



*bitcoin***black**

Bitcoin Black is a community project.  
As a community let's expand on this whitepaper turn this Whitepaper into a Book.  
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## Bitcoin Black Whitepaper 2.3.3

### 1.0 Summary

Bitcoin Black aims to be the cryptocurrency of the people, by the people for the people. Bitcoin Black's intention is to be adopted for use as a p2p payment system which gives the power back to the people.

Bitcoin has failed at this, the true value comes from actual use of the ecosystem and giving power back to the people.

Bitcoin transactions are slow and expensive, and it can be argued Bitcoin is somewhat centralized.

The main reason people participate in the bitcoin ecosystem is as price speculators to get rich quick and ride the bull to the moon, putting away some Bitcoin in hope of \$1,000,000 Bitcoin in years to come.

This is far from what cryptocurrency is intended for.

More importantly than financial gain Cryptocurrency can be used as a tool of liberation.

Bitcoin is in a cycle which will discourage people from cryptocurrency and remove the hope of cryptocurrency being an ecosystem for the people, making it seem like an enemy as the majority of people enter at the wrong time due to the media, in turn makes them hate Bitcoin and cryptocurrency in general.

Bitcoin takes power from the people as it's heavily manipulated and through cycles which discourages participants from cryptocurrency in general.

Blockstream owns bitcoin and bitmain and affiliate mining pools control over 50% of the hashing power. These two facts make Bitcoin worthless.

If distribution is done correctly, and only in this case cryptocurrency used as money can change the world.

The intention isn't to get rich quick, it is to give the power back to the people and have a more efficient transfer of value, a more convenient payment system, a faster payment settlement, a way for a merchant to receive money with no need for a 3-rd party being involved, a way for local businesses to accept payment without fees, a way to pay your friend money , a way to transfer money across the globe without fees, a way to make payments simple, a way for people to have complete control of their money.

People are buying bitcoin to get rich from it, not to be involved in the ecosystem.

The 1% elite of bitcoin are taking advantage of this and are creating layers of discouragement, by strategically raising the price and enticing entry for the dream of riches and dumping coins for their benefit. In fear of adoption.

Bitcoin is completely controlled, suppressed, pumped and manipulated at will, for many different reasons.

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## 1.1 Introduction

The most obvious use case for the blockchain is what is known as money.

P2P electronic cash:

A peer to peer payment system which is completely decentralized that giving the power back to the people.

No need for a 3<sup>rd</sup> party to be involved.

A way merchants can accept payments directly from consumers without fees or long processing times.

A way to move money across borders and countries simply and free without permission from any corporation and a way for business's to run locally.

The main focus of the project is distribution.

From 30/06/ 2017 until 30/06/2018 it's clear of the manipulation present in the cryptospace.

With an initial distribution spread out vastly it is difficult for manipulation to enter and control the market.

Currently projects in the cryptospace ignore the importance of distribution and decentralization.

Most cryptocurrencies focussed on a payment system hold most of the coins and in a way try to create a different centralized (by ownership) payment system. Similar to creating a different bank forgetting about true decentralization and ignoring the importance and need of giving power back to the people.

Mass adoption can only be reached through incentivizing introductions and incentivizing merchant adoption.

How many times have you mentioned to peers about cryptocurrency and receive a blank stare? Get rewarded to do this, give them some coins for free and they will be interested.

Who will be rewarded most?

The people who share the word and spread the news far and wide. Educating peers and helping to give the power back to the people.

The time has come for cryptocurrency to progress to stage 2.

## 1.2 Keys to Success

Maintaining at least 10% monthly growth rate.

A p2p currency intended for world wide adoption must be fee free, instant and and scalable.

A focus on simplicity.

Multilingualism execution.

Foundations set up and managed correctly.

Not allowing suppression and manipulation to enter.

Community members involved without the intention to get rich quick overnight (should

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understand the importance of the project and the need for it), should be aware it's about participation and improvement in the ecosystem (through education).

Airdrop to be simple enough for everybody to get involved.

Airdrop security to be strong enough to not allow an individual to claim multiple times and completely eliminate the potential for mass abuse.

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### 2.0 Current issues with Blockchain and Bitcoin

#### 2.1 Centralization

Initial distribution should be fair and understood in years to come.

Mining creates centralization and needs to be eliminated completely.

Companies behind the project are a weakness that need compliance with SEC and other government bodies to progress forward and have their natural growth which can be much more easily hindered and can not evolve as quickly as a decentralized community based project. In time many projects will come across new regulations that they need to comply with and this will halt their growth.

Teams with large percentage of supply regardless of the technology cannot be a market leader.

The solution to scaling (lightning network) will make bitcoin more of a banking ecosystem relying on commercialize lightning networks which will lead to further centralization

Bitmain and affiliate mining pools control over 50% of the hashing power.

Blocksteam should have no role in the core development of Bitcoin as it renders the concept useless.

#### 2.2 Scalability

Current blockchains simply don't scale.

Bitcoin's solution is lightning network which is years away from completion. With lightning network bitcoin will end up with large centralized hubs which will become commercial. They will be large expensive servers and act as banks do in our current flawed system of money. It will be reliant on a commercial 3rd party creating a centralized system.

We need to aim to surpass VISA and Mastercard's per second capabilities.

A significant problem blockchains have in their current form, especially PoS and PoW, is they cannot scale without relying on a 3rd party.

Each block in a blockchain can only store a limited amount of data, and also the confirmation time for a Bitcoin block confirmation can be lengthy.

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### 2.3 Blockchain size

Blockchain size is a huge issue and will become a greater issue as cryptocurrency grows.

Price of storage space is not getting cheaper at the same rate blockchain size is growing, therefore it makes it more expensive to run nodes as time moves forward.

Bitcoin Black will be very light, even with billions of transactions, and anyone will be able to run a node because account balances are stored on the network rather than all transactions.

When storing all transactions on the blockchain it is not possible to scale. Account chains with block lattice are a solution to this.

### 2.4 Energy consumption

Bitcoin energy consumption and any alt-coin which is mined in inefficient and if mass adoption is reached it is a huge issue with cost.

Billions of dollars are wasted on mining each year a process which technology wise is obsolete.

Most coins out there are based on mining, an energy hungry obsolete technology which also leads to centralization

Bitcoin black will use 100000 times less energy than bitcoin.  
Proof of work (PoW) uses an unnecessary amount of energy.

### 2.5 Costs & confirmation time

A p2p currency intended for world wide adoption must be fee free, instant and scalable.

A 3rd party must not be needed for transactions to be successful.

Fees must be completely eliminated.

Timing must be instant.

There must be no need for a 3-rd party involved in processing the transaction to complete it faster.

Bitcoin black will be fee free and instant without the need for a 3rd party involved.



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### 3.0 Distribution

Distribution is the most important part of a currency.

With distribution done correctly there shouldn't be any reason for the collapse of the currency.

### 3.1 Importance of distribution

Equality and fairness is the most important part of a currency.

There is no currency built on this principle and the power of a fairly distributed currency is yet to be seen.

Bitcoin Black aims to provide a usable currency in which society can participate equally and realize the power of this type of system.

### 3.2 Bitcoin Black distribution

Distribution will be done on a mass scale base from the beginning, this limits manipulation by the elite and no member of any currency should hold more than 1% of the entire circulating supply at any one point (manipulation counteraction fund will eliminate the possibility of early bag holders manipulation and contribute to true decentralization which is yet to be seen).

**Initial Foundation 2.5%** 900 Million (To be depleted to 0)

**Development fund 2.5%** 900 Million (To be depleted to 0) **Pre-sale 2.5%** 900 Million coins (300+ investing members who will be an addition to the founding team helping to move the project forward. Collaborating through slack)

**Bounties 2.5%** 900 million coins for bounties decided by pre-sale members and the Bitcoin Black community. Such as: translations of website, white paper, rewards dashboard and APPS.

**Airdrop 10%** 3.6 Billion coins to be airdropped (1 million accounts 3600 coins per account)

**Rewards bounty 20%** 7.2 Billion coins divided between Airdrop rewards (110 members). ICO rewards (110 members).

**IEO 20%** 7.2 Billion coins Funds from ICO to be allocated to community foundations who will help the community move the project further into the future.

Manipulation counteraction fund (approximately 5%). Part used for stability control fund to remove the possibility of early low volume manipulation, and maintain stability in the currency.

**App introduction rewards 40%** 14.4 Billion. Introduction of 10 million members with the rate of new users growing compounded. A method to get Bitcoin Black to every school yard/ university/ workplace and community.

By creating a fair mass scale distribution, manipulation proof will lead to a stable

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currency which will eventually be a currency which will be truly usable and intended to:

Pay wages. Pay rent. Pay for food.

Eventually cutting fiat out of the loop. Transitioning to the new monetary system which has less flaws than current crypto-currencies and the fiat money system.

### 3.3 Competitive Comparison

Many individual users hold multiple addresses especially when they use multiple exchanges and cold wallets.

As cryptocurrencies age, individuals move coins to different addresses for various reasons.

Bitcoin the top 1000 address's hold 50% of all coins (approximately)

Litecoin the top 500 address's hold 60% of all coins (approximately)

Doge the top 600 address's hold 60% of all coins (approximately)

EOS the top 10 addresses hold 50% of all coins (approximately)

IOTA top 10 address's hold 30% of all coins (approximately)

Who are they? No one will know.

Bitcoin Black's top 100 addresses will hold 2%

Bitcoin Black's top 1000 addresses will hold 10%

Bitcoin Black's top 10,000 addresses will hold 11%

Bitcoin Black's top 100,000 addresses will hold 12%

Bitcoin Black's top 1,000,000 addresses will hold 13%

The holders of the most coins will be 220 rewards bounty participants with the most referrals into Bitcoin Black.

There will be a list of their address's which can show their balances at any time, making it auditable and not possible for pump and dumps and manipulation.

### 3.4 Detailed distribution

#### 3.4.1 Initial foundation

4 initial members receive 90 million coins each which will be held for a very long time.  
4 pre sale members will receive 10 million coins each for help with administration and support.

The remainder of 500 million coins will be held and distributed down the track for key personnel who enter into the initial foundation.

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### 3.4.2 Development fund

Development fund of 900 million coins will be distributed to developers after ICO to help maintain, simplify and improve the codebase.  
The intention is to bring further talent into the development side.

### 3.4.3 Pre-sale

Pre-sale will have 400+ contributors.  
There is a maximum entry of 10 packets which is 9 million coins.

### 3.4.4 Bounties

To view the current bounties list see the following link:  
<https://bitcoin.black/bounties/>

A review of some bounties:

- An introduction to cryptocurrency by bitcoin black , printable pamphlet.  
content to introduce the concept of cryptocurrency to new users of cryptocurrency
- General crypto
- How to use bitcoin black and explanation

If you wish to contribute feel free to allocate a bounty for yourself to be reviewed and approved.

### 3.4.5 Airdrop

Mass abuse of the Bitcoin Black airdrop is not possible.

Airdrop will be sent out to 1 Million real users.  
3600 coins will be sent through filling out an extremely simple form.  
The airdrop form has many security layers which will ensure mass abuse does not take place, at the same time being very simple for a legitimate user to complete.  
<https://bitcoin.black/airdrop-form/>

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### 3.4.5.1 Airdrop security

Mass abuse of the Bitcoin Black airdrop is not possible.

#### Attacks

Sybil: Replicating identity and presence to exert unfair influence on ecosystem

Identity	Cost of Replication	Replication Method	Defense	Defense Effectiveness
Email	Low	Create multiple accounts	None	Low
“	“	Use disposable email	None	Low
Phone number	High	Buy multiple SIMs	Cost	Medium (Attackers can be deterred by cost of SIM cost)
“	“	Use disposable SMS numbers	Scrape blacklist	Medium (Arms race as disposable SMS numbers grow)
“	“	“	Rate-limit	Medium (Disposable SMS numbers can only cheat once)

Attribute To Use With Identity	Cost of Replication	Replication Method	Defense	Defense Effectiveness
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Device Fingerprint	Low	Forgery	None	None
Location IP	Medium	Use VPN, proxy, TOR	Rate-limit	Medium (some attacks will get through before rate-limit kicks in)
“	“	“	Scrape/buy VPN/proxy/TOR blacklist	Medium (VPN/proxy/TOR endpoints grow)

#### Resource Exhaustion: Rack up cost of sending OTP

Source	Phone Numbers	Attack Sophistication	Defense	Defense Implementation	Defense Effectiveness
1	1	Easy	Restrict verification to once Rate-limit OTP request for phone number	Easy	High
Many	1	Difficult	Restrict verification to once Rate-limit OTP request for phone number	Easy	High

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1	Many	Easy	Rate-limit OTP request by IP Phone number pattern detector (serial, high frequency, etc.)	Medium	High
Many	Many	Difficult	Rate-limit OTP request by IP Phone number pattern detector (serial, high frequency, etc.)	Difficult	Medium

Denial-of-Service: Denying legitimate users service

Defense	Defense Implementation	Defense Effectiveness
Decay blacklist	Medium	Medium (faster decay mitigates DoS but expose to resource exhaustion attack)
IP location & phone number combination	Easy	High (probability of attacker in same location as user is low)

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### 3.4.6 Rewards for introduction

The main owners of BCB will be:

The top 10 people in rewards who introduce the most people into BCB & the 10 members who introduce the most members into the IEO.

Each of the 20 top referrers will receive 180 million coins.

Positions 11-110 who refer the most people into the airdrop and positions 11-100 who refer the most people into the IEO will receive 18 million coins each.

Before distribution of Airdrop rewards for introduction to 110 members and IEO rewards for introduction to 110 members, members will have the option to hold or sell.

To prevent a significant move in the price of Bitcoin Black a waiting list of high net worth individuals who are interested in being major stakeholders of Bitcoin Black.

Any member of the rewards members who refer the most people into Bitcoin Black will have the option to sell their coins to a high net worth individual who is not able to participate and acquire their desired stake through the IEO which has a capped purchase amount.

Not only does this help the stability of the Bitcoin Black ecosystem, it helps the seller receive a higher amount possible than dumping onto an exchange and help the buyer to purchase a significant volume at a lower price than possible than driving up the price on an exchange.

High net worth individuals will have requirements to assist in the health of the Bitcoin Black ecosystem.

### 3.4.7 IEO/ ICO

Potential platforms for conducting the Bitcoin Black IEO

Binance Launchpad

Huobi Prime

OKEx Jumpstart

Probit Launchpad

Coineal Launchpad

ZBG Launchpad

BW Launchpad

Coinbene Launchpad

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BGOGO Apollo  
IDAX Foundation  
BitMax Launchpad  
Bittrex International  
Latoken Launchpad  
Kucoin Spotlight  
Exmarkets Launchpad  
Cobinhood

### 3.4.7.1 What will be before IEO

- Airdropped coins to 1 million real users
- The most decentralized cryptocurrency in terms of user nodes
- Website and wallets available in 24 languages
- Alexa website rank within the top 100,000 worldwide

### 3.4.7.2 What IEO funds will be used on

ICO funds will go directly from the Bitcoin Black community to the foundations through voting.

The initial funds will be allocated to community foundations, examples include:

- A company providing SMS verifications to ensure 10,000,000 real users enter through app introduction rewards.
- Exchange listing fee to be listed as a major trading pair alongside BTC & ETH to set the groundwork for other exchanges to list BCB as a major trading pair.
- An international marketing company based in Sydney, Australia to set up human billboards in most of the major cities worldwide at the beginning of the ICO.
- A project based on AI and atomic swaps to create and distribute the bitcoin black card with potentially it's own banking licence to prevent card issuing cancellation.
- A chinese printing company to dropship marketing materials at the lowest prices possible, car stickers, an introduction to cryptocurrency by bitcoin black pamphlet, your custom QR stickers to apply to marketing material to gain App introduction rewards and more.
- A competition platform to reward viral marketing.
- A mix between a ebay and gumtree local online marketplace based around bitcoin black.
- An educational hub to educate new users on cryptocurrency.
- A marketing department
- A freelance designer contributing a set of graphics and branding material.
- A flash mob in England to aim to break the biggest flash mob attendance to promote Bitcoin Black.
- A company in a jurisdiction where it is possible to get a banking licence to enable card issuing which will create and issue the Bitcoin Black card.
- An online store specializing in Bitcoin Black items such as t-shirts, car stickers, cups



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and more which will be dropshipped worldwide at the lowest costs.

- A gaming company to create Bitcoin Black related android and iOS games which use Bitcoin Black as the games currency.

Rather than having one team hold all the funds we wish to divide the funds through many trusted foundations and well known established companies worldwide. Approximately half of the ICO funds will be allocated to established companies and the other half to creative members who create foundations to help drive the project forward.

### 3.4.7.3 What will come after IEO

- A method to get BCB to every school yard/ university/ workplace and community through App introduction rewards (bringing 10 million users into the ecosystem through incentives)
- Funding community foundations and companies contracted with BCB.

### 3.4.7.4 Purpose of the IEO

App introduction rewards to bring another 10 million users into Bitcoin Black.

Funds from the ICO will be split between established companies with physical locations worldwide and foundations which are community based.

### 3.4.8 App introduction rewards

Rewards for introduction will be 200 BCB coins for referring a new user to BCB.

New users will also receive 200 BCB coins.

There will be a tier 2 reward of 200 BCB coins which will help bring merchants on board.

It will be very rewarding for members to refer merchants to BCB as the members will be rewarded for all the members the merchant brings on board to the platform.

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### 4.0 Personnel Plan

Bitcoin Black began by a group who wishes to remain anonymous from Australia. The project is intended to be community based.

The main members will be allocated thorough Airdrop rewards and ICO rewards (220 members).

The extended team will be gathered from the initial pre-sale 500+ members from multiple countries and input expertise.

Team members will be allocated within the community through the community.

ICO funds will go directly to multiple community foundations decided upon by the community.

110 Airdrop rewards members

110 ICO rewards members

these will be the the main team of the project as they will be the ones who built the ecosystem and educate.

The next layer will be 500+ pre sale contributors who contribute funds and help the project move forward

720+ initial members who will form swarms and branches to push the project further into the future.

### 4.1 The main owners of BCB

The main owners

The main owners of BCB will be:

The top 10 people in the rewards program who introduce the most people into BCB & the top 10 members who introduce the most members into the ICO.

Each of the 20 top referrers will receive 180 million coins each.

The 4 initial members who have put Bitcoin Black together until now will receive 90 million coins each.

Positions 11-110 who refer the most people into the airdrop and positions 11-100 who refer the most people into the ICO will receive 18 million coins each.

4 Pre-sale members will receive an additional 10 million coins for help with administration roles and servicing support.

Pre-sale members have a maximum entry of 9 million coins.

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### 4.2 Organizational Structure

Collaboration of over 500 pre sale members through slack.  
Collaboration of top 110 Airdrop rewards members will also join the slack group.  
Collaboration of top 110 ICO rewards members will also join the slack group  
Tasks will be decided on through the group.  
To do lists.  
Suggestions.  
Voting.  
Each member will play their part to push the project forward.

Summary:

220 members (Highest referring airdrop rewards & ICO rewards participants)  
500+ Pre Sale participants (stage 1-4)  
Multiple Bitcoin Black foundations running  
ICO funds allocation to be approved and confirmed by the community through voting.

### 4.3 Management Team

The main owners/ managers / founders will come through introduction.  
The people who share the airdrop with the most people will be the main coin holders.  
(110 members who believe in the project will share and be the main coin holders)  
No longer will the majority of a project be controlled by a lazy billionaire who will end up controlling the future of the ecosystem and drive the price up or down at their will.

The project up until ICO will rely upon 4 anonymous members who will also remain involved in the first bitcoin black foundation.  
The 4 members have a great wealth of combined knowledge and field experience in all the necessary parts to execute the project to the point where the community that will be structured can be of large significance of a global currency.  
Why remain anonymous? So things can continue to operate without interference or the threat of the ecosystem being shut down and people being forced to comply with different government branches who wish to strip power from the people and dont want a threat to their establishment successfully launched and autonomously managed.  
More bitcoin black foundations will form as the bitcoin black members volume grows.

Basically there are no owners, it is a community move which in turn community members who understand the importance of the project help build the ecosystem gain a part of the ecosystem.

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### 4.4 Management Team Gaps

Team gaps will be filled as needed with the remaining:  
Initial community coins.  
Development fund coins.  
Bounties.

If there is a vital skill gap there are coins to be distributed to fill the team gaps.

### 4.5 Social media profiles

Social media profiles are run by the community.  
Most likely the admin's are pre-sale participants who will be receiving small bounties for correct management.

If the official social accounts are misused for other purposes rather than helping the bitcoin black community a new official social channel will be allocated to a new community member.

Creating a Bitcoin Black social channel is encouraged.  
For approval send your social channel link in an email to [hello@bitcoin.black](mailto:hello@bitcoin.black)

Approved social channels will be published at <https://bitcoin.black/social/>

## 5.0 Bitcoinblack dot net

### 5.1 Community/ Team

Bitcoin Black community is point of collaboration of all community members, you can create a profile and find like minded individuals.

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### 5.2 Foundations/ Where IEO funds will go

If you have a great idea to help Bitcoin Black or would like to build a business around Bitcoin Black feel free to create a foundation through [Bitcoinblack.net](https://bitcoinblack.net) with a detailed explanation on what you will be doing and how it can help on the path to becoming the world currency.

Create a foundation to receive IEO/ ICO funds at <https://bitcoinblack.net/foundations/>

Some examples of foundations:

- An international marketing company based in Sydney, Australia arranging human walking billboards in every major city in the world for a duration of 3 days at the beginning of the Bitcoin Black ICO.
- A freelance designer contributing a set of graphics and branding material.
- A flash mob in England to aim to break the biggest flash mob attendance to promote Bitcoin Black.
- An ebay like marketplace [bitcoinblack.market](https://bitcoinblack.market) for local sale or purchased of all legal items.
- A company in a jurisdiction where it is possible to get a banking licence to enable card issuing which will create and issue the Bitcoin Black card.
- An online store specializing in Bitcoin Black items such as t-shirts, car stickers, cups and more which will be dropshipped worldwide at the lowest costs.
- A gaming company to create Bitcoin Black related android and iOS games which will have Bitcoin Black as the games currency.

Rather than having BCB which is a decentralized team hold all the funds we wish to divide the funds through many trusted foundations and well known established companies worldwide. Biggest  
Approximately half of the IEO/ ICO funds will be allocated to established companies and creative members who create foundations to help drive the project forward

### 5.3 Forum

The Bitcoin Black forum will have

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### 5.4 Support

The support section will have a knowledge base which will grow and be able to solve most questions and issues that arise.

All support emails will be forwarded to [support@bitcoin.black](mailto:support@bitcoin.black), through here the knowledge base and frequently asked questions will be built.

Video tutorials and walkthroughs will be added in the support section.

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### 6.0 Milestones

Successfully airdrop coins to 100000 users.

Successfully airdrop coins to 1 million users.

Airdrop to 195 countries.

<https://bitcoin.black/members-count/>

1000 nodes on the network.

10000 nodes.

Distribute pre-sale coins.

Distribute app introductions to airdrop rewards members.

Set up 5 foundations

Android and IOS rewards platform app.

Android and IOS simple to use wallets with the ability to transfer funds as easy as sending a text message.

Begin app introduction rewards to reach additional 10 million users

Translation of all applications.

Woocommerce payment plugin easy for merchants to integrate.

Bitcoin Black marketplace

Bitcoin Black card

### 7.0 Exchanges

A major exchange goal is being listed on Binance.

It will take time and in preparation there is a change.org petition to strengthen the chances of being listed.

<https://www.change.org/p/binance-bitcoin-black-bcb-on-binance>

A major focus will also be for BCB to be adopted on exchanges as a major trading pair alongside BTC & ETH.

### 7.1 BCB as a major trading pair on exchanges

A community foundation will be set up for the ICO between the Bitcoin Black community and an exchange.

The exchange fee will be covered with a small part of the ICO.

Bitcoin Black will benefit from having the groundwork of being listed as a major trading pair on an exchange alongside BTC, ETH & USDT which will make it easier to be listed as a major trading pair on other exchanges.

The exchange will benefit from having 1 million Bitcoin Black members and also having a feeless major trading pair.

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## 8.0 The Technology

### 8.1 Block Lattice

Block lattice is a novel type of DAG (Directed Acyclic Graph) based architecture that was first introduced by Colin Lemahieu with the project Rai-blocks Raiblocks which is now Nano cryptocurrency. With this type of architecture, each individual transacting on the network possesses their own blockchain, which is controlled by their private keys.

Each account can be updated asynchronously of the rest of the block lattice network, this means that users can send and update blocks on their account without relying on the entire network. Any funds sent requires 2 transactions: a send transaction and a receive transaction. For a transaction to be settled the receiver must sign a block confirming that the funds were received, if only the senders block is signed a transaction remains pending and not settled.

Block-lattice infrastructure operates like blockchain with major difference: Each account on the protocol has its own blockchain called an account-chain. Only an account-chain's user can modify his/her individual chain, and this allows each account-chain to be updated asynchronously of the rest of the block-lattice network.

All transactions are sent in User Datagram Protocol (UDP) packets, which keep computing costs low and allow senders to transfer funds even if a receiver is offline.

A huge advantage of block-lattice is how its ledger handles and stores transactions. Each transaction is its own block, and each new block replaces the one before it on its user's account chain. In order to maintain a proper account history, new blocks take a record of the account holder's current balance and factor it into the processing transaction.

When sending a payment to someone, the transaction is verified by taking the difference between the send block and your current balance on the preceding block. On the other end of the transaction, the receive block would then add the amount to its account chain's preceding block. The end result is a new block that records the updated balance of each user.

Under this system, the platform keeps a record of an account's balance on its ledger, not a full history of all transactions like traditional distributed ledgers. This means that a block-lattice based network only has to keep a record of each account on its full ledger. Instead of maintaining a record of all prior transactions, the network only stores account balances.

Block-lattice doesn't have latency and scalability issues like current blockchains and



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can be applied for world use much more efficiently.

Network security is handled using a delegated proof of stake model (DPoS). If any discrepancies arise with conflicting transactions, delegates vote on which transaction to verify as valid. The DPoS offers a number of benefits compared to Bitcoin's proof of work mechanism.

No longer are distributed consensus protocols such as proof of work (PoW) or proof of stake (PoS), that are used to achieve consensus are needed providing many advantages.

### 8.2 Benefits

Much more decentralized as there is no mining or Bitmain.

Much more scalable than traditional blockchains.

Much smaller blockchain size due to block lattice infrastructure saving account balances rather than transactions. Gigabytes in the future rather than terrabytes.

Much less electricity burnt (at least 100000 times less).

Free transactions.

Instant transactions.

Less intensive storage required by saving balance rather than transaction.

The only disadvantage of block lattice is for commercialized 3rd parties who want to collect fees on your transfers. These entities cannot collect fees on your transactions as your transactions are free.

Lightning network (bitcoin) operators will collect fees on your transactions and will act the same way banks work in the current financial system.

Operates on delegated proof of stake not proof of work or proof of stake.

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### 9.0 Network growth

A key to success is to maintain an average of at least 10% per month until more than 1 million members are in the ecosystem.

Certain milestones such as blockchain going live and coins being transferable, applications released and so on will accelerate growth further.

Network growth is planned to increase compoundly as time progresses.

Keep note growth is predicted to increase after February 2019 when the airdrop becomes live.

### 9.1 10% monthly

What does a 10% monthly growth rate look like for Bitcoin Black

May 2018	1000		
June	1100		
July	1210	13000	
August	1331	14300	
September	1464	15730	
October	1611	17303	
November	1772	19033	
December	1949	20937	
January 2019	2144	23030	
February	2358	25333	
March	2594	27867	
April	2853	30653	
May	3138	33719	
June	3452	37091	85000
July	3797	40800	93500
August	4177	44880	102850
September	4595	49367	113135
October	5054	54304	124449
November	5560	59735	136893
December	6116	65708	150583
January 2020	6727	72279	165641
February	7400	79507	182205
March	8140	87457	200426
April	8954	96203	220468
May	9850	105824	242515

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June	10835	116406	266766
July	11918	128047	293443
August	13110	140851	322787
September	14421	154936	355066
October	15863	170430	390573
November	17449	187473	429630
December	19194	206220	472593
January 2021	21114	226842	519852
February	23225	249526	571837
March	25548	274479	629021
April	28102	301927	691923
May	30913	332120	761116
June	34004	365332	837227
July	37404	401865	920950
August	41145	442051	1013045
September	45259	486256	1114350
October	49785	534882	1225784
November	54764	588370	1348363
December	60240	647207	1483199
January 2022	66264	711928	1631519
February	72890	783121	1794671
March	80180	861433	1974138
April	88197	947576	2171552
May	97017	1042334	2388707
June	106719	1146567	2627578
July	117391	1261224	2890336
August	129130	1387346	3179369
September	142043	1526081	3497306
October	156247	1678689	3847037
November	171872	1846558	4231740
December	189059	2031214	4654914
January 2023	207965	2234335	5120406
February	228762	2457769	5632446
March	251638	2703546	6195691
April	276801	2973900	6815260
May	304482	3271290	7496786
June	334930	3598419	8246465
July	368423	3958261	9071111
August	405265	4354087	9978222
September	445792	4789496	10976045
October	490371	5268446	12073649
November	539408	5795290	13281014

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December	593349	6374819	14609116
January 2024	652683	7012301	16070027
February	717952	7713532	17677030
March	789747	8484885	19444733
April	868722	9333373	21389206
May	955594	10266710	23528127
June	1051153	11293381	25880939

### 9.2 25% monthly

What does a 25% monthly growth rate look like for Bitcoin Black

May 2018	1000		
June 2018	1250		
July 2018	1562	13000	
August 2018	1953	16250	
September 2018	2441	20300	
October 2018	3051	25390	
November 2018	3814	31730	
December 2018	4768	39670	
January 2019	5960	49590	
February	7450	61980	

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March	9313	77480	
April	11641	96857	
May	14551	121070	
June	18189	151330	85000
July	22700	189170	106250
August	28420	236460	132812
September	35525	295580	166015
October	44406	369480	207519
November	55508	461850	259399
December	39385	577310	324249
January 2020	86732	721640	405311
February	108415	902056	506639
March	135519	1127570	633299
April	169398	1409463	791624
May	211748	1761829	989530
June	264685	2202286	1236912
July	330857	2752857	1546141
August	413571	3441071	1932676
September	516964	4301339	2415845
October	646205	5376674	3019807
November	807756	6720842	3774758
December	1009695	8401053	4718448

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### 9.3 50% monthly

What does a 50% monthly growth rate look like for Bitcoin Black

May 2018	1000		
June 2018	1500		
July 2018	2250	13000	
August	3375	19500	
September	5062	29250	
October	7593	43875	
November	11390	65812	
December	17085	98718	
January 2019	25628	148078	
February	38443	222117	
March	57665	333175	

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April	86497	499763	
May	129746	749645	
June	194619	1124468	85000
July	291929	168670	127500
August	437893	2530053	191250
September	656840	3795079	286875
October	985261	5692619	430312
November	1477891	8538928	645468
December	2216836	12808392	968203
January 2020	3325254	19212588	1452304

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### 10.0 How to surpass Bitcoin/ How to be a market leader

The ultimate use case of cryptocurrency is a currency for the people as a form of liberation.

#### 10.1 More actual users

Actual users that will be able to transfer money as easy as sending an SMS.

The main reason people are buying bitcoin is as price speculators and fear of missing out.

They buy it to make money and for the dream of riches (however only a small few achieve this due to the initial distribution and manipulation present and ordinary people buy and sell at the wrong times).

It is rare people will buy bitcoin to use bitcoin as a more convenient or cheaper payment method to purchase goods or services.

Bitcoin Black will be a free, convenient, user friendly, fair distributed currency that will have advantages for people to participate in the ecosystem and at the same time giving power back to the people rather than taking power away.

The power of a cryptocurrency is to allow easy and effortless transfers to anyone regardless of their location without a 3-rd party instantly and free.

Bitcoin Black will be used as an actual payment system more efficient than current systems, much more decentralized without manipulation and corruption..

#### 10.2 Distribution not allowing price suppression to enter

A fair distribution is yet to be seen in the cryptosphere. The power of this is yet to be seen.

By having 1 million members receive free coins this builds up the ecosystem and supports it.

Manipulation counteraction measures will be in place in the beginning of Bitcoin Black to make sure pricing manipulation or price suppressing doesnt enter.

Most alt-coins in the market are in favour of the founders and offer no real world solution.



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### 10.3 Instant & Free transfer of Value

A fee free and instant payment system is required for a global p2p currency which gives the power back to the people. Fee free and instant payments are vital to adoption.

Fee free and instant solutions should not rely on a 3-rd party.

### 10.4 Ease of entry and simplicity

Entry should be simple. Allowing newcomers to cryptocurrency the chance to be involved and participate in the ecosystem.

Free coins will be given as a sample to allow people to participate in the ecosystem and to be educated on the system and its effectiveness.

Bitcoin Black is aiming to make a money transfer as simple as sending an SMS regardless of location.

Receive funds to your phone number.

Multilingualism allowing a broader reach of users than English users (Chinese and Spanish are more used languages than English).

### 10.5 Multilingual capability

Multilingualism is a key part to mass adoption, usability and entry.

Out of the worlds approximately 7.5 Billion people it is estimated only 360 million people speak english as their first language.

Bitcoin Black Website, approximately, Support, Rewards dashboard, Applications and more will be available in 24 languages initially and once this is close to perfect we will introduce even more languages.

The initial translated languages will be:

Arabic

Bengali

Chinese (simplified)

Chinese (traditional)

French

German

Hindi

Igbo

Indonesian

Italian

Japanese

Javanese

Korean

Malay

Persian

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Polish  
Portuguese  
Punjabi  
Russian  
Spanish  
Turkish  
Vietnamese  
Yoruba

Rewards dashboard will be available initially in:

Spanish  
Hindi  
Portuguese  
Chinese (simplified)  
Chinese (traditional)  
Russian  
Bengali  
Arabic

### **10.6 Energy efficient**

Bitcoin burns billions of dollar in energy each year.

This is a huge problem and will continue to get worse.

Most importantly its unnecessary use of energy as there are more efficient methods in place.

Bitcoin Black uses block lattice which is 100000+ times less energy hungry than Bitcoin.

### **10.7 Incentives for introduction**

Incentivizing introduction is vital to network growth.

A sample of the coins is given to try out the ecosystem (free airdrop).

After 1 million participants application rewards will further incentivize introduction to an additional 30 million users.

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### 10.8 Truly decentralized

Mining has centralized Bitcoin and most other coins that rely on mining. Bitmain and affiliate mining pools controls more than 50% of Bitcoins hashing power making it centralized, giving it no worth as a decentralized payment network. (this basically makes the bitcoin network worthless)  
Blockstream is a corporation which controls Bitcoin. It is a for profit company taking power away from the people.  
The importance of these two facts are enormous and can't simply being ignored or there is some type of media blackout on these facts.

Centralization is present in most cryptocurrency projects.  
The purpose is to make Bitcoin Black a true decentralized autonomous network giving the power back to the people.  
Not owned by one group, instead owned by many branches of the community.

### 10.9 Less volatility/ more stable price

By having a fair mass distributed currency with supply spread widely it will create less volatility by synchronized pumps and dumps and lead to a more stable price.  
Ending manipulation through unknown distribution methods that cannot be audited.

Before distibution of Airdrop rewards for introduction to 110 members and ICO rewards for introduction to 110 members, members will have the option to hold or sell.  
To prevent a significant move in the price of Bitcoin Black a waiting list of high net worth individulas who are interested in being major stakeholders of Bitcoin Black.  
Any member of the rewards members who refer the most people into Bitcoin Black will have the option to sell their coins to a high net worth individual who is not able to participate and aquire their desired stake through the ICO which has a capped purchase amount.  
Not only does this help the stability of the Bitcoin Black ecosystem, it helps the seller receive a higher amount possible than dumping onto an exchange and help the buyer to purchase a significant volume at a lower price than possible than driving up the price on an exchange.