



# Blockchain Technology & Digital Currencies

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Lead Developer & Founder

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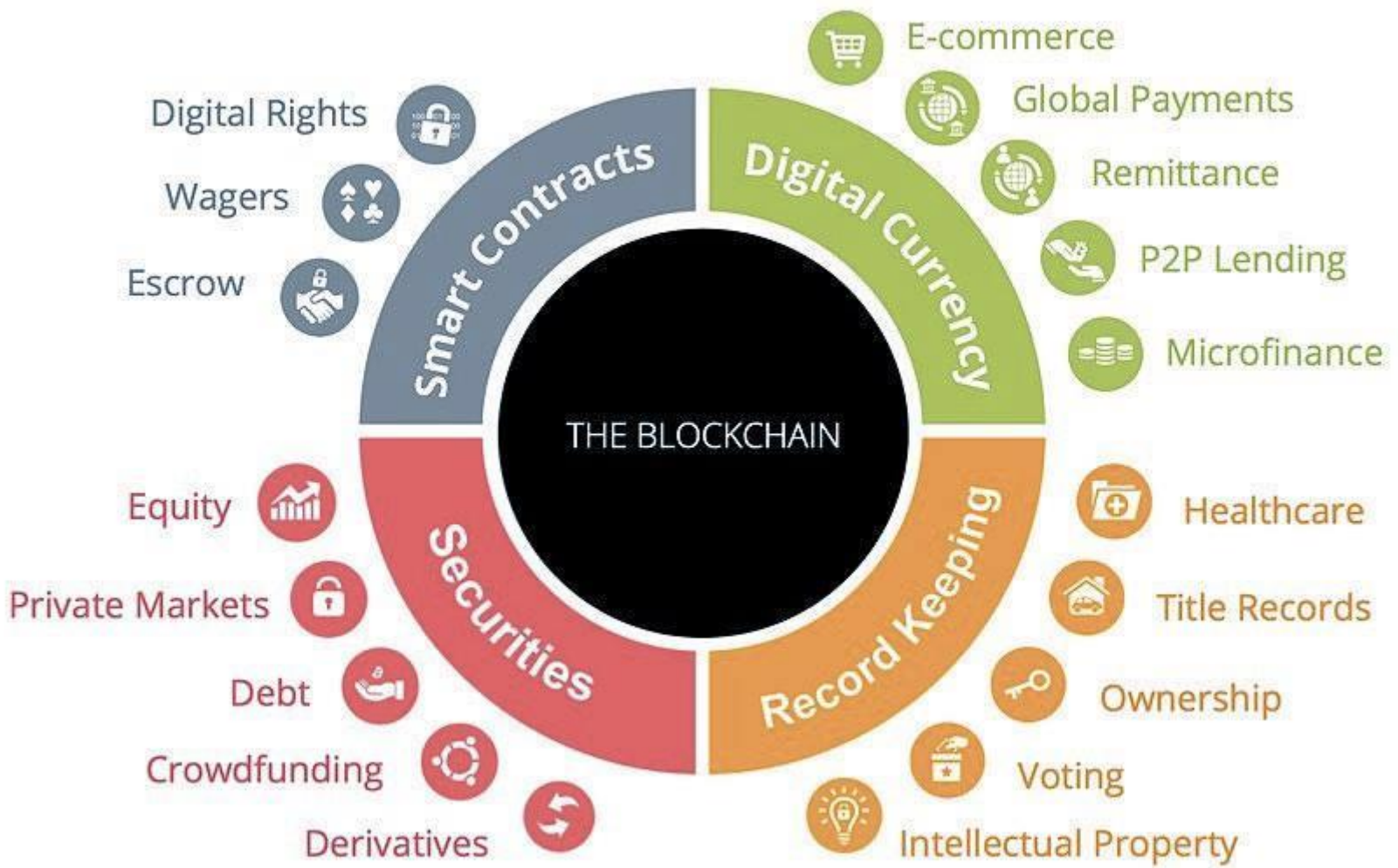
- Who am I ?
- Blockchain Technology
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- Innovative Capitalism : ICO model
- Cryptocurrency : bubble or homerun ?
- Closing and Q&A

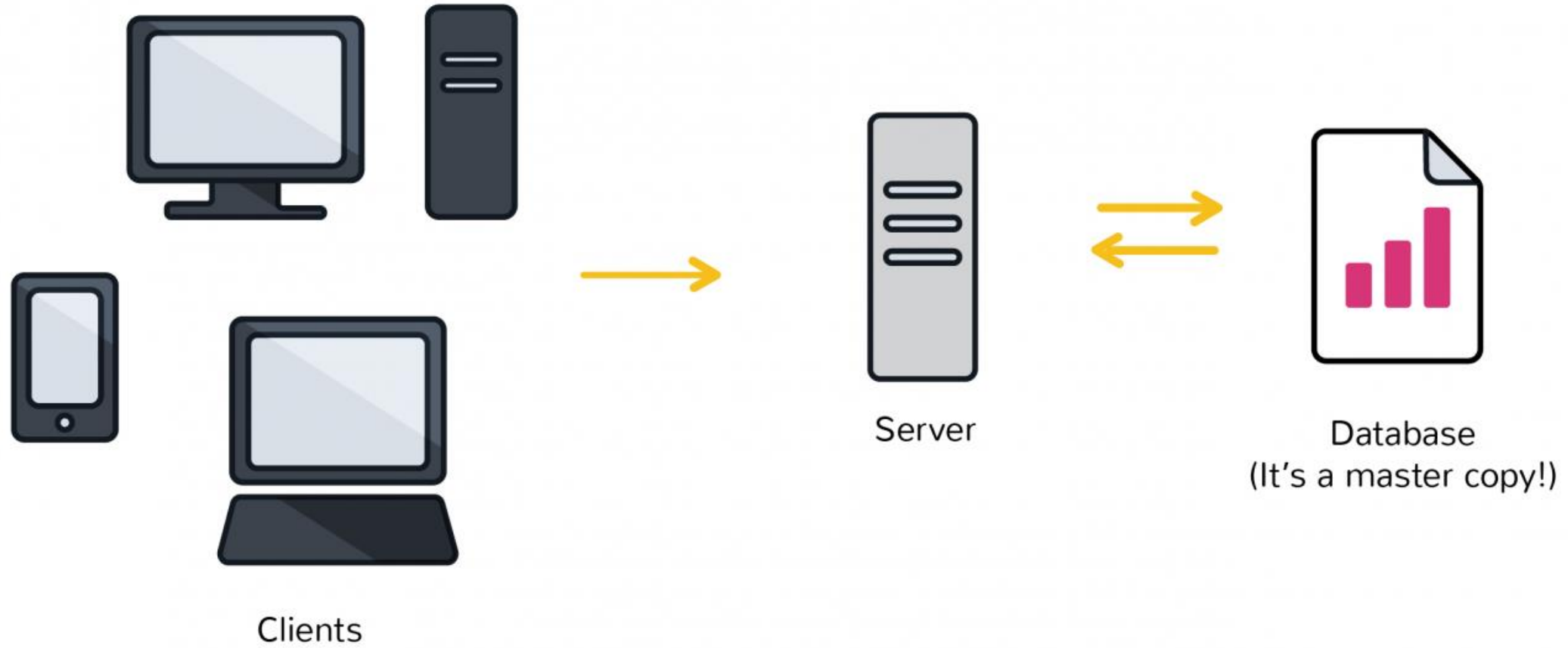


## Who am I ?

- B.Eng. in Computer Engineering, Second Class Honors, KMITL
- Worked at Microsoft Thailand, Accenture Malaysia
- M.S. in Security Informatics, Johns Hopkins University
- Founder and Core Developer at Zcoin
- Second lieutenant at Cyberwarfare Unit, Royal Thai Armed Forces
- CEO & Co-Founder at Satang Corporation - Satang.com and TDAX.com

# Blockchain Technology





# Disruption in Amazon's cloud service ripples through internet

Jeffrey Dastin

3 MIN READ



The logo of Amazon is seen at the company logistics center in Lauwin-Planque, northern France, February 20, 2017. REUTERS/Pascal Rossignol

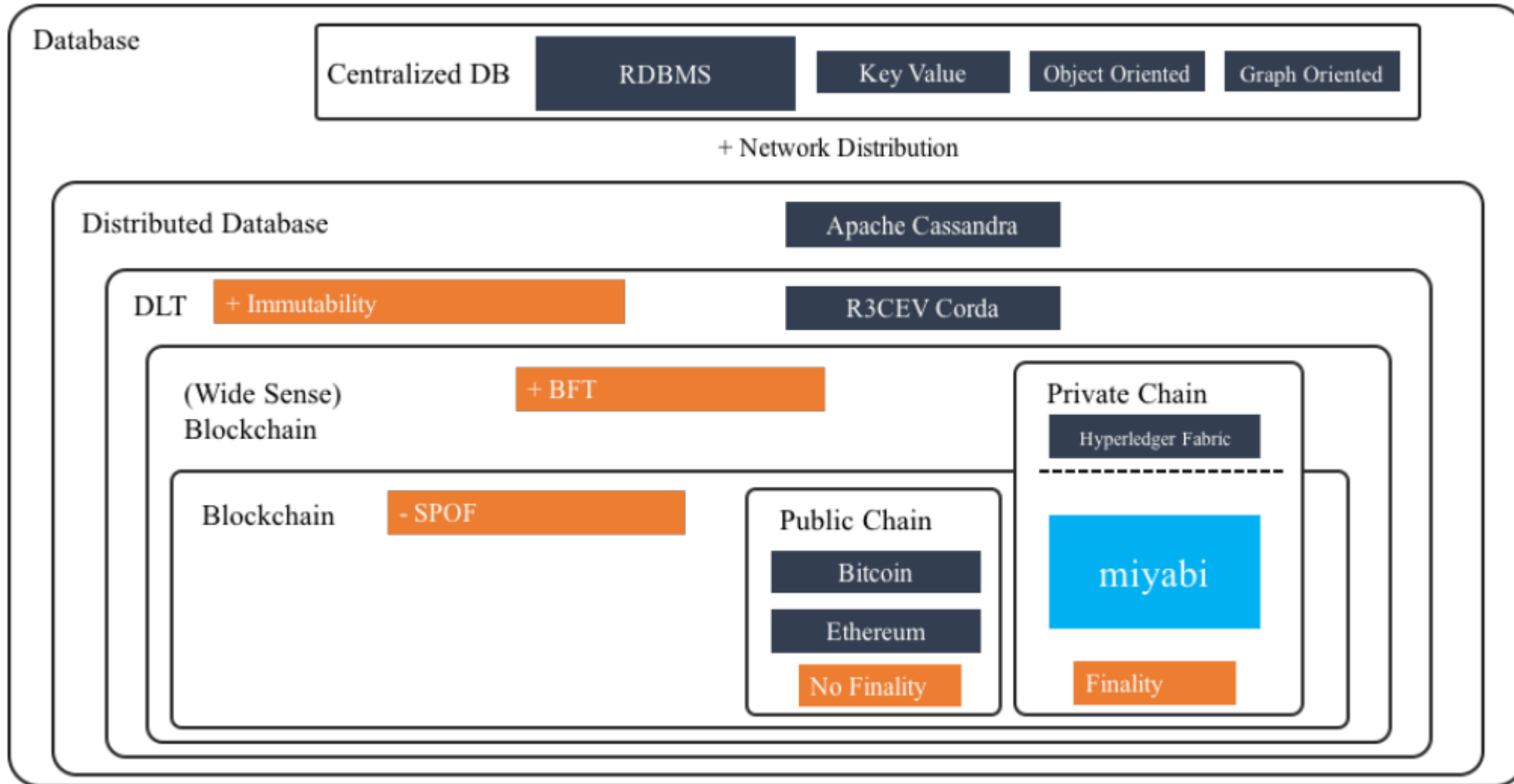
SAN FRANCISCO (Reuters) - Web users experienced widespread glitches on Tuesday, from news sites to government services, after Amazon.com Inc's popular cloud service that hosts their data suffered a technical disruption.



Clients

Database







# Financial & Investment Disruption



## Problems

- Outdated
  - (Industries + Paper) in Digital
- Centralized
  - Resistant to change
  - Vulnerable to systems failures and attacks

# Financial & Investment Disruption



## Solutions

- Outdated
  - (Industries + Paper) in Digital => **Digital Asset**
- Centralized => **Decentralized**
  - Resistant to change => **Majority Vote**
  - Vulnerable to systems failures and attacks => **No SPOF**

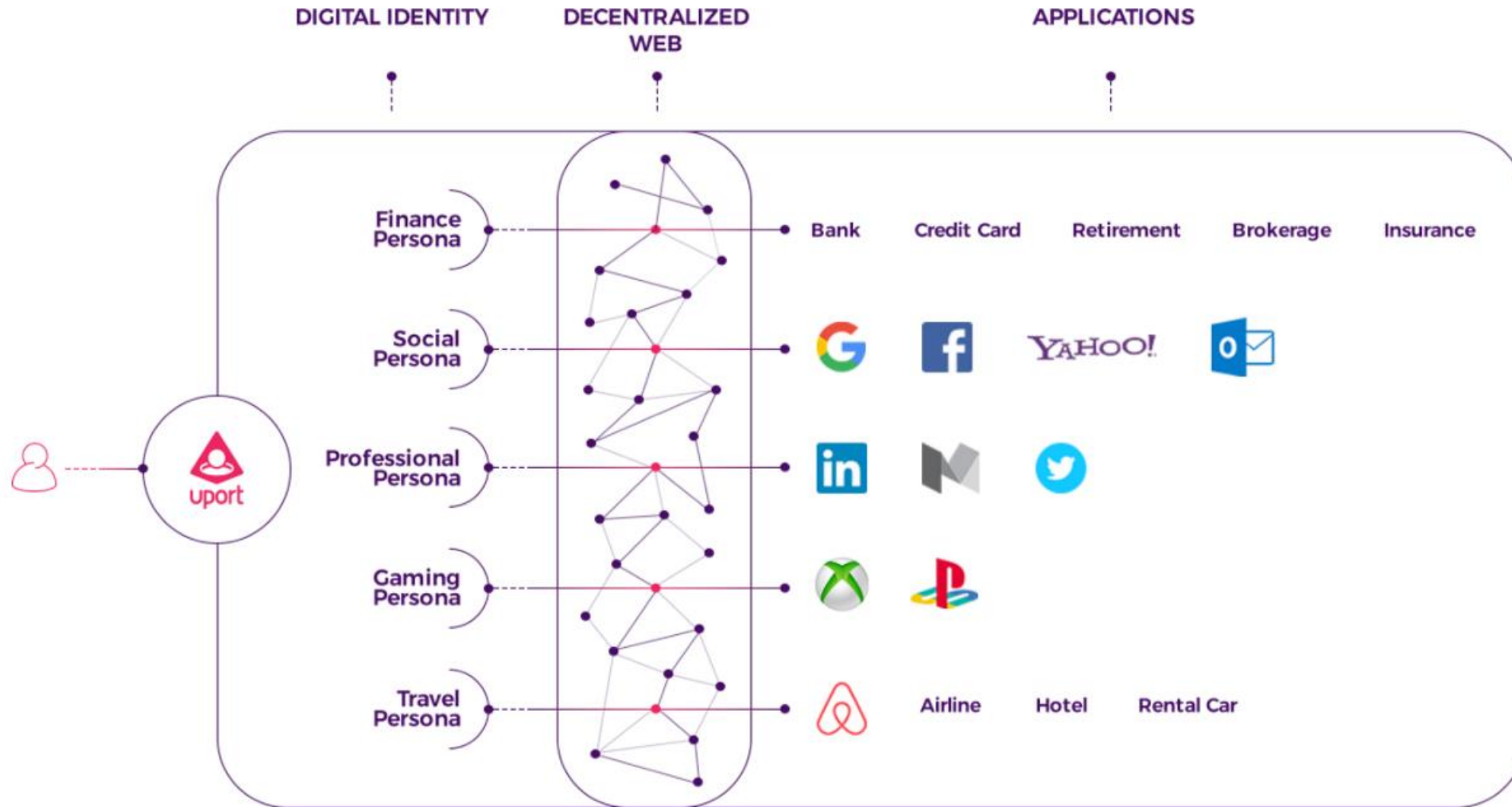
# Financial & Investment Disruption



## Capabilities

- Authenticating Identity and Value => KYC (Know Your Customer)
- **Be affected !**
  - Retail banking, Wholesale banking, Investment banking
  - Asset managers, Broker dealers
  - Payment networks, Lending marketplaces
  - Equity crowdfunding
  - Regulators and auditors

# Financial & Investment Disruption



# Financial & Investment Disruption



## Capabilities

- Distribution of Value => No single dollar is spent twice
- **Be affected !**
  - Assets
  - Currency
  - Bonds
  - Diamonds
  - Gold
  - Silver
  - Stocks ...

# Financial & Investment Disruption

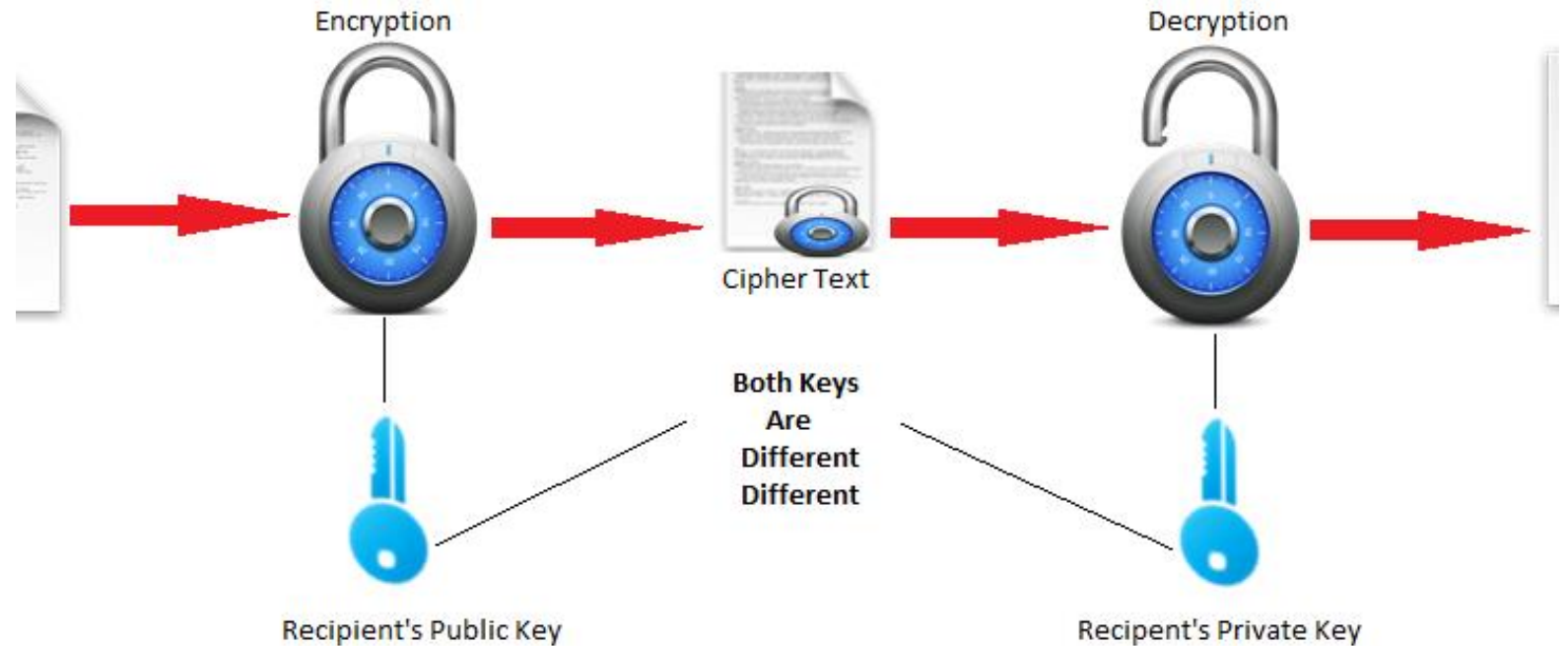


# Financial & Investment Disruption



## Capabilities

- Storage of Value
- **Be affected !**
  - Banking institutions



**Public Key Encryption**

# Financial & Investment Disruption

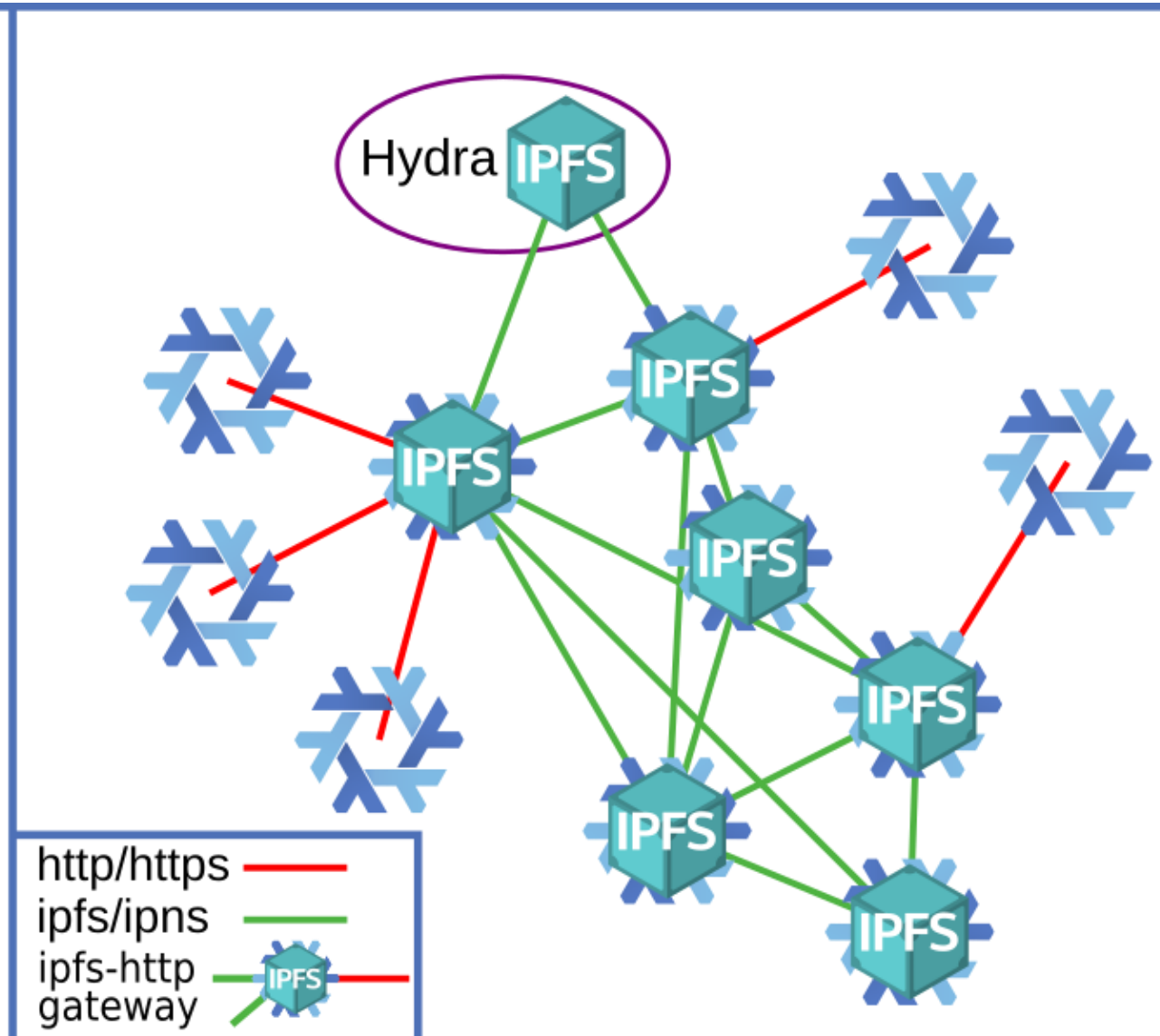
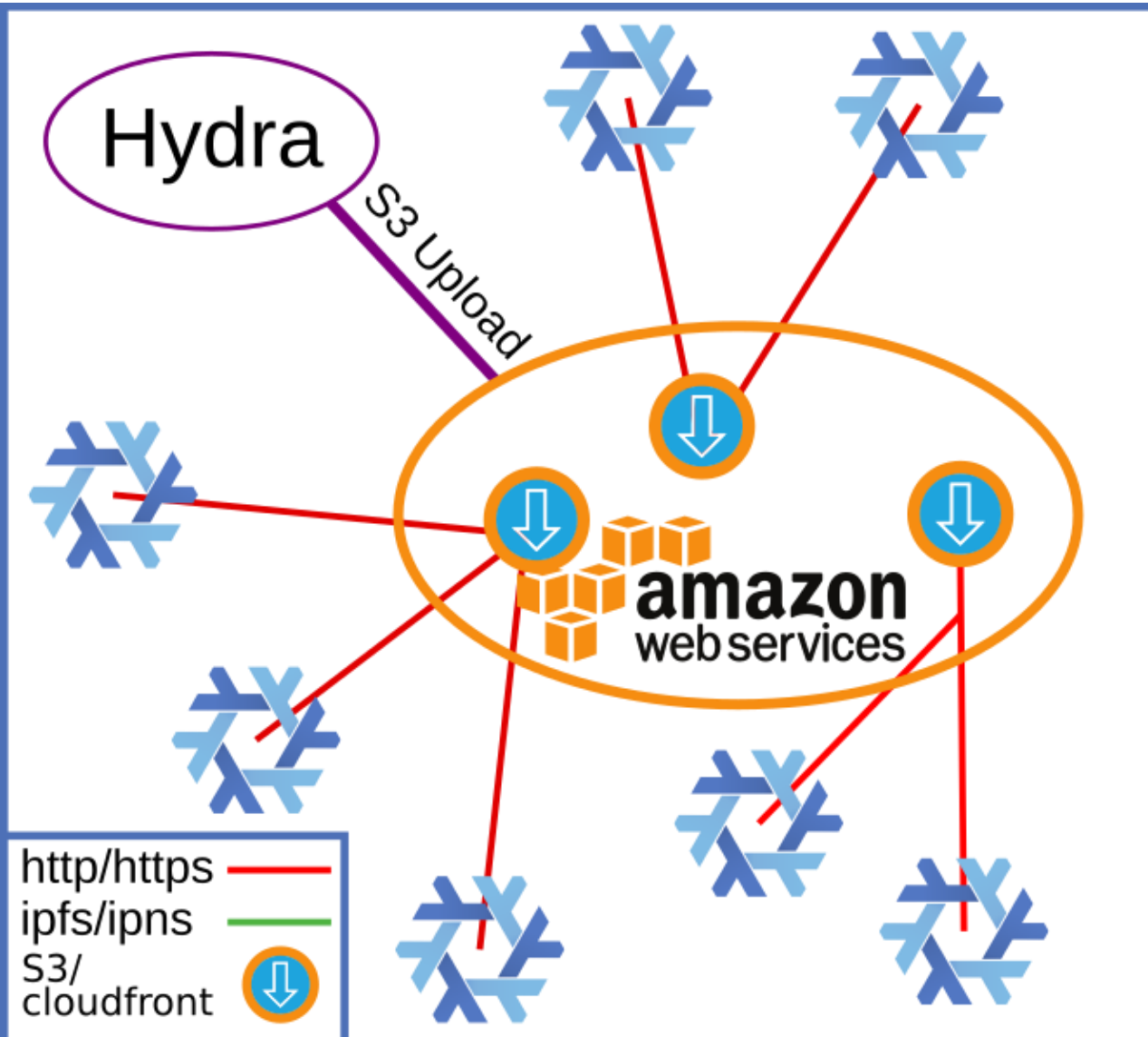


**OpenBazaar 2.0**  
B E T A R E L E A S E D





# Financial & Investment Disruption



# Financial & Investment Disruption



ob://search?providerQ=https%3A%2F%2Fsearch.ob1.io%2Fsearch%2Flistings%3Fq%3D\*%26network%3Dtestnet%20

OpenBazaar Discover   OB1 BB DUO +   Transactions My Page

### OB1

OB1 Enter a search term or #tag. Search

9767 listings   Sort by Relevance

**Rating**

- ★★★★★
- ★★★★★ & up
- ★★★★ & up
- ★★★ & up
- ★★ & up
- ★ & up
- ★ All Ratings

**Shipping**

Worldwide

**Two Burritos**  
★ 0.0   \$1.00

**Silver ski set**  
★ 0.0   \$729.00

**[WTS for B & charity]...**  
★ 0.0   \$55,858.15

**ALL**

Feedback

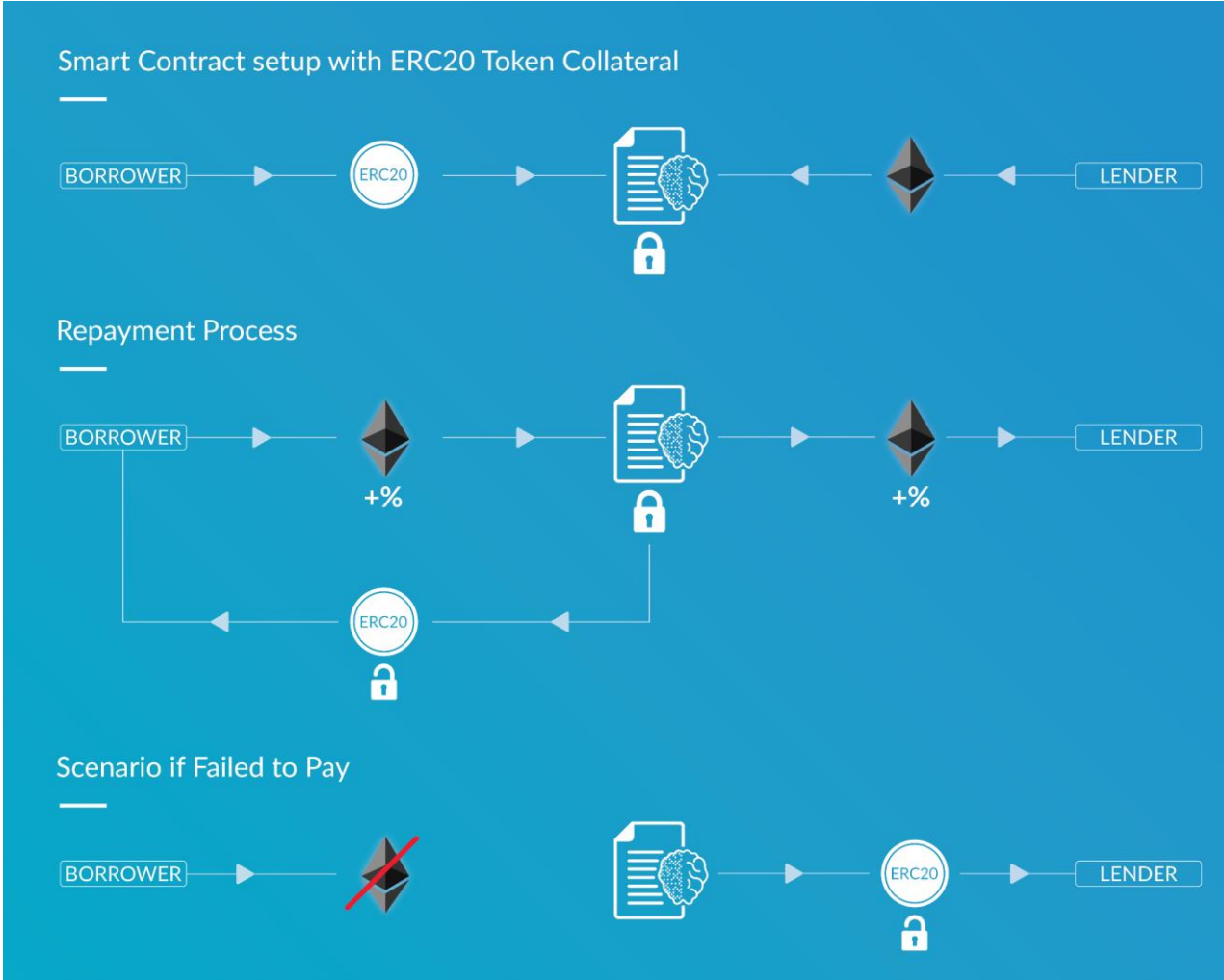
# Financial & Investment Disruption



## Capabilities

- Lending Value
- **Be affected !**
  - Banking institutions

# Financial & Investment Disruption



# Financial & Investment Disruption



## Capabilities

- Exchanging Value
- **Be affected !**
  - Stock Exchange

# Financial & Investment Disruption



EXPLORE

EXCHANGE



CREATE ACCOUNT



## Welcome to the BitShares DEX

The **BitShares** decentralized exchange - also known as The DEX - is a next-generation cryptocurrency trading platform.

The **DEX** is inherently decentralized, enabling you to trade the BitShares core token (BTS) and a range of trustless price-stable, market-pegged assets such as bitUSD, bitCNY, bitBTC, bitGold and more. These assets can all be traded with **zero** counter-party risk, putting you in total control of your funds.





















The **DEX** also enables creation of user-issued assets (UIAs), which can be traded against any other UIAs or trustless assets on the platform. One well-known issuer on The DEX is **OpenLedger**, offering a host of assets including BTC, ETH, STEEM, DASH, LTC, DOGE, and many more

This gives cryptocurrency traders a unique blend of traditional and decentralized trading, all in a familiar exchange interface. Happy trading!

CREATE A NEW ACCOUNT

LOGIN WITH PASSWORD

## Top Markets

 <b>BTS : bitUSD</b> PRICE: 0.065600 VOLUME: 66.09k CHANGE: -16.96%	 <b>BTC : bitUSD</b> PRICE: 3,152.30122 VOLUME: 14.40k CHANGE: -7.10%	 <b>USDT : bitUSD</b> PRICE: 0.88900 VOLUME: 655.693 CHANGE: -1.74%	 <b>ETH : bitUSD</b> PRICE: 228.15822 VOLUME: 7,597.168 CHANGE: -5.58%
 <b>DASH : bitUSD</b> PRICE: 265.00025 VOLUME: 646.020 CHANGE: 17.78%	 <b>bitGOLD : bitUSD</b> PRICE: 1,481.48148 VOLUME: 55.008 CHANGE: 4.64%	 <b>HERO : bitUSD</b> PRICE: 144.00000 VOLUME: 950.226 CHANGE: -0.10%	 <b>BTC : bitCNY</b> PRICE: 19,799.79092 VOLUME: 252.20k CHANGE: -7.72%
 <b>bitUSD : bitCNY</b> PRICE: 6.24998 VOLUME: 315.76k CHANGE: -0.62%	 <b>ETH : bitCNY</b> PRICE: 1,320.00097 VOLUME: 54.84k CHANGE: -11.34%	 <b>YOYOW : bitCNY</b> PRICE: 0.15290 VOLUME: 228.06k CHANGE: -22.24%	 <b>OCT : bitCNY</b> PRICE: 0.77194 VOLUME: 57.00k CHANGE: -2.16%
 <b>BTS : BTC</b> PRICE: 0.00002058 VOLUME: 31.226 CHANGE: -11.37%	 <b>DASH : BTC</b> PRICE: 0.07951841 VOLUME: 0.038 CHANGE: 7.36%	 <b>OBITS : BTC</b> PRICE: 0.00015000 VOLUME: 0.177 CHANGE: -9.78%	 <b>BLOCKPAY : BTC</b> PRICE: 0.00003842 VOLUME: 0.702 CHANGE: 20.06%
 <b>STEEM : BTC</b> PRICE: 0.00030450 VOLUME: 0.926 CHANGE: 0.77%	 <b>bitCNY : BTS</b> PRICE: 2.49931 VOLUME: 17.13m CHANGE: 24.19%	 <b>ETH : BTS</b> PRICE: 3,399.00525 VOLUME: 375.11k CHANGE: 13.93%	 <b>HERO : BTS</b> PRICE: 2,141.00000 VOLUME: 26.43k CHANGE: 5.99%

# Financial & Investment Disruption



Bitsquare

Market Buy BTC Sell BTC Portfolio Funds Support

ETH/BTC: 0.00954401 Market price (Ask) POLONIEX

0.00 BTC Available balance 0.00 BTC Reserved in offers 0.00 BTC Locked in trades

Settings Account

Sell bitcoin Take offer Create offer ×

### Select trading account

Trading account: ETH: 0xc1b8... (ETH, Altcoins)

Currency: Ether (ETH)

### Set amount and price

**Sell bitcoin**


Amount of bitcoin to sell	0.10 BTC	Price in BTC for 1 ETH	0.0095 BTC	Fixed Percentage =	Amount in ETH to receive	10.53 ETH
Minimum amount of bitcoin	0.10 BTC	Distance in % from market price	0.23 %			

### Fund your offer

Funds needed: 0.1107 BTC

Trade wallet address: 18qLayrGZy6EK5oyK3eZpQL9nRHSPytbzP

Trade wallet balance: 0.00 BTC



Transfer funds from Bitsquare wallet OR Open your external wallet for funding

Waiting for funds...

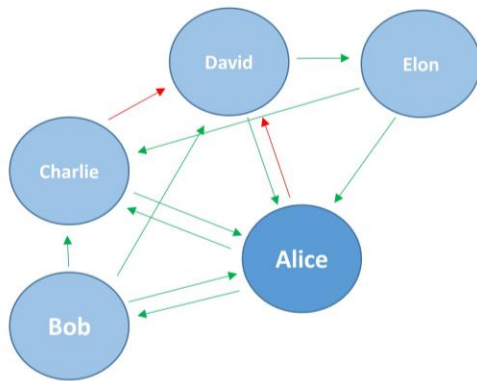
Cancel

# Financial & Investment Disruption

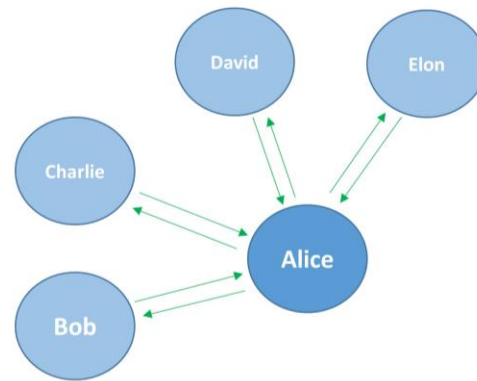


## Capabilities

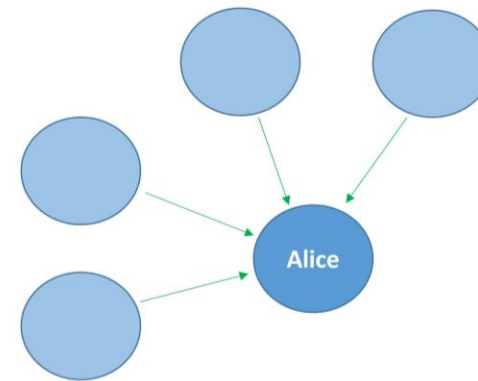
- Insuring Value and Managing Risk => Blockchain Reputational Systems



Normal



Suspicious



OpenBazaar



# Financial & Investment Disruption



**work.nation**

build a global professional portfolio  
powered by the blockchain  
<demo prototype>

sign in with uPort

login as a demo user

*sign up for a uPort account >*



# Innovative Capitalism : ICO model



## 135 BLOCKCHAIN STARTUPS WITH ICOs

Closed initial coin offerings greater than or equal to \$500K. 2014 - YTD (9/8/2017)

### ASSET MANAGEMENT



### MEDIA & ADVERTISING



### GAMBLING & GAMING



### INFRASTRUCTURE & DEVELOPMENT



### EXCHANGES & WALLETS



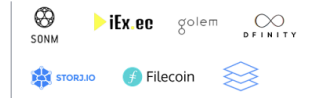
### TRADING



### DAO & TOKEN LAUNCH



### COMPUTING & STORAGE



### OTHER



### BROWSERS & SOCIAL



### CROWDFUNDING & LENDING



### PREDICTION MARKETS



### HEALTHCARE & INSURANCE



### IDENTITY & INTERNET OF THINGS



### PAYMENTS & BANKING



### FINANCIAL SERVICES



## Tezos' \$232 Million ICO May Just Be The Beginning



Omri Barzilay, CONTRIBUTOR  
FULL BIO

Opinions expressed by Forbes Contributors are their own.



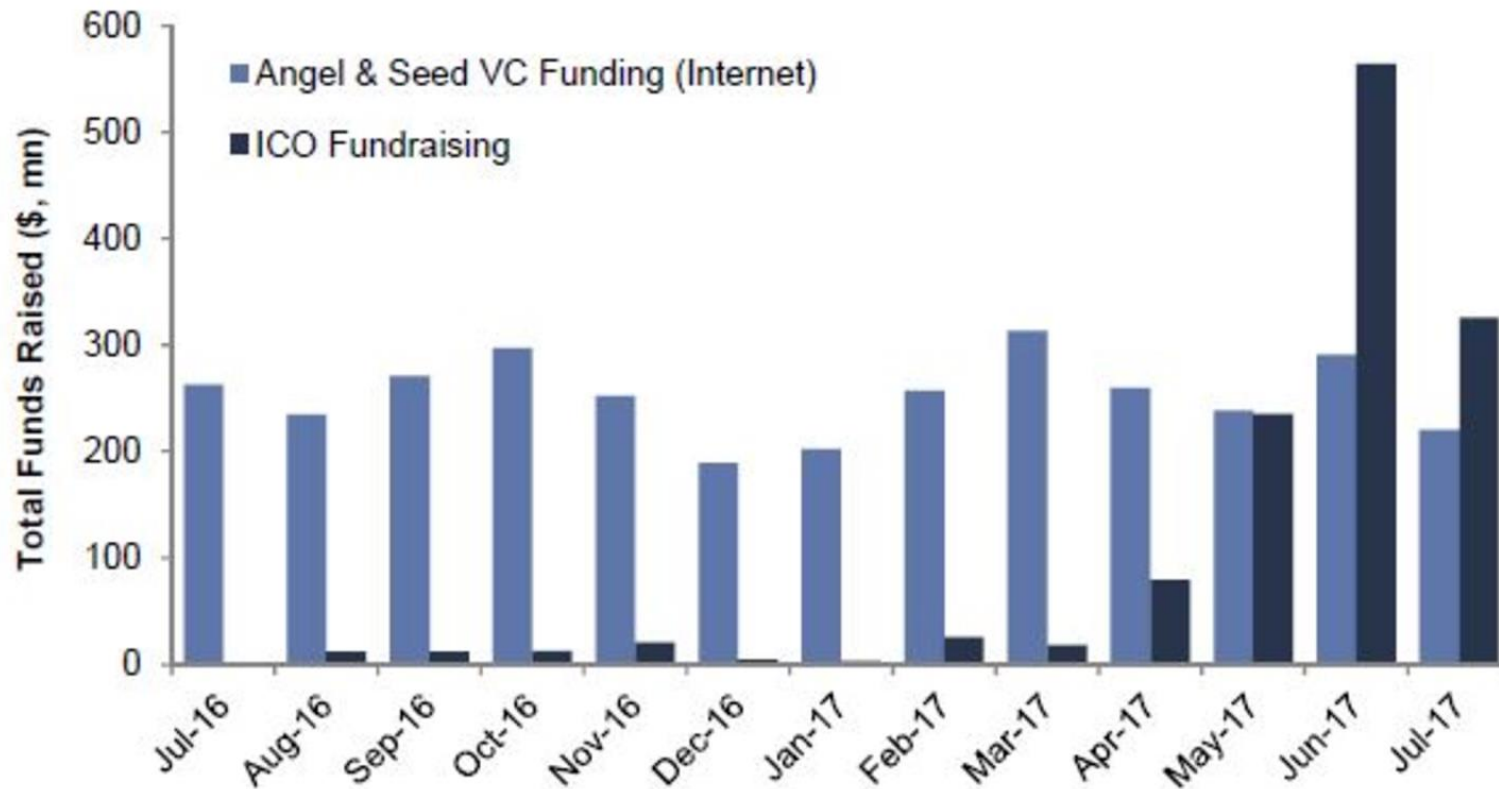
Note: ICO data sourced from TokenData.io. Map is illustrative; not exhaustive.

# Innovative Capitalism : ICO model



## Exhibit 8: The pace of ICO fundraising has now surpassed Angel & Seed stage Internet VC funding globally

Total Funds Raised by month (\$, millions)



Note: ICO fundraising as of July 18<sup>th</sup>, 2017, per Coin Schedule. Angel & Seed VC funding data as of July 31<sup>st</sup>, 2017 and does not include "crowdfunding" rounds.

Source: CoinSchedule, CB Insights, Goldman Sachs Global Investment Research.

# Innovative Capitalism : ICO model



## Preamble

---

```
EIP: 20
Title: ERC-20 Token Standard
Author: Fabian Vogelsteller <fabian@ethereum.org>, Vitalik Buterin <vitalik.buterin@ethereum.org>
Type: Standard
Category: ERC
Status: Accepted
Created: 2015-11-19
```

## Simple Summary

---

A standard interface for tokens.

## Abstract

---

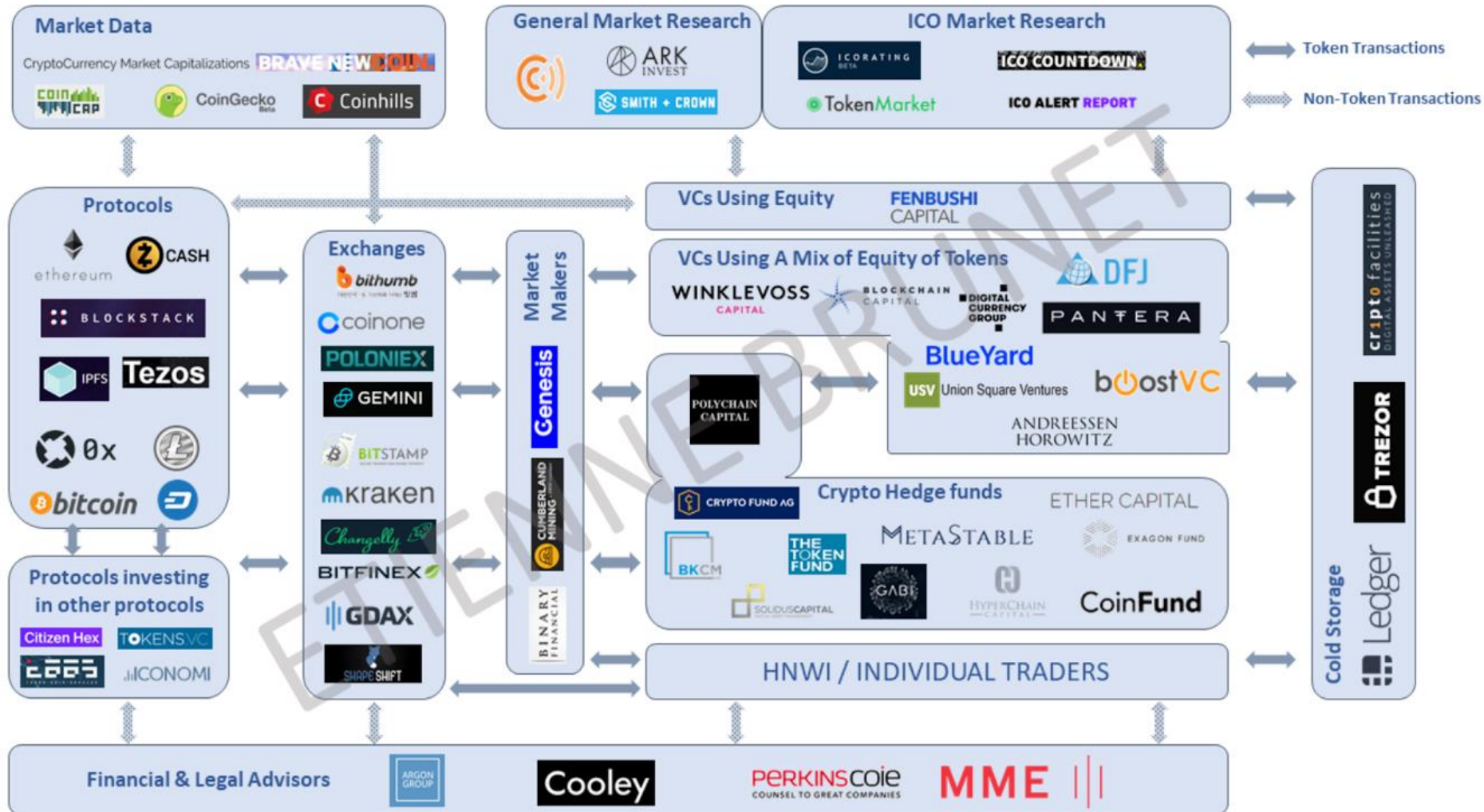
The following standard allows for the implementation of a standard API for tokens within smart contracts. This standard provides basic functionality to transfer tokens, as well as allow tokens to be approved so they can be spent by another on-chain third party.

## Motivation

---

A standard interface allows any tokens on Ethereum to be re-used by other applications: from wallets to decentralized exchanges.

# Innovative Capitalism : ICO model






# Innovative Capitalism : ICO model

- SEC: Virtual Tokens Issued in Blockchain-Based ICO's may be “Securities”
- According to Chinese Official, China's Ban on Initial Coin Offerings is Only Temporary
- มุมมองของ ก.ล.ต. กรณี ICO (<http://www.sec.or.th/TH/Pages/FinTech/ICO.aspx>)

“ก.ล.ต. มีนโยบายส่งเสริมการเข้าถึงทุนของธุรกิจ ซึ่งรวมถึงกลุ่มเทคโนโลยีที่มีศักยภาพ และเห็นว่า ICO สามารถเป็นกลไกที่ช่วยตอบโจทย์เรื่องการระดมทุนให้ธุรกิจดังกล่าวได้ ทั้งนี้ หาก ICO ใดมีลักษณะที่เข้าข่ายเป็นหลักทรัพย์ ผู้ระดมทุนก็ต้องดำเนินการตามกฎหมาย / กฎเกณฑ์ที่เกี่ยวข้องด้วย

อย่างไรก็ดี ก.ล.ต. ยอมรับว่าการทำธุรกิจของกลุ่มเทคโนโลยีมีความแตกต่างจากธุรกิจในรูปแบบที่คุ้นเคย และการระดมทุนลักษณะดังกล่าวอาจไม่สอดคล้องกับเกณฑ์การกำกับดูแลหลักทรัพย์ที่มีอยู่ในปัจจุบัน ก.ล.ต. จึงอยู่ระหว่างพิจารณาแนวทางการกำกับดูแลที่เหมาะสม และยินดีรับฟังทุกความเห็นจากภาคธุรกิจ เพื่อไม่ให้มีกฎเกณฑ์ที่เป็นอุปสรรคต่อการสร้างนวัตกรรมที่เป็นประโยชน์ ในขณะที่ยังสามารถป้องกันไม่ให้ผู้ที่ไม่สุจริตอาศัยช่องทางนี้หลอกลวงเงินจากประชาชน”

# Innovative Capitalism : ICO model



## Unbank the Banked with Ethereum

**Access**

No Bank Account Needed  
Nationally-Licensed Full Reserves

>

**Scalability**

Instant Settlement  
Low Cost

>

**Security**

Decentralized Currencies  
Decentralized Fiat Token Custody

# Innovative Capitalism : ICO model



## **Public**

### **(i) Sale [65.1% of OMG issued]**

The bulk of the OMG will be released in a sale, where they will be sold in exchange for up to a maximum of USD \$25 million equivalent.

### **(ii) Airdrop [5% of OMG issued]**

We will airdrop 5% of OMG tokens to ETH stakeholders, as a means to encourage incentive alignment with the Ethereum mainnet, with which the OmiseGO chain will have a symbiotic relationship, and which will promote the diversity and balance of our PoS network validators. Airdrop will take place after the closing of the crowdsale. It is by no means a way to solicit funding for the sales. Further information about airdropping can be found in the Explanatory Note & Governance Term.

## **Private**

### **(iii) OmiseGO reserve [20% of OMG issued]**

Directly released by the smart contract to OmiseGO for future costs and uses including use for network validation as part of the development and execution of the project. These OMG are locked through a smart contract function and may not be transacted by OmiseGO for a period of 1 year, starting at the end of the creation period.

### **(iv) Team [9.9% of OMG issued]**



# Innovative Capitalism : ICO model



**Joseph Poon**

Lightning Network Co-Author  
OmiseGO Principal Author



**Vitalik Buterin**

Founder of Ethereum  
Proof-of-Stake Research:  
Scalability, Safety, Privacy



**Dr. Gavin Wood**

Co-Founder of Ethereum,  
Founder of Parity & Polkadot  
Consensus Technology Research,  
Development and Utilization



**Jae Kwon**

Creator of Tendermint, and  
Cosmos Network  
Proof-of-Stake Research - BFT  
Consensus, Speed,  
Interoperability



**Vlad Zamfir**

Casper (Ethereum) Research Lead  
Proof-of-Stake Research:  
Economic Security, Consensus  
Protocols, Correct-by-  
Construction Protocols



**Martin Becze**

eWASM (Ethereum Web  
Assembly) creator  
Scalability research: eWASM,  
VM's, microkernels



**Julian Zawistowski**

Founder of Golem  
Decentralised Economics  
Enthusiast



**Prof. David Lee Kuo Chuen**

Professor of Quantitative Finance,  
Singapore University of Social  
Sciences  
Financial Inclusion, Microfinance



**Pandia Jiang**

Founder of LinkTime  
Community Relations, Crypto-  
Business Advisor



**Roger Ver**

CEO of bitcoin.com, First Major  
Backer of Earliest Crypto Startups  
Decentralization Advisor, Human  
Rights Advocate

# Innovative Capitalism : ICO model



TC News Startups Mobile Gadgets Enterprise Social Europe Trending Amazo

**DISRUPT SF** TechCrunch's flagship event begins next week - don't miss out [Get your tickets today](#)

omise  
initial coin offering  
ICOs

## The first ICO unicorns are here

Posted Aug 31, 2017 by [Jon Russell \(@jonrussell\)](#)

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- Social Capital to take startups public without an IPO *a day ago*
- Reid Hoffman on evolving product-market fit and sizing up talent *3 days ago*
- The promise of managing identity on the blockchain *5 days ago*
- Mercedes-Benz will electrify its entire car lineup



It was always likely to happen, but the speed in which the first ICOs worth more than \$1 billion have arrived is surprising.

Today both OmiseGO (OMG) and Qtum passed a \$1 billion market cap today, [according to coinmarketcap.com](#), a site that tracks the value of crypto tokens. In doing so, they

# Innovative Capitalism : ICO model




Secure https://www.aeternity.com

AETERNITY FAQ INNOVATION TEAM TECHNOLOGY BLOG WALLET GITHUB EN


**CONTRIBUTION CAMPAIGN STARTED**  
Get 700 AE tokens for 1 ETH until June 12, 13:05 GMT

**PHASE 2 IN PROGRESS!**  
Participate in the second and final phase of æternity's contribution campaign.  
[GO TO WALLET PAGE »](#)

**GET INVOLVED**  
The time is now! Join æternity and support the next evolutionary step in blockchain technology.  
[APPLY HERE »](#)

  
Scalable smart contracts interfacing with real world data.

[GET AE TOKENS](#) [Read Whitepaper](#)

  
æternity applications  
Wallet Market Exchange

OPEN



# Innovative Capitalism : ICO model

Starting from a savvy critique of the smart contracts of **Ethereum** and other modern platforms, it is born the new initiative of the self-proclaimed godfather of **Ethereum**, Yanislav Malahov, **Aeternity**, which seeks to integrate the best aspects of the main platforms into one **blockchain**. According to Malahov, he and Vitalik Buterin - founder of **Ethereum** - maintained labor exchanges for a development based on **blockchain** that later would decant in

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28	 Augur	\$189,922,700	\$17.27	11,000,000 REP *	\$789,027	-2.02%
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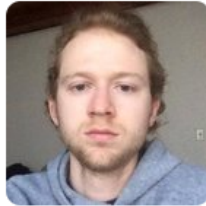


Malahov, along with **Augur's** ex-developer Zack Hess and computer maker Jack Pettersson, has decided to outbid **Ethereum** and other platforms such as *Namecoin*, *Truthcoin* and *Factom* with the creation of **Aeternity**. In the whitepaper of this new platform, they give account of all the advances made by these companies. However, they note that all have failed to unify all these benefits, also having deficiencies in governance issues, scalability, scripting, security or cheap access to the real-world data. The goal of **Aeternity** is to improve all these aspects.

# Innovative Capitalism : ICO model



^  
107



NEWS

[Zack\(creator\) of Aeternity on why he left](#) [github.com](#)

submitted 12 days ago by [mcmike313](#)

[114 comments](#) [share](#) [report](#)

ALL 114 COMMENTS

SORTED BY: BEST (SUGGESTED) ▼

[H]

^

[airmc](#)



[Moonbull](#)

[13 points](#) 12 days ago

Deary me, is this real? Surely it can't be real. I mean, no way, right?

... Right? Guys?

[permalink](#) [embed](#) [report](#)

[H]

^

[giricrak](#) [7 points](#) 12 days ago\*

I posted this below, posting here for some more info/perspective

Disclaimer: I did participate in Ae's ico.

Zack's reddit account is [/u/ agorism1337](#)

# Innovative Capitalism : ICO model



↑  
3  
↓



**cuckoo cycle mining** self.aeternity

Submitted 6 days ago by Lucifer1903

**5 comments** [share](#) [report](#)

↑  
3  
↓



**burning token** self.aeternity

Submitted 5 days ago by passerby\_me

**3 comments** [share](#) [report](#)

↑  
0  
↓



**aeternity now officially below ico price. press f to pay respects to this dead project** self.aeternity

Submitted 5 days ago by blueblarflubar

**27 comments** [share](#) [report](#)

↑  
4  
↓



**how long will you hold your aeternity bags?** self.aeternity

Submitted 6 days ago by CptFloates

**9 comments** [share](#) [report](#)

↑  
2  
↓



**sending ae to exodus wallet** self.aeternity

Submitted 6 days ago by passerby\_me

**2 comments** [share](#) [report](#)

# Cryptocurrency : bubble or homerun ?



JPMorgan CEO Jamie Dimon says bitcoin is a 'fraud' that will eventually blow up

<https://www.youtube.com/watch?v=FaJUO-saPOs>

- "It's worse than tulip bulbs. It won't end well. Someone is going to get killed," Dimon said.
- Bitcoin fell to trade around its session lows after Dimon's comments.
- Dimon's criticism comes at a time when some well-known figures on Wall Street are starting to embrace the cryptocurrency.

Fred Imbert | @foimbert

Published 1:27 PM ET Tue, 12 Sept 2017 | Updated 4:39 PM ET Tue, 12 Sept 2017



JPMorgan Chase CEO Jamie Dimon took a shot at **bitcoin**, saying the cryptocurrency "is a fraud."

# Cryptocurrency : bubble or homerun ?





# Cryptocurrency : bubble or homerun ?



**Kursdata för BITCOIN XBT (BITCOIN XBT)**

Aktiekurs    Handla    Bolagsfakta    Aktiehistorik    Nyckeltal

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**BITCOIN XBT** 21:41:00

Marknad	Senast	Köp	Sälj	Högst	Lägst	+/-	%	Antal	Omsatt	Valuta	Tid
Nasdaq Stockholm AB	145,19	0,00	0,00	146,99	110,61	6,80	4,91	760 197	94 812 324	SEK	18:00

---

**ORDERDJUP**

Antal	Pris	Köp	Sälj	Pris	Antal
0	0,00			0,00	0

**SENASTE AVSLUTEN NASDAQ STOCKHOLM AB**

Köpare	Säljare	Antal	Betalt	Tid
<a href="#">Goldman Sachs Internat</a>	<a href="#">Flow Traders B.V.</a>	506	145,19	17:24:13
<a href="#">Flow Traders B.V.</a>	<a href="#">Timber Hill Europe AG</a>	550	143,05	17:24:10
<a href="#">Goldman Sachs Internat</a>	<a href="#">Avanza Bank AB</a>	163	144,00	17:24:10
<a href="#">Flow Traders B.V.</a>	<a href="#">Timber Hill Europe AG</a>	500	142,96	17:24:10
<a href="#">Flow Traders B.V.</a>	<a href="#">Avanza Bank AB</a>	105	142,96	17:24:08

Dagens alla avslut

---

Idag    1 v.    1 mån.    3 mån.    1 år    1 år    3 år    5 år    Allt

10:00    12:44    15:35

**HISTORISK UTVECKLING**

	%	HÖGSTA	LÄGSTA
1 v.	-21,87	176,95	138,25
1 mån.	-12,61	195,12	138,25
3 mån.	44,92	195,12	84,19
1 år	199,90	195,12	34,83
1 år	447,96	195,12	24,83
3 år	*	*	*
5 år	*	*	*

*\* Utvecklingen kan inte beräknas för angivet intervall.*

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**SENASTE NYHETER OCH PRESSMEDDELANDE**

Det finns inga nyheter om denna aktie.

**MÄKLARSTATISTIK**

Mäklare	Köpt	Sålt	Netto	Internt
<b>Mest köpt</b>				
<a href="#">Morgan Stanley &amp; Co. Intl. I</a>	165786	7633	158153	1200
<a href="#">Nordnet Bank AB</a>	159868	134060	25808	31514
<a href="#">Avanza Bank AB</a>	180874	167015	13859	46607
<a href="#">JP Morgan Securities Ltd.</a>	19102	9916	9186	0
<a href="#">Credit Suisse Securities Eur</a>	9254	2577	6677	838
<b>Mest sålt</b>				
<a href="#">Timber Hill Europe AG</a>	47396	152641	-105245	2833
<a href="#">Flow Traders B.V.</a>	86040	149257	-63217	0
<a href="#">Barclays Capital Securities I</a>	6654	52757	-46103	0
<a href="#">HSBC Bank plc</a>	17906	38927	-21021	0
<a href="#">Den Danske Bank</a>	835	2895	-2060	0

⚡ Visa fler

BOUGHT MOST →


JP Morgan Securities Ltd.

# Cryptocurrency : bubble or homerun ?




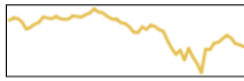










865 Currencies / 244 Assets / 5508 Markets    Market Cap: **\$121,564,797,361** / 24h Vol: **\$5,385,085,872** / BTC Dominance: **48.5%**

## CryptoCurrency Market Capitalizations

Market Cap ▾ Trade Volume ▾ Trending ▾ Tools ▾     

All ▾ Currencies ▾ Assets ▾    **USD ▾**    Next 100 → View All

#	Name	Market Cap	Price	Circulating Supply	Volume (24h)	% Change (24h)	Price Graph (7d)
1	 Bitcoin	\$58,918,179,420	\$3555.73	16,569,925 BTC	\$2,153,630,000	0.31%	
2	 Ethereum	\$22,972,069,949	\$242.69	94,656,412 ETH	\$867,274,000	0.36%	
3	 Bitcoin Cash	\$6,972,771,624	\$420.42	16,585,213 BCH	\$338,261,000	4.71%	
4	 Ripple	\$6,780,686,655	\$0.176839	38,343,841,883 XRP *	\$105,461,000	-1.37%	
5	 Litecoin	\$2,549,198,911	\$48.14	52,959,032 LTC	\$688,505,000	2.77%	
64	 ZCoin	\$19,383,777	\$6.46	3,002,574 XZC	\$1,182,580	-2.46%	

# Cryptocurrency : bubble or homerun ?



# Cryptocurrency : bubble or homerun ?



# Cryptocurrency : bubble or homerun ?



Charts Markets Social Tools Historical Data

## ZCoin Charts

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

From Oct 6, 2016 To Sep 16, 2017



# Cryptocurrency : bubble or homerun ?



## Yacoin Charts



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

From Jun 9, 2013 To Sep 16, 2017





# Q&A

Questions and answers session