

# BITCOIN FUTURE

UNDERSTANDING THE BASICS OF CRYPTOCURRENCY



# What we will do today?

What is Bitcoin and Cryptocurrency and how does it work?

What is a Blockchain and why is it important?

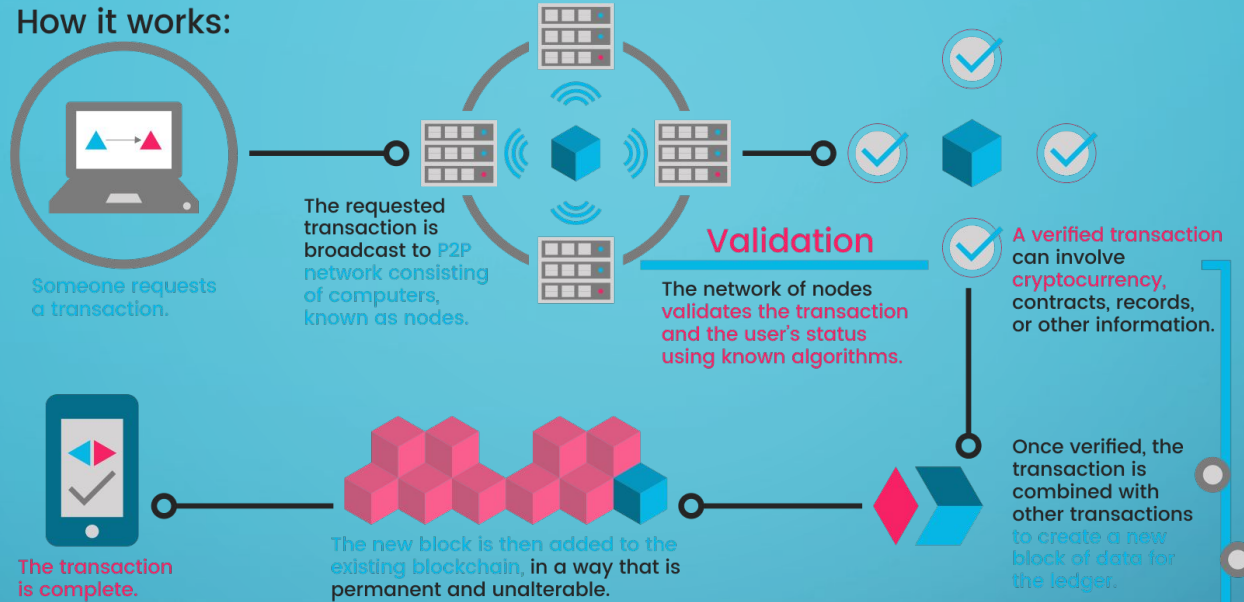
What is “mining”?

How can I participate in Cryptocurrency Markets? Is it risky, expensive, etc.?

What Masha and I are doing and some others.

Discussion in Groups

## How it works:



## Cryptocurrency

Cryptocurrency is a medium of exchange, created and stored electronically in the blockchain, using encryption techniques to control the creation of monetary units and to verify the transfer of funds. Bitcoin is the best known example.



Has no intrinsic value in that it is not redeemable for another commodity, such as gold.



Has no physical form and exists only in the network.



Its supply is not determined by a central bank and the network is completely decentralized.

# BLOCK CHAIN



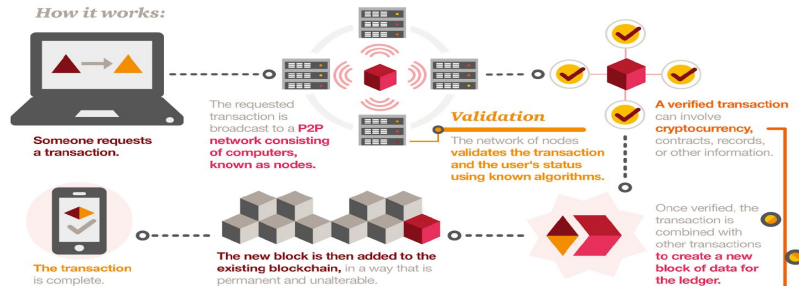


# A look at *blockchain technology*

## What is it?

The **blockchain** is a decentralized ledger of all transactions across a peer-to-peer network. Using this technology, participants can confirm transactions without the need for a central certifying authority. Potential applications include fund transfers, settling trades, voting, and many other uses.

## How it works:



## Benefits

- Increased transparency
- Accurate tracking
- Permanent ledger
- Cost reduction

## Unknowns

- Complex technology
- Regulatory implications
- Implementation challenges
- Competing platforms

## Cryptocurrency

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## Potential applications



### Automotive

Consumers could use the **blockchain** to manage fractional ownership in autonomous cars.



### Financial services

**Faster, cheaper settlements** could shave billions of dollars from transaction costs while improving transparency.



### Voting

Using a **blockchain code**, constituents could cast votes via smartphone, tablet or computer, **resulting in immediately verifiable results**.

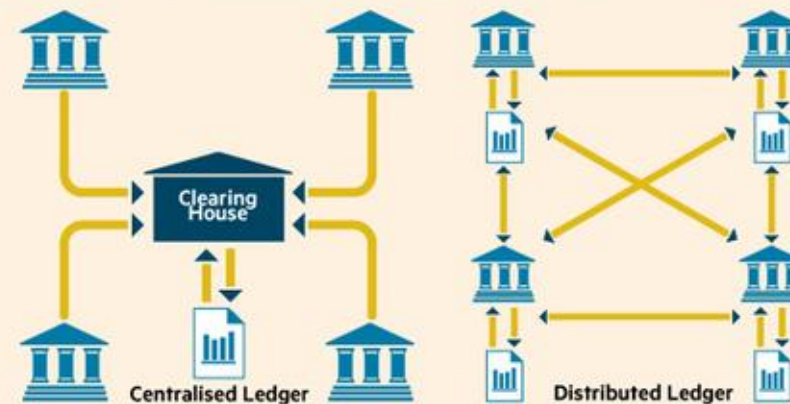


### Healthcare

**Patients' encrypted health information** could be shared with multiple providers without the risk of privacy breaches.

## Embedding distributed ledger technology

A distributed ledger is a network that records ownership through a shared registry



In contrast to today's networks, distributed ledgers eliminate the need for central authorities to certify ownership and clear transactions. They can be open, verifying anonymous actors in the network, or they can be closed and require actors in the network to be already identified. The best known existing use for the distributed ledger is the cryptocurrency Bitcoin

FT graphic. Source: Santander InnoVentures, Oliver Wyman & Anthemis Partners



## THE BITCOIN MINING SAGA - PART I

By Patrícia Estevão

### What is Bitcoin Mining?

It's a decentralized computational process that serves 2 purposes:

1.



Confirms transactions in a trustful manner when enough computational power (effort) is devoted to a block

2.



Creates (issues) new bitcoins in each block



# Exchanges – Where you go to buy Bitcoin and other Cryptocurrency



**CoinsBank**  
Blockchain bank of the Future

CoinsBank is your «all-in-one» gateway  
to blockchain services



Wallet



Cards



Exchange



Merchant




Charts



Mobile App



Bitcoin			◀ REQUEST COINS	▶ SEND COINS	📷 SCAN	≡ FILTER	⋮
UGX	rate	708.41	mBTC <b>477.06</b>				
	balance	337952.50					
USD	rate	0.24	≈ USD 112.44				
(default)	balance	112.44					
UYU	rate	6.17					
	balance	2944.04					
UZS	rate	593.90					
	balance	283322.42					
VEF	rate	1.50					
	balance	713.64					
VND	rate	5112.73					
	balance	2439059.32					
VUV	rate	25.04					
	balance	11945.69					
			● Apr 30 1CQh RcTg c4KA MFFB xDdY vYNA rfnJ ... - 4.20				
			● Apr 22 1Nmb NWQ3 9hNr mdYF NNvw dqdg mmmm... - 21.29				
			● April 21, 15:18 18CK 5k1g ajRK KSC7 yVST XT9L Uzbh eh1X Y4 + 6.26				⋮
			● Apr 17 18CK 5k1g ajRK KSC7 yVST XT9L Uzbh... + 13.09				
			● Apr 17 18CK 5k1g ajRK KSC7 yVST XT9L Uzbh ... + 1.00				



## Online “Hot Wallets”





\$39.02 USD

Portfolio

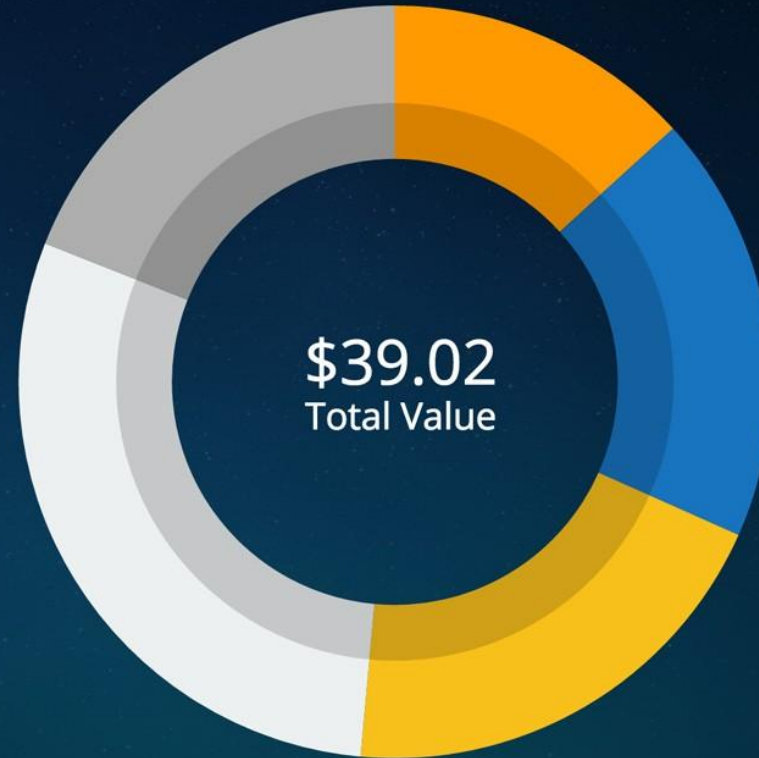
Wallet

Exchange

Backup

Settings

Help



Bitcoin 13%

\$5.17

Dash 18%

\$7.19

Dogecoin 20%

\$7.72

Ethereum 30%

\$11.53

Litecoin 19%

\$7.41

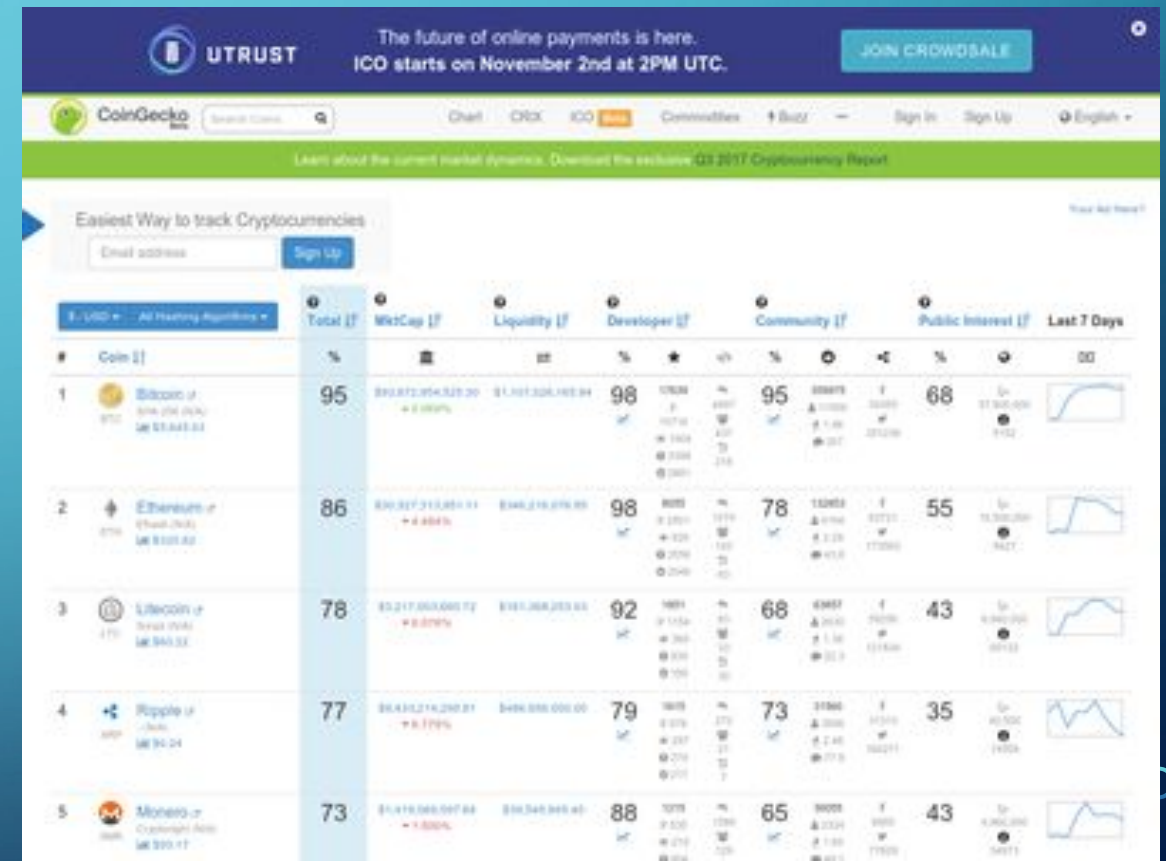
## Physical “Cold Wallets”





## Some Useful Sites and Tools

- CoinGecko
- Coinbase/GDAX
- Telegram Channels
- Igor and Dima
- Jerry and Masha



# What Masha and I are Doing

5000 Euros in USI-Tech



5000 Euros in Bitcoin



All Other Savings in the Bank



Approximately 1% Return per Day Monday – Friday for 140 days



iPad 00:14 57%  
debs3620.usi-tech.info

USI TECH

English Deborah Battle

Instructions

STATS

Members

Member Detail

Payment History

Account Settlement

28eb6d626cf	24-06-2017	approved	Rebuy	1	0.02069 BTC	13	0.00264 BTC	12.76%
9eae21f4356	24-06-2017	approved	Wallet	1	0.02177 BTC	13	0.00278 BTC	12.77%
18aa3dcd579	25-06-2017	approved	Rebuy	1	0.02166 BTC	13	0.00277 BTC	12.79%
6c4ccb28409	26-06-2017	approved	Wallet	2	0.04553 BTC	13	0.00583 BTC	12.80%
ff14ce039dc	26-06-2017	approved	Rebuy	1	0.02387 BTC	13	0.00304 BTC	12.74%
ce2ecab64a0	03-07-2017	approved	Wallet	2	0.04443 BTC	8	0.00361 BTC	8.13%
599e822c973	07-07-2017	defaulter	Wallet	0	0 BTC	0	0.00000 BTC	-
94e4e8f06b1	10-07-2017	approved	Rebuy	3	0.07095 BTC	3	0.00237 BTC	3.34%
4167307d90e	11-07-2017	approved	Wallet	1	0.02461 BTC	2	0.00053 BTC	2.15%

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24/7 Support

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*Handwritten notes: "days" with an arrow pointing to the date column, and "Interest" with an arrow pointing to the percentage column.*



It isn't perfect or guaranteed, but it is consistent.

iPad 00:14 57%

debs3620.usi-tech.info

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BTCPACKAGES

Setting Shop Software/License Shop Rebuy Packages Withdraw Commission Reports Unit-Level Detail MY DOWNLINE 3x3 Matrix Tree View Stats Direct Partners CODED-BONUS Levels

Package Id	Date	Status	Method	Qty	Amount	Run Time	Payout	Payout(%)
6e04a9e1fca	03-05-2017	defaulter	Wallet	0	0 BTC	0	0.00000 BTC	-
8bdf7f008e3	05-05-2017	approved	Wallet	1	0.03393 BTC	49	0.01526 BTC	44.97%
59d882354a4	08-05-2017	approved	Rebuy	1	0.03415 BTC	48	0.01499 BTC	43.89%
842f67bcf3f	13-05-2017	approved	Wallet	1	0.03216 BTC	43	0.01257 BTC	39.09%
e857cbe57c3	16-05-2017	approved	Rebuy	1	0.03139 BTC	42	0.01194 BTC	38.04%
857a9aecc25	16-05-2017	defaulter	Wallet	0	0 BTC	0	0.00000 BTC	-
1727862c3d6	24-05-2017	approved	Rebuy	1	0.02275 BTC	36	0.00752 BTC	33.05%
c9adaacab7d	09-06-2017	approved	Rebuy	1	0.02011 BTC	24	0.00454 BTC	22.58%
67491641b7b	09-06-2017	approved	Wallet	2	0.03906 BTC	23	0.00847 BTC	21.68%
552d95645f5	10-06-2017	approved	Wallet	1	0.01924 BTC	23	0.00418 BTC	21.73%
5033c3ee19e	18-06-2017	approved	Rebuy	1	0.02109 BTC			

24/7 Support

## Reasons We Like USI Tech

- Consistent Payments on Our Investment
- Better than bank interest
- Creates a hedge against Bitcoin price fluctuations
- Don't need a huge investment
- Commissions for Referrals (10% immediate in Bitcoin)
- Tech company investing in mining and energy efficiency technology

It's FREE to register and look over.

<https://jrbyers.usitech-int.com/enrollment.html>

## Discussion Topics

1. What do you think about this new age of electronic currency?
2. Is it scary or exciting? Both? Why or why not?
3. Do you or people you know own any cryptocurrency? What is your/their experience?
4. Do you trust Central Banks more than cryptocurrencies? Why or why not?