immediately respond to requests for comment.



Representations of the Ripple, Bitcoin, Ethereum and Litecoin virtual currencies are seen on motherboard in this illustration picture Thomson Reuters



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by Taboola



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**The world's largest cruise ship just landed in Miami — here's what it's like on board**





By Helen Partz

NOV 18, 2018

# Major Swiss Stock Exchange SIX Lists World's First Multi-Crypto ETP Amidst Market Collapse

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NEWS

Switzerland's principal [stock](#) exchange SIX Swiss Exchange will list the world's first multi-[crypto](#)-based exchange-traded product (ETP) next week, the [Financial Times](#) (FT) reported Saturday, Nov. 16.

**BTC/USD** 7,211.0  
 VOL 123,506,172 USD 197.50 ▲ (2.82%)  
 LOW 6,618.0 HIGH 7,414.4  
 Your BTC/USD Rank N/A

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- Stop
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- Trailing Stop
- Fill or kill
- Immediate or Cancel
- Scaled
- Token Manager

7,209.3 USD

Range Sell

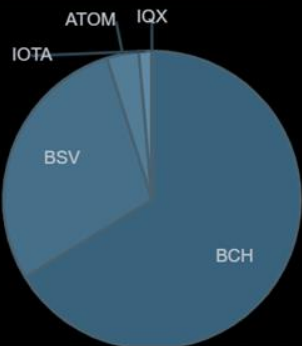
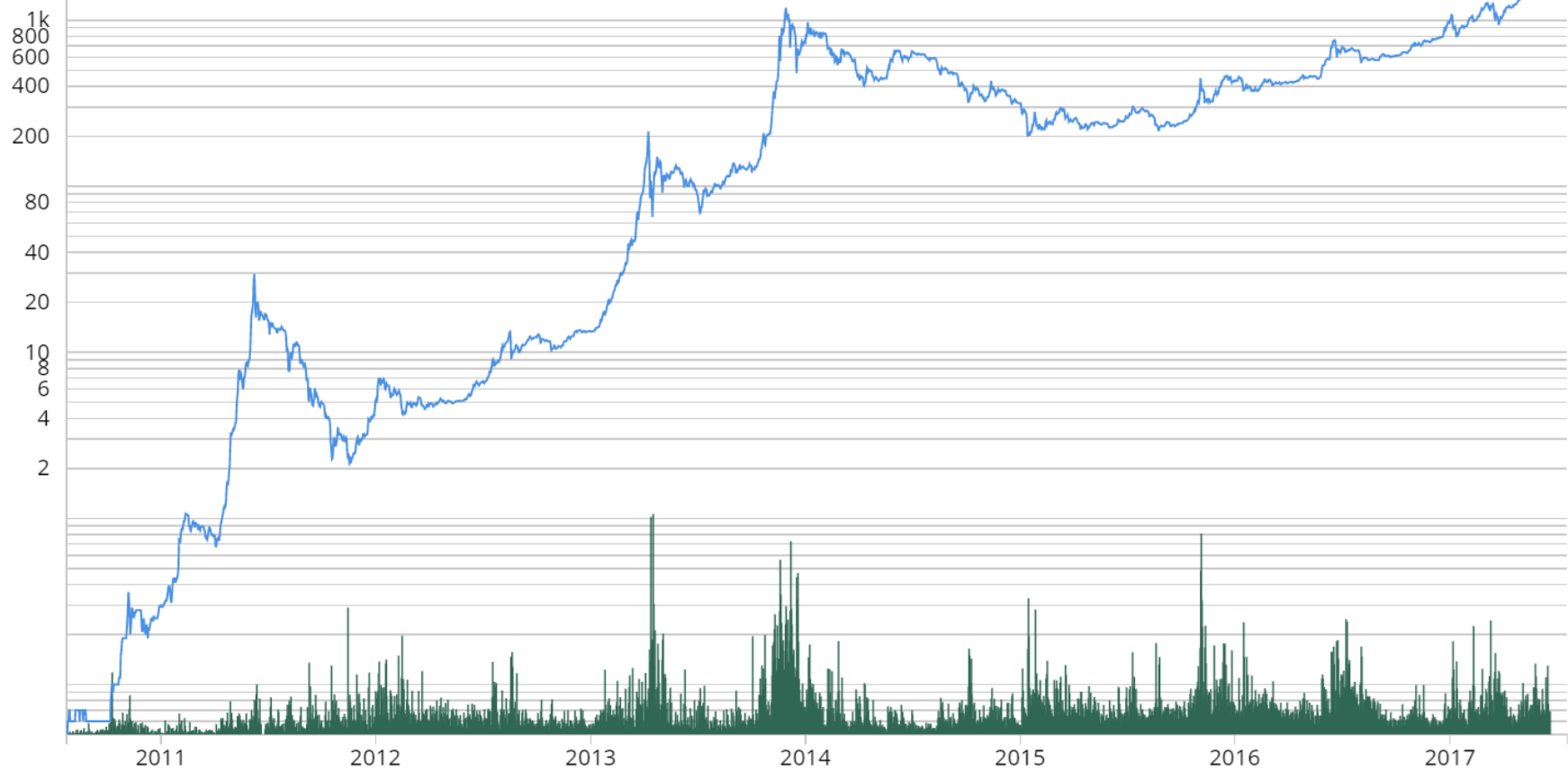


CHART BTC/USD

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POSITIONS (0)



# History of Bitcoin Declines

Dates	High	Low	% ▲	# weeks to new highs
12.17.17 to ????	\$19,891	\$4,035	79.7%	???
11.29.13 to 8.18.15	\$ 1,141	\$ 152	86.7%	169
4.10.13 to 4.12.13	\$ 259	\$ 45	82.6%	30
8.19.11 to 11.21.11	\$ 12	\$ 2	83.3%	53
06.11.2011 to 11.21.11	\$ 35	\$ 2	94.3%	81
Average			85.3%	67

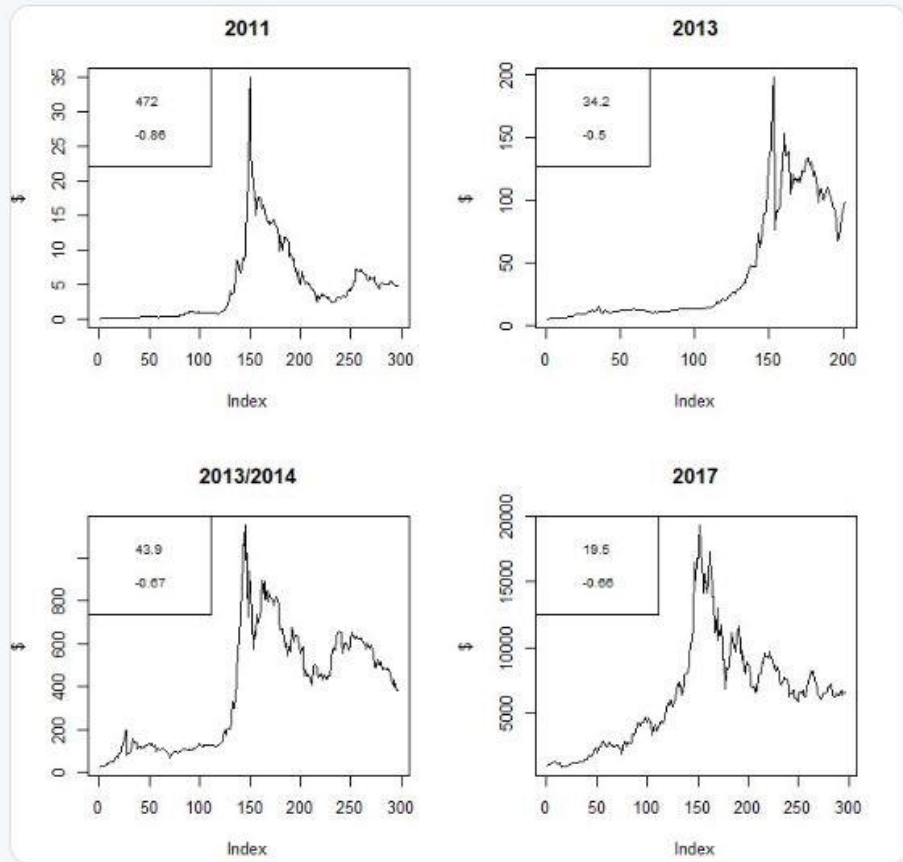
Sources: Factor LLC, Coinbase, Bitstamp, Bitfinex, Mt Gox, bitcoincharts.  
Historical prices vary significantly by exchange.

↻ Dennis Parker ⚡ retwitteó



**Dennis Parker** ⚡ @Xentagz · 4 h

#Bitcoin bubble history



# BITCOIN

2010 - 2018

+ 191808263 %



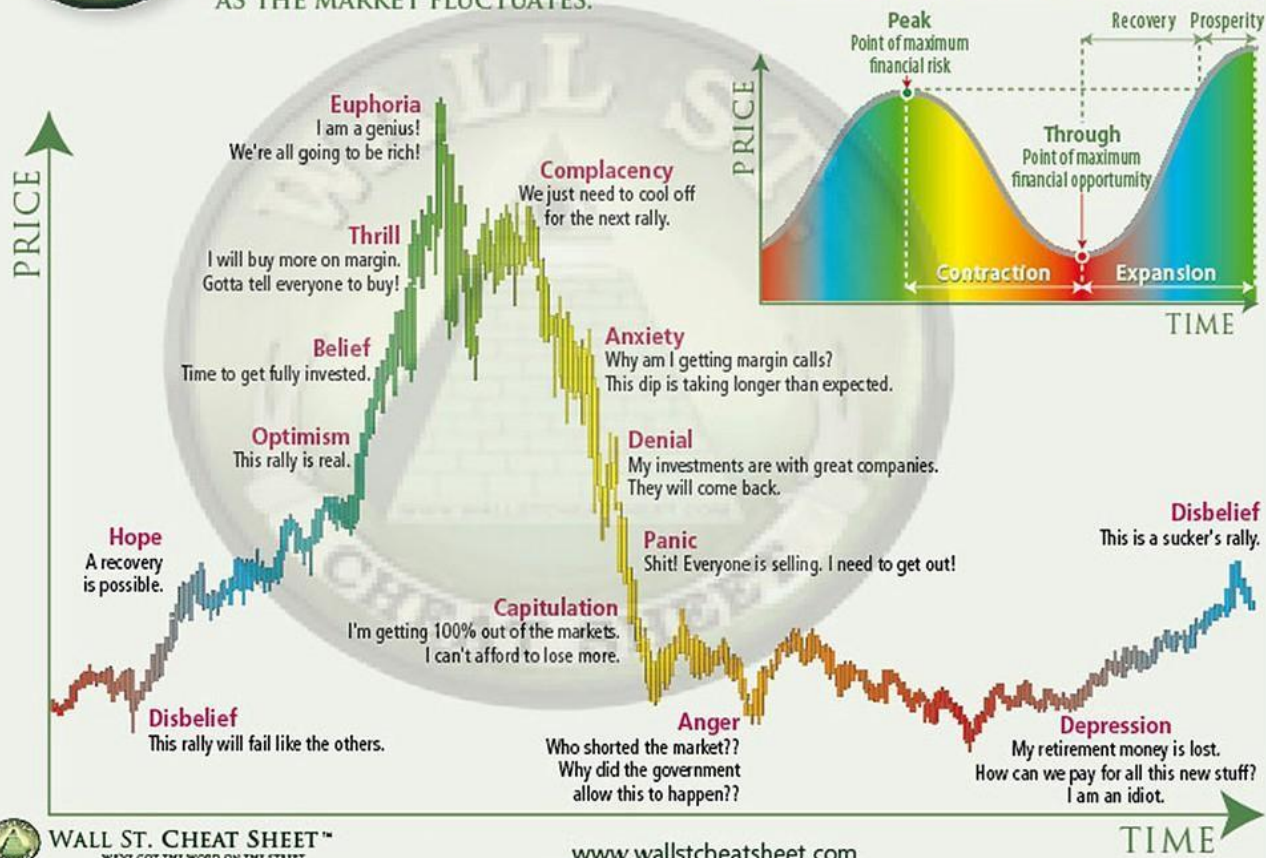


# WALL ST. CHEAT SHEET™ WE'VE GOT THE WORD ON THE STREET

## PSYCHOLOGY OF A MARKET CYCLE

THE FEELINGS APPEARING  
AS THE MARKET FLUCTUATES.

### SIMPLIFIED MARKET CYCLE



El punto de máximo riesgo financiero

“¡Es perfecto! Me siento muy bien con esta inversión”

“Contratiempo temporal. Soy un inversor a largo plazo”



“Quizás los mercados no son para mí”



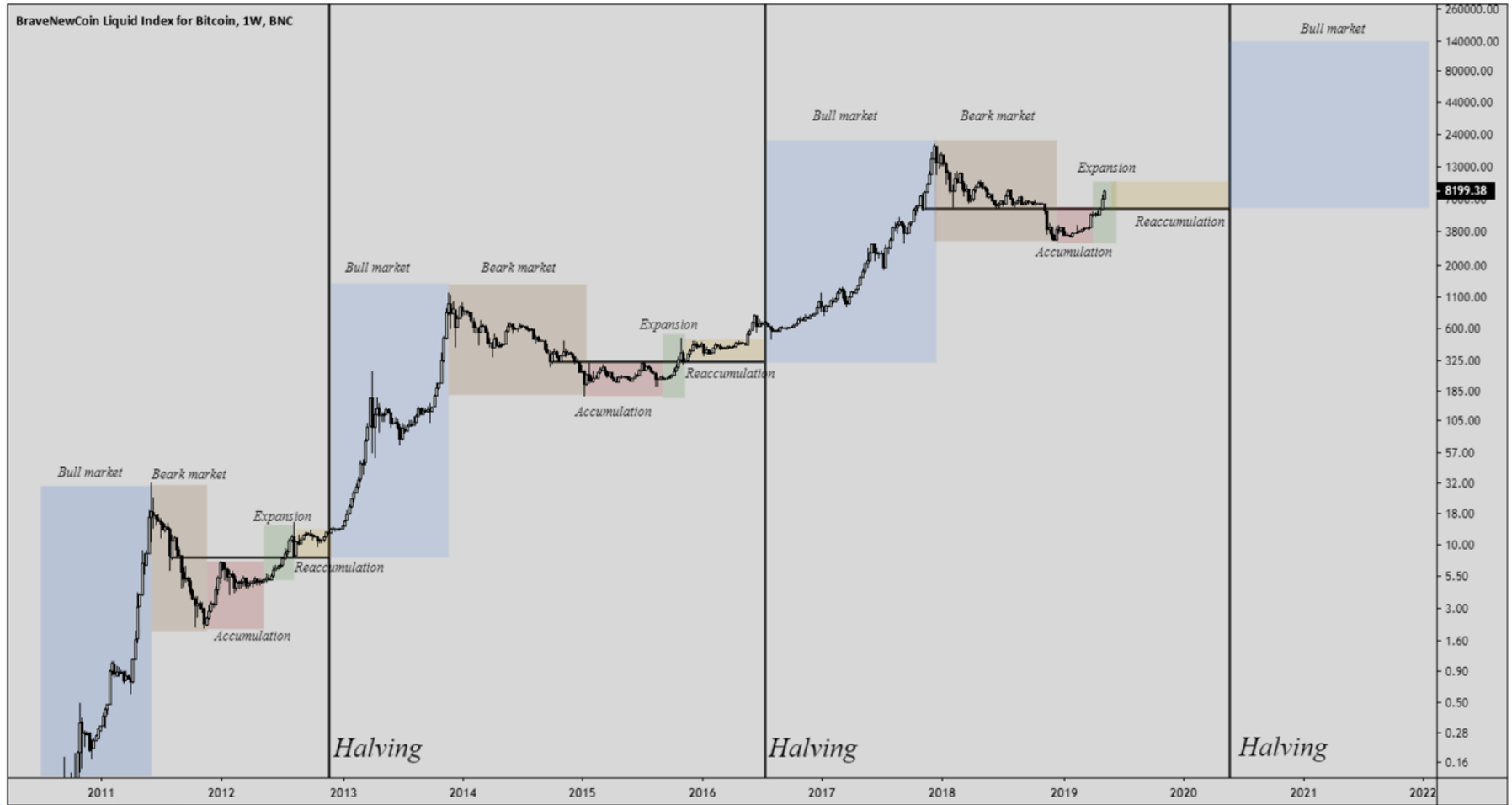
Bitcoin / Dollar, 1W, BITFINEX

Vol (20)



BraveNewCoin Liquid Index for Bitcoin, 1W, BNC 06149.65 H6320.98 L6053.35 C6077.32 -72.33 (-1.18%)





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2fa códigos resguardo

12 word phrase

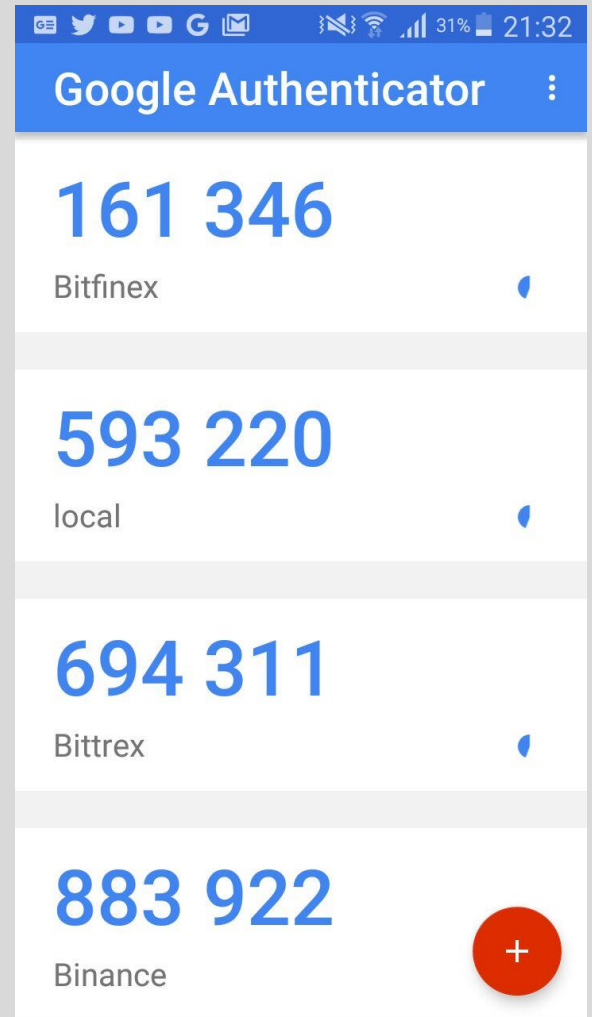
Patrón de contraseñas

Exchange Api key

# 2FA

# Two Factor Authenticator

habilitar uno





Physical Security Key using FIDO Universal 2nd Factor (U2F).

**Protected actions:**

- Logins
- Withdrawal Confirmations
- Password Changes
- API Key Creation
- Security Settings Changes
- Sensitive Account Settings Changes

SETUP



Google Authenticator

Use Google's Android or iPhone app for adding token-based 2FA.

**Protected actions:**

- Logins
- Withdrawal Confirmations
- Password Changes
- API Key Creation
- Security Settings Changes
- Sensitive Account Settings Changes

Enabled [Disable](#)

Security

Notifications

Interface

Verification

Affiliate

Reports

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API

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## Email Encryption

Set up encryption for email services



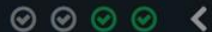
## Two-Factor Authentication

Configure 2FA services



## Session

Adjust session settings

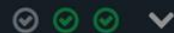


## Withdrawal Address Whitelist

Withdrawal Addresses Whitelist



## Withdrawal Settings



### Monitor Withdrawals by IP

If a withdrawal is requested from a new IP address you will receive an email asking you to check and verify the withdrawal. The 'untrusting' period for IP changes is 24 hours. If the withdrawal is made more than 24 hours after the IP address change, this extra email check is not triggered.

Off  On

### Lock withdrawals for 24 hours when a new IP address is used

When a new IP address is used to log into your account all withdrawals will be locked for 24 hours and you will receive an email notification.

Off  On

### Custom Withdrawal Check

Add a secret phrase to the withdrawal confirmation image. This is another step to help you ensure your withdrawal details have not been compromised by malware on your browser or a

Off  On



