Dogethereum WHITE PAPER

Pan-Entertainment Block Chain Based on Ethereum

Version 1.0.4

Abstract

A real content interaction system should be point-to-point between content creators and users, players and enablers.Users should pay directly for the creation and production of content while enjoying the pleasure of digital entertainment, without having to go through it.Have a "center". Most of the platforms that are now "centers" are well-functioning, but they are all in place.It is realized on the basis of high proportion platform sharing, high business communication cost and huge marketing cost. "Center"Usually it is responsible for the definition and distribution of content quality, such as content rating and resource ranking, because there is no public service.Opening transparent evaluation criteria, the "Center" will also force content developers to carry out content according to their own KPI needs.Within the rebate, oversupply, compulsory content fast "blood sucking" reduces the life of content products, especially game products.Cycle, so that the traditional centralized "center" evaluation and distribution mechanism of fairness and justice become impossible, lost a numberWord Internet brings the greatest benefits to human beings"convenience, efficiency and low cost".

In order to solve this problem, we redesigned a new technology

based on block chain and smart contract.Encrypted digital currency "dogether" (Dogethereum). Dogether and its economic basis for decentralized, non-centralized digits Content Interactive Entertainment Scheme can reduce the cost of issuing digital entertainment assets and copyright transactions to the theoretical maximum.Low value. Secondary units have the characteristics of autonomy and can achieve the balance of the whole ecosystem based on Nash equilibrium. Stay This open, fair and democratic system allows everyone to participate in the collection of digital assets by each producer in a centralized environment.Benefit maximization.

The network uses content producers to define payment standards for viewing and disseminating content according to each consumer.Coins consumed per unit time, tokens disseminated to share gains, and tokens consumed by high rewarders.The weighted algorithm generates non-cooperative game equilibrium to dynamically define the quality of digital entertainment content, and Recommendation algorithms such as content collaborative filtering are used to produce the best matching between high quality content and consumers.Each secondary unit is highly autonomous and has a non-linear causal relationship with each other.

1. What is Dogethereum

Dogethereum is the first product of two-way digital currency combination in the world. It inherits the functions of tipping dog coins and the off-line application of Ethereum.Support the exchange and equivalent consumption of game currency in mobile games, develop mobile games and professional digital currency app with color capital team. At present, it has perfected the exclusive wallet of Dog House, which has the functions of real-time checking the dynamics of digital currency, currency exchange and so on. And invite multi-party digital currency top technology team to jointly develop more convenient services app.

1.1 Project background

In 2017, the global digital entertainment content industry broke through $2.02 trillion, and is expected to break through $2.12 in 2018.Trillions of dollars. In 2017, of the $2.02 trillion in the global digital entertainment content industry, only Apple Appstore.With more than $35 billion, Steam's performance in 2017 was remarkable, reaching 180.About $100 million in transactions. Tencent Platform with Digital

Entertainment Content as the Main Market Scale in 2017.It is estimated to reach 200 billion US dollars. Only three centralized platforms will account for the global digital entertainment industry.More than 13% of the market share. Looking at the world, whether it's game content, video content, text fiction, etc.Some digital content transactions from developers to consumers are distributed through these central platforms, and there are no platforms.Exceptions will be charged for "30-80%". In these "centralized" platforms, R&D firms do not.Consideration should be given to R&D content only, and high advertising fees should be purchased, even enough to "brush the list", "self-flushing", "self-flushing", "self-flushing", "self-flushing", "self-flushing" and "self-flushing"."Doing data" and other work in exchange for adequate marketing location, in order to reach the target users.

1.1.1   Centralized Operating Platform

Centralized operation platform, content "purchasing" relies on "manual", content "auditing" relies on "manual".Flow distribution relies on manual labor, while financial reconciliation and settlement relies on manual labor. R&D vendors put their content on the shelf.The process of "heart" consumes a lot of time and energy. Uncertainty of "manual" operation after shelving.Sex, as well as KPI indicators allocated by the

Center's "plan", all make content products tend to "draw blood quickly" and "blog".Eyeballs, vulgar induction, piracy, plagiarism and other seemingly "user laundering" and "ultra-short line" content research.Errors have destroyed the content ecosystem of the platform, and more high-quality innovative products and innovative teams cannot be in the center.The platform should be incubated. In the long run, the lack of fairness and impartiality of the platform will eventually result in user's loss.

Whether it's games, literary novels, video content products, in order to get a better marketing position, get more.More clicks, comments and advertising revenue have to do "false clicks", "self-impulse", "materials","Attack server", "pull people" and other abnormal operations, content research and development enterprises have to be in the abnormal ecosystem.It costs a lot of money and energy. All practitioners in the industry have to deal with similar problems.For this reason, it is an open secret, and there are numerous related news.

1.1.2 Digital entertainment content value cannot be dynamically and scientifically evaluated

"Center" usually carries the rating and ranking calculation of

entertainment content such as games, novels, online dramas and so on.Definition of quality and distribution services, while digital content itself is a dynamic "value product", these "prices"Value products have a life cycle, a growing number of fans, and interaction between products and users in the process, the value may fluctuate at any time. Perhaps overnight, the IP value of a digital content will be magnified.Countless times. However, the traditional "center" service can't achieve open and transparent rating in the face of dynamic "value" products.Clearly, it is impossible to dynamically adjust the flow distribution according to the "value fluctuation", so the content review and distribution mechanism fairness and justice become impossible, losing the greatest benefits of digital Internet to mankind "convenient, efficient and low"Cost ". Since the birth of super IP, the evaluation of its IP value has become uncertain, so a series of derivatives of IP development have been developed.The IP valuation of product input has also become extremely difficult. Many IPs do not have a timely "value" evaluation body.Nowadays, the "value" of advantages and advantages is seriously underestimated. Instead, some rely on "hype", "packaging" and "marketing".The rotten IP has become a fragrant baboon in the hands of R&D vendors, spending a lot of money to pay for the value of these garbage.

1.1.3 Unfair Distinction between Value and Interest

Because of the high proportion of "central platform", plus the middle of distributors, pipeliners, advertisers and so on.Layers of skinning, real content developers can not get real benefits, real high-quality content is here.A self-consistent closed-loop is missing. Content developers spend their energy on the cost of business communication on the central platform.Not in the production of real product content. Centralized pipes such as Apple Store and App Treasure have also spawned many brushes.Abnormal industrial ecology, such as listing, self-sufficiency and making materials, etc.

1.2 Solution

DogEther is committed to enabling users in the ecosystem to hold block-based chains and intelligences through decentralized design.In the form of tokens, a contract uses its own behavior to "vote" and consume the content of consumption, so as to produce a token.An open, fair and democratic digital entertainment ecosystem.

1.2.1 Economic system

In the process of consuming content, the users of DogEther ecological chain enjoy the same content service as the users of DogEther ecological chain.Voting for content quality. These "votes" can accurately and dynamically evaluate the authenticity of "digital content" products.Positive value. Ordinary users consume according to the basic consumption amount defined by the content producer. Of course,Producers can also define the incentives for consuming their content to receive tokens provided by them. These effective elimination fees, while rewarding disseminators and producers, are equivalent to voting on content through a "sharing index". Living producers can also define that disseminating their content can be rewarded with tokens provided by them, which does not conflict with the above.In order to achieve de-centralization, there is a certain competitive relationship between content and content and between producers.The goal of high level autonomy. High-quality comments and compliments, which also require tokens to participate, also constitute part of the weight of the quality evaluation system.

The system extracts one thousandth of the handling fee from the above-mentioned tokens to increase the same "refueling"fee ". In order to completely eliminate the possibility of dark box operation (the operator

returns the cost to the participants to make it zero refueling),the token corresponding to the handling fee will be automatically locked into an inoperable account for "destruction". (for example:call the wallet address of 0x00000000000. Just like the real world, producers and eliminators consumers are defined by the number of tokens they publicly hold and the level of their users in the social network, while the generation they consume is determined by the number of tokens they publicly hold.The historical number of currencies as a hierarchy is also presented to other users.

The above records are stored in a decentralized account book and can be viewed by anyone.

All transaction records of the appeal are published to all participants through the distributed ledger of the block chain to ensure publicity.Justice. The system will provide a user-friendly interface for public inquiry.

1.2.2 Smart Contract Market

Digital content goods that need to be hatched and traded will be put into the market for free bidding. DogEther to it is convenient for the distribution of tokens and the automatic execution of incentives. It also opens up ports so that everyone in the ecosystem can participate.Trading

and distribution of digital content goods, and self-defining price or incentive conditions, and like the founding team.To get the corresponding token incentive through user usage, that is, the unused smart contract template will not be available.Gain revenue, even the founding team itself. Dogther has decentralized automatic settlement, so content production the value generated in the platform will not be disturbed by the "center" account reconciliation and settlement. At the same time,the digital content of "garbage" generated by no transaction will also be removed.

1.2.3 Incentive mechanism

(1) Team incentives are provided to members of the Dogther Foundation through an open, fair and democratic voting mechanism.Provide services for the whole ecosystem, and under equal incentive conditions, obtain corresponding token awards. 1/10000 pumping the fee will be used as a basic frictional requirement to prevent the generation of garbage transactions and to completely destroy them instead of making them.Encourage the team. At the same time, the ultimate goal of the team is to one day, like Bitcoin, put the whole Dog Ether together.100% of the system is fully delivered to the public to reduce the influence of foundation members to zero, so as to eventually eliminate the possibility that by the center of influence control. In the

early days, the Foundation gained voting rights by owning a certain proportion of Dog Ether.Influences. When the system matures, the number of DogEther is the only criterion for voting decisions. In order not to prevent in anticipation of risks, the Foundation has adopted legal programming agreements for concerted action, and necessary protective measures in a systematic manner strong enough before.

(2) The decision-making committee is the highest decision-making body for DogEther and its ecology, initially temporarily by the core members of the Foundation.Representatives, with the improvement of the system and the issuance of tokens, gradually hand in and lock in the real owner of the Dogether holding period.The Foundation will also gradually deliver early-held tokens to the market according to the plan, and promise to weigh them through exchanges and other institutions.New bids to obtain the necessary voting proportions to give the public equal opportunities.

(3) Technical and Cultural Committees elected by decision-making committees on the basis of incentives from ecological service providers Members, ethics committees, product committees, etc. jointly develop an open and transparent Dogether incentive mechanism for Dogether organizations that provide ecological services and adequate token incentives are provided by committee members in proportion to their holdings dogether.

(4) Incentive content developers, consumers and communicators add their own period according to R&D cost.The system will also provide a preset price to determine the amount of tokens that users need to pay for their consumption.As a reference, the final price decision is still in the hands of users. Content developers can also be content-based forwarders and shareholders provide a certain amount of tokens for incentives.

Users consume digital content products at the cost of consuming their own Dogether, and Dogether's benefits

Fang is the producer of content. The system will provide a perfect sharing link tracking mechanism for forwarders and sharers.Enough sharing incentives. According to the cost of technology implementation and local laws and regulations, maximize sharing and pursuit trace, to illustrate the rate of ecological expansion of atomic fission. At the same time, more welcome to share with content providers of their own traffic and disseminate these high-quality content. For example, 10% of tokens (defined by the producer) are automatically rewarded to professionals.Communicators, and their second sharing, will also automatically reward part of Dogether to the first communication people.

2 . Who are we

Make it easier for digital entertainment content to spread around the world. We aim to empower sales of digital entertainment content to change and way of management. We provide decentralized Internet infrastructure and ecosystems for content producers and consumers unification. Let it use the power of the Internet to interact with users. Building on Block Chain and Smart Contract Technology centralization and wisdom of the benefit distribution system, in order to encourage content producers to return to the positive circle.

We aim to build a future-oriented digital entertainment ecosystem with no center at all. Let content produce people and consumers know each other and grow freely in the Internet world, removing garbage and abnormal ecological atmosphere. Pass decentralized design, we will eventually exchange rights to the public, let the whole system grow and reproduce itself.Realize the ultimate virtual social form of self-growth without center, and survive continuously.

3. Infrastructure

The system design of Dogether is based on the distributed distribution network of digital interactive entertainment based on block chain technology. All infrastructure design concepts also conform to the four characteristics of bee swarm thinking:

➢ No compulsory central control

➢ Subordinate units have the characteristics of autonomy

➢ Subunits are highly connected to each other

➢ Point-to-point effects form a non-linear causality through networks

3.1 Basic services

Dogether is a token issued on a wisdom-based contract and handed in on a distributed account in a block chain.Easy to be open and transparent, not tampered with, traceable. Dogether will open automatically with other partners based on smart contracts open and close the corresponding resources and services, and automatically settle the cost of providing services for content R&D producers source. We will build a Dogether-based public chain, on the Dogether-based basis, for each user and within the owner is a separate Token, and the value and reward of each Token are all self-made.

The purpose of this design is to enable each game product, each digital content, to independently account for, eliminate players who pay for digital content automatically settle with digital content producers through smart contracts, and at the same time, in a decentralized fashion.Settlement mechanism to make value settlement more simple, convenient and transparent, all partners involved in it are can share the benefits of "value content" from time to time. Players and users who actively share content can also automatically get Dogether-based incentives from content producers.

3.2 Economic system

Digital content developers define their own "price" of digital content and share incentive percentages.Competitive relationship. Users not only consume content, but also share and disseminate it, and can get it from it.Benefit. The system will set up root flow centers and content review centers according to different countries and regions.To ensure that the digital content consumed by local users conforms to local laws and regulations. New consumers depend on content quality and sharing incentives initiated by digital content developers, redistributed to bring more consumers, and through this profits. The system takes one-thousandth of all transactions as a "refueling" fee and destroys them

without further entry.Enter the circle, prevent the generation of garbage trading, ensure the good operation of the system. The system will follow the minimum unit, end.End-to-end charges the most basic system maintenance fees for a single user and a single user, and makes the accounts public gain profits.

3.3 Infrastructure

Digital currencies exchanged are mainly used for basic services necessary for ecological construction.The system and the initial organizational system. The logic of the infrastructure that needs to be built in the early stages is as follows, not in this white paper.Expand in detail and elaborate one by one.

4. Characteristics

Dogether is an independent encrypted digital currency system, which can be purchased by the owner to build around it.The public chain of related services in the virtual entertainment society can be exchanged openly through three-party platforms. Dogether Established on the basis of Etaifang's block chain and wisdom contract, all accounts and transaction records are open to the public to ensure that evidence of ecological fairness and justice.

5.   Incentive

Dogether is the only virtual encrypted currency circulating in the infrastructure built around it, which has its irreplaceability.Users need Dogether as the only value exchange tool for production, consumption and dissemination, while maintaining it.System infrastructure and related technology research and development are exchanged and motivated around Dogether. The total number of Dogethers is 10 billion in order to prevent the occurrence of garbage transactions, the system will extract one thousandth of the handling fee around each transaction.Destroy, no team will benefit from it. Dogether's release is based on Etaifang's block chain and wisdom contract on this basis, the total number will never increase and will be made public. As the founding team of the system, except for the first public there are no unique ways and channels to get Dogether incentives outside of development and sales, only with all participation in the ecosystem.Those who work together to get the same incentives. On the basis of the public chain, we welcome more content producers.In organizations that participate in ecological management and decision-making, the number of long-term locked-in Doggers is voting.The basis of gaining the right to speak. Decision-making committees are encouraged to hold Dogether for a long time to make Dogether valuable in the long run maximization.

6. Road map

For the overall development of Dogether, it is a mixed process of short-term construction and long-term improvement.With the maturity and popularization of block chains and smart contract technology, the following strategic steps will be gradually improved. Strategic planning here describe only key nodes, not detailed development plans. More detailed plans will be available on the official website.(www.5yg.vip) as appropriate.
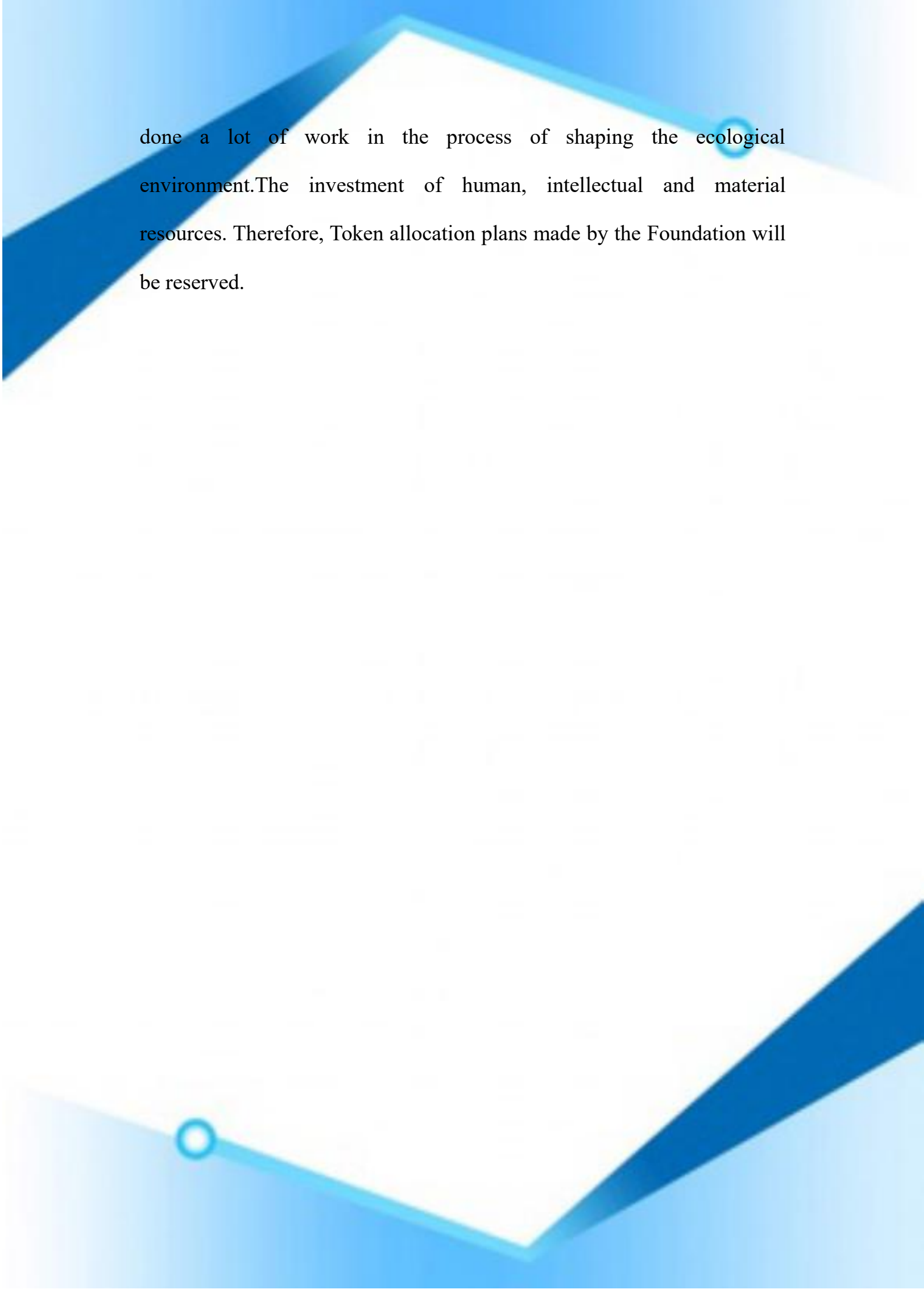
7. Exchange rules

The total amount of DDM (hereinafter referred to as the total amount) is 10 billion Tokens, which are distributed in the following forms method:

1. Private placement organizations invite 40%, totaling 4 billion Tokens, not more than 100 institutions. Non oriented institutions in Mainland China, non-United States and non-South Korea. Foundations are mainly used for ecological incubation, marketing and commerce.Opening up, legal compliance, etc., to maintain the rapid formation of the community and the entire ecological environment and follow-up healthy and sustainable development.

2. Foundation's ecological construction is 25%, totaling 2.5 billion Tokens. For global ecological infrastructure, drive adding other digital content.

3. User promotion of 20%, a total of 2 billion Tokens. DDM Foundation through Community Cooperation ball laying infrastructure, incubating traffic partners to speed up the flow of DDM to the global market.

4. The founding and development team has 15% incentive, totaling 1.5 billion Tokens. Founding team from project design, resources organizations, business environment incubation and other aspects have

done a lot of work in the process of shaping the ecological environment.The investment of human, intellectual and material resources. Therefore, Token allocation plans made by the Foundation will be reserved.

8. Team Introduction

Dogethereum (DogEther) teams are located in Bulgaria, Singapore and Beijing, China. Core members have over eight years of experience in Internet software development and technical support, and are the world's first high-end team and preacher in the field of block chain technology. Dave first put forward the idea of combining various digital currencies organically at the Beijing Block Chain Technology Exchange Conference in 2015, which bases the advantages of major digital currencies on the one-in-one concept. After consultation with various teams and technical support, based on the combination of dog coin and Taifang, the dog farm plan was put forward in 2017.

9. Risk warning

● **Policy risks**

At present, the state's regulatory policies on block chain projects and swap financing are not clear, and there are some problems.The possibility of loss of participants due to policy reasons; in market risk, if the overall value of the digital asset market is affected overestimating, the investment risk will increase, participants may expect the growth of swap projects to be too high, but these high periods hope may not come true.

● **Regulatory risks**

Digital asset transactions, including DogEther, are highly uncertain due to the scope of digital asset transactions.Because of the lack of strong supervision, electronic tokens are at risk of soaring and falling and being manipulated by bankers.Individual participants who lack experience after entering the market may not be able to withstand asset shocks and psychology brought about by market instability.Pressure. Although academics, official media and other experts give advice on cautious participation in a timely manner, there is no written regulation yet.Methods and provisions have been introduced, so it is difficult to effectively avoid such risks at present.

It is undeniable that in the foreseeable future, regulatory regulations will be introduced to regulate block chains and electronic token

collars.Domain. If regulators regulate this area, the exchange period may be affected by the purchase of tokens.Including but not limited to price and marketability fluctuations or constraints.

- **Team risk**

At present, there are many teams and projects in the field of block chain technology, and the competition is very fierce. There is a strong market competition.Project operation pressure. Whether Dogther project can break through in many excellent projects has been widely recognized as both self-supporting and self-supporting.The ability of team and vision planning are also influenced by many competitors and oligarchs in the market.There is a possibility of vicious competition. DogEther is based on many years of industry contacts accumulated by its founders, bringing together a group of people.A team of talented people with both vigor and strength has attracted senior practitioners and rich experience in the field of block chain.Technical developers, etc. Stability and cohesion within the team are critical to the overall development of DogEther. Stay In the future, it is not excluded that the departure of core personnel and the conflict within the team will lead to the overall impact of Dogther.Possibility of negative impact.

- **Technical risk**

First of all, this project is based on the construction of cryptographic algorithms, and the rapid development of cryptography is bound to bring

potential problems.Secondly, technologies such as block chains, decentralized accounts, decentralization and disagreement with tampering support the core.The Dogther team can't fully guarantee the technology's landing in business development; thirdly, in the process of project update and adjustment, it can the vulnerabilities may be found and can be remedied by releasing patches, but the impact of vulnerabilities cannot be guaranteed.

- **Safety risk**

In terms of security, the amount of a single supporter is small, but the total number is large, which also puts forward high requirements for the security of the project. Electronic tokens are anonymous and difficult to trace. They are easy to be used by criminals, or attacked by hackers, or may involve criminal acts such as illegal asset transfer. Other unknown risks at present: Dogther may face some unexpected risks with the continuous development of regional fast-chain technology and the overall situation of the industry. Participants should fully understand the team background, the overall framework and ideas of the project, rationally adjust their vision and rationally participate in token swap before making decision.

10.   Disclaimer

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