



# OpusBeat White Paper

One-Stop NFT Sports Competition Platform





# 1.NFT's global development process

## 1.1 Non-Homogeneous Digital Currency

NFT is called a non-profit token in English and is indivisible, irreplaceable and unique. Non-homogeneous tokens, or NFTs, are unique and indivisible tokens, such as encrypted cats and tokenized digital tickets. It is equivalent to the US dollar number, and there will be no two US dollars with the same number. At the same time, due to the Non-homogeneity and indivisibility of commodities, NFT can anchor the concept of commodities in the real world. Simply put, it is the digital assets distributed on the blockchain, which can be game props, digital art, tickets, etc. NFT plays the role of the patent office. Help each unique thing to register the copyright and help it identify patents and physical assets. Other tangible assets such as real estate and houses can be represented by NFT tokens. Can be used as a financial market for asset circulation.

## 1.2 NFT May Reshape the Internet Profit Model

From fragmented time to fragmented value, the profit model of the Internet has completely changed. At the same time, in this process, the community can participate in and share part of the value, and can also participate in the creation to make things more valuable. Let the community and content creators have a richer experience. More importantly, creativity has been realized. NFT can be pictures, sounds, and videos, which are key elements of media. Together they become things like articles and puzzles. These things are really reflected in the form of NFT. You do see someone filming, but for some purpose, someone bids for this thing. When he clicked the "Confirm" button, he received the money, and this thing belonged to another person.

## 1.3 NFT Community Collaborative Creation

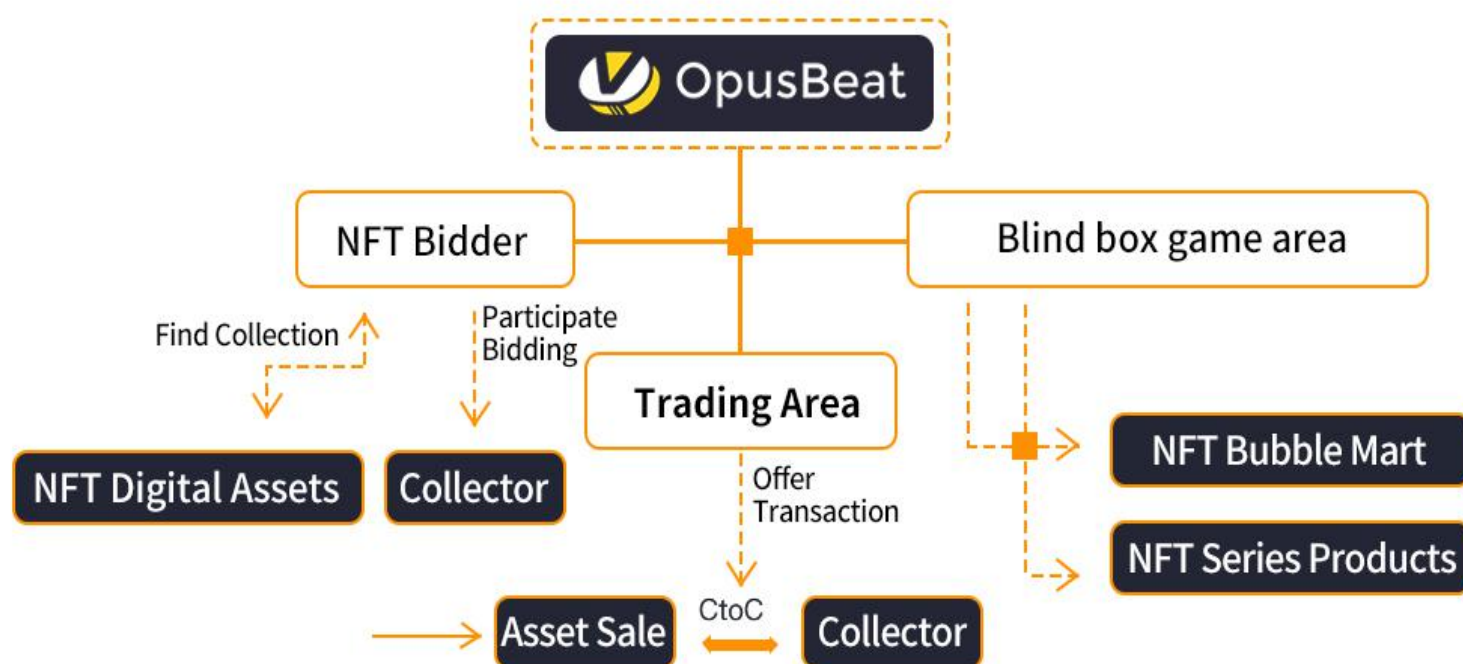
When discussing NFT, most of the topics discussed recently are artworks, game characters, and props. But when it comes to copyright, it is easier to think of the copyright of an artwork or a picture. When we form a community like Elon Musk to issue NFTs or tokens, token holders will manage copyright infringements and help you manage the matter. If someone does violate it, he will affect it. If you make an NFT and others know where to verify it, there will be no copyright issues. If you build a closer relationship with the community, you can share more interesting topics that are not suitable for large-scale sharing. These are some of the features that content creators want to see. There are communities and members, you can watch updated content or other things. This allows content creators to realize that implementing them can bring huge benefits.

Pictures can be made into NFT, and stories can also be made into NFT. All big things can generate value through NFT, so that the entire society can participate in creation, and participation can be more clearly defined. NFT can do better things without charging so many taxes and fees.

## 2. Project Introduction

OpusBeat is the NFT aggregation platform for Opus British media company to enter the blockchain industry. With the increasing popularity of sports events, sports tokens have become very popular recently. Driven by various sports events, the digital currency of the sports sector is bound to shine! OpusBeat is a new platform that integrates celebrity exclusive cards, blind box draw, and event mining. Through creative application of blockchain technology, innovate the existing business model, and write the data in the sports ecology into the blockchain, including clubs, events, stars, singers, etc. OpusBeat will increase the public's awareness and acceptance of NFT assets, establish a deeper connection with the traditional alternative asset (such as art and collective transaction card) industries, and expand more possibilities and expand financial services for NFT assets.

OpusBeat will be divided into 5 main areas: NFT auction area, collector trading area, blind box game area, GAIA (on-chain museum), ARES (sports quiz platform)



### 2.1 NFT auction area

A trading platform for NFT-type assets such as NFT digital artwork and game props. The NFT auction area of the NFT Hermes exchange will select high-quality NFT assets with great collection value and investment value. In addition to the ordinary auction model, OpusBeat will also adopt a unique German auction system.

### 2.2 NFT trading area

It is an online NFT treasure trove. Whether you are a novice or an experienced NFT player, you can conduct CtoC transactions here. Similar to the Amazon platform, everyone can carry out NFT free market trading. In the future, OpusBeat will also inject liquidity into the NFT trading area, so that NFT collections can continue to

demonstrate their value.

## 2.3 Blind box game area

This is an NFT version of the gashapon machine. There will be various designs of NFT series products, including all kinds of hidden products with surprises. After opening the hidden money, in addition to your own collection, you can also go to the NFT trading area to trade.

## 2.4 Museum on-chain

GAIA is an on-chain museum under OpusBeat. It will undertake the two main functions of NFT artwork display and collector communication. At GAIA, we will continue to showcase the NFT works of emerging artists, as well as the new works of artists contracted with OpusBeat. At the same time, GAIA also has the function of an encrypted community. Collectors can share their experiences and exchange high-quality NFT collection resources here to create a social world exclusively for OpusBeat.

## 2.5 Quiz platform ARES

The sectors include physical sports, sports guessing games, fantasy sports, etc.

Sports entity competitions include sports competitions such as football, boxing, basketball, racing, running, etc. Players can trade assets through online tokens participating in the series of sports competitions.

Sports quiz games include football, basketball, boxing and so on. In the game, players can analyze and guess the player's team lineup and the player's abilities. The performance data of each player on the real field will be converted into scores in the OpusBeat competition game in real time. The scores of each player's data are added. It becomes a competition activity including a variety of sports such as the total ball of the player in the round of the game, and the player can participate in it as long as the entrance fee is paid. The higher the score, the higher the ranking. After the game, the finalists can participate in the game bonus pool.

Fantasy Sports: ARES can rebuild a fantasy team lineup from the list of real players based on its knowledge of the game and the abilities of each player, and then compete with other players. The fantasy sports platform will track the performance data of the players you choose in the real game, and convert them into scores in real time. Add the data scores of each player in your team to become your total score in the round. , The higher the score, the higher the ranking. After the game, the finalists can enjoy the virtual prize pool of the game.

## 3. OpusBeat Foundation

The OpusBeat Foundation of Singapore is a non-profit organization that establishes a corresponding service team in the form of an association. The foundation is committed to the development and construction of global

projects, advocating and promoting governance transparency, so as to promote the safe and harmonious development of the project ecological society. The foundation will help manage the general affairs and privileges of open source community projects by formulating a good governance structure, and has established an executive agency, risk control committee and audit committee to manage the foundation's international projects.

Singapore's OpusBeat Fund Company has established an executive agency to handle daily affairs. The executive agency is mainly composed of four parts: technical team, operation team, marketing team and consultant team. The executive agency is mainly responsible for the application integration landing and daily business execution management of the foundation's operating projects. The innovative model provides a variety of incentive mechanisms. OpusBeat's original intention and mission is to use blockchain technology and NFT to realize the construction and development of new business models under the background of the new era. It is inspiring to subvert the multi-trillion-dollar market-scale quiz industry and asset trading platform. Through physical limited product auctions, NFT competitive star cards, blind box drawing, event mining, and other core functions, the essence of the customization industry and the quiz industry will enter the encrypted market so that everyone can enjoy the fun of sports games and promote the global card industry development.

In the OpusBeat ecosystem, all participants are builders, and all participants are beneficiaries. What I hope to achieve is to allow participants to see the future first. Therefore, the platform provides a variety of rewards, including but not limited to community rewards, node rewards, contribution rewards, etc. The diversified reward mechanism provides a way for each different participant to get rich. Each participant can match the corresponding incentive model according to his or her abilities, and set sail on the road of wealth freedom.

## 4. Technical Support

### 4.1 SdNFT (Standardized NFT)

In terms of the underlying technology, OpusBeat has been customized so that NFT assets can be issued as SdNFT (standardized NFT, Standardized NFT) format assets.

When an NFT asset is created, you can choose to split it into a specific number of SNFTs. NFT can only have one owner, while SdNFT can be distributed to multiple owners. Anyone can create SdNFT assets and transfer assets. Holding an SdNFT represents the percentage of ownership of a particular NFT subject, lowering the investment threshold. It is also a new deconstruction of traditional art assets in the era of encrypted assets.

SdNFT assets will adopt the decentralized transaction of AMM's NFT, which will also make decentralized NFT asset derivatives possible. In Hermes, SdNFT can be issued in a one-stop manner in a simple way.

## 4.2 SynNFT (mortgage casting NFT)

Through smart contracts, a new NFT can be mortgaged and minted by the underlying asset Opus. The holder of this NFT can choose to swap back the pledged Opus. OpusBeat can realize one-stop casting of SynNFT. This type of NFT asset enables its holders to have the lowest value guarantee --- when its market fair value (such as application value) is lower than the mortgaged Hers, the holder can choose to replace it. At the same time, the value of this NFT is deeply tied to Hers. When the price of Hers rises, the endogenous value of NFT also rises. This type of NFT can be widely used in games or IP-derived assets with a variable number. In the future, with the realization of cross-chain, BTC/ETH/DOT and other assets can be mortgaged on OpusBeat.

## 4.3 OpusBeat Database

The bottom layer of the OpusBeat consists of a data layer, a network layer, a consensus layer, an incentive layer, a contract layer, and an application layer.

Data layer:

The data layer is the basis for storing transaction data at the bottom of OpusBeat. The data layer encapsulates the chain mechanism of the bottom data block, using related asymmetric public key private key data encryption technology and time stamp technology to form an unchanging distributed database system.

Network layer:

The network layer is the platform for OpusBeat data transmission and network interaction, mainly to complete network data transmission. The network layer is based on smart contract agreements and P2P networks, including distributed composition mechanisms, data distribution mechanisms, and data verification mechanisms, which can be used flexibly according to different scenarios.

Consensus layer:

The consensus layer is a consensus mechanism for pixel encapsulation of data. Through the POW equity consensus mechanism, all ordinary people can participate in the OpusBeat ecosystem. Contribution is benefit.

Incentive layer:

The incentive layer is OpusBeat attracting node providers. Mobilize others to participate in pixel ecological construction and project cooperation.

Contract layer:

The contract layer is the basis of programmable features, mainly used by OpusBeat to adjust and use the data collected by the pixel system to encapsulate various scripts, algorithms and smart contracts.

Application layer:

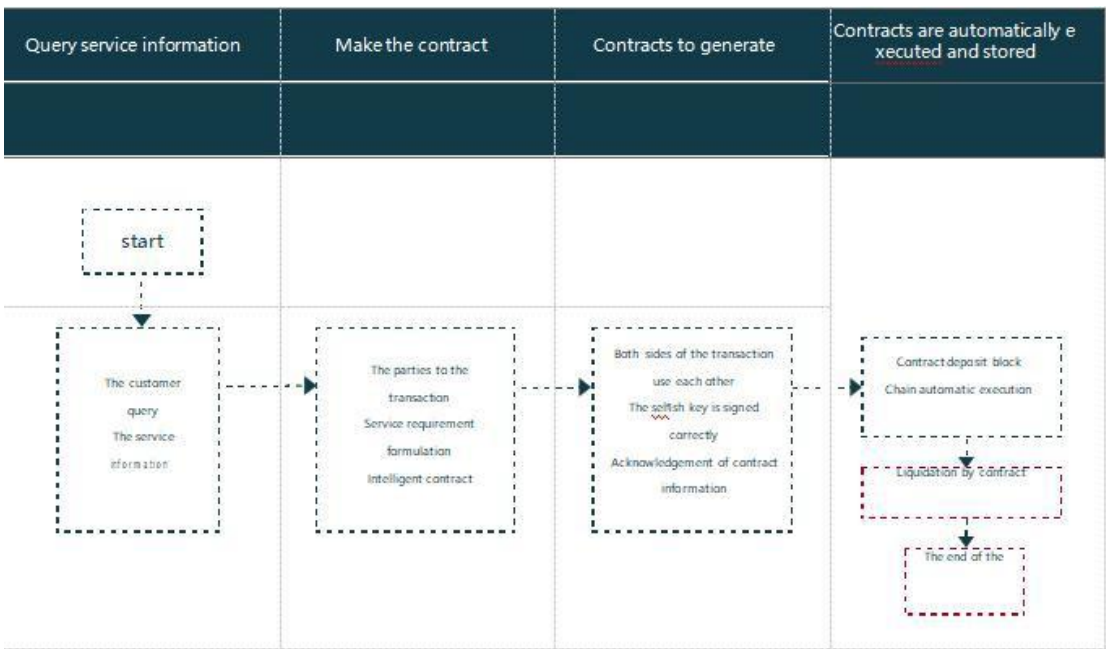
Application layer encapsulates various application scenarios and OpusBeat cases. Provides a programmable environment to transform business rules into contracts that are automatically executed by the platform through



smart contracts.OpusBeat provides a series of bottoml data access and interaction interfaces based on multiple languages.

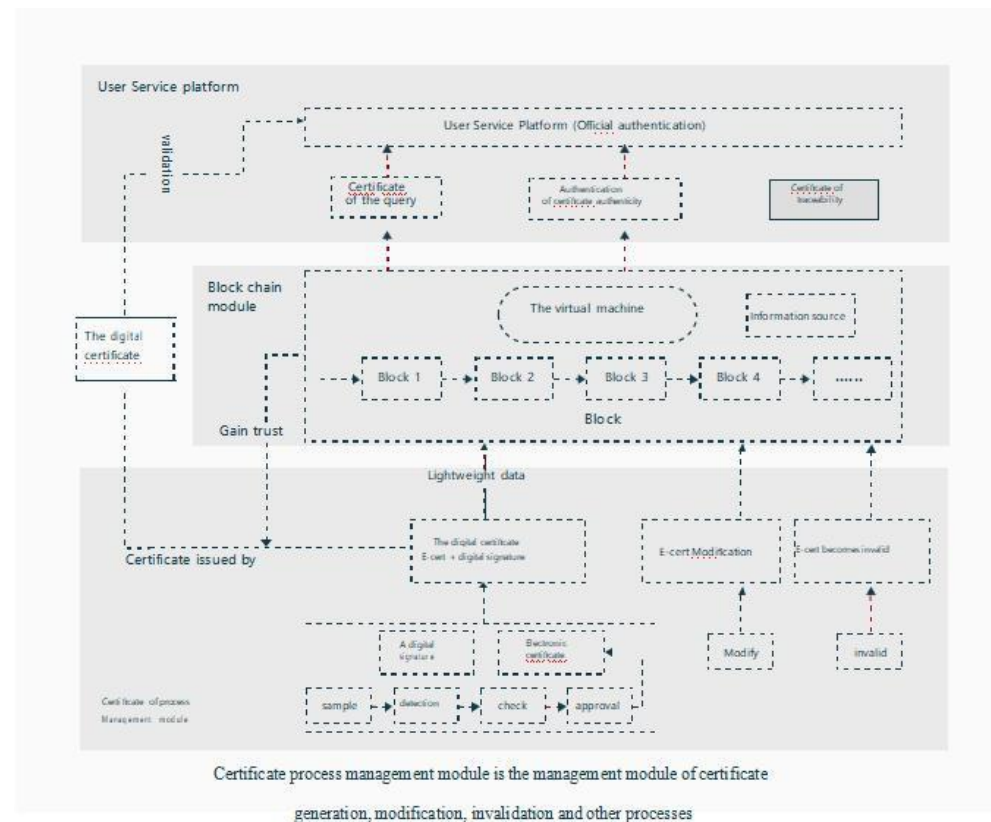
#### 4.4 Node Storage Optimization

In order to solve the problem of increasing the storage capacity of blockchain nodes, a pixel block method is proposed, which has obvious advantages in reducing the efficiency of block storage and prompting new nodes to join the blockchain. Calculate the number of sub-blocks according to the probability of malicious nodes, and use the general description of the blockchain nodes to calculate the number of distributed storage copies.The maximum probability value of the number in each snippet is used as the probability value of the snippet, which improves the security of the snippet.



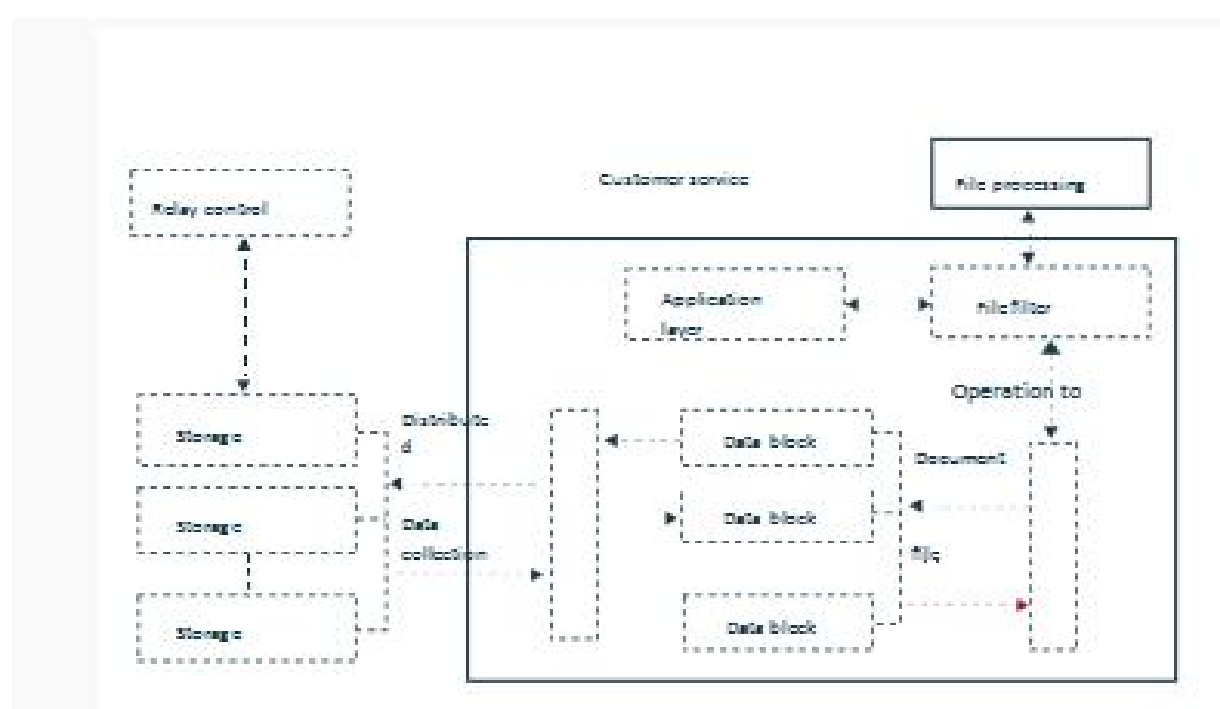
#### 4.5 Security Traceability

OpusBeat blockchain is a decentralized shared database with high transparency, high efficiency and security.Through digital signature technology, a digital certificate traceable anti-counterfeiting system is constructed, which realizes the anti-tampering of digital certificates and the effective and traceable query in the process of certificate generation, modification and abandonment.The security traceability of OpusBeat system includes digital Word certificate management, blockchain authentication and user service platform.The certificate process management module is the management module for the process of certificate generation, modification, invalidation, etc., which directly interfaces with the system.Generate electronic certificate, by testing, verifying and approving test samples.The hash algorithm is used to generate the data digest of the key information in the electronic certificate, and then the asymmetric encryption algorithm is used to sign (digital signature), and the digital certificate is formed together with the electronic certificate to achieve the anti-tampering effect of the certificate.



## 4.6 Multi-security Data Storage System

The OpusBeat Multi-security data storage system is to realize the separate storage of multi-level data, that is, only one information file of the actual multi-level data file is stored locally, and the actual multi-level data is divided into several file storage servers and stored separately on the network. The specific storage location of the multi-level data file is transparent to the system user, and it is presented to the user in the form of an index file. The user can rename and edit the index file, realize the separate storage of multi-level data file information and real multi-level data, and solve the problem of internal management personnel leaking secrets. At the same time, the multi-level data file information is stored on the local computer, which is convenient for users to query. OpusBeat adopts the C/S model to design a Multi-security data storage system, in which there are two types of system servers, That is, the system transmission control server and the system storage server.



Multi-security data storage system architecture



## 5.Token Economic Model

### 5.1 Economic Models

As an on-chain sports and game platform, OpusBeat is an ecological chain that supports the sports football card industry, and supports NFT. It also supports the NFT trading and development of a series of football game cards such as FIFA live football. OpusBeat hopes to create a complete sports ecosystem that integrates games, physical limited-edition auctions, NFT competitive star cards, blind box draws, and event mining projects for sports enthusiasts.

**Name: OpusBeat      Abbreviation: Opus**

**Total Supply: 100 billion**

**Mechanism:** In each transaction, a 15% handling fee is charged. 5% of the fee is redistributed to all token holders, 4% of the fee is added to the fund pool, and 6% of the fee is allocated to their own recommenders.

**Burning destruction:** 40%, unlimited deflation mechanism, initial manual destruction, subsequent destruction mechanism, the whole community participates in the voting decision.

**Investment agency:** 15%, Prohibit early participation, and strategic investment is used during project progress.

**Ecological cooperation:** 10%, used for cooperation with other partners, strategic parties, and exchanges.

**Initial flow:** 10%, establish an initial flow cell.

**Team holds:** 10%, used as an incentive to the founding development team.

**Community Fund:** 8%, reward members and teams with various skills and contributions to the community.

**Community airdrop:** 7%, during the progress of the project, the media community announces and other airdrops.

**Main concept:** meta-universal philosophy + fan economy + NFT

### 5.2 The Core Idea Of the Economic Model

#### **Holding is mining**

OpusBeat charges a 15% handling fee for each transaction, of which 6% is automatically allocated to all token holders. Every transaction, whether it's a buy or sell, 5% of the handling fee is automatically distributed to all token holders according to the proportion of token holders. , That is, "Holding is mining". In other words, during the holding period, as long as the OpusBeat transaction occurs and the balance grows, the holder will automatically receive passive rewards.

#### **Liquidity self-growth**

As we all know, new projects will generally face the problem of insufficient liquidity in the initial stage of the

pool. If no investors actively add liquidity to the pool, it is far from enough to drive the depth of the pool by the increase in currency prices. Therefore, many projects without self-increasing liquidity will mostly face the problem of serious shortage of pool depth, which greatly hinders the further development of the project. The OpusBeat will charge a 15% handling fee for each transaction, of which 4% will be directly added to the liquidity pool to achieve "liquidity self-growth". The self-growth of liquidity alleviates the problem of insufficient depth of the pool and provides a sustainable impetus for the further development of the project.

### **Manual Burns**

A continuous burn on any one protocol can be nice in the early days, however, this means the burn cannot be finite or controlled in any way. Having burns controlled by the team and promoted based on achievements helps to keep the community rewarded and informed. The conditions of the manual burn and the amounts can be advertised and tracked. EVERGREEN aims to implement a burn strategy that is beneficial and rewarding for those engaged for the long term. Furthermore, the total number of EVERGREEN burned is featured on our readout located on the website which allows for further transparency in identifying the current circulating supply at any given point of time.

## **5.3 Recommendation Reward**

The recommendation reward mechanism has been creatively added. All users who recommend participating in the recommendation can enjoy the recommendation reward. In the initial stage, we set a 6% recommendation reward, and each transaction has a 6% fee, which will be allocated to the recommenders.

## **5.4 Ecological Rights of Token Holders:**

Hold Opus tokens and enjoy the eight major ecological benefits of Opus:

Enjoy the dividend right of the overall profit of the fund

Enjoy the right to participate in internal investment private equity Enjoy the airdrop right of cooperative projects

Enjoy the right of recommendation for project recommendation exchanges, media, and mining machines

Enjoy the right to invite repurchase of basic income

Enjoy the voting rights of the project investment decision-making committee

Enjoy the right to participate in high-quality investment projects

Enjoy the right to supervise ecological investment management

## **5.5 Token Rights:**

As a token with dual attributes of games and governance, OpusBeat improves the game ecology and provides users with diversified application scenarios, including:

Participate in game transactions: Users can use Opus tokens to participate in games, such as paying the entrance fee to the competition.

Obtain pledge income: Users can pledge Opus tokens to obtain pledge income.

Participate in platform governance: You can participate in community voting by holding Opus tokens and determine platform development decisions.

Earn game rewards: the deeper the user's gaming experience on the Opus platform, the more Opus tokens they will get.

Friend invitation rewards: Invite friends to join the OpusBeat platform to receive Opus token rewards.

Social network promotion rewards: Users who promote OpusBeat on social networks will receive Opus token rewards.

In the OpusBeat project, players who want to make money from pools of different levels need to have the same level of NFT card in order to produce a special card of the same level in order to mine in the corresponding level of pool. Players can only obtain NFT cards in three ways: 1. Blind box random selection; 2. NFT cards issued by other users in the trading market; 3. Combination/replacement of other cards. This can improve the circulation of the NFT card, thereby helping to increase the value of the NFT card held by collectors and the consumption speed of the blind box.

The combination of blind box and mining ensures the stable development of the OpusBeat project and the continued vitality of the community. OpusBeat introduces liquidity provider pools in the DeFi ecosystem, product mining pools and NFTs. Integrated into the game infrastructure, it can not only provide its users with mining optimization strategies, but also generate unique NFTs that can be used for interesting and dynamic game strategies. Users do not have a high barrier to entry, they can also obtain different attributes, participate in the community's ecosystem, and profit by becoming a co-creator of OpusBeat. Users can use NFT tokens and cards to draw a lottery through blind boxes, from which cards are randomly drawn, and cards can be sold on the market or traded with other players.

## 6. Development Roadmap

### **The second quarter of 2021:**

Landed on BSC and launched on PancakeSwap

Signed cooperation with a number of large-scale customization, sports, and game companies

### **The third quarter of 2021:**

Developed and launched the NFT blind box card function

Establish an NFT auction area to provide a trading platform for NFT-type assets such as NFT digital artwork and



game props

**The fourth quarter of 2021:**

Establish an NFT trading area to form an online NFT treasure library

Landing on mainstream exchanges

**The First quarter of 2022**

Establish a blind box game zone

Add hidden product collection and NFT trading functions

**The Second quarter of 2022**

Form a GAIA chain museum

New works by artists signed by OpusBeat

**The Third quarter of 2022**

Build a quiz platform ARES

Improve physical sports and sports guessing games

**The Fourth quarter of 2022**

Complete the fantasy sports platform function

Create a social world dedicated to OpusBeat.

## 7.Risk Warning

This document is only used to convey information.The above information or key points do not constitute any investment advice, investment intention or investment agitation.Any similar proposal or price collection will be conducted under credible terms permitted by applicable securities laws and other relevant laws.The document does not constitute or is understood to provide transaction behavior, or any invitation to buy or sell any form of securities, nor is it any form of contract or promise.

The OpusBeat project clearly demonstrated the risks of sports entertainment projects to relevant users.Once the investor participates in the investment, it means that he understands and accepts the risks of the project and is willing to personally bear all the corresponding results or consequences.The OpusBeat project clearly stated that it will not bear any direct or indirect losses caused by participating in the OpusBeat project.Including: economic losses caused by user transaction operations, any errors, omissions or inaccurate information due to personal understanding; losses caused by personal transactions of various blockchain assets and any behaviors caused thereby.

Opus is the official digital asset used by sports entertainment projects and all products. Opus is not an investment, so we cannot guarantee that the value will appreciate, Sometimes there is a risk of devaluation.People

who do not use it correctly may lose the right to use it, and even lose Opus. Opus is not a kind of ownership or control. Holding pixels does not represent ownership of the Opus project, and Opus does not grant any personal control rights. Due to security issues, many digital asset service platforms have ceased operation. We believe that security is very important, so we have prepared a strong technical team, but there is no absolute 100% security in the world, such as various losses caused by force majeure, we promise to do everything possible to ensure the security of your transactions.

About competition: Global Opus games are developing rapidly, with broad prospects and relatively fierce competition. Many teams are developing or applying development to the public chain of the global sports game industry, and the competition will be cruel. But in this era, any good concept, startup company, or even mature company will face such competitive risks. For Opus, these competitions are the driving force in the development process.