

FireDAO

Ecology White Paper

Social DAO + DID + Web3 Identity+ SBTs+

On-chain Reputation + On-chain Dividend+ Super Economy

Build on Arbitrum !

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www.firedao.co

(This version will be modified based on community feedback. The official release date is to be advised)

Vision: Build a super economy on blockchains that truly practice the spirit of encryption.

FireDAO Core Philosophy

FireDAO Positioning

**Social DAO, Native Web3 on-chain Identity System, Community-driven
Autonomous Economy on chain.**

FireDAO Mission

**Fuel the evolution of Bit Civilization, Light the fire of civilization, Inherit
wisdom and Prosper civilization.**

FireDAO Vision

**Build a super economy on blockchain that truly practices the spirit of
encryption.**

FireDAO Values

**Openness, Fairness, Justice, Co-creation, Co-governance, Co-ownership,
Freedom, Transparency and Decentralization.**

FireDAO Social Media

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Website: www.firedao.co

Forum: forum.firedao.co

Discord: discord.gg/HjtHk5j6nG

Reddit: www.reddit.com/r/FireDAO

Medium: medium.com/@FireDAOLab

Facebook: facebook.com/FireDAO

Tiktok: www.tiktok.com/@firedaoofficial

Youtub: www.youtube.com/@FireDAOLab

Github: github.com/FireDAOLab

Vision: Build a super economy on blockchains that truly practice the spirit of encryption.

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Chapter One: Construction of Bit Civilization

1.1 Decentralized Society & Web3's Soul

As of May 10, 2022, Vitalik Buterin, founder of Ethereum, E.Glen Weyl with Microsoft Research and Puja Ohlhaver with Flashbots Ltd co-published a Paper named *Decentralized Society: Finding Web3's Soul*. In this Paper, they invented the concepts of Decentralized Society, Web3 Soul and SoulBound Tokens and triggered a global discussion and impact in the crypto world. Thus, we are inspired by this Paper and decide to launch and create FireDAO, in the hope of initiating a social experiment on Web3's Soul.

As stated in *Decentralized Society: Finding Web3's Soul*: Web3 has stunned the world by forging a parallel financial system with unprecedented flexibility and creativity within a decade. Cryptographic and economic primitives such as public key cryptography, smart contracts, proof of work and proof of stake have led to a sophisticated and open ecosystem for expressing financial transactions. However, the economic value in financial trades originates from the human relations and interactions. The lack of social narrative makes Web3 fundamentally depend on the extremely centralized Web2 structure.

The lack of a native Web3 identity makes today's DeFi ecosystem unable to support ordinary activities in the real economy, such as under-collateral lending or simple contracts ,like an apartment lease.

In this paper, they focus on how native Web3 social identities with rich social relationship composability will make great strides in addressing broader long-term problems in Web3 around wealth concentration and governance vulnerability to financial attacks, while simultaneously stimulating the Cambrian explosion with innovative political, economic and social dimensions. They collectively refer to these use cases and the diverse ecosystems as "Decentralized Society - DeSoc".

The core of DeSoc are the accounts or wallets holding non-transferable Soulbound tokens (SBTs) which represent commitments, credentials and affiliations. All these will ultimately shape DeSoc's vision - a co-determined sociality. In this society, most participants have a Soul which stores a series of affiliations, memberships and credentials related to SBTs. Souls and communities gather together from bottom to top to create a diversified network world within a certain social scale.

We highly endorse the ideas of Decentralized Society, Web3's Soul, and Soulbound Tokens put forward by Vitalik Buterin and others, and it was these ideas that inspired us to initiate and create FireDAO. Founded by the RainbowCity Foundation, FireDAO is a social DAO based on PID and FID Soulbound accounts, a community-driven on-chain autonomous economy and also a native Web3 DID identity protocol built on blockchain technology. Hence, we would like to express our deepest respect and heartfelt thanks to thought leaders such as Vitalik Buterin, E. Glen Weyl, Puja Ohlhaver and others.

1.2 The Essence of Bit Civilization

Meanwhile, we also believe that the concept of Decentralized Society should be further expanded and sublimated. Web3 represents not only a decentralized society, but also a thriving decentralized civilization. Web3 will be an advanced civilization built on the cornerstone of mathematics and algorithms, which represents the liberation and freedom of the entire human race. This is also what we call Decentralized Civilization or DeCiv. At the same time, because this civilization originated from the creation and construction of Bitcoin, we also call this advanced civilization "Bit Civilization". This is also the concept first proposed by FireKun, the initiator of FireDAO, on the Satoshi Nakamoto Bitcoin Forum in July 2021.

Bit Civilization will distinguish itself from the existing civilization system of human society, which is a more advanced civilization built on the cornerstone of the blockchain. In this Bit Civilization, all human assets such as currency, stocks, certificates, real estate, all information such as business information, transactions, learning and life information, all activities such as business behavior, life cycles, communication will be recorded in the form of data on different blockchains. The segmentation and circulation of value, therefore, are to be realized in the form of different Tokens, and thus a brand-new identity verification system and value circulation system are constructed.

All human activities can be recorded on blockchains in the form of data, and the exchange and transmission of data can be realized through code, algorithms, rules, and smart contracts. This is the essence of the Bit Civilization and also an expansion and upgrade of the concept of decentralized society.

1.3 The Creation and Mission of FireDAO

In the history of human civilization, no invention has ever had such a tremendous impact on human beings as fire. From Suiren's wood drilling fire in the East to Prometheus stealing fire in the West, fire has witnessed each stage of the evolution of human civilization. Fire is one of the most important tangible tools for mankind to achieve civilization. It is said that without fire, there would be no human beings, let alone human civilization. Fire provides human beings with warmth and light in the dark nights of winter. Food processed with fire is easier for humans to digest and absorb, and further promotes the development of human brains, which ultimately distinguished humans from animals. Therefore, fire is the driving force behind human wisdom and brings human beings to enter the era of civilization.

Whether to use fire has become an important symbol to distinguish human beings from other creatures on earth. Fire created human civilization and guided mankind to move forward. From the moment humans began to use fire, humans went on a path that redefines themselves and shapes the world. Fire has promoted the development of civilization, culture and technology, and promoted the evolution

of human beings. Fire has not only changed us, but also given us the ability to change the world. Fire is no longer an attachment to human beings, and guides the continuous evolution of human civilization.

In ancient Greek Mythology, there was no such thing as fire on earth to illuminate or grill food. Humans had to spend lives in endless darkness. Prometheus saw the plight of mankind and decided to steal a tinder from Apollo, God of the Sun, and brought the world light and warmth. Because of this, Prometheus was punished by Zeus, the Lord of gods, being chained to cliffs of the Caucasus Mountains. Since then he had suffered from hunger, bitter wind, scorching Sun, brutal rain and eagle attacks. It was the fire stolen by Prometheus that filled human beings with warmth and light.

Bible Genesis 1:3:

And God said, Let there be light: and there was light.

When Satoshi Nakamoto created Bitcoin in 2009, when the Genesis Block of Bitcoin was dug out, an advanced human civilization based on the cornerstone of mathematics and algorithms was born. Human society is bathed in a new light of civilization. This is what we call the Bit Civilization today.

The Bit Civilization is fundamentally different from the existing civilization of human beings and leads to the Web3 world we are exploring today. The Bitcoin created by Satoshi Nakamoto is like the tinder that Prometheus stole, bringing a new light to the evolution of the existing civilization. Satoshi Nakamoto put Bitcoin on the earth, igniting the fire of a civilization full of wisdom.

In our opinion, Bitcoin is the tinder that ignites the Bit Civilization of human beings and the Web3 world we are building now is the soul of this Bit Civilization, and DAO organization is the soul of Web3. In order to keep the civilization fire burning continuously, the more prosperous and longer the burning, the more supply of civilization fuel will be.

The FireDAO that we launched and created today is the fuel for the fire of civilization. We hope that through the creation and continuation of FireDAO, we can provide a steady stream of fuel for the burning of Bit Civilization and thus inherit wisdom and prosper civilization.

Chapter Two: FireDAO Overview

2.1 FireDAO's Positioning

FireDAO is a social DAO based on PID and FID soul-bound accounts initiated and established by the RainbowCity Foundation. It is a community-driven autonomous economy on the chain and a native Web3 based on blockchain technology DID identity protocol. On the basis of PID, FireDAO is centered on soul accounts and FID, combines with different types of soul-bound tokens, calculates the "on-chain reputation" score, and finally builds a set of native DID identity protocols on the Web3 chain.

As FireDAO develops to a certain stage, any native Web3 project can integrate into FireDAO's DID identity system, carry out various types of on-chain financial services based on On-chain Reputation, and carry out various types of soul airdrops for PID and FID owners, making FireDAO's identity system truly become the infrastructure of the whole Web3 world.

2.2 FireDAO's Philosophy: Vision, Mission, Values

We are enthusiasts and believers in the crypto world, followers of Satoshi Nakamoto and we believe that human society will gradually enter an advanced civilization built on the cornerstone of mathematics and algorithms thanks to the flourishing development of Web3, which is the Bit Civilization.

In our opinion, Bitcoin is the tinder that ignites Bit Civilization, the Web3 world we are building in full swing now is the soul of Bit Civilization, and DAO belongs to the soul of Web3. If we want the fire of civilization to continue to burn and burn continuously, the supply of civilization fuel is inevitable. FireDAO, which we launched and created today, is the fuel for the fire of civilization. We hope that through the creation and continuation of FireDAO, we will conduct a social experiment to explore the Web3's Soul. Through the transmission and ignition of the FireSeed, we hope to provide a steady stream of fuel for the burning of the Decentralized Civilization raging fire, inherit wisdom and prosper civilization.

We will unite global Web3 crypto communities to collect FireSeeds, pass FireSeeds, distribute Flames, cast FireSouls and create FIDs. We hope that through this social experiment of exploring Web3 Soul, we will eventually establish a global DAO coordination system, a DAO value distribution system and a DAO community governance system regardless of nations, regions, religions, races, complexions and languages and ultimately create an on-chain super economy that practices the true spirit of encryption.

In the process of building FireDAO, we will fully adhere to the core ideas and values of the crypto world such as openness, fairness, justice, co-creation, co-governance, co-ownership, freedom, transparency and decentralization. We hope that under the guidance of these thoughts and spirit, we will establish a pure DAO that leads to the evolution and development of the entire encrypted world DAOs and ultimately build an evolutionary development model for the expansion of the global DAOs.

2.3 Tokenomics Introduction

FireDAO implements the "3+2+7+X" token economic model. In the early stage, there are more than 10 different types of tokens to maintain the operation and expansion of the entire on-chain economy while in the next stage, we will issue numerous community activity medals for different ecology. FireDAO can eventually become an on-chain super economy that operates automatically, continuously circulates, and practices the true encryption spirit, and will also become the original on-chain DID identity protocol of the entire Web3 world.

3 refers to three types of ecological tokens: FireDAO Ecological Governance Token FDT, FireDAO Ecological Incentive Token FLM and FireDAO Ecological Identity Token FireSeed.

FDT is the governance token in the FireDAO ecosystem, the core token of the whole ecosystem. It is embedded with the core governance rights of the whole ecosystem and the right to distribute dividends. The whole ecosystem is built around FDT.

FLM is the incentive token in the FireDAO ecosystem to be issued to each participant in the ecosystem in the form of ecological incentives. In the FireDAO ecosystem, FLM can always be exchanged for the governance token FDT at the value of 0.01USD, and the exchanged FDTs will be released linearly at the speed of each block within a period of two years.

FireSeed is the identity token in the whole FireDAO ecosystem, which is used for the threshold of joining DAO and the positioning of recommendation rewards. To join FireDAO, you need to burn 1 FireSeed to generate a Soul-bound account FireSoul, and then you become a full member of FireDAO. When a wallet transfers 1 Fireseed to another wallet that has never had any FireSeed before, this wallet can become the recommender of the receiving wallet. In this way the referrer relations are determined. FireSeed can be obtained in two ways: free airdrop from the FireDAO official team and community members claim it from the Holy Fire Altar. Community members need to donate 0.08ETH for each FireSeed minted.

2 refers to two ecological Web3 IDs: the PID generated for casting FirePassport and the FID generated for casting FireSoul. These two IDs represent the Web3 identities of FireDAO community members. Having a PID can become a preliminary member of FireDAO, and having a FID can become a full member of FireDAO.

7 refers to seven soul-bound tokens or SBTs: SBT-001, SBT-002, SBT-003, SBT-004, SBT-005 and SBT-006 and SBT-007, which respectively record the different community activities and data of each full DAO member. These seven SBTs are using ERC20 token standard and the issuance quantity will be automatically minted and burned by the smart contracts on chain according to the different community activities of each DAO full member.

X refers to X kinds of community activity medals, which are issued by FireDAO for different ecology. They will be minted in the form of NFT which is another form of SBT. For example, FireDAO can issue the FireDAO Uniswap Community Activity Medal for users who use Uniswap extensively. Any user who has traded on Uniswap more than 10 times can cast this medal for free. This community activity medal is also non-transferable and soul-bound. However, in the future, the FireDAO community will launch a soul airdrop for users with community activity medals to make the entire airdrop more accurate.

2.4 How to join FireDAO

Joining FireDAO requires no permission and is automatically done by smart contracts.

First of all, anyone can register a FireDAO Passport through the FireDAO Protocol registration contract to get a PID. Users with a PID become Associate Members of FireDAO who enjoy the basic rights to participate in the ecology. When a user registers a PID, A FireDAO ecological forum account will be registered simultaneously, and they can participate in the discussion of the forum and establish a global social system. The account of the FireDAO ecological forum can only be generated by registering PID, not by other methods. At the same time, in order to avoid the flood of spam accounts, every PID registration will charge a small amount of ETH as a registration fee to minimize different types of Sybil attacks.

We will spread fire in the global Web3 crypto community. Any community member who owns FireSeed can burn fire, cast a FireSoul Fire Soul account, generate FID, and then become an official member of FireDAO: Full Member, which is entitled to all rights to participate in the ecology.

FireSoul Account is the soul account of each official DAO member, minted in the form of ERC721, non-transferable. It is mainly used to store different "soul-bound tokens SBT" received by each official DAO member. Each SBT records different types of community activities of this community member and is used to evaluate the different community contributions of this official DAO member.

2.5 FID and On-chain Reputation

Each soul account will be assigned a FID as the on-chain identity ID of the official member of the DAO, displaying the member's on-chain identity information and binding with the soul account. Different SBTs have different weight coefficients. By counting the number and weight coefficients of different SBTs in the soul account, each FID will get a comprehensive reputation score which is the "on-chain reputation" of this FID.

2.6 Community Activities

FireDAO is not only a Web3 DID identity system based on PID and FID, but also a community made up of leaders, creators, builders, believers and supporters who are deeply involved in cryptocurrencies. FireDAO is a social DAO and we believe that Web3 will change the world eventually. Therefore, strengthening the communication and interaction among community members is also our fundamental mission to launch FireDAO. We want to focus on PID and FID and then build a well-planned community of like-minded people. We hope to connect the on-chain identity and off-chain life of each community member by holding various types of activities, so that each community member can meet new people they won't meet anywhere else and foster interaction and friendship with one another.

In order to strengthen the communication and interaction between global community members and link the on-chain identity and off-chain life of each DAO member, we will carry out different types of activities

online and offline: online, we will create Community Ecology Forum to facilitate in-depth communication between community members in different regions of the world; offline, we will focus on Citynodes carrying out various types of face-to-face activities to create different types of offline communication opportunities for global DAO members as many as possible, which is our intention of creating social DAO.

2.7 Ecosystem Extension

FireDAO is a social DAO based on PID and FID soul-bound accounts, and a community-driven on-chain autonomous economy. FireDAO takes the soul account as the center, combines different types of SBTs, calculates on-chain reputation scores, and finally builds a set of native DID identity protocols on the Web3 blockchain.

In the first step of FireDAO's ecological expansion, our core work is to create a DID identity system on the Web3 blockchain as complete as possible. We hope to reach 100,000 PIDs and 10,000 FIDs as soon as possible, which will make us one of the most influential DAO communities in the world.

As the number of our PID and FID continues to increase, our Web3 identity protocol will become the underlying infrastructure of the entire Web3 world. Regardless of whether it is inside or outside the FireDAO ecosystem, any crypto project can integrate our Web3 identity protocol, and integrate the members of the FireDAO community ecology with these Web3 products as quickly as possible to create a more transparent and more open Web3 ecosystem. This is also the scenario mentioned in the paper by Vitalik Buterin and other authors.

As the PID and FID identity systems of FireDAO develop to a certain stage, we will use the Web3 identity protocol as the base point to gradually expand to the following ecology, including but not limited to:

Decentralized domain name system based on PID and FID;

Unsecured or partially collateralized loan market based on on-chain reputation;

Activity medal system based on SBTs;

Social recovery system based on SBTs;

NFT soul issuance market based on SBTs;

DAO referendum system based on On-chain Reputation;

Soul airdrop for SBTs;

Diversified assets with SBTs as the main form, manuscripts, real estate, certificates, works of art, etc.

These will be the fields that FireDAO will continue to expand in the future. Together, we will realize the vision of DeSoc and BitCiv - a co-determined world. In this world, the souls can gather with the community from bottom to top, as each other's emerging attributes, and finally build a divers on-chain society together, which is also the Bit civilization we wanted to build.

Chapter Three: FireDAO Tokenomics

3.1 Three Ecosystem Tokens

FireDAO implements the "3+2+7+X" token economic model. In the early stage, there are more than 10 different types of tokens to maintain the operation and expansion of the entire on-chain economy. FireDAO can eventually become an on-chain super economy that operates automatically, continuously circulates, and practices the true encryption spirit, and will also become the original on-chain DID identity protocol of the entire Web3 world. "3" refers to three types of ecological tokens: FireDAO Ecological Governance Token FDT, FireDAO Ecological Incentive Token FLM and FireDAO Ecological Identity Token FireSeed.

Three Ecosystem Tokens Introduction						
No.	Name	Symbol	Type	Position	Supply	Token Details
1.	FireDAO Token	FDT	ERC20	FireDAO Ecosystem Governance Token	10 billions	<p>FDT is the Governance Token in the FireDAO ecosystem, the core token of the entire ecosystem. It is embedded with the core governance rights of the entire ecosystem. The entire ecology is built around FDT.</p> <p>FireDAO determines the user's long-term holding information based on the soul-bound token SBT-001, and uses this to determine the ecological reward ratio.</p>
2.	Flame Token	FLM	ERC20	FireDAO Ecosystem Incentive Toen	100 billions	<p>FLM is the Incentive Token in the FireDAO ecosystem to be issued to each participant in the ecosystem in the form of ecological incentives. In the FireDAO ecosystem, FLM can always be exchanged for the Governance Token FDT at the price of 0.01USD, and the exchanged FDTs will be released linearly at the speed of each block within a period of two years. FireDAO determines users' long-term contribution information based on the Soulbound token FD-SBT-002, and uses this to provide special incentives for long-term ecological contributors.</p>

3.	FireSeed	FireSeed	ERC 1155	FireDAO Ecosystem Identity Token	1 million times	<p>FireSeed is the Identity Token in the entire FireDAO ecosystem, which is used for the threshold of joining DAO and the positioning of recommendation rewards. To join FireDAO, you need to burn 1 FireSeed to mint a Soul-bound Account FireSoul, and then you become a full member of FireDAO. When a wallet transfers 1 FireSeed to another wallet that has never had any FireSeed before, this wallet can become the referral of the receiving wallet. In this way the referral relations are determined.</p> <p>FireDAO counts users' comprehensive recommendation scores based on the Soul-bound token FD-SBT-003, and uses this to provide special incentives to community members for their excellent recommendation performance.</p> <p>FireSeed can mint a maximum of 1 million times, a normal user wallet can mint a maximum of 100 coins at a time, and an official whitelist wallet can mint a maximum of 1,000 coins at a time.</p>
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3.2 Soul-bound Account and FID Reputation System

FireSoul, token type: ERC721 extension, non-transferable, soul bound.

FireSoul is the soul account of FireDAO, which is minted from the identity token FireSeed. When a user casts a soul account, he can become an official member of FireDAO. Each soul account will be assigned a FID, which can generate the "on-chain reputation" of the soul account.

Each wallet can only mint one soul account to generate one FID, and this account is not transferable. This soul account records the information of different soul-bound tokens SBT owned by this wallet. Different SBTs have different weight coefficients. The comprehensive weight of a soul account is calculated by multiplying the number of SBT positions by the weight coefficient, and this comprehensive weight becomes the FID "on-chain reputation" score of the soul account. Calculate the voting rights of FireDAO based on the FID on-chain reputation score, and calculate the voting weight of each DAO member.

The FireSoul soul account can be upgraded through community governance in the form of a referendum, increase or decrease the types of soul-bound tokens SBT, adjust the weight coefficients of different soul-bound tokens SBT, and recalculate the on-chain reputation score of FID.

The soul account can be burned and destroyed, and the relationship with DAO will be cut off. When the account is burned, the SBT in the account will be burned as well. After the soul account is destroyed, a FireSeed needs to be re-burned to regenerate a soul account.

3.3 FireDAO's SBT introduction

The FireDAO ecology is mainly divided into two types of soul-bound tokens: one is for seven soul-bound tokens SBTs with ERC20 as the main body, and the other is X kinds of community activity medals SBBs with NFT as the whole, which are cast in different forms. Together they form the soul of FireDAO's community members.

Seven soul-bound tokens SBTs: SBT-001, SBT-002, SBT-003, SBT-004, SBT-005, SBT-006, SBT-007, which respectively record the different community activity and statistics.

These seven SBTs all have applied the ERC20 token standard, and the issuance quantity is automatically minted and destroyed by the smart contract on the blockchain according to the different community activities of each official DAO member.

The FireDAO ecology is mainly based on these seven kinds of SBTs in the early stage. With the continuous development of the ecology, we will successively issue X kinds of community activity medals SBB with NFT as its main body, so that the entire crypto ecology can participate in the construction of FireDAO.

Introduction of FireDAO SBTs				
No.	Name	Symbol	Type	SBT Detailed Introduction
1.	SBT-001	SBT-001	ERC20	<p>FD-SBT-001 is one of the comprehensive statistics SBT of FDT holdings. It is mainly used for FDT lock information statistics in the ecosystem. When FDT is locked in different forms, the corresponding proportion of FD-SBT-001 is minted. When the lock-up contract withdraws FDT, the corresponding amount of FD-SBT-001 is burned in the same proportion, and finally the ecological income dividend right is calculated according to the amount of FD-SBT-001 in each Soul Account. The core idea is that DAO is willing to reward users who have a long-term relationship with the ecosystem. The longer the lock-up period, the greater the reward weight.</p> <p>FD-SBT-001 has a total of 6 distribution scenarios:</p> <ul style="list-style-type: none">(1) Mint and burn different amounts of SBT-001 during the OG round of exchange(2) Mint and burn different amounts of SBT-001 during the seed round exchange(3) Mint and destroy different amounts of SBT-00 during FDT consensus mining;(4) Mint and burn different amounts of SBT-001 when converting FLMs to FDTs.

				<p>(5) Mint and destroy different amounts of SBT-001 according to the quantity and weight during FDT lock-up mining;</p> <p>(6) Mint and destroy different amounts of SBT-001 according to the quantity and weight during FDT liquidity mining.</p>
2.	SBT-002	SBT-002	ERC20	<p>FD-SBT-002 is FLM exchange comprehensive statistical SBT, which is mainly used for ecological contribution statistics. It is used for the combined contribution of each full DAO member to the DAO. 1 FD-SBT-002 will be minted for every 10 FLM exchanged. In the future, DAO will provide special rewards for the holdings of FD-SBT-002. The specific minting ratio of FD-SBT-002 will be adjusted according to the actual operation situation.</p>
3.	SBT-003	SBT-003	ERC20	<p>FD-SBT-003 is the FireSeed promotion performance comprehensive statistics SBT. When a community member burns a FireSeed to create a FireSoul, his first-level referral will be rewarded with 7 FD-SBT-003 and his second-level referral 2 FD-SBT-003, and the third-level referral 1 FD-SBT-003. The specific minting ratio of FD-SBT-003 will be adjusted according to the actual operation situation.</p>
4.	SBT-004	SBT-004	ERC20	<p>FD-SBT-004 is the Community Governance Vote Participation Integrated Statistics SBT, and when a full DAO member votes in a community referendum, 100 FD-SBT-004 can be awarded to count his community participation. The specific minting ratio of FD-SBT-004 will be adjusted according to the actual operation situation.</p>

5.	SBT-005	SBT-005	ERC20	FD-SBT-005 is an FDT Liquidity LP mining comprehensive statistics SBT. The number of minted FD-SBT-005s is determined by the number of LPs and the weighting system when LP is locked. In the case of current lock, 1 LP can be minted to 10 FD-SBT-005s, if locked for 3 months, the weight factor is 3, and 1 LP can be minted to 30 FD-SBT-005s. At the same time, if the lock-up period matures and LPs need to be withdrawn from the mining pool, the same proportion of FD-SBT-005s will be burned according to the proportion of withdrawn LPs. The specific minting ratio of FD-SBT-005 will be adjusted according to the actual operation situation.
6.	SBT-006	SBT-006	ERC20	FD-SBT-006 is an FDT lock-up mining comprehensive statistics SBT. The minting quantity of FD-SBT-006 is determined by the number and weight coefficient of FDTs included in FDT lock-up. If 10,000 FDTs are locked at this time, lock-up period 3 month, and the weight factor 3, then 30,000 FD-SBT-006s will be minted. If the lock-up matures and FDTs need to be withdrawn from the mining pool, the same proportion of FD-SBT-006 will be burned according to the proportion of FDTs withdrawn in the lock-up order. If the lock-up matures and FDTs are not withdrawn from the lock-up pool, the FDTs will continue to enjoy the benefit of the original policy.
7.	SBT-007	SBT-007	ERC20	SBT-007 is the various NFT medal statistics SBT in the FireDAO ecosystem. Every time an SBB medal is issued in the ecosystem, different numbers of SBT-007 will be rewarded simultaneously, as a statistical parameter for community users to comprehensively hold medals.

3.4 FDT Initial Issuance Plan

FDT Initial Issuance Plan (Total: 10 billions)			
Type	Proportion	Quantity	Lock-up Terms and Regulations
1.FireDAO Community Treasury	15%	1.5billions	These shares belong to the community and are jointly owned by community members. This part is initially completely locked, initially locked for one year, unlocked at a daily rate afterwards, and released linearly within about 20 years. Before the community governance DAO is activated, the

			RainbowCity Foundation manages these shares on behalf of the community, and all uses need to be announced to the community; after the community governance DAO is enabled, the use of this portion will be decided by a referendum.
2.FireDAO Community Contributions Exchange	15%	1.5billions	This part of shares belongs to the community and is specially used to incentivize the exchange of FLM tokens. The incentive token FLM is converted into FDT, and the converted FDT is unlocked at the speed of each block, and the linear release is completed in about two years. If this share is used up, you can apply for an increase from the FireDAO treasury.
3.FireDAO Community Ecological Guarantee Funds	10%	1billion	These shares are specially used to solve the ecological crisis. This part is initially completely locked, unlocked at a daily rate, and released linearly in about 21 years. Before the community governance DAO is activated, the RainbowCity Foundation manages this share, and all uses need to be publicized to the community; when the community governance DAO is activated, the resolution of the ecological crisis will be determined by a referendum.
4.FireDAO Community Consensus Donation Mining Pool	10%	1billion	This share is used for consensus donation issuance and is automatically controlled by smart contracts. Anyone can donate funds to this pool to exchange for FDT according to the ladder curve price. This consensus donation pool mainly provides entry channels for institutional investors and long-term value investors. Establish a consensus donation distribution mining pool, inject 1 billion FDTs into the mining pool, divided into 1000 rounds, each round of 1 million FDTs. The price of each round is incremented from the previous round until the exchange is completed. The exchanged FDTs are unlocked at the rate of each block, and the linear release is completed in about one year. When the price of the secondary market is higher than the price of the consensus mining pool, some institutional investors or long-term value investors will choose to exchange FDTs from the consensus mining pool because of the consensus, and hold FDTs for a long time, which can increase continuous income for the entire ecology .

5.RainbowCity Foundation	20%	2billions	These shares go to the RainbowCity Foundation and are arranged by the RainbowCity Foundation to develop the overall ecology of RainbowCity. They are initially completely locked for one year, unlocked at a daily rate one year later, and released linearly within about 20 years. The usage of the shares does not need to be announced to the community.
6.FireSeed Labs	15%	1.5billion	The RainbowCity Foundation authorizes FireSeed Labs to develop and manage FireDAO, and this share belongs to the FireSeed Labs team. These shares are initially completely locked, initially locked for one year, unlocked at a daily rate afterwards, and released linearly within about 20 years. The usage of these shares does not need to be announced to the community.
7. OG contributors	5%	0.5billions	It is mainly used for the allocation of early investors, core community members, consultants, strategic partners, etc. This part is controlled and used by the RainbowCity Foundation, and its use does not need to be announced to the community.
8.Seedround Investor	5%	0.5billion	These shares are mainly used for investors in the seed round, and the specific policies will be announced when the project is officially launched.
9.Liquidity Injection	5%	0.5billion	These shares are mainly used for the liquidity supply of the FDT main trading pair. When the ecology needs to form an LP, FDT is extracted from this pool to form an LP.

3.5 FLM Initial Issuance Plan

FLM Initial Issuance Plan(Total: 100 billions)			
Type	Proportion	Quantity	Lock-up Terms and Regulations
1.RainbowCity Foundation	15%	15billions	These shares belong to the RainbowCity Foundation and are used for the construction of the entire ecology. This amount of shares is initially completely locked, unlocked at a daily rate, and released linearly in about 9 years. The use of this share does not need to be announced to the community.

2.FireDAO Community Treasury	20%	20billions	These shares belong to the FireDAO community and are used for the construction of the entire FireDAO community. This amount is initially completely locked, unlocked at a daily rate, and released linearly in about 9 years. Before the Community Governance DAO launches, the RainbowCity Foundation will manage this quota on behalf of the community, and all usage needs to be announced to the community; After the Community Governance DAO is launched, the community will decide on the use of this quota in the form of a referendum.
3.FireSeed Labs	10%	10billions	The RainbowCity Foundation authorizes FireSeed Labs to develop and operate FireDAO, and this amount of shares belong to the FireSeed Labs team. This amount is initially completely locked, unlocked at a daily rate, and released linearly in about 9 years. The use of these shares does not need to be announced to the community.
3. OG Contributors	5%	5billions	Mainly used for the distribution to early investors, core community members, consultants, strategic partners, etc. This part of shares is controlled and used by the Rainbow City Foundation, no need for use announcement to the community.
5.Community Airdrop	10%	10billions	These shares are mainly used for airdrops in the global Web3 crypto community, and controlled and used by the RainbowCity Foundation. FireDAO will issue different types of community activity medals, which will be collected and minted by eligible wallets, and regular or irregular airdrops will be conducted for these users. These shares are initially completely locked, unlocked at a daily rate, and released linearly in about 9 years. The use of this quota needs to be announced to the community. This quota can be allocated with other issuance pools according to actual operating conditions.

6.Marketing and Operating Funds	10%	10billions	This amount of shares is mainly used for marketing and ecological operations, and is controlled and used by the RainbowCity Foundation. When the community matures, a special marketing guild and an operation guild will be established, and a certain amount can be handed over to the guild for use. This share is initially completely locked, unlocked at a daily rate, and released linearly in about 9 years. In terms of using this quota, it needs to be announced to the community. This quota can be allocated with other issuance pools according to actual operating conditions.
7.Community Investment Fund	5%	5billions	These shares are mainly used for ecological investment, controlled and used by the RainbowCity Foundation. When the community matures, a special investment association will be established, and a certain amount can be handed over to the investment association for use. This amount of shares is initially completely locked, unlocked at a daily rate, and released linearly in about 9 years. The usage of this quota needs to be announced to the community. This quota can be allocated with other issuance pools according to actual operating conditions.
8.Charity and Public Welfare Funds	5%	5billions	These shares are mainly used for charity and public welfare investment, controlled and used by the RainbowCity Foundation. When the community matures, special charity and public welfare guilds can be established, and a certain amount can be handed over to the guild for use. This share is initially completely locked, unlocked at a daily rate, and released linearly in about 9 years. The usage of this amount needs to be announced to the community. This quota can be allocated with other issuance pools according to actual operating conditions.
9.FDT Liquidity LP Mining Funds	10%	10billions	These shares are exclusively used for FDT's LP liquidity lock mining rewards, controlled and used by the RainbowCity Foundation, and gradually distributed to the community in the form of liquidity mining. This amount of shares is initially completely locked, unlocked at a daily rate, and released linearly in about

			9 years. This quota can be allocated with other issuance pools according to actual operating conditions.
10.FDT Lock-up Mining Funds	10%	10billions	These shares are specially used for FDT's local currency lock-up mining rewards, controlled and used by the RainbowCity Foundation, and gradually distributed to the community in the form of FDT lock-up mining. This amount of shares is initially completely locked, unlocked at a daily rate, and released linearly in about 9 years. This quota can be allocated with other issuance pools according to actual operating conditions.

3.6 FireDAO Ecosystem Revenue Sources and Distribution Ratio

Ecological Revenue Sources and Distribution Ratio			
Revenue Source	Revenue Details	Distributed Project	Ratio
1.FirePassport Minting income	Each community member needs to mint a Passport for a certain fee.	Three-level Referral Reward	0
		FireDAO Citynode Rewards	0
		RainbowCity Ministry of Finance	100%
2.SBB Soul-bound medal minting income	Community members can mint various types of SBB and need to pay a certain minting fee.	Three-level Referral Reward	0
		FireDAO Citynode Rewards	0
		RainbwoCity Ministry of Finance	100%
3.FDT Transfer and Transaction Tax	5% tax on FDT transfers and decentralized exchanges.	Three-level Referral Reward	10%
		FireDAO Citynode Rewards	10%
		RainbowCity Ministry of Finance	80%
4.FireSeed Donation Income	To collect fire through the Holy Altar, a certain amount of ETH needs to be donated	Three-level Referral Reward	10%
		FireDAO Citynode Rewards	10%
		RainbowCity Ministry of Finance	80%
		Three-level Referral Reward	10%

5.FireSoul Ming Income	To burn the tinder and cast a fire soul, you need to pay a certain casting fee	FireDAO Citynode Rewards	0
		RainbowCity Ministry of Finance	90%
6.FDT Consensus Mining Donation Income	Anyone can donate tokens to the FDT Consensus Mining pool. When the FDT secondary market price is higher than the consensus mining donation price, long-term investors will choose to obtain FDT in the form of donations from the Consensus Mining pool.	Three-level Referral Reward	5%
		FireDAO Citynode Rewards	5%
		RainbowCity Ministry of Finance	90%
7.FireSeed NFT Market Transfer Royalties	When the minted FireSeed is transferred and traded in various NFT markets, a 10% transaction royalty will be charged.	Three-level Referral Reward	0
		FireDAO Citynode Rewards	0
		RainbowCity Ministry of Finance	100%
8.Referral Income generated by no referrals	When a user has no referral, or his referral has not activated FID, the referral reward generated by this user is also injected into the Ministry of Finance in the form of income.	Three-level Referral Reward	0
		FireDAO Citynode Rewards	0
		RainbowCity Ministry of Finance	100%
9.Ecology Advertising Income	Place different types of advertisements on each page of the FireDAO platform to obtain advertising revenue.	Three-level Referral Reward	0
		FireDAO Citynode Rewards	0
		RainbowCity Ministry of Finance	100%
10.Other Ecology Income	As the FireDAO ecosystem continues to expand, more types of income will be generated.	Three-level Referral Reward	0
		FireDAO Citynode Rewards	0
		RainbowCity Ministry of Finance	100%

3.7 FireDAO Ministry of Finance Revenue Distribution Ratio

Rainbow City Foundation is the initiator of FireDAO. Before the FDT is fully issued, the ecological income is managed by the Rainbow City Foundation and is not for ecological distribution. When the FDT is fully issued, the income of the FireDAO project handed over to the Treasury of the Rainbow City Foundation will be distributed according to the following principles.

RainbowCity Foundation Ministry of Finance Revenue Allocation Principles (The allocation is subject to change based on actual operation)		
Category	Ratio	Detailed Rules
1.RainbowCity Foundation Treasury	15%	This fund will be automatically transferred to the RainbowCity Foundation Treasury account, which belongs to the RainbowCity Foundation, and the Foundation will be responsible for the construction of the entire RainbowCity ecology. The use of this fund does not need to be announced to the community.
2.FireDAO Community Treasury	15%	This fund will be automatically transferred to the FireDAO community treasury account and belongs to the community. In the early stage, the RainbowCity Foundation will manage and use it on its behalf, and it needs to be publicized to the community when using it. In the future, after the community governance DAO is launched, the community will vote to determine the direction of use in the form of a referendum.
3.FireSeed Labs Treasury	15%	The funds will be automatically transferred to the FireSeed Labs team vault, owned and used by the FireSeed Labs team. The use of this fund does not need to be publicized to the community.
4.Community Ecological Operation Fund	10%	<p>This fund will be automatically transferred to the community ecological operation fund account, which is mainly used for the operation of the entire community ecology. In the future, the community will establish 12 guilds to promote the development and operation of the ecology from different levels. By then, the funds will be authorized to use by each guild.</p> <p>Before FDT is officially launched, this part of the shares belongs to the RainbowCity Foundation for overall management and use.</p>

5.Repurchase & Burn Fund	5%	<p>This fund will be automatically transferred to the repurchase & burn fund account. Any DAO member whose FID reputation points reach 10,000 points can freely use this fund to repurchase and burn FDTs, and meanwhile obtain certain rewards. This fund will be divided into two pools, each with 50% of the funds: one is the real-time repurchase pool, which can be used for normal repurchase and burn; the other is the emergency repurchase pool, when the FDT currency price drops by 20% on the day, the repurchase and burn can be triggered under the following conditions.</p> <p>Before FDT is officially launched, this part of the share belongs to the RainbowCity Foundation for overall management and use.</p>
6.FDT Liquidity Fund	15%	<p>This fund will be automatically transferred to the FDT liquidity fund account and form an LP with FDT, which will be injected into the liquidity pool of FDT's main trading pair to continuously increase the liquidity of this trading pair.</p> <p>Before FDT is officially launched, this part of the share belongs to the RainbowCity Foundation for overall management and use.</p>
7.FLM Liquidity Fund	5%	<p>This fund will be automatically transferred to the FLM liquidity fund account, and will form an LP with FLM, and will be injected into the liquidity pool of FLM's main trading pair to continuously increase the liquidity of this trading pair.</p> <p>Before FDT is officially launched, this part of the share belongs to the Rainbow City Foundation for overall management and use.</p>
8.Citynode Promotion Competition Fund	5%	<p>The funds will be automatically transferred to the Citynode Promotion Competition Fund account.</p> <p>This competition will set up three rankings on the basis of weekly monthly and annually..</p> <p>The allocation ratio of funds is 50% for the weekly ranking, 30% for the monthly and 20% for the annual. Each ranking only awards the top 49.</p> <p>At the same time, the winner must meet the minimum points standard for each ranking. If the points do not meet the minimum standard, the reward will enter the incentive pool of the next cycle.</p>

9.FireSeed Promotion Competition Fund	5%	<p>The funds will be automatically transferred to the FireSeed Promotion Competition Fund account.</p> <p>There are three rankings for this competition: weekly ranking, monthly ranking and annual ranking.</p> <p>The proportion of fund allocation is 50% for the weekly ranking, 30% for the monthly and 20% for the annual. Each ranking rewards the top 49.</p> <p>At the same time, winners must meet the minimum points standard for each ranking award. If the points do not reach the corresponding standard, the reward will enter the incentive pool of the next cycle.</p> <p>Before the promotion competition is officially launched, this part of the share belongs to the RainbowCity Foundation for overall management and use.</p>
10.Ecological Income Incentive Fund	10%	<p>This fund will be automatically transferred to the ecological income dividend fund account. The fund will award the funds according to the weight of SBT-001. The contract can be executed once every 24 hours. Anyone whose FID Reputation score reaches 100,000 points can call the contract to realize the distribution of bonuses. Token rewards can be obtained every time the contract is called. At the same time, only users with 100,000 SBT-001 are eligible to enjoy dividends. This allows users with a high number of SBT-001 to be allocated more rewards, while those users with a low number have to work hard to meet the minimum standard.</p> <p>Before FDT is officially launched, this part of the share belongs to the RainbowCity Foundation for overall management and use.</p>

Chapter Four: FireDAO's Operations and Architecture

4.1 FireSeed Invitation & Referral System

In order to better promote the establishment of the Web3 on-chain DID identity system, FireDAO particularly implements a referral reward system, and the referral relationships between different community members are confirmed by the transmission of FireSeed. When a wallet transfers 1 FireSeed to another wallet that has never had any FireSeed before, this wallet can become the referrer of the receiving wallet. In this way the referral relations are determined in the FireDAO ecosystem.

There are only three levels of referral rewards. Upwards are the first-level, second-level and third-level referrers; downwards are also three levels referrers. When an ecological activity generates income, the income will be rewarded to three-level referrers according to the proportion agreed in advance, and referrers on each level obtain different distribution weights.

FireDAO Referral Reward Allocation Ratio	
Allocation	Percentage
First-level referrer	70%
Second-level referrer	20%
Third-level referrer	10%
Total	100%

4.2 FireDAO Guild System

In terms of the overall function, FireDAO will be built by guilds.

In order to better promote the construction and expansion of FireDAO, we will build guilds with different functions from the overall structure level. Each guild assumes different responsibilities, being responsible for the overall operation and construction of DAO. Guilds are defined by the standard in FireDAO as talent pools, which are dedicated to bringing together people with specific talents. In nature, it is similar to different functional departments in a company.

Unlike Citynodes which do not require permission to join, community members need to apply to join different guilds. The preliminary review is the responsibility of the Team. As the guild develops to a certain stage, each guild will set up a special management committee that will be responsible for the guild management. Meanwhile, different guilds can apply to the DAO treasury for activity budgets, and members who contribute to the guild will also receive fixed or variable salary or incentives to maximize the enthusiasm and initiative of outstanding community members.

FireDAO will establish twelve guilds in the early stage of development, which will be adjusted according to the actual operation in the future. The twelve guilds are Finance Guild, Operations Guild, Investment Guild, Research Guild, Marketing Guild, Education Guild, Law Guild, Research & Development Guild, Design & Video Guild, Translation Guild, Data Analysis Guild, and Charity and Public Welfare Guild. These twelve guilds have different functions, and any community member with FID can apply to the relative guild to join. Every member who joins the guild will become a core contributor to FireDAO.

4.3 FireDAO Citynode System

On regional levels, FireDAO will be built by various Citynodes.

In order to better link the on-chain identity and the off-chain life of community members, FireDAO has launched a Citynode system in particular. FireDAO Citynodes carry out various online and offline activities centered on cities. Anyone in the community who has more than 100,000 FID reputation scores can establish a Citynode, and each Soul Account can create one Citynode at most.

Those who meet the FID reputation scores requirement can first create a temporary Citynode. Anyone with a Soul Account FID can join this Citynode. Only when the node's total reputation scores reach 1

million can this Citynode be activated and finally officially created. Each Soul Account can join up to one Citynode. Anyone can choose to exit the Citynode afterwards and the Citynode creator can choose to kick a member out of the node.

The creator of the Citynode automatically becomes the Citynode administrator, and this administrator's authority can be transferred. 10% of the income generated by the Citynode is owned by the administrator and the remaining 90% can be used by all node members through negotiation.

The FireDAO Ministry of Finance has a fixed income allocated to the Citynodes that have won the Citynode competition, which are the weekly, monthly and annual ranking reward respectively, rewarding the top 49 ranks.

4.4 FireDAO Global Community Management System

In order to better create the FireDAO global community system and build the FireDAO global community ecology, we have built a FireDAO global community management system based on languages. Anyone can apply to create a global ecological community for FireDAO, and submit a proposal to the temporary management team of the FireDAO global community in the name of the ecological community, and apply for the community funds.

The FireDAO global community interim management group is appointed by the chairman of the RainbowCity Foundation, who serves as the interim team leader and has a veto power over the temporary group proposals. When the ecological development of FireDAO is gradually going on track, the authority of each administrator of the FireDAO protocol is successively transferred to the community governance DAO, which manages and governs, and makes decisions in the form of community referendums. FireDAO will ultimately realize fully decentralized governance.

The FireDAO global community system is initially divided into 16 languages, namely English, Chinese, Malay, Arabic, Russian, Japanese, Korean, German, Portuguese, French, Spanish, Indian languages, Indonesian, Italian, Filipino language and Turkish. We will set up exclusive discussion boards in the FireDAO forum for these 16 languages. If a community member's native language is not among these, he or she can also apply for an independent community in his own native language, as long as the overall assessment requirements can be met.

The FireDAO global community system is mainly composed of three types of media, namely WeChat group, QQ group and Telegram group. Anyone can build these three types of communities to serve the FireDAO global community and become the administrator of these communities. The ownership of the corresponding community belongs to the creator, but it is specially used to serve the FireDAO global community, and the FireDAO official team assigns the corresponding community number for global unified management.

The FireDAO global community management system is divided into two levels of management. The first level is dedicated to the community management personnel, who are mainly responsible for the daily management and maintenance of the corresponding community. Different numbers are allocated according to the level of the community, entitled to the corresponding level of contribution salary. The second level is the community management committee of the corresponding language, which is divided

into two management levels, namely the interim management committee of the corresponding language community and the global official management committee of the corresponding language community.

The FireDAO global community determines the level of the community and assigns administrators by the number of people in a single community and the results of the monthly assessment. There are a large number of exclusive administrators classified as A, B, and C respectively, who are entitled to the corresponding community level salary.

For more specific policies on the FireDAO global community system, please refer to the follow-up special management documents.

4.5 FireDAO Ecology Forum

The mission of FireDAO is to provide fuel for the evolution of Bit Civilization, ignite the fire of civilization, pass on wisdom, and help ignite civilization. Therefore, promoting the evolution of Bit Civilization on a global scale will be our core work.

In order to promote in-depth communication in the Bitcoin community, Satoshi Nakamoto created the Bitcointalk forum. The Bitcointalk forum has thus become a holy place for exchanges in the Bitcoin community, and this has also become the biggest legacy by Satoshi Nakamoto to the Bitcoin community. In order to follow the footsteps of Satoshi Nakamoto, we created the FireDAO ecology forum as the most important base to promote the evolution of Bit Civilization.

Although the forum was born in the Web1.0 era, it is different from the fragmented information produced by Web2.0. The forum can generate and accumulate in-depth knowledge and content. Therefore, FireDAO chooses the forum as the most prominent base for global community members for in-depth communication. We also use the Bitcointalk forum's management system, which is a tribute to Satoshi Nakamoto.

Like the Bitcointalk forum, we will set Merit points and Activity points in the FireDAO forum as the criteria for evaluating community members. At the same time, we will also set up the FLM and FireSeed forum point system. Community members can obtain FLM and FireSeed rewards through the forum, and can exchange them with FLMs and FireSeeds on the chain. In this way, the contribution system of the entire community can be more complete and perfect.

The FireDAO forum member is not free to register, it can only be registered automatically by casting a PID. For more specific policies on the FireDAO global ecological forum, please refer to the actual operating documents of the forum.

4.6 FLM airdrop and rewards

In order to expand the FID Web3 identity system better and faster, the FireDAO ecosystem will conduct the most extensive airdrop in the history of Web3. The FireDAO official team will screen active wallet addresses on the chain, and at the same time issue various types of community activity medals SBB for active users in the entire crypto world to mint. For those users who have already minted the community activity medal SBB, the FireDAO community will conduct various types of free airdrops, airdropping FLMs to those active users.

The FLMs received by the airdrop can be exchanged for the governance token FDTs in the official exchange pool. The price of FDT is subject to the real-time price of the secondary market transactions. At the same time, the exchanged FDTs start to be unlocked at the speed of each block, and it will be released linearly within about two years.

To receive airdrops, you must have a PID. Without a PID, you cannot receive airdrops. After the FLMs in the airdrop pool have been claimed, you can continue to inject FLMs into the pool to ensure the continuity of the airdrop. When the FLMs in the airdrop pool are completely used up and no longer injected, those who have not received the airdrop will no longer be able to participate.

For more specific policies on FLM soul airdrops, please refer to the actual operation documents in the future.

4.7 FDT Liquidity LP Mining

In order to motivate more long-term value investors, FireDAO will launch a liquidity LP mining incentive for FDT. Each community member can lock the LP of FDT's main trading pair into the liquidity mining pool, and can mine the incentive token FLM. The obtained FLMs can be exchanged for FDT and unlocked linearly in two years.

Different mining weight coefficients are determined by the different lock-up periods. The longer the lock-up period, the higher the mining weight. The protocol relies on the number of minted soul-locked tokens SBT-005 to implement specific reward policies.

During this lock-up process, the protocol casts two kinds of SBTs: SBT-001 and SBT-005. SBT-001 is mainly used to record the FDT comprehensive position information of this soul account, and SBT-005 is mainly used to record the liquidity mining information of this soul account. The entire ecology distributes FDT ecological dividends according to the position weight ratio of SBT-001, and rewards liquidity mining according to the position weight ratio of SBT-005.

The amount of SBT-001 minted is determined by the number of FDTs contained in the LP and the weight coefficient when the LP is locked. If the LP contains 10,000 FDTs now, locked for 3 months, and the weight coefficient is 3, 30,000 SBT-001s will be minted. At the same time, since the amount of FDT contained in LP is constantly changing, if the lock-up period matures and LP needs to be withdrawn from the mining pool, the same proportion of SBT-001 will be burned according to the proportion of withdrawn LP. If the lock-up period matures and LP is not withdrawn from the lock-up mining pool, this order will continue to enjoy the benefits of the original policy.

The amount of minted SBT-005 is determined by the number of LPs and the weight system when LPs are locked. In the case of current lock-up, 1 LP can mint 1,000 SBT-005. If it is locked for 3 months and the weight factor is 3, 3,000 SBT-005 can be minted by depositing 1 LP. At the same time, if the lock-up period matures and LP needs to be withdrawn from the mining pool, the same proportion of SBT-005 will be burned based on the proportion of withdrawn LPs.

FDT Liquidity LP Mining Weight Design		
No.	Lock-up Period	Weight Coefficient
1.	Demand Deposit	1
2.	1 month	2
3.	3 months	3
4.	6 months	4
5.	12 months	5
6.	24 months	6
7.	36 months	7

More specific policies on FDT liquidity LP mining are subject to future actual operating documents.

4.8 FDT Lock-up Mining

In order to motivate more long-term value investors, FireDAO will launch an FDT Lock-up Mining. Each community member can lock FDTs into the mining pool, assign different weight coefficients according to various lock-up period and can mine the incentive token FLMS. The obtained FLMS can be converted to FDTs, which will be released linearly within two years.

Different mining weight coefficients are determined by various lockup period. The longer the lock-up is, the higher the mining weight will be. The protocol relies on the number of FD-SBT-006 to implement specific mining reward policy.

During this lock-up, the protocol mints two SBTs : FD-SBT-001 and FD-SBT-006. FD-SBT-001 is mainly used to contain the FDT comprehensive position information of this Soul Account, and FD-SBT-006 is to contain the lock-up mining information for this Soul Account. The whole ecology distributes the ecological income according to the proportion of holding weight of the FD-SBT-001, and rewards the lock position mining according to the proportion of holding weight of the FD-SBT-006.

The minting quantity of FD-SBT-001 is determined by the number and weight coefficient of FDTs during the lock-up. If 10,000 FDTs are locked, for example, the period for 3 months, and the weight coefficient is 3, then the minting amount is 30,000 FD-SBT-001s. If the lock-up matures and FDTs need to be withdrawn from the mining pool, the same proportion of FD-SBT-001s will be burned according to the proportion of withdrawal from the lock-up order. If the lock-up time ends and FDTs are not withdrawn from the lock-up pool, the original policy remains effective.

The minting quantity of FD-SBT-006 is determined by the number of FDTs and the weight coefficient during the FDTs lock-up. If 10,000 FDTs are locked for 3 months, and the weight coefficient is 3, then 30,000 FD- SBT-006s will be minted. If the lock-up matures and FDTs need to be withdrawn from the mining pool, the same proportion of FD-SBT-006 will be burned according to the proportion of FDTs withdrawal from the lock-up order. If the lock-up time ends and FDTs are not withdrawn from the lock-up pool, the FDTs original policy still remains effective.

FDT Lock-up Mining Weight Design		
No.	Lock-up Period	Weight Coefficient
1.	Demand Deposit	1
2.	1 month	2
3.	3 months	3
4.	6 months	4
5.	12 months	5
6.	24 months	6
7.	36 months	7

Chapter Five: FireDAO Community Governance

FireDAO is a community-driven autonomous economy built by all community members, in pursuit of co-creation, co-governance and co-ownership! Having a sense of ownership, each community member is the real master of FireDAO and participates in the collective decision-making of the community in the form of referendum voting.

FireDAO issues governance token FDT. The holders of FDTs are the owners of the entire FireDAO community. However, unlike the governing principles of general DAOs, FireDAO carries out community governance activities centered on the FireSoul account. FireDAO will create a community governance DAO which will serve as the highest governance body of the entire FireDAO community.

Each official member of DAO has a soul account and is assigned an FID. Each FID has a "on-chain reputation" value. FireDAO is based on the value of on-chain reputation as voting right to participate in the community governance of the entire DAO. Community members without FID have no right to enjoy various rights within the FireDAO ecosystem, including but not limited to reward rights, dividend rights, voting rights, and the right to be elected.

The FireDAO community was initially governed by the RainbowCity Foundation in a centralized manner. The RainbowCity Foundation authorized the formation of a interim management team for the global community governance of FireDAO, which will be governed by the interim management team.

The FireDAO Global Community Interim Management Group is appointed by the RainbowCity Foundation. The chairman of the RainbowCity Foundation serves as the interim team leader and has a veto power over the proposals of the group. As the ecological development of FireDAO goes gradually on track, the authority of each administrator of the FireDAO protocol will be handed over to the community governance DAO one after another. The community governance DAO manages and governs, and makes decisions in the form of community referendums. FireDAO will gradually realize completely decentralized governance.

5.1 Governance Structure

Inspired by Compound's governing principles, FireDAO creates a governance DAO for decision-making by the whole people, and this governance DAO is responsible for the governance and upgrade of the entire protocol. In contrast, FireDAO does not use the voting model of "one token, one vote" but creatively centers on the FireSoul account, combining the number and weight coefficient of different Soulbound tokens in the Soul Account, and thus ultimately creates the FID On-chain Reputation, using the score of FID On-chain Reputation as the voting weight of governance.

5.2 Proposal Threshold

Any wallet address with an FID On-chain Reputation score of more than 100,000 points can propose governance activities by creating proposals in the form of executable code.

5.3 Voting Delegation

It takes 72 hours from the creation of the proposal to the official vote, which is convenient for users to delegate voting.

When the proposal contract is activated and the block height is determined, community members with FID now can open a voting delegation for this proposal and obtain formal votes. Different proposals require different voting delegations. The voting weight will be based on the FID On-chain Reputation scores at the block height when the proposal is created. Any vote must be cast through a delegation. Voting delegation can be delegated to oneself or others, and can also be delegated to different wallet addresses.

Voting rights delegated to other wallets can be revoked before voting officially begins. After the official voting starts, users can still delegate and vote, but cannot revoke the voting rights that have been delegated to others.

5.4 Voting Execution

The voting has support, object and abstain three options. Users who have completed the voting delegation can vote through the three options respectively.

The voting process lasts 3 days. The voting right can be multiple options and each option has a different number of votes. After the vote is cast, it cannot be revoked.

5.5 Voting Result

When the referendum voting is officially over, the total score of FID On-chain Reputation when the proposal was created is used as the total voting weight base. Votes will be valid only if the total number of votes exceeds 20% of the score; otherwise the proposal will fail.

When the referendum is officially over, the total voting points will be used as the base to judge the voting results. If the number of support votes exceeds 50% of the base, the proposal will be approved; otherwise the proposal will fail.

5.6 Result Execution

If the proposal is approved, the result will be queued in Timelock with a Timelock delay of 2 days. After the Timelock period ends, any account can apply the changes in the proposal to the target contract, which will access each operation in the proposal.

5.7 Guardians Contract

The governance contracts include a guardian contract address controlled by the FireDAO team and it can cancel the proposal or disable the governance module in an emergency.

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References

During the process of writing the white paper, we referred to a large number of online articles & materials about DAO and Web3 which enormously inspired our understanding of the entire industry, and this also promoted the birth of FireDAO. As of now, we only list some key articles as a reference directory.

Meanwhile, we would like to express our highest respect and heartfelt thanks to all thought leaders, developers, builders and supporters who have contributed to the crypto world. Let's build the Web3 DAO world together.

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