Bitica

WHITE PAPER

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Our Mission

The founders of the company BDCC Genesis believe their main mission is to build a society united by common desire to learn how to manage sophisticated technologies changing more and more our normal reality.

From one side we see and accept the progressive role of digital technologies in the modern world. From the other side we understand not everyone has access to them. A big number of fully-fledged citizens are cut off from technological progress owing to financial, political, geographical, mental and other reasons. We see the digital divide as a global challenge to humankind and are ready to work on overcoming it. Our contribution to deal with this problem is our unique product, a high-tech platform making advanced technologies publicly accessible and Promoting them

High tech inevitably becomes part of our everyday life. That's why we see education and training of millions future users as our primary task.

For this purpose we offer to become a part of the global cryptosystem and an international community, where everyone will have possibility to communicate, to gather useful information about new technologies and to get acquainted with technological advances and recent developments in hi-tech industry.

We developed powerful platform BITICA COIN based on advanced technologies. However it's structured the way that every step made by every user is user-friendly and does not require any special knowledge and skills.

BDCC Network

The social network BDCC Network combines all members of BITICA COIN community. According to experts the social network will account for about 100 000 00 users within next five years.
It's not only a global community where everyone can find adherents, we also give our members an effective and useful tool for business communications.

Compared to other social networks where you can have only 2 000 – 5 000 friends, in BDCC Network you can have 100 000 friends. It Especially benefits those who has an online business or plans to start it and draw the attention of potential customer.
The platform has additional opportunities for private companies promotion and favorable marketing conditions. Business accounts has even more benefits.
We really want our users to improve their wellbeing with our assistance that's why there are additional activity bonuses in BDCC network.

▶

BDCC Business

"A great community, combined by the social network BDCC Network has a strong capacity to address this challenge. And the BDCC Network can provide with all benefits of the BDCC Business platform."

We believe that ideas change the world. Best of them are capable to solve global problems, make people no more suffer from disease, hunger and poverty.

We also know how many bright and useful Ideas stay unrealized. How many important Projects are placed on hold because there is no Money to implement them? The authors of these ideas and projects don't usually get financial support because investors don't know If the product will be in demand or not. But People can decide together and chose ideas. They want to live. And together support projects they believe in. This is exactly the place where the idea men can Go public and their projects can have a chance For implementation. Every user decides about Ideas he likes, supports, votes for and is actively involved in its development.

BDCC Market

There is another Powerful instrument within BITICA COIN platform for business matters and increase of wellbeing and improvement of living standards.

It's a natural every men desire to have a chance to reach out for best option available but how many have to stick with products of quality available in their region ? In the same time the manufacturers who could be happy to offer best quality goods can't further develop their business due to lacking access to the market and resources to enter it because very often it is connected with necessity of business scaling and this an impossible task for the most of the manufactures.

BDCC Market is a global market. It can host unlimited numbers of sellers and buyers. That means that every BITICA COIN user has inopportunity to sell and buy any legal goods regardless of borders and distances.

For instance, if you manufacture qualitative goods at your own production but you don't have many customers and resources to export your goods, our platform would be a great opportunity to offer your products to a huge number of visitors.

Goods are becoming more accessible with development of new Markets. The Blockchain technology erases trade borders. Manufactures can use it to market their goods without violating the local law.
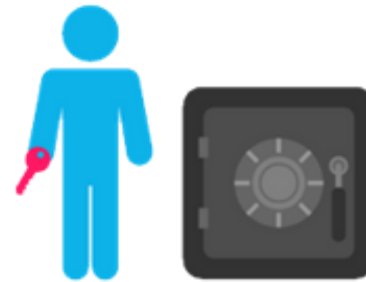
TECHNOLOGIES

BITICA COIN (BDCC) is a peer-to-peer cryptosystem with distributed decentralized public ledger called blockchain

Proof of Work *vs* **Proof of Stake**

proof of work is a requirement to define an expensive computer calculation, also called mining

Proof of stake, the creator of a new block is chosen in a deterministic way, depending on its wealth, also defined as stake.

TECHNOLOGIES
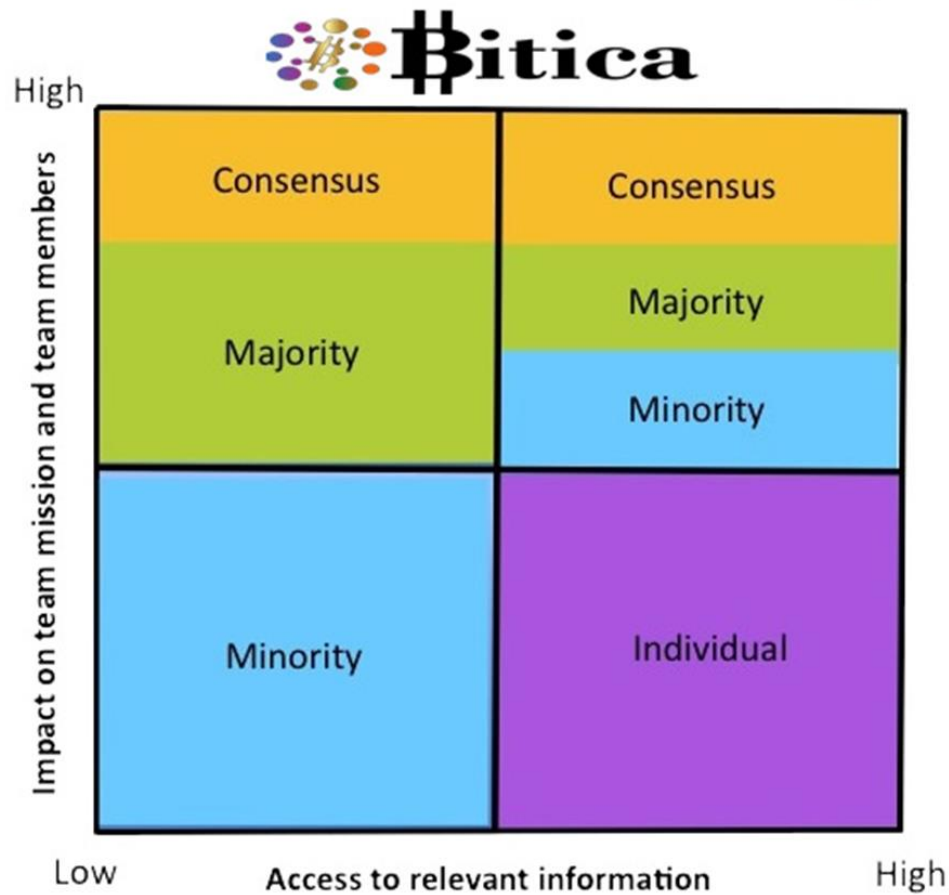
PROOF OF WORK/PROOF OF STAKE

BITICA COIN pays a lot of attention to scalability which have Always been as well known a bottleneck for decentralized systems and crypto industry. Unlike previously existed solutions BDCC adopts superior technologies combining the most effective solutions. These are the main crypto technical solutions: Segregated Witness and Lightning Network.

We briefly review the existing models of consensus building below and compare them with model implemented in BITICA COIN. Referring to scalability we consider frequently encountered problems and their solutions and offer a number of technical improvement used in the original code of BITICA COIN. Development team of BITICA COIN original code will take all necessary actions for the correct application of these improvements and scalability in BDCC network.

MODEL OF CONSENSUS-BUILDING

MODEL OF CONSENSUS-BUILDING

BITICA COIN uses Proof-of-Work ("POW") initial coin distribution cycle followed by transition to a hybrid model of both POW and PoS (Proof-of-Stake). Both parts work simultaneously to provide additional security and network resiliency.

Proof-of-Work

Proof-of-Work consensus model had been around since the inception of first cryptocoins. Being the most common model applied in many existing cryptocoins, POW is the most studied consensus model by now as well. However, is has a well-known attack vector called a 51% attack. In essence, it is the ability of someone controlling a majority of network hashrate to revise transaction history and prevent new transactions from confirming.

51% attack is the main concern for new POW crypto coins, as Anyone holding significant mining POWers is capable of suspending. the entire network, preventing new transactions from going through.

MODEL OF CONSENSUS-BUILDING

Proof-of-Stake

POS - is the less known consensus model which avoids the hardware overhead of POW-based networks. Unlike POW-based cryptocoins, where the algorithm rewards participants who solve complicated cryptographic puzzles in order to validate transactions and create new blocks, in PoS-based cryptocoins the creator of the next block is chosen in a pseudo-random way, and the chance that an account is chosen depends on its wealth (i.e. the stake). PoS model has a list of potential attack scenarios, the majority of which is only theoretical. There also exists the "nothing at stake" problem, stating that in PoS model nodes are incentivized to behave badly by signing each and every block as it does not cost anything. This implies that in the traditional PoS it is a good strategy to work on every chain attempting to double spend a digital asset.

SCALABILITY

BITICA COIN is oriented at the global commercial use and mass adoption, which implies that the BDCC network should be capable of processing thousands of transactions per second.
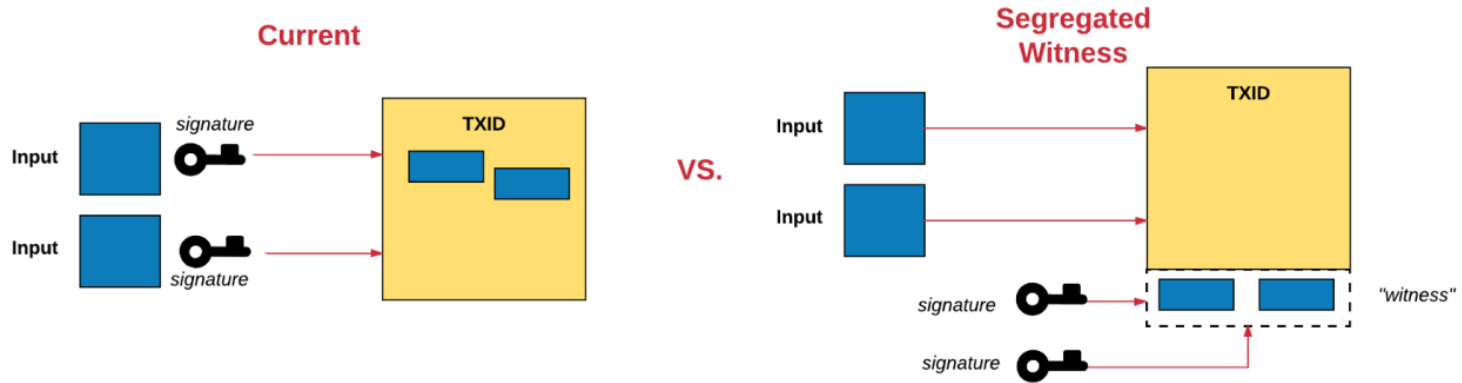
throughput of Bitcoin and other alternative cryptocoins is too low for a widespread adoption and varies between 3-10 transactions per second (tps). To achieve that goal, BITICA COIN supports the SegWit technology in its codebase and implements the Lightning Network (LN) proposal. As of today, the use of both SegWit and increased block size limit gives BITICA COIN a throughput of more than 50 tps. The successful implementation of the LN technology will make it possible to achieve a few thousands transactions per second metric. BDCC development team does not support scalability solutions imposing more centralization on the network (e.g. DASH project). DASH supernodes are an example of the unacceptable solution, increasing the network's throughout but effectively leading to centralization, which confronts the main principles of decentralized cryptocoins.

SCALABILITY

SegWit

Segregated Witness (or SegWit) is the process by which the block transaction limit on a blockchain is increased by removing signature data from transactions. When certain parts of a transaction are removed, this frees up space or capacity to add more transactions to a single block, providing an increased block capacity without modifying the block size limit.
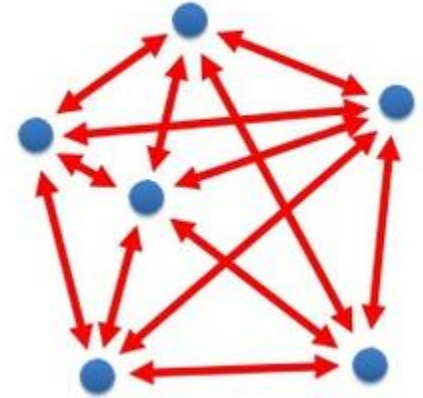

BDCC network has SegWit activated together with the moderately increased block size limit. BDCC core developers are aware of potential problems with orphaned blocks produced by high-latency nodes which cannot obtain high-size blocks on time. To address this issue and avoid network centralization, BDCC protocol has only a slightly increased block size limit compared to other cryptocurrencies.

BLOCKCHAIN

Blockchain is an open, distributed ledger that can record transactions between two parties efficiently and in a verifiable and permanent way. The ledger itself can also be programmed to trigger transactions automatically. Technically-wise, Technically wise, Blockchain is a distributed that is used to maintain a continuously growing list of records, called block

BITICA COIN (BDCC) is a peer-to-peer cryptosystem with distributed decentralized public Ledger called blockchain.

Every BDCC node shares the same transaction history, which means that the transaction ledger is entirely transparent. BDCC node software is open-source and open to anyone for purposes of auditing or building services on top of it

Specifications

Road Map

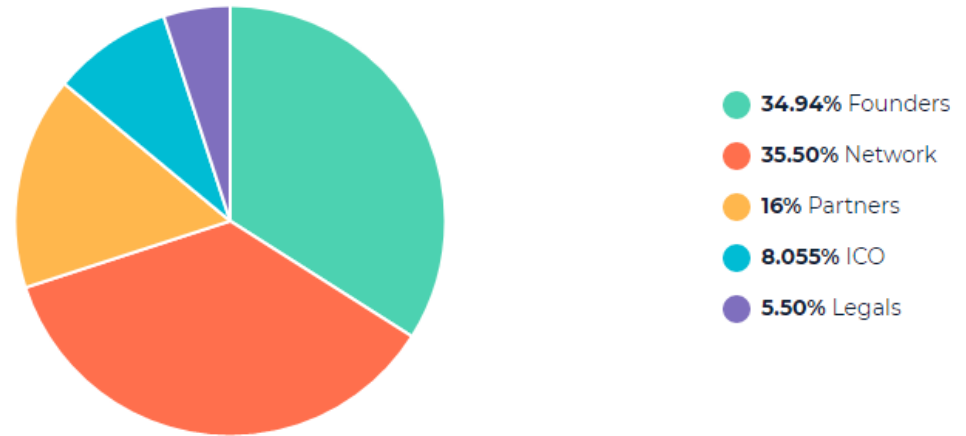## Token Allocation

* ICO: 1450000 bitica token

* Network Program: 6390000 bitica token

* Partners & Investors: 2880000 bitica token

* Founders: 6290000 bitica token

* Legal & Miscellaneous: 990000 bitica token

* Total Supply: 18000000 bitica token

- 34.94% Founders
- 35.50% Network
- 16% Partners
- 8.055% ICO
- 5.50% Legals

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➢Total Supply: **18000000 Bitica token**

Initial Coin Offering

Date	1 BDCC Equals						
	BTC	ETH	DASH	XRP	BCH	USDT	USD
18th to 20th Aug 2018	0.00014 approx.						$1
21st to 24th Aug 2018	0.00015 approx.						$1.10
25th to 28th Aug 2018							$1.20
29th Aug to 1st Sep 2018							$1.30
2nd to 5th Sep 2018							$1.40
6th to 11th Sep 2018							$1.50
12th to 17th Sep 2018							$1.60
18th to 23rd Sep 2018							$1.70
24th to 27th Sep 2018							$1.80
28th to 30th Sep 2018							$1.90

Time Line: Staring Date - 18th August 2018 , Ending Date - 30th September 2018 , Duration – 42 Days ICO will start in 6 countries India, UAE, Singapore, Malaysia, UK and Hong Kong.

Contact

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