

# EXOSIS



## Whitepaper

[EXOSIS.ORG](http://EXOSIS.ORG)



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# Abstract

**The cryptocurrency industry has been growing exponentially over the past couple of years. Currently, it is maintaining the market capitalization at \$250-300 billion. This indicates that it is a market that has investment potential. However, many of the coins or cryptocurrencies are quite volatile. The main reason for this is that most of them are speculative coins only driven by demand and supply forces.**

The Exosis development team realized that the best way to create a good cryptocurrency platform is by creating a multi-functional platform that has utility. Exosis is a realization of the dream. It features five different platforms in one. It has a decentralized exchange, a decentralized e-commerce site, an OTC platform, a Virtual Masternode, and a multiplatform e-wallet. These five different business models all rely on the Exosis coin. This gives Exosis coin utility, unlike most other cryptocurrency platforms.

The result is a platform that offers users multiple ways of earning. If you are a trader, you can use the OTC platform and the decentralized exchange to trade coins with other to make a profit. If you simply want secure e-commerce, the decentralized e-commerce site will protect your money and personal details while offering cheaper transaction costs. If you are a miner or prospective miner, you can decide to run a full masternode of Exosis or you can use the virtual masternode if there are any restrictions on the hardware or the internet connection from your place. As a result, Exosis is a true ecosystem that is sustainable and with little volatility due to the utility offered by the five business models.

# 1. Introduction

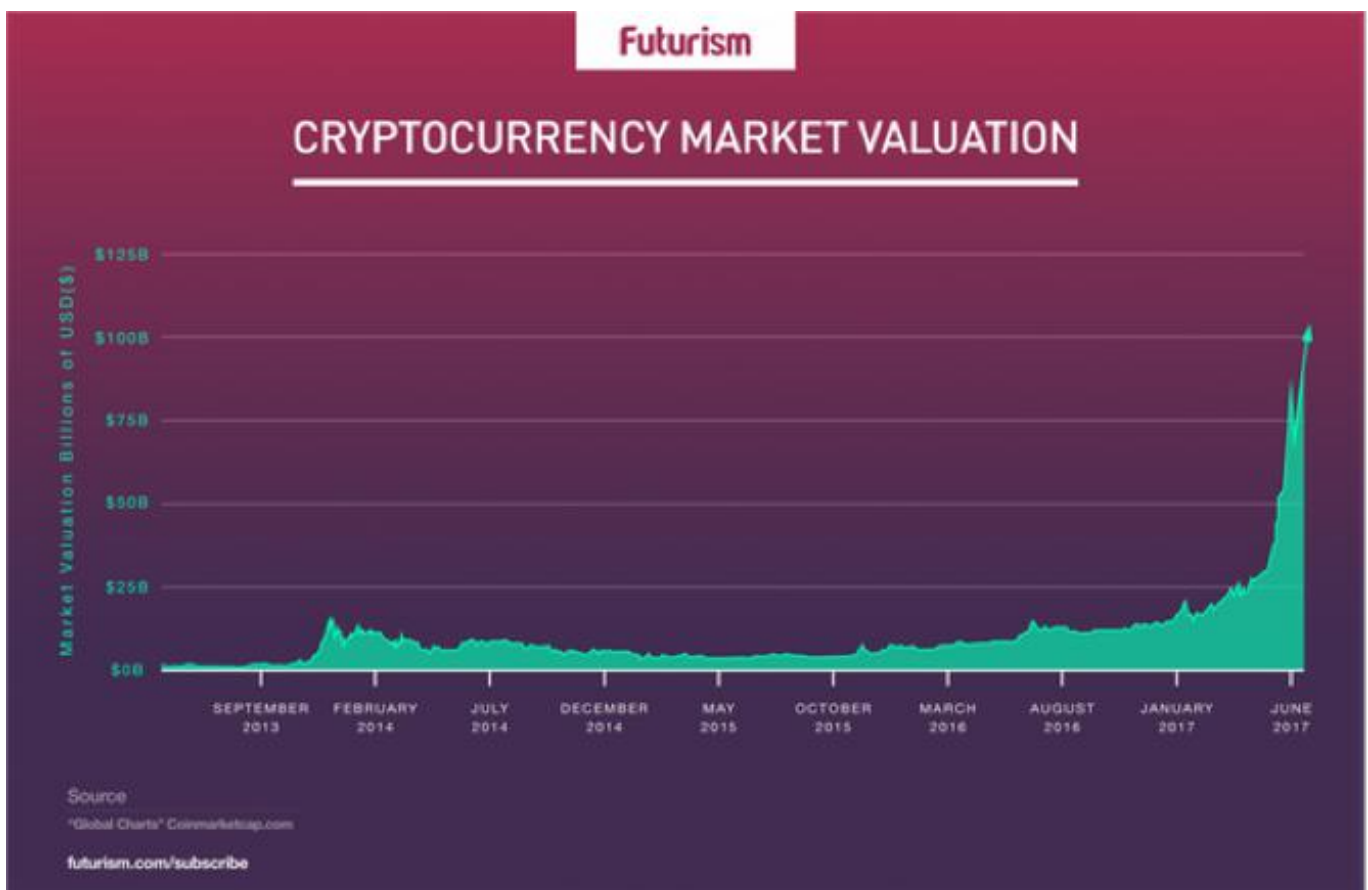
## 1.1 MARKET OVERVIEW

The cryptocurrency industry is now a mainstay of the financial industry. Despite the recent decline, the industry has had exponential growth. The industry grew by over 2000 percent in 2017. The industry was worth only \$17.7 billion at the start of 2017, but by the end, the industry had grown to a market capitalization of \$600 billion. Currently, the industry has been fluctuating at between \$250-300 billion in capitalization.

This increase is also seen in the volumes of cryptocurrencies that have been traded. Bitcoin and Ethereum are the two largest cryptocurrencies, and a look at their use can provide insight on the rising popularity of cryptocurrencies. The total number of Bitcoin wallets shows that there are 24 million wallet holders. This means that around 24 million people around the world have Bitcoin wallets.

Another statistic that can be reviewed is the number of active users on the different platforms. At its peak, there were over a million active Bitcoin users daily. The number has slightly waned to around 300-400,000, but this is still an indication that a lot of people are using Bitcoin for daily transactions.

The biggest allure to the cryptocurrency industry is the investment opportunities that it offers. Unlike the Forex market, the cryptocurrency industry has some attractive spreads that maximize earnings for investors. As a result, many investors are willing to invest in the industry because of the potential earnings that they can get. Additionally, the industry has been propped up by the numerous different ICOs (Initial Coin Offerings). These coin offerings allow investors to buy coins or tokens from a cryptocurrency platform while it is in its starting up and then HODL the tokens till the value rises. This has made some traders millionaires.





## 1.2 INVESTMENT OPPORTUNITY

Since it is a rapidly growing industry, it presents numerous different opportunities for investors. One of these opportunities is the need for decentralized exchanges. Exchanges are the gateway to the cryptocurrency industry. However, many of them are centralized. The result has been pressure from governments that are trying to regulate the industry through these exchanges. An investment opportunity that exists is investing in decentralized exchanges. These are the future of the cryptocurrency industry because they offer the same privacy and security that cryptocurrencies themselves offer.

There are many other investment opportunities in the cryptocurrency industry. One of them is the cryptocurrency mining or staking. This involves providing consensus for cryptocurrency blockchains. This may be hardware intensive, but the rewards are guaranteed based on the payout that is provided by the cryptocurrency. It offers a risk-free way of investing in cryptocurrencies if trading or Hodling are not your taste.

# 2. Exosis

## 2.1 WHAT IS EXOSIS?

Exosis is a blockchain platform that seeks to provide users with an ecosystem where they can invest in the cryptocurrency industry with ease. The developers understand the potential of the cryptocurrency industry as well as the risks associated with investing. They decided to create an ecosystem where investors can invest in the industry risk-free while providing a new cryptocurrency that is more functional. This is achieved by combining five different cryptocurrency businesses into one. This provides utility for the Exosis coin while offering users an opportunity to earn in different ways. These four businesses are a decentralized exchange, a virtual masternode, a decentralized e-commerce site, an OTC platform and an e-wallet for users.

These five different platforms in one will run on Exosis coin.

## 2.2 TOKEN ECONOMICS

The only way to succeed in the cryptocurrency industry is by differentiating yourself from competitors. Most of the altcoins are Ethereum-based coins that only offer one of the highlighted businesses. Unfortunately, this means that investors have to speculate a lot. Such coins are driven more by demand and supply trends making them volatile. Exosis hopes to be different by first relying on its own mainnet. This allows us to control the security and the scalability of the platform truly. Second, having five different businesses on the same platform provides the Exosis coin with utility. The coin will be used to pay transaction fees on these five different sites creating a constant demand for the coin. This will enable the Exosis coin to appreciate. The coin will be less volatile and more lucrative over time making it the perfect coin for Holding. The passive income opportunities for these businesses will also endear investors who want to make a consistent profit on their investment with relatively low risk.



# 3. Features of Exosis Platform



**As highlighted, this is not simply a platform that relies on one business model. It is an ecosystem with five different business models linked to the same platform. As a result, the separate businesses all have distinct features.**

## 3.1 DECENTRALIZED EXCHANGE

A decentralized exchange will be one of the core components of the Exosis ecosystem. Recently, there has been increasing challenges facing established cryptocurrency exchanges due to increasing regulation, security issues, and order processing speeds. The Exosis exchange is a decentralized exchange. A decentralized exchange is a decentralized market that does not rely on a third party service so as to hold customer funds. The exchange will be completely anonymous and decentralized which means there will be no government involvement.

### Trading Fees

The EXO amount in trading balances in USD	Discount in trading fee
\$10,000-19,000	10% discount
\$20,000-29,000	20% discount
\$30,000-39,000	30% discount
\$40,000-49,000	40% discount
\$50,000-No limit	50% discount

## The Exosis exchange main features will include;

### ORDER PROCESSING

Order processing is an important part of a cryptocurrency exchange. The Exosis Exchange order processing will be made more efficient to ensure top quality for our service. Blockchain based exchanges have lower order processing speeds which lower the quality of services. The Exosis exchange will have order processing speeds of 10,000 transactions per second. This means that our service will be faster than other Blockchain based exchanges which normally have order processing speeds of up to 2000 per second. We won't run on blockchain order processing based on the blockchain technology is 200/minutes based on the block generate time.

### DECENTRALIZED CHAT

This will be an integral part of the exchange where our users will be able to rate each other. This is where users will have the power to up vote and down vote each other. This system will ensure that users trustworthiness will be based on users vote score and if the vote score is negative such users will get an automatic ban from the chat. It is important to note that there will be no restriction on the posting of content. Users will be free to post any type of content since other users will be able to up vote depending on the quality of one's content.

### AUTOMATIC DEPOSITS AND WITHDRAWAL OF FUNDS

Exosis exchange will have a system of ensuring automatic deposits and withdrawals. Also, we will have no control over the user's funds. The automatic deposit and withdrawal feature of our platform will enable users to convert.



## COIN LISTING

Our platform will have a coin listing feature. This feature will allow for listing of a coin after vote ranking, but the software of the coin will be checked issues and compatibility. This particular component of our platform will allow for enough liquidity in our ecosystem since the listing of new coins in exchanges brings in a lot of liquidity. For new coins aiming to list on our platform, we will ensure we carefully check for software so as to ensure the safety of our clients.

## TRADING API (FOR TRADERS AND MERCHANTS)

Our platform will also provide a trading API that can be used by both merchants and traders. This trading API can be integrated into auto trading bots and then the merchant API which can be used by merchants to integrate them into their businesses. This will enable them to collect payments through Exosis. This is a very important feature of our platform since APIs are omnipresent in today's financial ecosystem. It is a program that enables one software application to interact with another. In this case, a trading API for the Exosis exchange will allow for traders to employ their trading bots. This is particularly useful for traders who run their own algorithmic models on their trading systems and want to receive live pricing and be able to execute trades, either manually or automatically. Also, merchants will be able to use our API to collect payments from their customers using Exosis. This feature, therefore, will have the potential to bring in a lot of users to our platform.

## SECURITY

Since the evolution of cryptocurrencies, exchanges have faced severally security issues. Security is the single most problem that affects cryptocurrency exchanges. For instance, the incidence with Mt. Gox cryptocurrency exchange that went down. In 2015, a Hong Kong based exchange, MyCoin shut down and about \$386 million worth of cryptocurrency disappeared from the company. In another case, GBL a cryptocurrency exchange based in China went offline in 2013 and disappeared with users' cryptocurrencies. Exosis understands the need for an AA+ level of security which is very important for users to trust our platform. The A+ security that we will provide on the Exosis platform can be checked on Mozilla observatories such as X-XSS, X-Frame, CSRF, CSP, CORs HPKP, HSTS, and secure cookies. This way our users and prospective customers can always check our levels of security, just to make sure we have adequate levels of security that can handle their transactions and cryptocurrencies safely.



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### 3.2 A VIRTUAL MASTERNODE

One of the best ways to make a good income in the cryptocurrency industry is by investing in staking or mining. This typically involves running a node or a masternode to provide consensus to the blockchain. Exosis will allow users with the necessary hardware to run the masternode with ease. Typically, a masternode requires an individual to use a powerful computer that can run a full node of the blockchain. Most normal staking or mining does not require a full node, but a masternode requires the wallet and the blockchain to be completely synced. This provides handsome returns on investment especially considering Exosis coin will not be volatile. All you need to do is have the full version of the wallet and stake at least 10,000 coins to run one node. You should ensure that the money remains staked in the wallet and that internet connection and power is constantly available during the duration of running the masternode.

We understand that not everyone has the hardware or internet connection to

run a masternode. We wanted to offer this opportunity to others by creating virtual masternodes that users can run without the hardware. It offers our users a passive income opportunity. The requirements to run a virtual masternode will be only 100 coins. The rewards will be the same as running the core wallet, but the difference is that the duration of staking will be locked. We will offer flexible durations of 1, 3, 6 and 12 months.

Based on the Blocktime period, we charge 10%, 7.5%, 5% and 2.5%. For instance, if they locked for 1 month and started with 100 coins and their reward is 1 coin for the month we charge 10% as 0.1 we credit them as 0.9. If they lock for 3 months, we charge 7.5% each month like that for the remaining lock time. This is the virtual master node site will have wallet support and multi crypto deposit and withdraw option.





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### 3.3 DECENTRALIZED E-COMMERCE SITE

We are also hoping to launch a decentralized e-commerce site that is paid using Exosis coins. This will provide utility for the coin while giving users a risk-free way of making online purchases. E-commerce businesses are the biggest target of hackers and phishers because of the vulnerable payment system.

Additionally, some purchases take days to execute especially when the purchases are between different countries and regions.

The Exosis e-commerce site will solve these two problems simultaneously. Your personal information and money will be protected by the blockchain securing every transaction. There will be no fraud because the transactions are all recorded in the immutable ledger. The money paid will be held in escrow until the goods are delivered to the customer to prevent any fraud.

We will provide the site with full proof security to ensure that the e-commerce transactions are as secure as the one that we will provide for the Exosis exchange.

The best feature about our e-commerce we will not charge fees for any successive sales. The only fees that we will be charging will be withdrawal fees based on our blockchain and the services that we support. Additionally, buyers on our e-commerce platform will have no need to sign up or verify KYC. Users will have the ability to buy on the go without necessarily having to do all those processes.

For digital goods, there will be no escrow system, since delivery will be instant downloads for both sellers and buyers. However, for physical goods, we will have an escrow system that will confirm delivery of goods.

Buyers will be able to pay with Exo or other supported cryptocurrencies through the coin voting system. During the process of purchasing, they will be redirected to 15 Min payment page processed through the exchange merchant API. Sellers will have the option to hold both FIAT and Crypto in the platform. They will also have the option of withdrawals in both FIAT and Crypto. These will be backed by an A+ security system just like in the case of the exchange.

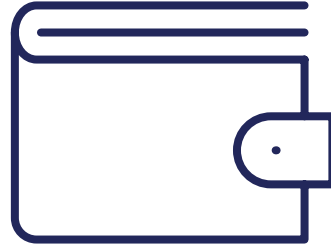




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### 3.4 AN OTC PLATFORM

Since the decentralized exchange provides a platform where individuals can exchange over the blockchain, there is a need for a platform that offers the opportunity for users to exchange between fiat and digital currencies. Any centralized exchange will have the problems enumerated. The developers found that it would be better to provide OTC services on the platform. OTC services simply refer to Over-the-counter trades that occur directly between two individuals. The transactions will rely on Exosis smart contracts to be executed. The platform will hold any money in escrow and only send them to the respective individual once the fiat transactions are approved. This provides a surety that the transactions are authentic and not scams. The beauty of the OTC services is that it will be global as opposed to an exchanged fixed in a specific area. This is the next step in the cryptocurrency industry. This will provide localized cryptocurrency to fiat trading while providing authenticity, transparency, and security to the individuals using the platform. The OTC site will support multiple cryptocurrencies and fiat currency trades beyond the conventional USD to BTC trades most others offer.



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### 3.5 E-WALLET

The final services that will be offered by Exosis are an e-wallet that provides cross-platform functionality. The developers want to ensure that users can keep their digital currencies safe by providing a secure e-wallet. The e-wallet will be secured by using advanced cryptographic algorithms that will ensure that hackers and phishers cannot access the platform. There will be multi-platform support.

First, the e-wallet will be accessible on both Windows and MacOS devices. The rollout of the Linux versions of the e-wallet will be done in the future. Additionally, the e-wallet will be compatible with handheld devices like Android and iOS phones and tablets. The result will be the cross-platform support of the wallet. This will enable users to access their wallets and money on any platform at any time. The wallets will store the information on balances efficiently to ensure that the size does not exceed the storage requirements of many handheld devices.

# 4. Technical Aspects

**The coin will be based on a Mainnet instead of being linked to a parent chain. This means that the security systems will be handled by Exosis allowing us to set the pace and standards for the type of security that will be used. There are certain key features of the platform.**

## 4.1 LANGUAGE AND ARCHITECTURE

The language that will be used in developing the Exosis mainnet will be C++. This is the same programming language used to build the Bitcoin Blockchain. This means language support for our clients will be based on the same type of coding. Language support for our clients for their projects will be completely the same as in the case of the Bitcoin blockchain.

Exosis will rely on a time-travel 10 algorithm. Time Travel 10 algorithm is an ASIC resistant proof of work hashing algorithm. This PoW is both GPU and CPU mineable. By using this algorithm, Exo which relies on GPU mining will also increase the blocktime. Our blocktime is 2.5 minute where our blockchain size is 10MB (Segwit20MB) which is the same as the Bltcore

configuration in comparison Bitcoin Blockchain has a 10 minute Block time and a blockchain size of 2 MB which means that the Exo BlockChain will be faster than that of Bitcoin. Finally, the platform will rely on SHA3 hash ratings that are more advanced than the SHA256 algorithms that are used in another POW-based blockchain. This will make it faster and more advanced than competitors. In addition, our GPU mining power is low which will attract a lot of miners.

Compared with BTC we will be able to handle 48 times transactions per day.

Thus our blockchain will be able to handle more transactions since the size of the blockchain is relatively low with a good scaling.



## 4.2 CONSENSUS APPROACH AND API CLUSTERS

Exosis will be a POW-based system. The proof-of-work consensus is what most robust blockchains like Bitcoin are based on. POS may have benefits, but a properly implemented POW will be better equipped to deal with security issues and utilize some new technology. The POW architecture will also rely on proof-of-authority to ensure that the master nodes and the nodes are not compromised in any way. These nodes serve an important role in the blockchain and protecting them will prevent Sybil and 51 percent attacks on the platform.

APIs can be defined as sets of procedures or instructions that can be used to create apps and algorithms that provide the features of a specific application or operating system. In layman terms, the APIs specify how the different algorithms in an application or software should interact. They are the building blocks of blockchains. The APIs in a blockchain are protocols and subroutines that specify how the different algorithms in a blockchain interact. The API clusters support low latency transactions. This means that it will be able to handle a high volume of transactions on the blockchain at fast speeds. This gives real-time response regardless of how many users are on the platform.

## 4.3 TRANSACTION SPEEDS AND LATENCY

The platform uses intuitive APIs and algorithms that reduce the latency. The low latency allows the platform to handle transactions substantially faster than other platforms. The architecture used by Exosis allows data transfer in Mbs per second rather than KBs per second in existing blockchains like the Bitcoin Core. This substantially increases the volume and speed of the transactions that can be handled by the blockchain.



# 5. ICO

## 5.1 ICO GOALS AND ICO ALLOCATION

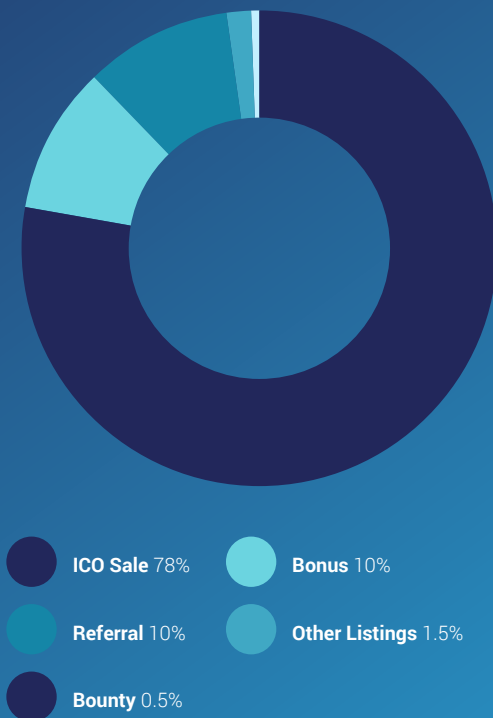
The main aim of the ICO is to support the development of the entire blockchain as well as the individual projects. The firm will start with an initial 21 million Exo. From this, 2 million coins will be pre-mined. The pre-mined coins will be used to prepare for the main ICO. There will be 10 percent used for referrals, 10 percent for bonuses, and 10 percent for the bounty while the rest will be distributed for social media, other listings, and marketing. The rest of the ICO funds will be allocated to the following different functions. There will be 50 percent that will be reserved for market back up, 30 percent that will be used for promotion and advertisement while the remaining 20 percent will be used for development.

From the 50 percent market back up, 25 percent will be used to generate free coins that will be used to prevent market dump. These free coins will be used to pay miners and virtual master node, operators. Every year, the platform will generate 0.5 million coins and a monthly 43,000 coins. The listed price will be

\$5 for every Exosis coin. Miners will receive 5 coins for every block that gets added to the blockchain. This will be shared 90-5 between the master node and node miners. Another allocation that will be offered is a free trading discount.

Traders using the exchange will get discounts based on the following table.

### ICO COIN ALLOCATION



### ICO FUNDS ALLOCATION



Our objectives include:

- Balance a fair coin distribution
- To open up to a wide participant base
- To offer a safe and secure platform of transaction
- To be a positive influence on the community, eliminating any form of overload on the network.

Our goal is to invest in an unlaboured experience where everyone has an equal opportunity to participate and coin purchase, away from any form of frustration. This is expected to influence the much-needed boost to the community.

# 5. ICO

## 5.3 COIN SPECIFICATION

### ICO DETAILS

ICO Start Date	21 - 10 - 2018
ICO End Date	19 - 11 - 2018
ICO Sale Price	\$5 USD
Soft Cap	1 Million EXO
Hard Cap	2 Million EXO
Accepted Payments	BTC, BCH, LTC, DASH, ZEC, DOGE
Bonus Stages	3
Bonus Stage 1	10% (21 - 10 - 2018 to 30 - 10 - 2018)
Bonus Stage 2	5% (31 - 10 - 2018 to 09 - 11 - 2018)
Bonus Stage 3	0% (10 - 11 - 2018 to 19 - 11 - 2018)
Referral Commission	10%
Promotion Bounty Program	0.5%
Other Listing Services	1.5%

### COIN SPECIFICATION

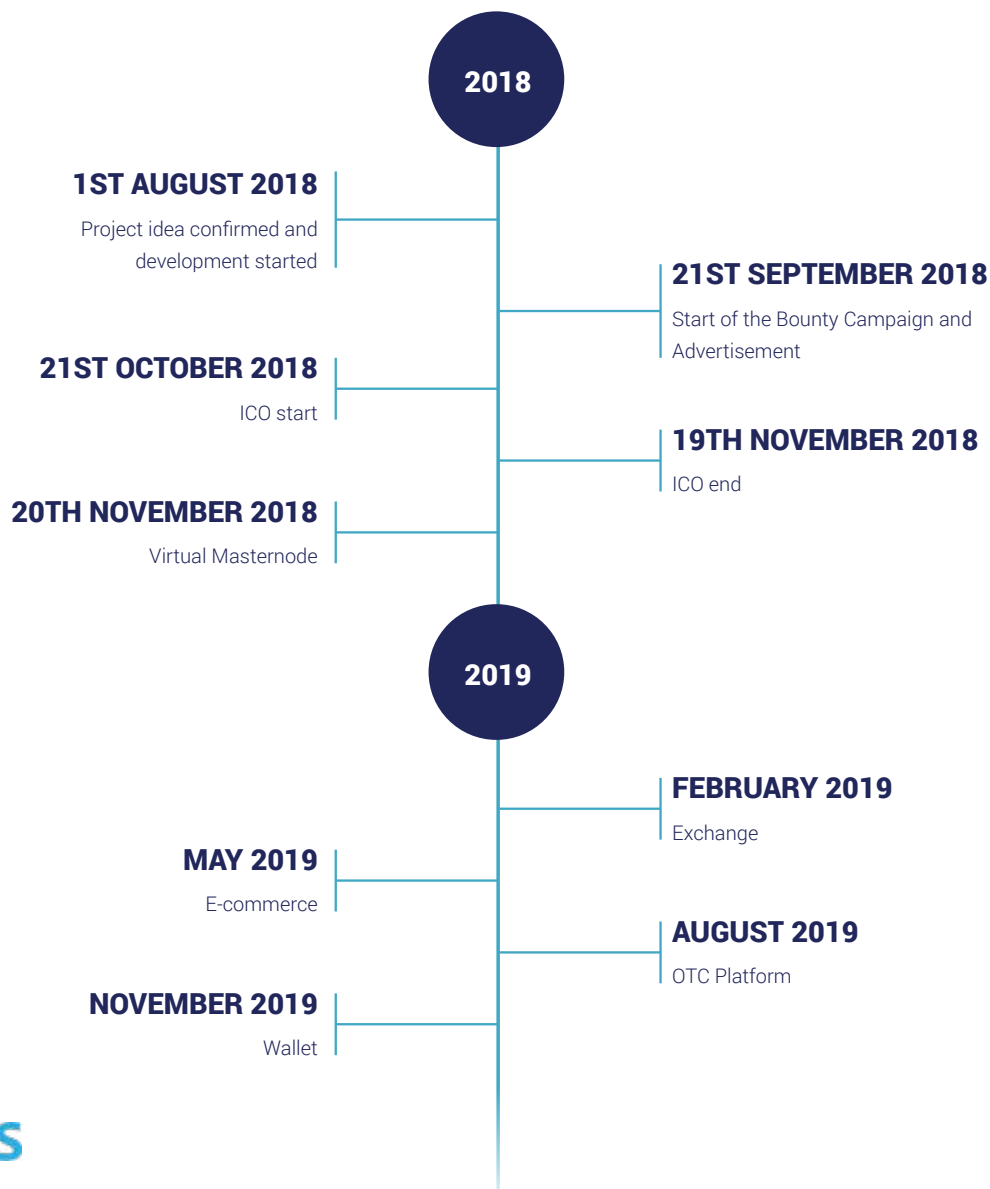
Coin Name	Exosis
Ticker	EXO
Network	Independent Mainnet
Total Supply	21,000,000
Premine	Yes, based on ICO sales premine done after end of ICO date.
Masternode	Yes
Masternode Collateral	10,000 EXO
Block Reward	5 EXO (95% for masternode, 5% for GPU mining)
Block Halving	No
Block Interval	2.5 Minutes
Consensus	POW
Algorithm	Exosis

# 6. Roadmap

**Once the main ICO is complete, we will immediately launch the Virtual master node site immediately to provide users with the opportunity to run virtual nodes.**

The ICO will be launched before the end of the year, and it will run until the end of November 2018. At the beginning of February 2019, we will launch the decentralized exchange to start providing services to the users who want a safe place to trade. In May 2019 we will launch the decentralized e-commerce site. This will allow users to buy and sell products online through the Exosis decentralized e-commerce site. In August 2019, we will launch the OTC platform, allowing individuals from similar localities to trade fiat and digital currencies with ease.

This will support the decentralize exchange by providing a direct route for people to withdraw or invest in the cryptocurrency market. In November 2019, the e-wallet will be launched with multiplatform support. It will be available on Windows, MacOS, and Android and iOS systems.





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