

FIRST STAGE

'Unbanking the banks'

Autonomous currency to counter fractional reserve banking and fiat inflation. Created after GFC.

2013 - Mastercoin MSC
The 'Second Bitcoin Whitepaper' created a protocol layer now known as Omni Layer to build smart contracts within the Bitcoin ecosystem.



2009 - Bitcoin BTC
"The Times 03/Jan/2009 Chancellor on brink of second bailout for banks" - be your own bank with 'digital gold.'

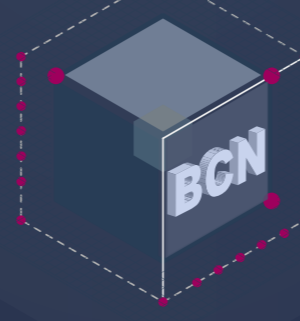
2011 - Litecoin LTC
Bitcoin fork with faster block times and higher throughput - the 'digital silver' to bitcoin

SECOND STAGE

Privacy coins advancing darknet

"Swiss style banking" for everyone.

2014 - Dash DASH
A Bitcoin fork that uses a modified version of CoinJoin, launched as Xcoin rebranded to Darkcoin and later Dash.



2012 - Bytecoin BCN
Not a Bitcoin fork and uses the unique algorithm CryptoNight. Monero (XMR) forks from BCN in 2015.

2016 - ZCash ZEC
Based on Bitcoin code, introduces Zero-knowledge proof (zk-SNARKS).

THIRD STAGE

More efficient cryptography/ algorithms

Proof-of-stake etc. avoid PoW mining.

2013 - Primecoin XPM
More efficient mining using prime numbers.



2012 - Peercoin PCC
First hybrid PoS/PoW coin improving transaction and energy efficiency.

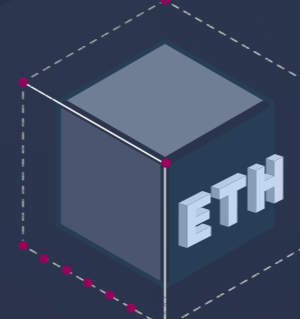
2013 - NXT
PoS application platform with fixed supply of NXT and no mining. Other coins built on top.

FOURTH STAGE

App coin revolution

Adding utility, Dapps, DEX's and ICOs.

2016 - Waves WAVES
'Evolution' of NXT, with built in DEX and ability to issue custom coins.



2014 - Ethereum ETH
Adding Turing completeness with native language for Ethereum virtual machine 'world computer'.

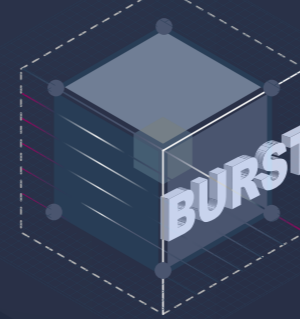
2014 - Antshares NEO
The 'Chinese Ethereum' building the smart economy with smart contracts.

FIFTH STAGE

Scalability for IOT

Directed Acyclical Graphs (DAGs), blockchain alternatives for higher throughput.

2016 - Hashgraph
Unique consensus algorithm. Ambitions for 1m tx per second/ IOT micro-transactions.



2014 - Burstcoin BURST
Dubbed the 'Linux of blockchain' it is a hybrid technology: the first layer a blockchain with graphs built upon it.

2015 - IOTA IOTA
The Tangle for IOT micro-transactions. Attempts to create own consensus algorithm.

SIXTH STAGE

DAOs and on-chain governance

To improve voting on protocol updates and take human error out of process.

2017 - Tezos XTZ
Self-evolving code, yet to be implemented, coin-holders vote on protocol updates.



2016 - The DAO
First self-organizing autonomous venture capital fund built on ERC-20, decentralized business model.

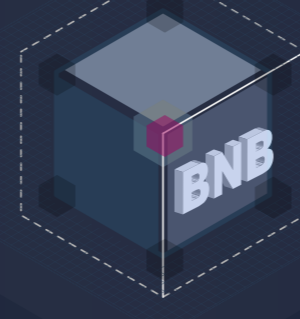
2016 - Decred DCR
Hybrid PoW/PoS 'Bitcoin alternative' first crypto to change protocol through on-chain vote.

SEVENTH STAGE

Trade mining/ exchange tokens

Incentivising trading and speculating.

2018 - Huobi Token HT
Replicates Binance model with reduced fees, voting rights and distribution of profits.



2017 - Binance Coin BNB
Encourages trading with fee rebates, membership bonus, ICO access and community voting.

2018 - Fcoin FT
Asian exchange starts "transaction-mining boom"; tokens awarded to users the more they trade, fabricating volumes.

EIGHTH STAGE

Fiat stablecoins for trading expediency

Enticing institutional investors with stable fiat-backed crypto.

2018 - Gemini Coin GUSD
Institutional grade/regulated USD stablecoin.



2014 - Tether USDT
First US stablecoin built on Omni layer - "backed 1:1 with USD".

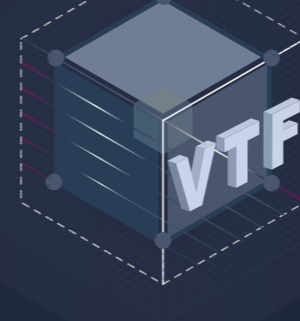
2017 - True USD TUSD
More transparent version of Tether built on ERC-20.

NINTH STAGE

Security tokens STOs

The ICO for accredited investors, tokenized equity.

2019 - TZero
Overstock.com's security token exchange more transparent/ efficient trading.



2018 - VTF
Verified Token Framework released to allow for Security Token Interoperability and advance the STO market.

2017 - 0x ZRX
The 0x protocol allows DEX trading of Ethereum-based tokens, teams with Harbor security token platform.