



BMB

Mamba Chain White Paper

NFT+DAO community self-governing tokens valued by blockchain technology



NFT, Also known as non-homogeneous tokens, non-split tokens, Is one of the latest innovations in the encryption economy, Now it has been used in encryption games, virtual space, character card, network domain name, encryption art and other industries, NFT's "unique" attributes allow people to easily distribute or have completely verifiable, non-replaceable, non-fakeable "digital goods ". However, Because most of the NFT trading mechanisms use traditional forms such as "fixed price trading" and "auction trading ", Too thin, NFT overall liquidity remains low, Statistics show that, As a whole NFT the market's annual turnover rate is only 8%, And that means the seller's NFT on the market, only 8% of NFT can be sold once in a year. Extremely traditional trading mode, extremely poor liquidity seriously hindered the enthusiasm of users to participate in the NFT.

The complete community autonomous token Mamba (BMB) introduced in this paper, in addition to the current common NFT price trading, auction trading methods, but also provides a community sports competitive platform, so that community members on the platform fair competition, the rest of the members can participate through guesswork to achieve community interaction. This can greatly increase the user's participation in NFT transactions interesting, random, mysterious, and improve NFT liquidity.

Mamba (BMB), a NFT+DAO community autonomy chain based on the BSC security intelligence chain, was developed in 2021 by a group of borderless fans with the help of block chain geeks.A total circulation of 33630000000, is NFT+DAO+ coin ecological all users and partners once again a great attempt of community autonomy tokens.



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Background to the 01 project

1.1 Industry development

NFT has a unique, scarce, indivisible attribute that allows it to be used to indicate that each piece of art has a unique intrinsic value. On the other hand, the value of each NFT token is different and non-homogeneous, so it is impossible to replace each other, which makes NFT free trading a problem, and without trading there is no liquidity. Finally, the development of the industry is seriously restricted.

NFT have both consumption, financial and speculative attributes, NFT from the perspective of industry infrastructure

New fast-trading mechanisms, price discovery mechanisms, derivatives trading mechanisms, mortgage mechanisms are needed.

Among them, fast trading mechanism and price discovery mechanism (including valuation, pricing) are particularly important, which makes NFT

Financialization of assets is possible, and price discovery mechanism can provide acceptable fair price, which will greatly enhance the tradability and liquidity of NFT.

Mamba (BMB) is a new type of NFT automatic trading protocol, which aims to let community members compete fairly on the platform, share the total income of the trading pool, and achieve the purpose of community interaction.

Mamba (BMB) project application NFT automatic trading protocol to ensure data security and financial security, and the use of block chain technology to achieve complete decentralization, no control, data open, transparent traceability can not be tampered with, is NFT+DAO+ coin ecological all users and partners to make another great attempt to



create a community sports platform for the platform to increase user stickiness and use activity!

1.2 Mamba (BMB) project emerges

Block chain technology is the core technology that has the most potential to trigger the fifth wave of subversive revolution after steam engine, electricity, information and Internet technology. This technological revolution is manifested in the following areas:

1. unlimited expansion of the population block chain naturally across the various restrictions of the population, can cover the same interests of all mankind, the real realization of the global village. In the global population, complete the value consensus. Since the Babel Tower, mankind once again has the possibility of building a common cause, by the original small number of people to work hard, a small number of people to benefit the system, into a real full-staff struggle, the full benefit of the new crowd organization model.

2. credible certainty agrees that any person's behavior based on the key held is not only the transfer of assets, but also the voting, the publication of documents, the confirmation of decision-making behavior, and so on. It is not limited to the transaction, but is a real, non-repudiation responsibility and authority. The completely transparent accounting technology of block chain and the system of multiple signatures will make power truly monitored and effectively restricted, and the power of power will be kept in cages and dams, so that the power of power can be used by the community.

3. the context of globalization, the high speed scheduling and response ability of various events in the block chain community can realize the global immediate effective decision-making and resource scheduling, which gives the block chain community the



ability to deal with and make decisions quickly.

Mamba (BMB) is committed to building a decentralized autonomous organization to truly achieve the slogan "everyone for the community, community for everyone" slogan. Issue block chain card BMB, create autonomous decentralized ecological community.

1.3 Ongoing challenges

Opportunities and challenges always coexist. A more objective view of BMB present and future allows us to make more correct strategies and actions. To stretch the time, BMB have to truly prosper and be applied in depth, BMB their own models and technologies, and the underlying blockchain technology, there are still many problems to be solved: fundamental technical constraints, larger business constraints and transformation costs, collaborative propulsion of the overall blockchain industry, and regulatory issues that can not be ignored.

O2. Mamba (BMB) project overview

2.1 Mamba (BMB) Project presentation

Mamba (BMB), a NFT+DAO community autonomy chain based on the BSC security intelligence chain, was developed in 2021 by a group of borderless fans with the help of block chain geeks.

BMB use the latest technology of block chain to introduce the most popular NFT mode, the holder can participate in the competition by buying NFT star player card.



Community members compete fairly on the platform, and the rest can participate in community interaction through guessing. In the BMB virtual world, the attributes of star players will be based on the real world performance changes, the length of the game, dribbling, passing, shooting, attack and defense, dunk and other professional indicators multiplied by the corresponding coefficient and then added is the player's attribute value. The holder can also obtain more BMB coins through the pledge NFT. BMB extreme deflation, algorithmic upgrades, and automatic currency-holding dividends, the stronger consensus holders who eventually buy more over time will share the full benefits of the trading pool...

BMB every star player in the virtual world is the only non-replicable and unique collection value. At present, the block chain has burst into a large-scale NFT collection fever, such as a virtual car sold at 415.9 ETH. Star players on the BMB are forecast to have a market price of more than 115 ETH by the end of 2021.

BMB guide thousands of fans to join the BMB ecology, and enjoy the change dividend of the sports session brought by the block chain!

At the same time, Mamba (BMB) through the community sports platform, so that the community common hobby fans can online a friendship game, both sides with tokens as a reward. The community draws 10% from it as maintenance organization cost to enter the community fund for later public welfare activities. Community members can also participate in community competitions through guessing, watching, communicating and so on.

2.2 Mamba (BMB) Core Team

The development team is composed of the core backbone members of the distributed storage public chain, the Singapore CBC Encrypted Digital Coin Foundation, the



top domestic development team, and DeFi senior enthusiasts. Our vision is to devote ourselves to Mamba (BMB) for more practical application and wider extension.

2.3 Solutions

The BMB aims to bring the block chain into the mainstream sports competitive guessing platform to attract encrypted and unencrypted game enthusiasts by providing real ownership, digital scarcity, monetization ability and interoperability, and to construct the block chain for Web3.0 in the field of decentralized games in the e-sports industry.

It can be seen that the existing financial infrastructure and services are difficult to meet in response to the changes brought about by digitization, assetization and new finance, and a set of financial technologies and services is needed, from concept to design to implementation.

O3. Mamba (BMB) Technology

3.1 Increased transaction speed

By optimizing the key links of signature algorithm, book structure, data operation, serialization, consensus mechanism, message diffusion and so on, Mamba (BMB) will achieve fast transaction verification at second level. Meet the user experience of most block chain application scenarios.

Mamba (BMB) selects the encryption verification mechanism which conforms to the international standard and encrypts the industry data. The transaction data and transaction information between users can only be viewed by both parties and users with corresponding permissions.

1. private key (privatekey)



Closed, is a 256-bit random number, kept by the user and not open to the public. The private key is usually generated randomly by the system and is the only proof of the user's account use right and the ownership of the assets in the account. Its effective bit length is large enough, so it can not be broken and there is no hidden danger of security.

2. public key (publickey)

Open, each private key has a matching public key. the BMB public key can be generated by the private key through a one-way, deterministic algorithm. currently commonly used schemes include: secp256r1(international universal standard) and secp256k1(bitcoin standard). Mamba (BMB) control chain with initial data chain select secp256r1 as key scheme.

3. encryption

By using asymmetric encrypted digital signature technology, Mamba (BMB) achieves that the service request is not tampered with in the transmission process, and the data of each node is consistent through the consensus mechanism. The stored data records are verified by self-checking system and quasi-real-time multi-node system in the node to ensure that the stored data records can not be tampered with.

Node self-checking means that Mamba (BMB) uses block chain structure to store data records, in which tampering with data will destroy the integrity of block chain structure, the system can quickly check out and recover the data from other nodes. In addition, Mamba (BMB) each accounting node has its own private key, each block records the signature of the private key at this point, and the modification of the data in the block can be verified by the signature.

Data verification of on-time multi-node: when the private key of the node is stolen, the malicious user has the possibility of modifying all the data in the account chain. Mamba (BMB) digital encryption provides a data comparison mechanism of on-time



multi-node. You can find that a node account data is tampered with in time.

3.2 Increased data storage

Block chain double-entry accounting mode, in the system continues to use, accumulated a lot of data, resulting in a decline in running speed, Mamba (BMB) public chain will achieve separate storage, table storage mechanism, data mass storage.

3.3 High throughput

The essence of block chain is a distributed shared accounting technology, and its distributed features are mainly reflected in distributed consistency rather than distributed concurrent processing. In order to ensure the consistency of the data and prevent the Byzantine General problem, some specific links can only be executed serially, but not in parallel. By long-term testing and optimization practices, Mamba (BMB) processing will further significantly improve transaction throughput.

3.4 Fast synchronization of node data

Mamba (BMB) will develop a mirroring mechanism, which can regularly mirror local accounts and achieve a convenient rollback mechanism. Under a unified consensus, the mirror label can be specified for rollback. Simply synchronize the latest image and a small number of recent transaction sets to integrate into the network and participate in consensus validation.

3.5 Database

Mamba (BMB) database is composed of MS SQL、My SQL、Oracle and so on. The database has the basic functions of storage, interception, security, backup and so on. User authorization and hierarchical cryptography for database purposes can fully ensure user privacy and data security.



3.6 Cloud computing

manba (BMB) uses the latest technologies, such as block chain, big data, cloud computing and so on. the computing power of cloud computing can drive block chain. the technology of block chain can make big data traceable and make data more real and secure; block chain, big data, cloud computing are interactive and mutually reinforcing.

O4. Mamba (BMB) Ecological Structure

4.1 Positive user incentives

At the core goal of Mamba (BMB) ecosystem development is the growth of ecosystem, and positive incentive is the motive source of economic system. Mamba (BMB)'s economic system fully considers all the participants, through the multi-dimensional, role differentiation incentive system, to achieve ecological benign self-growth, continue to activate the stock, introduce increment.

The optimization of excitation model is a complex design process. A refined and parameterized incentive evaluation model is constructed in Mamba (BMB) economic system guided by the maximization of overall ecological benefits. Mamba (BMB)'s incentive evaluation model fits the natural logic of the business scenario and strives for fairness and justice. The parameterized incentive evaluation model also supports future-oriented evolution iterations.

Active participation in various activities on the Mamba (BMB) platform to motivate user nodes to gain more rights and interests,



mamba (BMB) will construct the incentive model based on the positive behavior generated by the user.

$$F = X \sum_i^t Y_n \sum_i^t V_n$$

F represents the reward received by the user node, X represents the positive incentive coefficient, V represents the behavior and Y of the user node

Represents a friend invited by a user node. The more positive behavior the user node participates, the more rewards. The more friends invited by the user node and the positive behavior of the decentralized content community, the more rewards. The dividend coefficient will be reduced according to the increase of users, the same behavior, the earlier the user will be rewarded.

4.2 Negative incentive spontaneous combustion mechanism

In decentralized communities, community consensus and incentives can be used to effectively avoid cheating and evil

The occurrence of behavior. Mamba (BMB) created the Token spontaneous combustion mechanism, where violations of community conventions will be punished accordingly, and the deducted Token will be destroyed by themselves into the spontaneous combustion pool to ensure good community ecology

Sexual operation and the continuous improvement of Token value.

$$F = X \sum_i^t Y_n \sum_i^t V_n$$

The F represents the reward received by the user node, X the negative incentive



coefficient (0,-1,-2...) the violation increases in turn

Plus 1, coefficient-1, V indicates that the user node behavior positive incentive received incentives, Y the shadow of violations

Ring force coefficient (1/2/3.100).

The more violations the user node participates in, the more penalties are imposed.
The more malicious the user node acts

Big, the more serious the punishment.

When the user node account assets are negative, the user node will be banned, leaving only basic permissions such as browsing. If a user node seriously violates the relevant national laws and regulations and community governance policy, the user node will be permanently sealed.

Token entering the spontaneous combustion pool for destruction are as follows:

(1) The publication of violations is rewarded by multiple deductions Token, including, but not limited to, the publication of text, pictures, audio and video content, such as pornography, violence, in violation of laws, regulations, policies or ecological prohibitions in various countries of the world.

(2) The project party of the enterprise in ecology is used for advertising payment Token, which can be Token. by single display, click, download and activate payment The advertisers recharge the Token in a certain proportion in the content supplier, advertising audience, platform tripartite distribution, the platform received 20% of the Token allocated will be destroyed.

(3) Each super node and group master node can report the violation of the published content, and Token, part of the reward obtained by the automatic multiple recovery of the violation node for each reporting system is used to reward the whistleblower, and the



remaining Token will be destroyed.

(4) 10 per cent of Mamba (BMB) total proceeds will be used for periodic repurchase and destruction in the secondary market.

O5. Mamba (BMB) Technical Framework

5.1 Block chain interface

BMB provides a chain interaction development environment through which developers can easily interact with the chain. The BMB block chain interactive development environment provides development components compatible with a variety of working platforms, including the javascript library of SDK, adaptation front-end web application of adaptation Android、 iOS system, and the python、 PHP library of adaptation back-end application.

Developers can use these development environments to develop their own block chain software to achieve data interaction, such as user registration, user information and asset operations, user data operations and other functions. The on-chain data interface allows users to store homogeneous or non-homogeneous asset data on the chain, and in order to provide optimal compatibility and customization, block chain systems do not force asset data to be stored in plaintext. Game developers can be more flexible to design their own chain numbers

According to the storage structure, this information can be more safely parsed through the client and market plug-in. At present, the chain interactive development environment mainly provides the encapsulation of homogeneous, non-homogeneous digital assets and props query, transfer, ownership change, transaction submission, proposal and voting.



5.2. Multiple links

Besides cross-chain acceptance gateway, BMB will support more direct multi-link scheme in the future.

Block chain game props production is atomic, props producers according to the needs and materials submitted by the player, assets to create props, after the completion of the props transferred to the player. A series of operations (OP) are included in this process: digital asset generation, setting props properties, changing asset ownership to users, etc. In order to ensure the consistency of all the operation results in the process, we combine this series of operations into one transaction, that is, one atomic operation. All operations in a transaction will only succeed or fail at the same time. Another application of atomic mergers is to disintermediate asset flows in order to allow sellers to benefit more and buyers to consume less. The disintermediated circulation platform itself does not store the user's asset data, but only serves as a matchmaking medium for point-to-point requests. Game manufacturers can flexibly design their own game asset data structure. The content that can be transferred is not limited to the homogeneous assets in the game. Also covers props, equipment, game data and other non-homogeneous assets.

When the user submits the transfer request on the game content circulation platform, the corresponding game assets (gold coins or props, etc.) will be locked and can not continue to be used in the game until the request is cancelled. ID request contains the main chain of the transferee and the contents of the transfer assets. When the transfer request is reached, the system automatically completes the change of the ownership of the assets, and transfers the assets paid by the buyer to the transferee to complete the whole flow request.

In the event of asset circulation, the transfer / purchase is submitted to the circulation platform in the form of a request. The transfer of assets and the change of ownership of



assets are regarded as an inseparable operation, that is, the behavior of both parties must be recognized by consensus. If either party's asset change is not approved by the main chain block, the whole transaction will be rolled back. During the whole process of circulation, the behavior of asset ownership change or asset transfer will be packaged in one transaction, the state of the two actions is consistent, and the transaction ID. will be produced after the normal completion of the transaction, which can be found on the unique chain

5.3 Smart Contract

Each Internet of things device that can access the Internet has a global unique identity on the block chain, which can be used to identify credit identity. Each smart contract is the same as an ordinary wallet and has a unique public address. The difference is that the private key of the intelligent contract is discarded when the contract is created, so no one can send the digital assets after the intelligent contract is created except the consensus mechanism. In view of the on-chain demand of monitoring events in the Internet of things, that is, the holder of the Internet of things device sets the intelligent contract, the data storage path and the amount of data accounting in advance, so that the whole network broadcast and the digital record storage can be realized. incorporating blockchain regulation in the event of related abnormal events, mamba (BMB) smart contracts require mandatory, strong real-time, and fully automatic triggering. The data of trigger condition is also protected by block chain, accurate, safe and reliable, and can not be tampered with.





O6. Mamba (BMB) Promotion and Operation

Wine fragrance is also afraid of deep alleys, so we will pay special attention to product marketing and operation, constantly expand the use of products audience. They are as follows:

6.1 Income stability

Mamba (BMB) extreme deflation, algorithmic upgrading, automatic dividend-holding, eventually holding longer buy more strong consensus will share the full proceeds of the trading pool.

6.2 Step-by-step global user marketing

Based on the new market brokerage system, we will gather various forces, mobilize the folk marketing team, and expand the user group of Mamba (BMB) continuously.

6.3 Ongoing marketing activities

A regular, continuous advertising campaign and global marketing campaign to promote Mamba (BMB)

6.4 Social values

According to the main body of life value, life value has the social value of life and the self value of life. The social value of life is the sum of the positive effects of individual life on the existence and development of human beings, collectives and others. The main body of the social value of life is human, collective and others. In the full positive role of an individual's life, subtract the positive role used to meet the needs of his own survival and development, as well as the positive role of respect and satisfaction of the society, and the



remaining positive role, It is the true contribution to society and the social value of life. Public welfare is undoubtedly the simplest and most direct way to give back to society to realize social value. Commonwealth is a long-term mutual aid cause. Mamba (BMB) will combine community fans with idle and abandoned sports equipment in exchange for tokens. The community will organize volunteers to distribute equipment to teenagers in need. And the use of block chain technology, the traditional public welfare misappropriation of public funds channels cut off, real point-to-point precision assistance. Make public and charitable activities more thorough and credible, and set up a special public sector to promote the participation of all community members in public welfare





07. development route

Time	Development planning
December 2020	Complete market research and preparatory work based on Mamba (BMB) project and start the project.
April 2021	Content community platform online, build early user community
May 2021	BMB token generation, Token incentive mode start
June 2021	Online Exchange
December 2021	Start globalization and expand the layout.



O8. Mamba (BMB) Distribution Plan

8.1 Issuance

Mamba (BMB) is a negotiable global digital encrypted currency based on the currency security protocol, with a total of 33630000000!

Build block chain community sports platform, integrate into "Token" economy, through providing value services, establish the consensus of users, so that every investment in the financial market users can participate, build a perfect ecology.





8.2 Distribution mechanisms

Certificate Name	BMB
Founding Team	10%(Genesis Partner)
Community incentives	5%(community promotion, meetings, market incentives, etc)
Ecological construction	50%(open release)
Destruction mechanisms	5% through the transaction destruction ,3% into the mobile currency ,2% dividends to the holder ,35% ladder release or mining.

8.3 Pass-through advantages

1. Byzantine fault tolerance (BFT) speed (1-3 seconds)
2. Metcalfe's law value is proportional to the square of the user, the greater the value of the user's resources
- A low 3. threshold with minimum currency holdings of one millionth of the total issued
- Balance 4. income model to avoid monopoly
5. chain contract completion data open and transparent

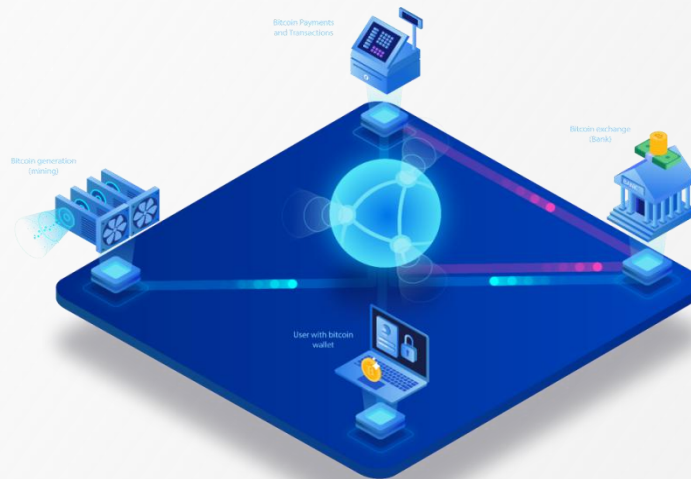


6. promotion revenue-driven user fission

8.4 Destruction mechanisms

Mamba (BMB) adopts lock-in mechanism, deflation mechanism and linear unlock, and three-pronged approach to suppress bubble formation. Mamba (BMB) stable lockout for the first 3 years, not allowed to enter the market, providing user loyalty to the project. Three years later, according to the community linear unlock, Mamba (BMB) is gradually released, and 10% of the annual income of Mamba (BMB) project is used to buy back Mamba (BMB) and destroyed permanently, which will lead to the decrease of the total amount of Mamba (BMB), the value of residual Mamba (BMB) is getting higher and higher.

The reason for this trend is that the market demand for Mamba (BMB) has not been reduced, and scarcity will make Mamba (BMB) more and more valuable. This indirectly leads to the appreciation of Mamba (BMB) in the hands of users, thus increasing the benefits to users, and Mamba (BMB) node holders can also enjoy Mamba (BMB) annual dividend rights.





O9. Manba (BMB) Application of Certificate landing thinking

Mamba (BMB) carefully studied the relationship between Tongqi economy and its own application, promoted the intrinsic value, and finally made the whole project sustainable development. Mamba (BMB) breaks the traditional monopoly, realizes the community everybody autonomy, everybody participates in the pattern, realizes everybody to pass the card truly, obtains the token through the sports competition platform.

manba (BMB) aims to accelerate the application of blockchain to expand the blockchain sports competitive guessing market while overcoming the limitations of centralization distribution, industry model solidification, and fairness can not be guaranteed. this will be achieved by creating a guessing platform where creators can create, play, share, collect and trade without centralized governance, enjoy secure copyright ownership and be able to earn encrypted currency (BMB).

This ownership will be established and guaranteed by the use of irreplaceable tokens (BMB) in NFT, games

Each project will have a unique and immutable block chain identifier. Also, the NFT market is now high

Fast red period. The intersection of NFT、DAO and DeFi is a clever combination and an area with great growth space.





10. Appendix

1 This White Paper serves as a conceptual document only to describe the Mamba (BMB) Coin Security Smart Contract project and does not constitute a prospectus, offer document, securities offer or offer to sell any product or asset. Foundation and Mamba (BMB) Public chain team can not guarantee the accuracy and completeness of the White Paper information. You should consult your legal, financial, tax or other professional advisers before participating in any of the activities described in this White Paper.

All supporters of the Mamba (BMB) project should carefully read the white paper and the relevant instructions on the official website, fully understand blockchain technology and clearly understand the risks of the project.

③BMB only as a Token, of use does not represent a promise of dividends, value added, equity, securities and their derivatives, the project party does not provide any return channels, the holder has the right to use it on its own.

4 Before purchasing Mamba (BMB) coins, users should ensure that they have detailed knowledge and carefully assessed the figures

Asset transaction risk, understand their own risk tolerance, after full consideration of their own decision whether to buy.

All technical projects have the potential to be hacked or code vulnerabilities that cause user losses, we do not bear any