



mysterium
network

What game are You going to play in Blockchain

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Valdas Petrulis

- Golang / PHP / JAVA Engineer
- Backend and Devops
- Past in Fintech, Lamoda.ru, Bigbank.eu
- Now Co-Founder at
www.mysterium.network



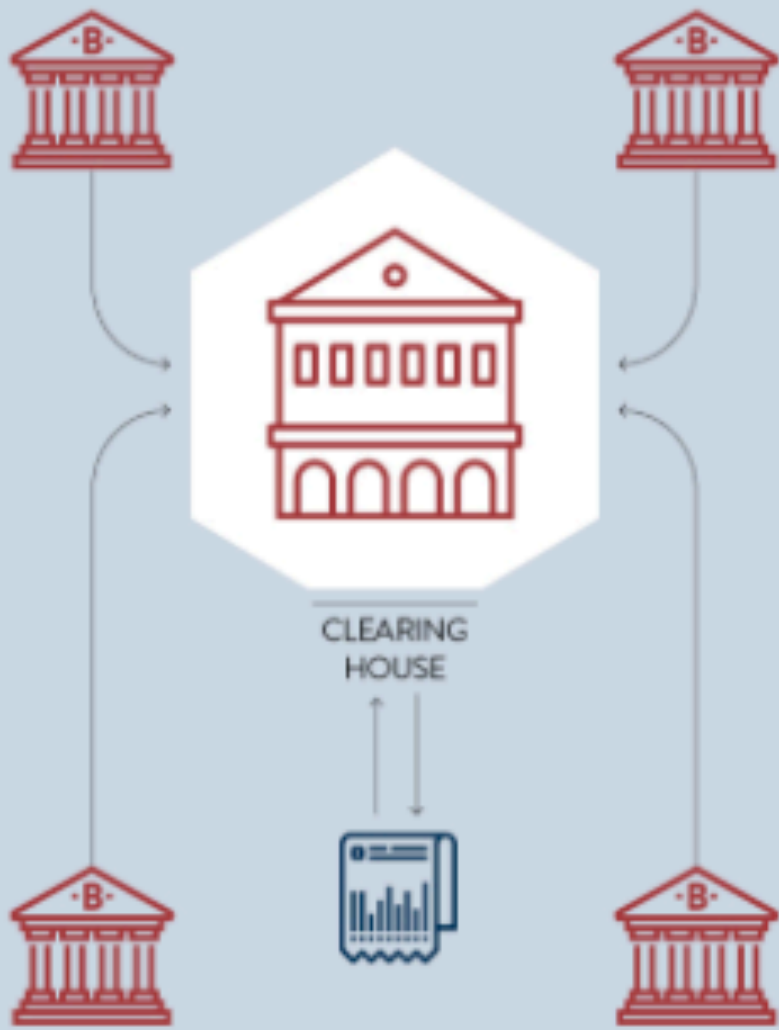
Blockchain? WTF?

- It's distributed database
- It's public database
- Used to maintain a continuously growing list of records, called blocks
- Distributed thru many machines
- Consensus voting

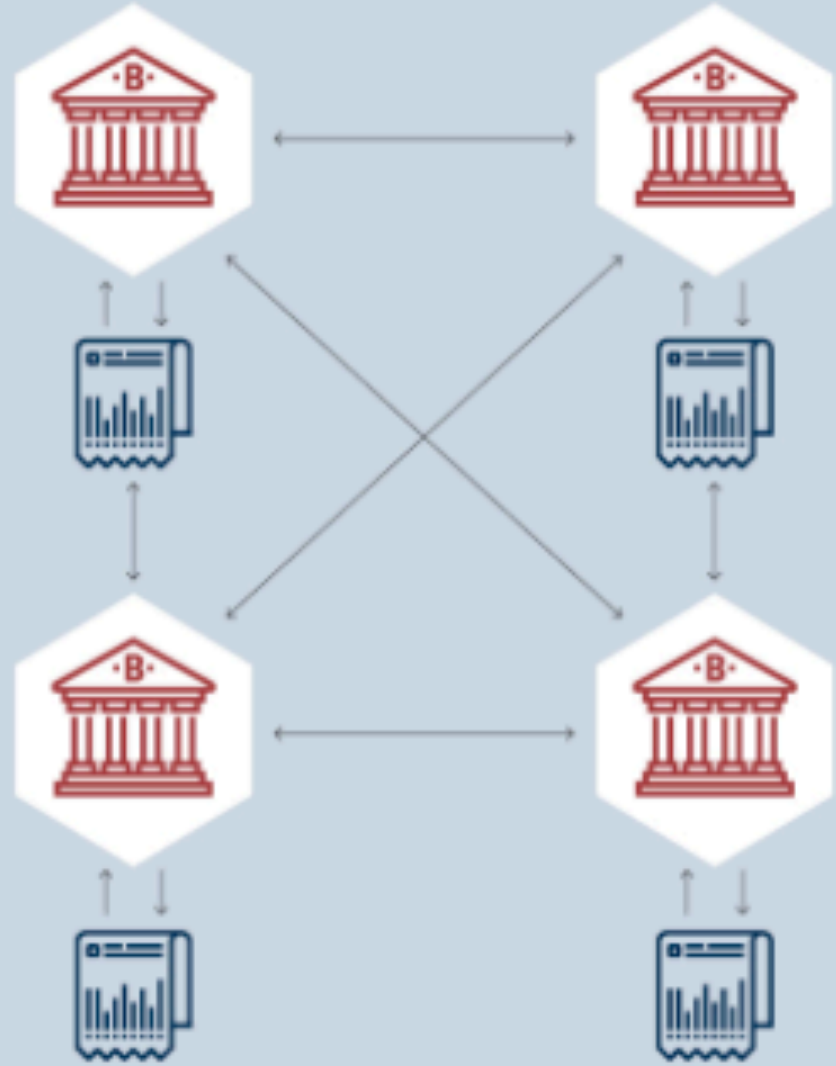
CENTRALISED OR DISTRIBUTED LEDGER?

A DISTRIBUTED LEDGER IS A NETWORK THAT RECORDS OWNERSHIP THROUGH A SHARED REGISTRY

CENTRALISED LEDGER



DISTRIBUTED LEDGER



Bitcoin is transaction database

- Digital payment system
- Bank for all the globe
- No Central Bank authority
- No regulations
- Cheap fees (81M\$ for 0.04\$)
- Opensource

Ethereum? WTF?























- Distributed transaction database
- 15x faster
- Distributed scripts
- Smart Contracts:
 - your business logic
 - programmable digital agreements
 - e.g. legal contracts
 - unchangeable

Ethereum is hyping



A virtual currency called Ether has been growing alongside Bitcoin in the last year to \$35 billion, compared with Bitcoin's \$43 billion.

www.coinmarketcap.com - 1017 platforms

| | | | | | | | |
|----|----------------------------------------------------------------------------------------------------|------------------|------------|-----------------------|---------------|---------|---------------------------------------------------------------------------------------|
| 1 |  Bitcoin | \$44,664,596,500 | \$2710.80 | 16,476,537 BTC | \$940,034,000 | -3.52% |  |
| 2 |  Ethereum | \$17,282,166,948 | \$184.56 | 93,639,322 ETH | \$559,650,000 | -5.02% |  |
| 3 |  Ripple | \$6,100,366,383 | \$0.159141 | 38,333,090,674 XRP * | \$63,116,500 | -9.64% |  |
| 4 |  Litecoin | \$2,065,851,698 | \$39.56 | 52,219,532 LTC | \$105,656,000 | -2.85% |  |
| 5 |  NEM | \$1,462,645,000 | \$0.162505 | 8,999,999,999 XEM * | \$2,770,620 | 0.21% |  |
| 6 |  Dash | \$1,305,919,394 | \$175.17 | 7,455,197 DASH | \$34,425,700 | -4.88% |  |
| 7 |  Ethereum Classic | \$1,280,550,737 | \$13.62 | 94,017,807 ETC | \$45,116,400 | -3.67% |  |
| 8 |  IOTA | \$723,638,591 | \$0.260346 | 2,779,530,283 MIOTA * | \$2,310,880 | -2.06% |  |
| 9 |  Monero | \$640,627,680 | \$43.12 | 14,855,582 XMR | \$12,713,000 | -1.05% |  |
| 10 |  Stratis | \$464,640,006 | \$4.72 | 98,482,087 STRAT * | \$10,423,300 | 6.40% |  |
| 11 |  EOS | \$423,815,298 | \$1.70 | 248,982,368 EOS * | \$39,053,900 | -10.72% |  |

* Not Mineable

** Significantly Premined

[Next 100 →](#) [View All](#)

Total Market Cap: \$86,652,665,063

Blockchain “games”

- Crypto currency trading
- Crypto currencies mining
- Crowdfunding via Initial Coin Offering ICO
- Contributing to community
- Open source projects
- Changing world, empowering people

www.coinmarketcap.com - Market sizes



Golem (GNT)

\$0.218663 (-9.48%)

⚡ Buy / Sell Instantly

0.00007881 BTC (-8.97%)

0.00118319 ETH (-1.62%)

- [Website](#)
- [Explorer](#)
- [Announcement](#)
- ★ Rank 28
- 📌 Asset

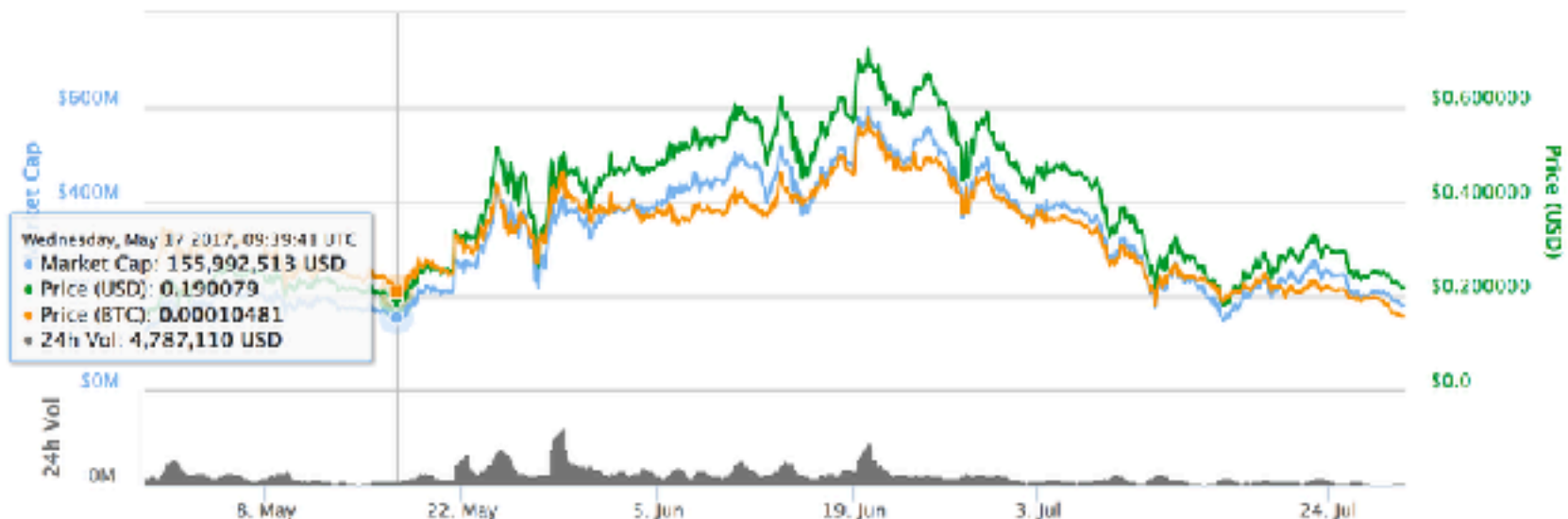
| Market Cap | Volume (24h) | Circulating Supply | Total |
|---------------|--------------|--------------------|-------|
| \$182,153,276 | \$2,373,050 | 833,032,000 GNT | 1,00 |
| 68,488 BTC | 886.20 BTC | | |
| 985,635 ETH | 12,841 ETH | | |

[Charts](#) [Markets](#) [Social](#) [Tools](#) [Historical Data](#)

Golem Charts

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

From Apr 29, 2017



www.coinmarketcap.com - Market history



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Charts Markets Social Tools Historical Data

Golem Charts



Game: Crypto-currency trading

- Deposit fiat money:
 - www.cex.io
 - www.bitstamp.net
- Pas Anti Money Laundering checks
- Go to Exchanges:
 - www.bittrex.com
 - www.liqui.io
 - www.bitshares.org (Distributed)
 - www.poloniex.com
 - www.kraken.com

Bidding in exchanges



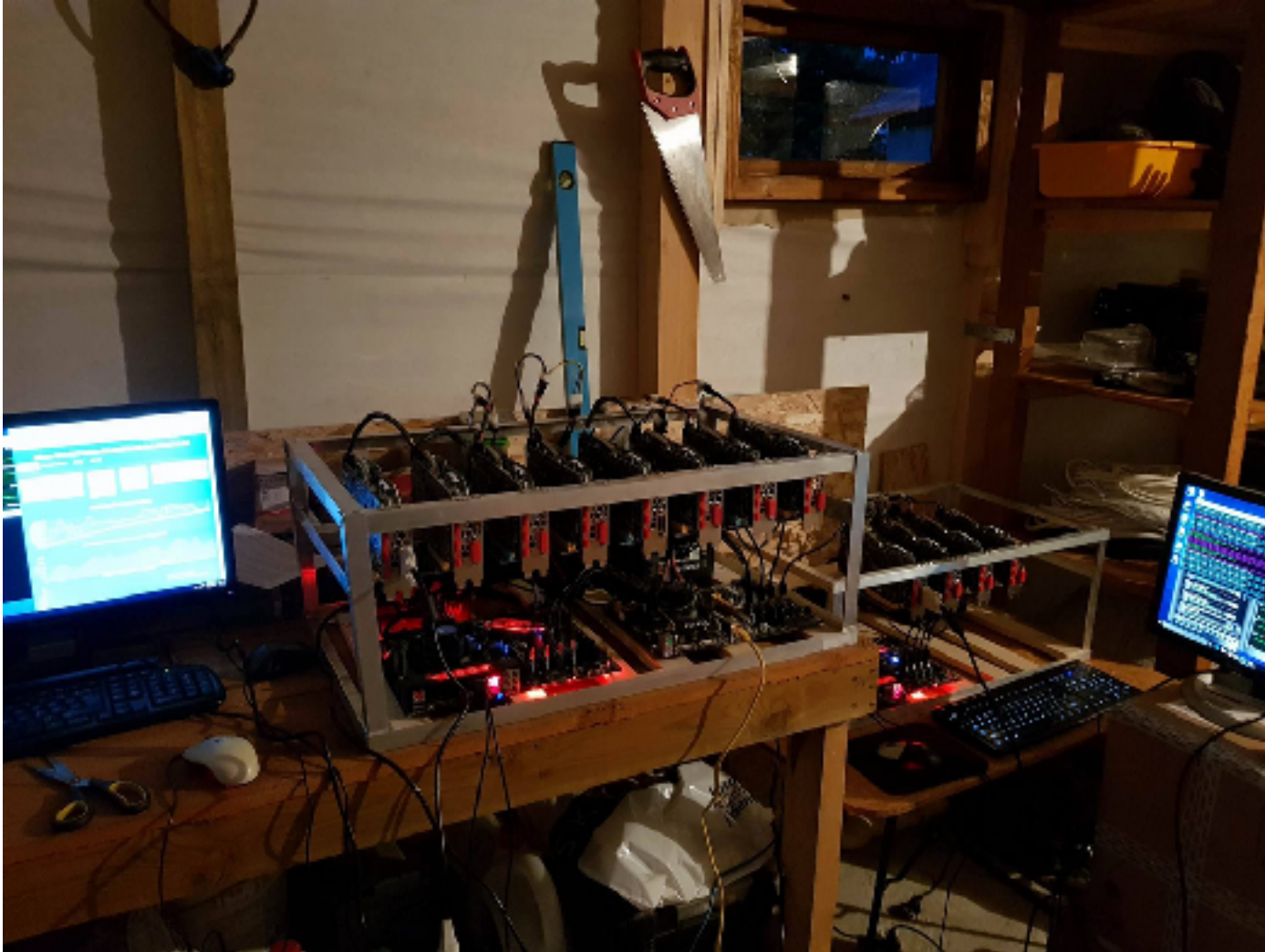
Trading Strategies

- HODL - spent 200-1000€ and wait 1year
- Short term buy & sell
- Shorting (earn from dropping price)

Game: Crypto-currency mining

- Proof of work
 - ethereum.org = Rent computing power
 - storj.io - Rent disk storage
 - mysterium.network - Rent network
- Use mining pool
 - www.ethermine.org
 - Claymore

Game: Crypto-currency mining



Game: Crypto-currency mining

- **Expenses:**

- Motherboard
- Power supply unit
- 6 (Radeon 12 rx 5704gb)
- -1500\$ Hardware
- -30 \$/month electricity bill

- **Income**

- +1.5 ETH = +300-400 \$/month
- 4-5 months break even
- 19 months pure profit

Game: Crowdfunding via ICO

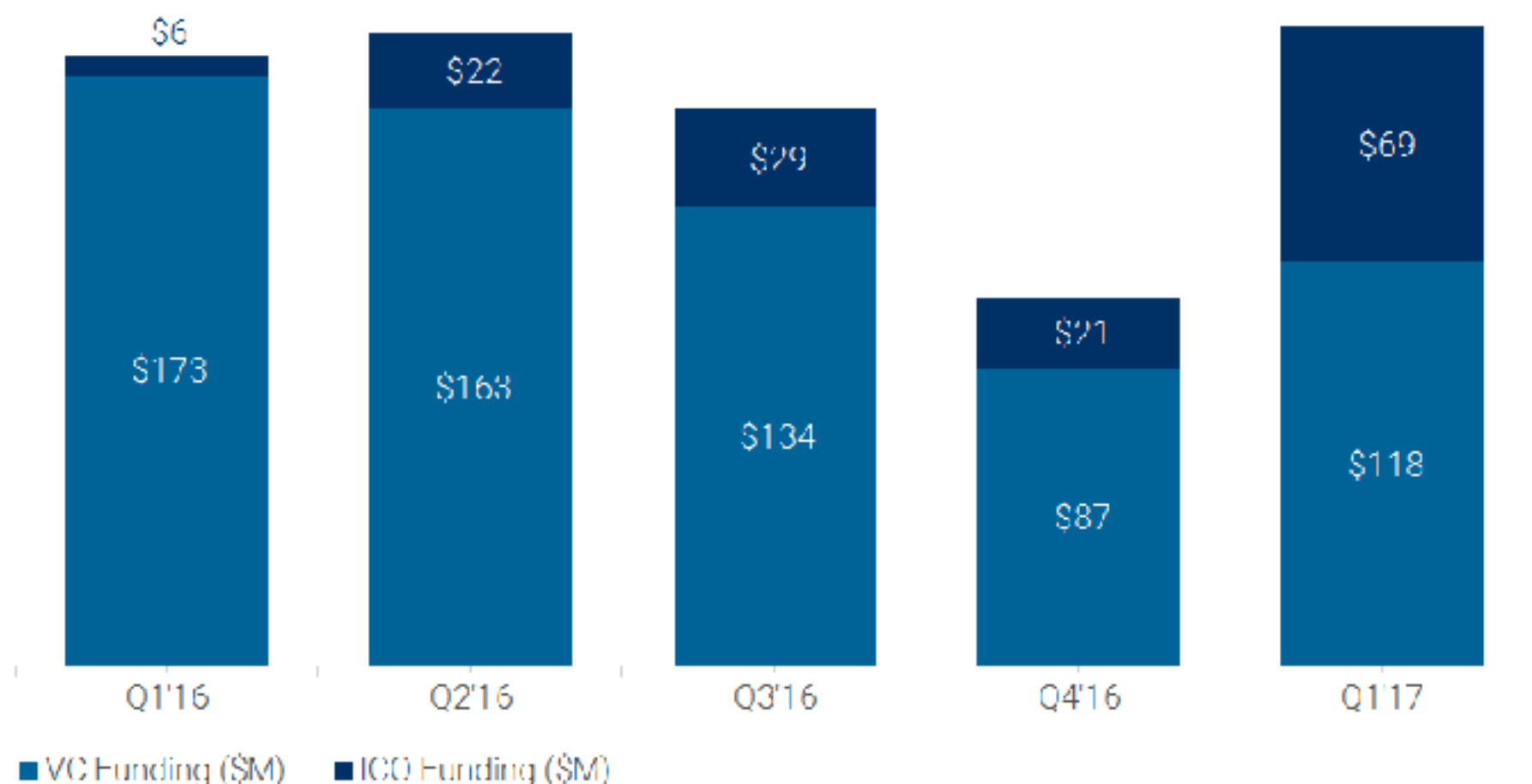
- Issue your new token
- Marketing for 2000-3000 people
- 3000 \$/investor = 12B
- [edgeless.io](#) LT 5 M\$
- [golem.network](#) 8 M\$
- [mysterium.network](#) LT 14 M\$ in 30mins
- [basicattentiontoken.org](#) 30M\$ in 5mins
- [www.tezos.com](#) 198 M\$





VC vs ICO BLOCKCHAIN FINANCING HISTORY

Q1'16 - Q1'17



ICO funding data does not include \$150M DAO (Q2'16).

ICO data is from TokenMarket and Smith + Crown.

Game. Contributing to community

- Translate architectural whitepaper
- Moderate chats and forums
- Publish PR (articles/videos/tweets/news)
- Early software testing
- e.g. Mysterium VPN node runners:
 - 200 MYST/month for 1 server
 - 6000-16000 MYST/month for server farm

Game. Open source projects

- Code what You love and get paid
- Do CIVIC projects
- e.g. **Mysterium.network** culture:
 - in-house hiring
 - open-source contributors

Game. Empowering People

- Empowering people
- Peer-to-peer software
- Distributing profit big players -> people
- Distributing power to more people

Questions?

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- valdas@mysterium.network