

C 2020



ZOTOVA

“GENIUS TECHNOLOGY
FOR HUMANITY”

Whitepaper V 1.1

www.zotova.io



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1. Background

A new era has come in the grasp of humans where the needs and technological developments in this world seem to race against the tick of time, various technological inventions that make it easy for humans to reach their comfort zones and safety zones will soon be realized.

In 2020, the industrial era 4.0 is really firmed by the existence of blockchain that is increasingly being adopted in various lines of the financial sector. The advantages of decentralized and transparent blockchain and data security are the mascots that break the old system which is called the centralized system.

At first it was not necessarily this blockchain that could be easily accepted by financial technology industry participants. Many perversions and perceptions, for example in general people equate BITCOIN with Blockchain, even though it is very different, bitcoin which is a small function of the blockchain itself because bitcoin is one of the crypto currency / digital assets that runs on the blockchain only with SHA-256 algorithm and the distribution process uses the mining ecosystem or commonly called the POW system.

An indication of the success of this blockchain can be seen from the positive market response from day to day and increasing when viewed from the number of digital asset trading on coinmarketcap.com site with a total volume of \$255,559,113,667, transaction volume of this size is no longer counted as a small ecosystem, but has enter the realm of a very large financial ecosystem that is transacted in many markets and spread in various countries.

It is undeniable that so far blockchain-based digital assets are mostly still traded in the form of digital assets that use a one-to-one system without leverage, as is the case for fiat money trading platforms. market participants who want to get a profit in a short time such as forex trading still rarely glance at the crypto buying and selling business, because according to forex market players crypto is considered to require a long time and a large enough capital to meet their business portfolio

In addition to the above explanation, the uniformity of crypto prices in each market have many differences, although in this case it can actually cause new opportunities to get profits that are usually done by market participants, called arbitrage trading.

The concerns of these potential market participants to trust their funds to remain secure in a trading platform also contribute to a slowdown in the growth of the cryptocurrency ecosystem so far, on average those who are new to cryptocurrency trading are concerned that their funds can be withdrawn easily or not or even the potential for being unpaid by trade service providers is still a concern for new entrants.

In our view, in this Zotova coin project or later called ZOA responds to market desires by providing solutions how to get the benefits of a transparent and decentralized blockchain, with this we launch a project we call ZOA coin with ZOADEX's smart platform. Which is built with its own blockchain and will display crypto prices in the form of indexes that we take data from large markets such as binance, bitrex, huobi, etc.



The good news is to start trading in our market portal, there is no need to make a deposit which means that it is clearly a concern that users' funds are very safe.

The next thing is the amount of capital, using the ZOADEX portal, market participants can trade only \$0.1 with a transaction fee of \$0.00035.

We hope that those who enjoy the growth and development of the cryptocurrency industry will not only be rich people, but the middle class and below will also feel how powerful the growth of digital assets is to sustain their daily needs and deliver them into mutual financial prosperity.



2. ZOTOVA Coin Metric

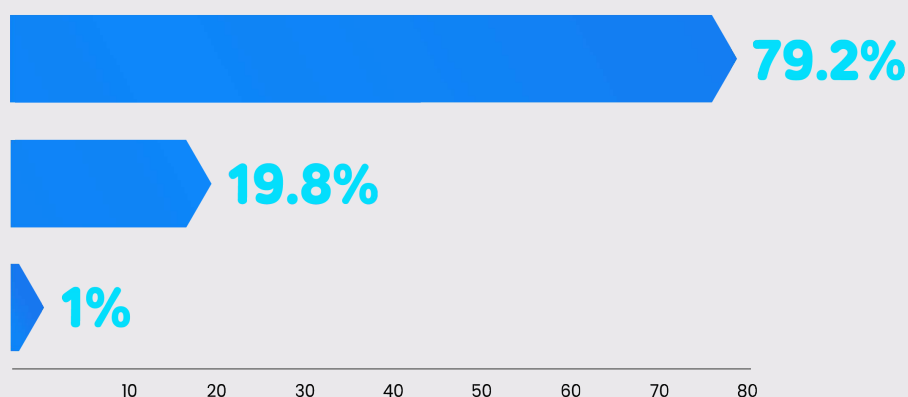
2.1 ZOA Coin Specifications



ZOA COIN SPECIFICATIONS

Name	: Zotova
Ticker	: ZOA
Algorithm	: Quark-Pos-MN
Max Supply	: 100.000.000 ZOA
Block Time	: 15 Second
Block Size	: 3MB
Masternode Collateral:	2000 ZOA
Block Reward	: 5 ZOA
Premine	: 100.000 ZOA

2.2 ZOA Coin Distribution



Masternode : 79.200.000 ZOA
Proof of Stake : 19.800.000 ZOA
Premine : 100.000. ZOA



PREMINE

Premine is the making of coins before the genesis block is run or the coin code before it is published or launched, which developers use to run their projects and form ecosystems such as team development financing, project development, advertising, bounties, airdrops etc., all of which are in fencing is only 1% of the total supply of Zotova coins or as much as 100,000 ZOA.

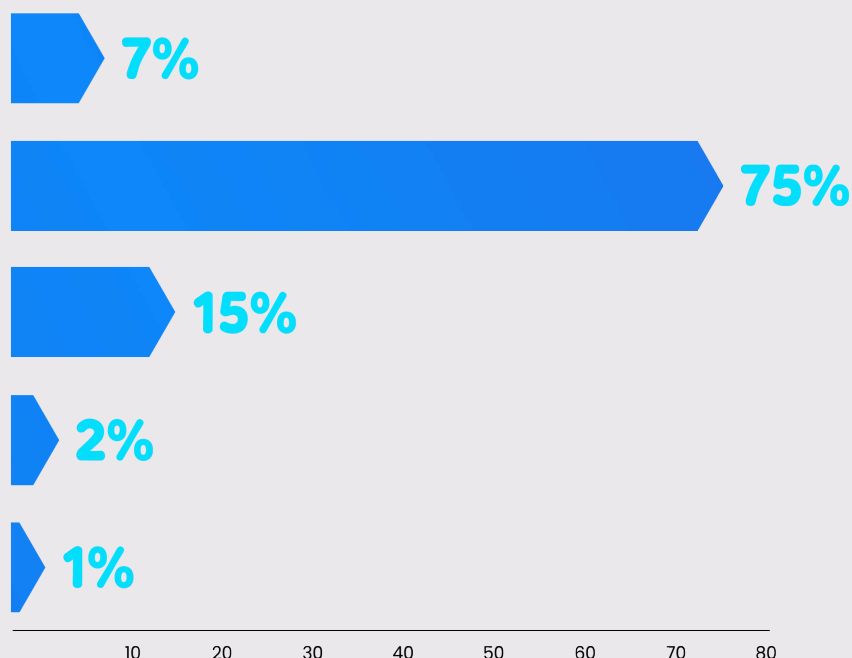
PROOF OF STAKE

Proof of Stake which is estimated in Zotova coins is 19.8% or 20%, in its Zotova application coins of digital 19,800,000 assets ZOA by , so simply ZOA staking coin by loyalists holding can get Zotova coins additional in the core. Wallet or CPU wallet with a nominal value that is not specified.

MASTERNODE

The masternode in the Zotova coin system is budgeted at 79.2% or 78,200,000 ZOA in distribution to reward the Zotova coin holders with a minimum of 2000 ZOA, this is a form of more appreciation to our community.

2.2 Premine Distribution



Team Development	: 7.000 ZOA
Project Development	: 75.000 ZOA
Advertising	: 15.000 ZOA
Bounty	: 2.000 ZOA
Airdrop	: 1.000 ZOA



TEAM DEVELOPMENT

We allocate 7% of the total premine supply to the team. This is equal to 7,000 ZOA. Our team is developing ZOTOVA and promoting it to the community.

PROJECT DEVELOPMENT

ZOTOVA pays special attention to long-term development. And we allocate 75% of the total premine supply for project development of 75,000 ZOA Coin.

ADVERTISING

We allocate 15% of the total premine supply or 15,000 ZOA Coins for advertising, we are confident that consistent advertising will bring ZOTOVA to the gate of success.

BOUNTY

Our promotional event is Bounty, with a total supply of 2% of the total supply of Premine or 2,000 ZOA Coin.

This is a rewards program for users for participating in ZOTOVA platform development and improvement.

AIRDROP

Another promotional event is Airdrop, with a total supply of 1% of the premine of 1,000 ZOA coins. We recognize the important role of internet citizens for zotova branding with the concept of benefits; then, get free ZOA coins.

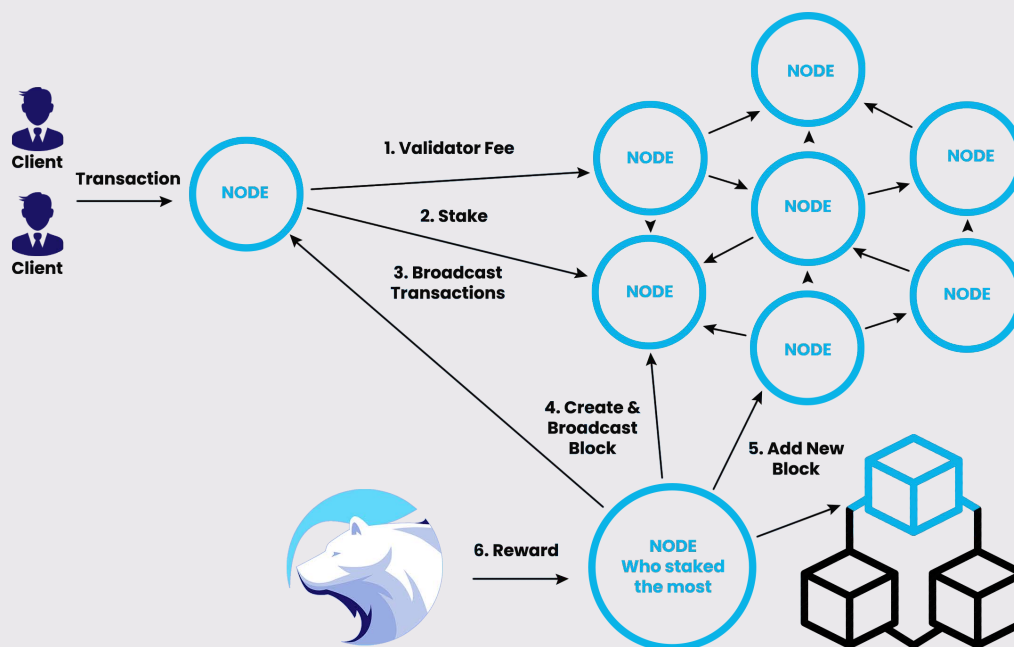


3. Technology of Zotova

3.1 Proof of Stake

Proof of Stake (PoS) is a consensus algorithm that is used to validate blocks. This consensus method replaces the mining process in PoW with token ownership. The token holders do not need to do complex mathematical calculations, just by holding Zotova coins in certain locations. The greater the coins held in the staking process, the more likely the coin owner to get a prize in the form of transaction fees or gifts in the form of blocks in the blockchain network.

The selection of validators who have the right to validate and create blocks is done randomly. This is done to provide equal opportunity to all coin holders to participate in the consensus process. Thus, there will be no monopoly or market domination by those who have large amounts of coins.



3.2 The Virtue of Proof of Stake

- People can mine depending on the amount of coins held
In PoS, there is no such thing as competition. Anyone who has a coin has the right to follow the consensus process. The existing system will randomly choose the right party to validate the block.
- System POS makes attack 51% more expensive
The use of the PoS and PoW consensus protocol is applied not only to determine who has the right to add new blocks to the network, but also to prevent the entry of malicious blocks into them.



In PoW, the addition of malicious blocks can only be done by parties who have computer power that is bigger and stronger than that owned by 51% of the existing network.

In Pos, adding malicious blocks can only be done by parties who have 51% of the total cryptocurrency in the network.

- More decentralized but requires hard work to build a coin community.
- The creator of the new block is chosen in a deterministic way.
- POS system has no block prize, miners take transaction fees.

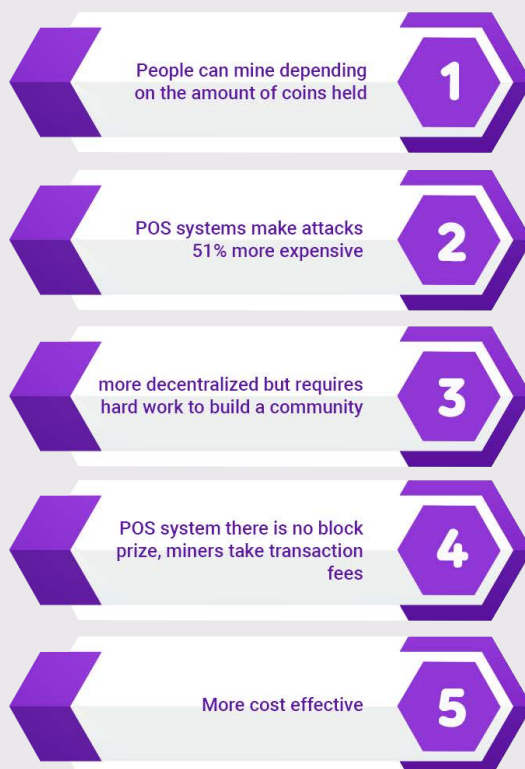
In PoW, miners who successfully solve mathematical puzzles and have the right to add new blocks to the network will receive prizes that are generally in the form of tokens from the cryptocurrency.

In PoS, the party chosen to carry out the block validation will get a prize in the form of a percentage or part of the total transaction fee that has been done.

- Lower Cost/Energy

because to validate the block it is enough to use coin staking which tends to be cheaper and does not require devices that have high electricity loads, this post system is far more environmentally friendly and energy efficient, compared to the POW system which will require waste of electric power to carry out the mining process

Proof Of Stake



Proof Of Work





3.3 Masternode

Zotova Masternode is a network server that stores transaction data (blocks) in real time, and confirms this so that it is the same as you run a full and active bitcoin wallet.

Masternodes are servers found on decentralized networks that have a number of features including direct delivery, personal transactions and instant transactions. Then, the features in masternode distinguish it from ordinary nodes because ordinary nodes are very limited. And because masternodes have more complex functions than usual, they require significant investment to have.

Masternode owners get a significant reward for their investment by getting a share of the block prize. The reward system for masternode owners is very dependent on the particular Blockchain network that they run. Some networks reward masternode owners once a day while other rewards send several times a day.

However, the masternode function is much different because this network performs several other functions besides just storing transaction data (blocks) and confirming, including :

- Increase transaction privacy
- Make instant transaction
- Activate budget and treasury system
- These Masternodes don't stand alone but they always communicate with other nodes to create a decentralized network.

It is important to note that having a masternode is not the same as mining. Some people mistakenly assume that the masternode is an extension of proof-of-stake (PoS). On a proof-of-stake (PoS) network people are valued for having bets or positions in the cryptocurrency. But masternode is not limited to PoS and Proof-of-work (PoW) networks.

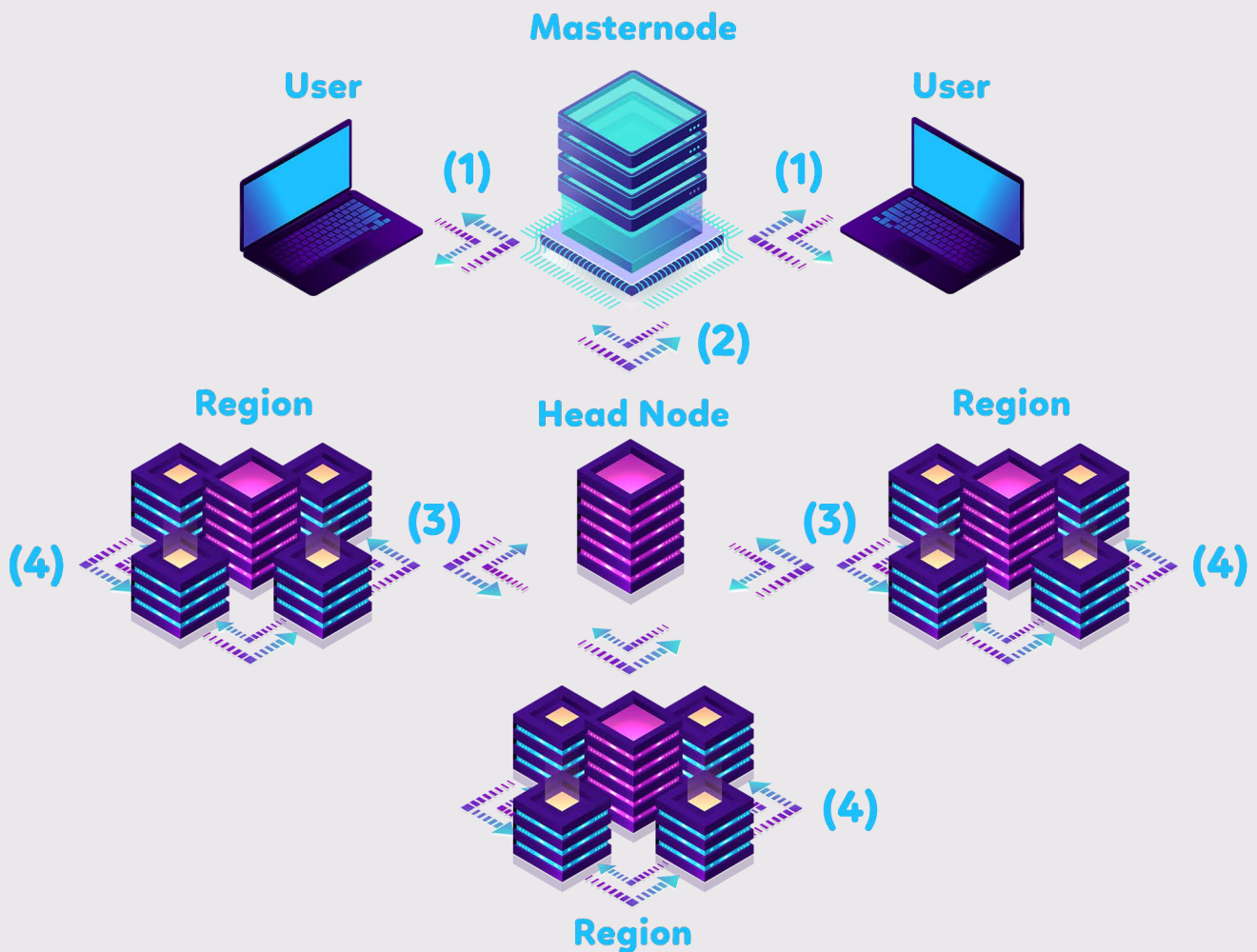
Masternode owners can generate passive income by holding on to large amounts of coins. Unlike miners who need to purchase and operate expensive mining equipment before they can earn income, masternode owners earn income based on a number of factors related to the network in which their masternode is run.

3.4 The Advantages of Masternode

Zotova's masternode gets a certain portion of the prize for each block. This can be a passive income for masternode owners minus their operational costs. Zotova's masternode doesn't eat much capital than mining.

3.5 Requirements to be a Masternode

To build a ZOTOVA Masternode requires 2000 coins as collateral, 2000 ZOTOVA coins must be transferred to the masternode address that you will create and you run a 24-hour nonstop wallet. You don't need to worry because the coin stays in your wallet so you can still control the coin. If you take the guarantee coin automatically the masternode will not run.



1. Jobs are submitted by the user
2. Masternode schedules the jobs to region
3. At regions head node schedules the jobs to node
4. Jobs are executed



3.6 Pos And Masternode Structure Reward

REWARD ALLOCATION

Start Block	End Block	Block Reward	Total Reward
1	1000001	5	5000000
1000002	1100002	2	200000
1100003	1150003	1	50000
1150004	1200004	0,5	25000
1200005	1210005	0,25	2500
1210006	1510006	0,05	15000
1510007	1610007	0,025	2500
1610008	4731860008	0,02	94605000

REWARD ALLOCATION

POS %	MASTERNODE %	Total Reward POS	Total Reward MASTERNODE
20	80	1000000	4000000
20	80	40000	160000
20	80	10000	40000
20	80	5000	20000
20	80	500	2000
20	80	3000	12000
20	80	500	2000
20	80	18921000	75684000



4. ZOA WALLET

4.1 ZOA Mobile

ZOA team wants to pamper its users by providing a mobile wallet in the Android and iOS systems, this aims to make it easier for users to control their assets as if at hand, many unique features available in this application, many third-party partners that we provide space in various features, as well as third party merchants we focus on in this mobile app.



in accordance with our motto "Genius technology for humanity" we present as efficiently as possible a mobile application that ordinary people / new users can easily run without special skills.

Zoa Mobile is very relevant for your busy transactions, because it is very simple enough with your mobile phone to fulfill your business transactions.

4.2 ZOA Browser Extension

Zoa browser extension is a Reliable Crypto Wallet.

Zoa browser extension is a cryptocurrency wallet that can be used in Chrome and Firefox. It is also a browser extension. This means that it works like a bridge between a normal browser and the ZOA blockchain.

Blockchain ZOA is a network where users can build their own applications (called dApps) and cryptocurrency. Zoa browse can be used to store keys only for zotova crypto digital assets.

So, the purpose of the Zoa browser extensions wallet is to store zotova token keys in two different web browsers. It also allows users to browse the zotova blockchain from a standard browser. Other features it has.

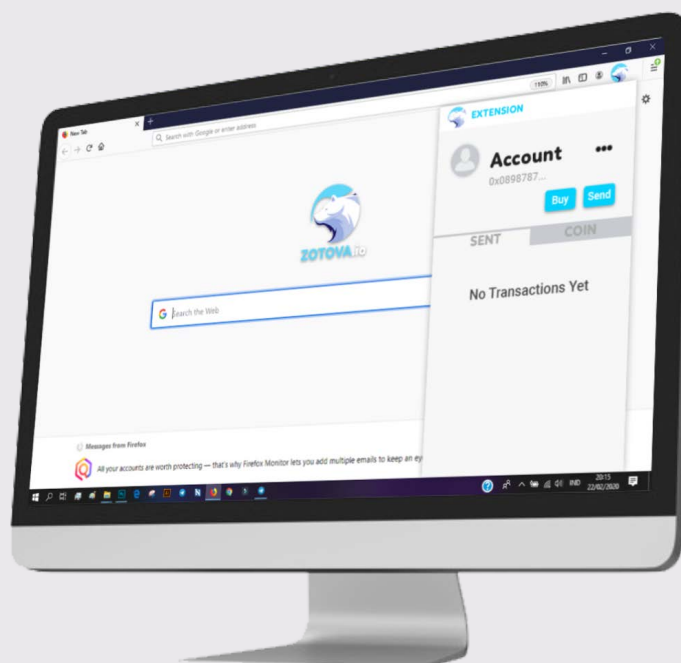
4.3 Features of ZOA Browser Extension

- Open source: This means that all Zoa browser extension code is online and free to access. You can build your own version at home. Open-source software or software can be reviewed and updated by the community, which means it can be continuously improved.



- HD settings: Namely Hierarchical deterministic settings. This helps users back up their accounts. ZOA browser extensions does this by giving users a list of words called seed phrases. The seed phrase can be used to reset lost account information.
- Purchase of default coins: Or built-in coin purchasing. ZOA browser extension is connected directly to two exchanges where users can buy cryptocurrency. Users can choose ZOA dex to buy ZOA coins, Customer support: ZOA browse wants to involve as many people as possible with the Zotova network. It has an introductory video on the home page as well as a detailed support page.
- Simple interface: Once set, the ZOA browser extensions is very easy to use. All of its features are clearly laid out so that sending and receiving currencies is easy, even for beginners.
- Local key storage: Some wallet providers store keys on their own servers. This is common in exchanges that provide wallets, such as ZOA dex. The ZOA browser key is stored in the user's browser, not on a remote server. This gives users more control over their public and private keys.
- Community: ZOA browser is an important part of the ZOTOVA community. because it will integrate directly into proposed projects from the community.

we provide this ZOA browser extension which is one of our software components in the form of a wallet that can only be accessed using a PC browser which will directly synchronize with the ZOA project when we log in to the ZOA browser wallet, because the basic ZOA browser extensions is directly connected to the ZOA blockchain network, so you no longer need to transfer your ZOA assets to official platforms that are integrated with ZOA browser extensions, this makes it very easy for new users who don't have to worry about ZOA asset security which is used for transactions with third parties in cooperation with ZOA Project





4.3 ZOA Desktop Wallet

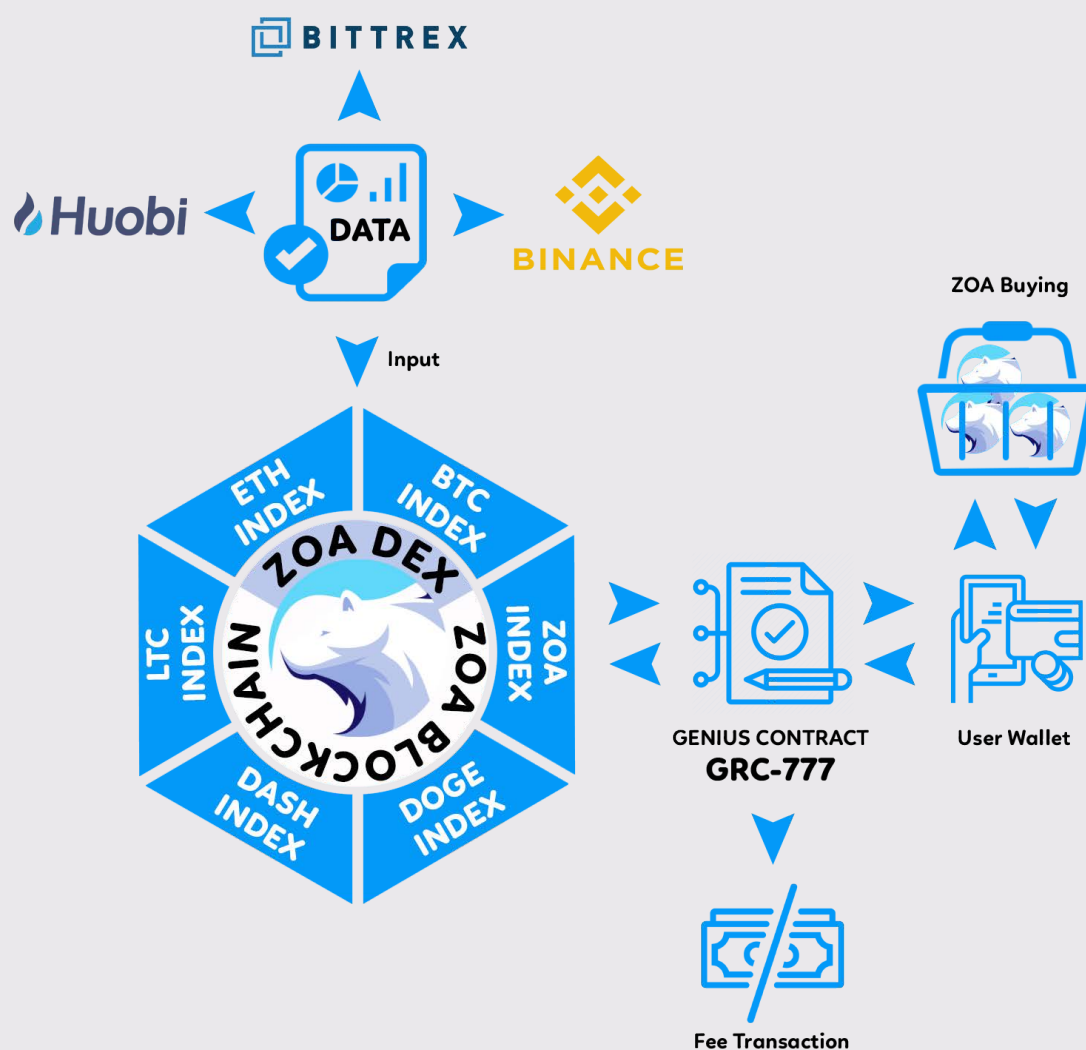


ZOA Desktop is a core wallet owned by ZOA Coin that has a super security system, some special functions of zoa desktop rather than other wallet is that it can be used to make a masternode and staking zoa coins, only with ZOA desktop these two programs can be run with a minimum computer specifications 1x1Ghz CPU, 2GB RAM, 20GB HDD, NETWORK 400GB / mth, while for masternode and staking users must use a static ip or 1 node = 1 ip address



5. ZOADEX

In general, cryptocurrency trading portals are in the form of centralization, this hurts the greatness of cryptocurrency whose principle is decentralized, therefore ZOADEX presents a decentralized platform as a whole or in total that fundamentally impacts that this platform does not conduct fundraising or in short language no broker no bookie, due to the absence of deposit patterns from ZOADEX platform users.



For the use of all transactions using ZOA coins that are built using the quark algorithm based blockchain, so ZOADEX using the blockchain itself does not hitch a ride on another blockchain such as the ETH, or NEO blockchain.



Zoa Dex features are designed with sophisticated technology but are still easy to use even for the beginners



besides ZOADEX has also been integrated with ZOA browser extension. so the user does not need to make a deposit manually.



6. Genius Contract

Genius contract which will later be called GRC-777 is the application of code on the blockchain that aims to bind agreements or agreements between several parties.

The genius contract system can increase trust thanks to the use of permanent codes that cannot be changed.

The most fundamental thing from zoa blockchain is a decentralized system, eliminating the existence of a third party as a central figure, so as to promote transparency. One technology that utilizes the Zoa blockchain is the genius contract.

Using the cryptocurrencies transaction method certainly makes it easy for the parties to directly execute the agreement through contract crypto technology when breach of contract conditions occur. It is this nature of 'self-executing' that clearly distinguishes what is a genius contract and what is an ordinary conventional contract. Ordinary contracts only define what the rules are and how the punishment (penalties) are applied.

When entering into the conditions of agreement between the two parties, the validation of the validity of the genius contract is verified to address the parties to reach consensus. Consensus includes agreements to use certain types of cryptocurrency to execute contracts. After the consensus was agreed, then what had been stated in the genius contract could no longer be changed, because that was known by its character as Immutable.

The advantage, this automatic execution will certainly cut the existence of intermediaries (intermediaries in transactions) in proving the validity of the transaction. Not surprisingly, the distribution of documents to many addresses will clearly make copies of the original contract difficult to change so that no intermediary information is needed.

In the end, the use of a genius contract can increase the confidence of the parties in designing the contract, considering the documents are also stored securely encrypted in a technology known as distributed ledger (DL).

For information, DL is an identical transaction recording system on many computers (document decentralization). That way, the possibility of contract manipulation by third parties can be anticipated from the beginning through

DL. "The documents will also be duplicated in very large numbers, so it is difficult to change".

Plus in one system, document security is also maintained thanks to cryptographic technology and several layers of security systems built in the genius contract. Errors or mistakes in writing contracts due to filling data into many formats manually can also be anticipated through smart contracts. With error detection technology, contract accuracy is guaranteed.

The Zotova project sets standards with three optional rules and six BASIC rules in Genius contract.



OPTIONAL RULES

- Token Name
- Symbol
- Decimal (up to 18)

BASIC RULES

- Total Supply
- Balance Of
- Transfer
- Transfer From
- Approve
- Allowance



7. Conclusion

ZOTOVA was prepared from the start to bring optimal solutions to real problems: structural challenges affecting the conventional trading industry. And to provide exclusive benefits and innovative features on top of this solution. We believe we can achieve this by developing a decentralized platform which is a unique blend of modern Blockchain technology, gamification and social elements, and user comfort.

The ZOA DEX platform will provide a truly interesting and beneficial experience for market participants. And its superior security, transparency and simplicity will open the door to a truly new target audience: the problems of conventional commerce are intimidated by the problem of trust and the complexity of the current solution.

ZOTOVA is equally well positioned to attract businesses and companies. To grow the ecosystem around the platform, we will meet the needs of entities such as conventional trading agents, third-party developers, and legal customers.

All solutions will be used by ZOTOVA COIN which has multiple functions. ZOTOVA is the digital asset behind every trade transaction, financial rewards paid to third-party developers, and the main fuel for the functioning process on the ZOA DEX platform.

Our short and medium term goals are to create the best social trading platform in the market, expand it from local commodities such as staples, seafood, get a large user base, and provide solid finance. Our long-term vision is to develop a broad ecosystem of partners, customers and other operators, and to set ZOTOVA coins as a global Trade standard.

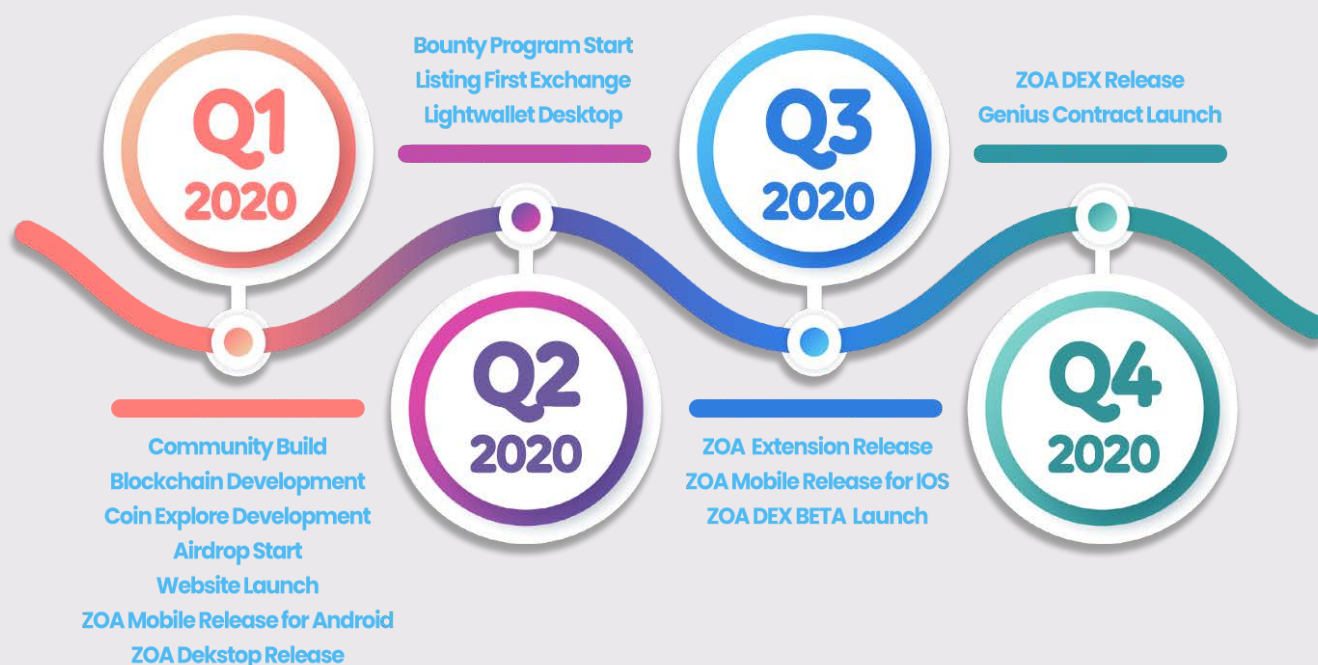
The journey to achieve this vision will not be easy, and the final target is very ambitious. But we have the team, competence, and passion to turn this vision into reality.

If you have questions or just want to contact us, we will be happy to hear from you on one of our social channels. But if you are ready to be part of a great success story and support the growth of a unique project, be sure to contribute to disseminating this project information to a general audience.



8. Roadmap

The development of the ZOTOVA project was carried out in several stages, from building a community, developing a blockchain, developing a Coinexplore, to launching the ZOA DEX Release. The Chainpay development process took place from 1st Quarter of 2020 to the 4th Quarter of 2020. As described below:





9. Team



Bjorn Medernach
Chief Executive Officer



Andi Muhammad AP
Chief Marketing Officer



Mr. Sahil Suresh
Chief Technology Officer



Irvan Tisnabudi
Advisor



10. Disclaimer

The "ZOTOVA" or "ZOA" digital assets referred to in this project, have complete and independent value that is separated from the project team. Trading behavior on different digital asset trading platforms, environment market and level of acceptance of market entities will determine and change value of ZOTOVA as a digital asset. This value is determined by the recognition of the value and exchange rate of relevant market participants.

The digital asset market can have greater price volatility caused by unstable policies regarding blockchain in Asian countries and regions throughout the world. Usually prices face drastic fluctuations and values. Your ownership can increase or decrease by more than 100% in one day. Although this can mean potential big profits, this can also mean potential big losses. The team cannot guarantee ZOTOVA's value as digital assets from time to time, also ROI from masternodes can depend on several conditions and cannot be considered a guarantee of financial returns.

The project team also cannot guarantee the storage, retrieval and modification of relevant virtual assets of your digital assets. You are solely responsible for holding ZOTOVA in trading or digital asset portfolios, also provided by the team, represent understanding and willingness to accept the risks.

Given the changes in the ongoing regulation of blockchain, cryptocurrency or intangible technology assets by governments around the world, the team has all the rights to modify, delete, add, revoke, and interpret the related behavior of some or all of the contents of this document at any time, adjusted to the laws and regulations, and the actual conditions of each region.

You confirm that you are free to rate the content of the project team and project services, and bear all risks arising from the use of the contents of this document, including risks arising from beliefs about the truth, completeness or practicality of the contents of this document.

ZOTOVA as a digital asset cannot be considered as a bond or any form of security, nor is it a project team, equity, shares, ownership or control of the company. For this reason, you **DON'T HAVE TO INVEST ALL MONEY IN EVERY DIGITAL ASSET**. Just invest the money you are willing to lose.

Cryptocurrency trading may not be suitable for all users of this website. Anyone who wants to invest in cryptocurrency must consult with an independent professional fully qualified financial advisor. ZOTOVA Team and the project itself faces many risks, including but not limited to the world economy and environment, blockchain development, company operations, and other unexpected events that can occur at any time or force the project to stop development operations.

The project team cannot and will not be responsible for loss or damage caused by your own actions, you who is fully responsible for the ownership of your digital assets and the storage of your private key.



This document is solely aimed at describing and illustrating ZOTOVA's technical development as well project and describe the targets set by the development team. An introduction and a basic description of project conditions in this document serves as an invitation to the general public.

The information provided in this document is in no way an investment advice, financial advice, trading advice or other similar advice, and you should not treat any such content.

Nothing in this document can be considered as an offer to buy any digital assets. Do your own rights perseverance and consult with your financial advisor before making any investment decisions

