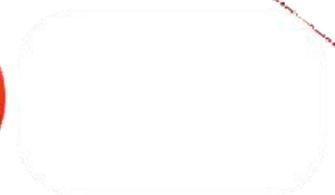


# Spider Ecology

The ultimate application of smart contract



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# I . Summary

In the context of Internet big data, the era of 5g data transmission has been opened, and the concept of decentralization has been proposed. The blockchain technology has been derived from the initiation and application, and the digital currency has been rising, and the blockchain has been applied to commercial. The wider the scope, the more the crisis of trust broke out, and the regional centralization runs counter to one another.

"Spider Ecology" was initiated by the dark net technology team. The blockchain loves anonymity technology to decipher the dark net equation, and to open the smart contract commercial financial application with the concept of financial decentralization, staged distribution, and release full intelligence based on the token. Plan and embed contract applications to get rid of central controls and implement anonymous digital assets with no central and distributed accounting.

Spider Eco is committed to building the underlying infrastructure of the blockchain and promoting the decentralization of the Internet. Espi Wallet is a high-performance wallet oriented by community autonomy, providing high throughput, high scalability and high reliability for decentralized application operations. Support. The spider espi protocol is one of the decentralized application operating system protocols based on blockchain. The espi token is the ecological development coin of spider ecology, which can be used for spider ecological application development and community operation rewards. The first



ecological spider wallet The most important problem is to solve the problem of large-value legal currency transaction security and over-price, serve the community and create value for the community.

## II .SPIDER ECOLOGY

"Spider Ecology" is abbreviated as espi, decentralized blockchain bottom-level technology, equation decoding intelligent accounting, derivation, fundraising, and energy splitting three stages to derive espi smart contract digital asset commercial community application, and ultimately evolve digital asset benefits, Espi smart contract financial field is widely used.

### (A) espi background

Decomposing uncompiled code that is not traditionally understood, espi obtains initial access rights by deciphering complex equation combination codes, and uses developer rights to build a series of decentralized blockchain terminals such as transfer payment ports, asset exchanges, and digital asset wallets. application.

### (B) espi equation combination

In the concept of blockchain, its security is also closely related to the characteristics of decentralization. In order to seek common ground while reserving differences, the bottom of the espi smart contract formula contract is deciphered by technology to complete the three-way equation combination operation.

$$ESPI = \int_{S_{a+T}}^{S_{a+Sx}} P ds = \int_{S_a}^{S_{a+Sx}} Pa (S / So)^a \therefore dS$$

$$= \frac{POSo}{a+1} \sqrt[So]{1 + \frac{T}{So}} \left( (So/So)^{a+1} - 1 \right)$$



$$= PeSo \frac{(S/S_0)^{a \pm 1}}{a \pm 1} a/S_0 \Big|_{S=S_0}^{S=S_0+T} =$$

At present, three anonymous technical teams are involved in the cracking of the equations. Some technical formulas have been broken, and the equations have been partially compensated. Through the steps of cracking and digesting, three exchange pools are opened. In the future, we will work harder to remove more equation barriers, prepare technical forces, and issue technology open source computing solutions.

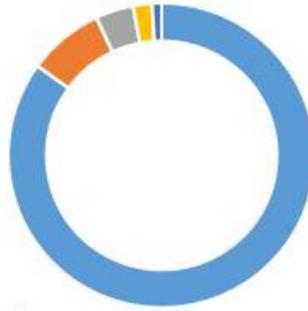
## **(C) espi hair**

The blockchain financial market is mixed, and many decentralized and evolved various end-use applications, but the essence is only a guise of digital currency finance. The simple digital currency issuance, which has been polished by the market, has become crude.

Espi's original intention is to write a new form of exchange for smart cards, let the code execute and supervise, let all community participants jointly control, present a truly decentralized project, and put the concept into reality and transparently data. , management is public, and the books are open.

## **(D) Espi dark network smart contract overview**

Total smart contracts: 10 billion



- Lock 8 billion 500 million
- Mining by new equity pledge mechanism 200 million
- Fission hardtop 800 million
- In the early stage, ESPI operates in the technical team of 100 million
- Mining 400 million by tower transformer mechanism

The total amount of smart contracts: 10 billion contract total addresses are open, participants can query and supervise through community information.

Consensus algorithm: dpos

```

1 for round i //分成很多个round, round无限持续
2   dlist_i = get N delegates sort by votes //根据投票结果选出得票率最高的N个受托人
3   dlist_i = shuffle(dlist_i) //随机改变顺序
4   loop //round完了, 退出循环
5     slot = global_time_offset / block_interval
6     pos = slot % N
7     if dlist_i[pos] exists in this node //deLegate在这个节点
8       generateBlock(keypair of dlist_i[pos]) //产生block
9     else
10      skip

```

Fission hard top: 800 million

Spider web mining: 400 million

New equity mechanism mining: 200 million

Early espi operations and technical team: 100 million

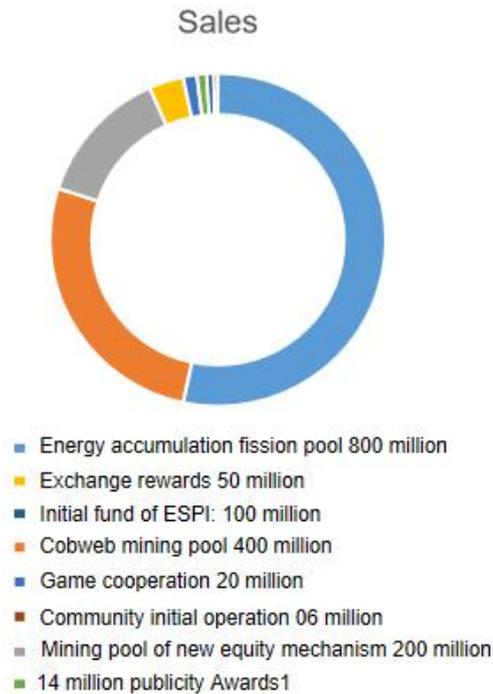
Ecological development lock warehouse: 8.5 billion

Espi price: According to the stage of fission rule, real-time fluctuation, the reference

formula is as follows:

$$\frac{eth(\$)}{x - n * y} = espi(\$)$$

**The pre-excavation part of the espi smart contract is specifically allocated as follows:**



The 800 million ESPI smart contract entered the fission process, and initially it was used as a gathering pool for the energy fusion fission, corresponding to the eth smart contract issue.

The 400 million espi smart contract has become a spider web mining pool for coal mining. All community participants are jointly supervised and enjoy the corresponding income rights.

200 million espi smart contract as a new equity mechanism mining pool

50 million espi as an exchange reward (in conjunction with the activities of 30



transactions, rewarded to participants in the secondary market of the exchange)

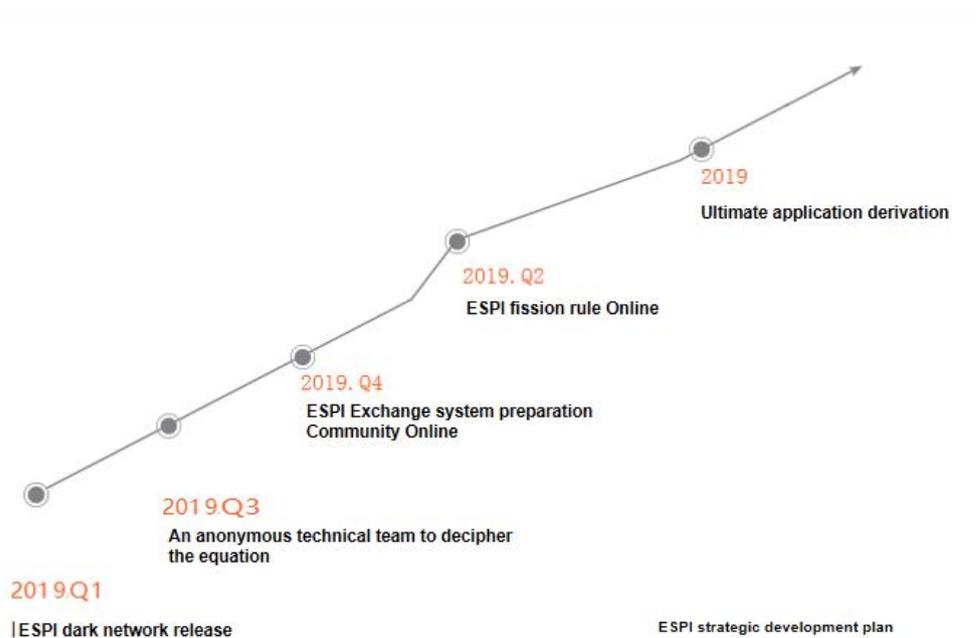
20 million espi reward game partners as a post-derivative startup fund

14 million projects announced awards (50 market promotion tools, community platforms, media and other categories)

10 million espi initial funding

6 million ESPI has become the initial operational reward for the three communities of anonymous communities. Each community rewards 2 million ESPIs. Each community is an anonymous community. The pool is supervised by community participants. Each community needs to pledge 1000 eths. Pledge conditions, automatic thaw after the start of the program operation system

## (E) espi development planning



### **Anonymous technology release**

The espi blockchain is released at the bottom of the block, and the dark network intelligent contract program is built. The anonymous technology has deep accumulation of cloud computing and ecological domain in the chain. It has a deep understanding of the value and application prospects of the blockchain technology, and establishes community-specific intelligent application applications to attract the world. The developer elite builds a developer autonomous technology community.

### **Anonymous technology initiates equation decryption**

Anonymous technology joint technology to solve the dark network operation formula, espi smart contract mysterious equation preliminary calculation. Use the engineering machinery control system to obtain relevant parameters and send it to the Ethereum blockchain smart contract address, to achieve a credible representation of the number of contracts.

Through the equation deciphering, three results are derived, and community applications are organized to recruit community members:

ESPIx12Ne\*\*\*\*\*rEdfh

ESPIx12Nx\*\*\*\*\*rEdfh

ESPIx12Nq\*\*\*\*\*rEdfh

The three derivation results belong to different anonymous community keys, and the identity verification certificate of the espi contract is obtained through the



portal authentication key of the anonymous community.

### **Anonymous technology to build an independent community**

Anonymous technical team share the results of espi computing, build 3 units of independent communities, open online exchange platform, recruit participants to share other rich independent applications of espi. Use the form of key check code to verify the participants Community identity certification.

### **Espi value formula construction**

The bottom layer of the espi smart contract is built, and the decentralized fission model is born. Through the gathering of fission centers, more members of the community are absorbed, and the spiral price rise curve of the fusion stage is realized, and the initial participants' interest returns are realized. Benefit protection, espi contract independent development, fissile contract method see the fission rule introduction of this article.

### **Community use compensation**

Rich multi-ecological co-constructor rewards, jointly supervised by the gatherers and fissiles, all community members jointly control the spider eco-smart contract, the fission fission is completed, all community participants, whether the gatherer and the enabler or fission Can share a huge amount of eth pool.

### **Ultimate application derivative**



With the espi equation constantly being deciphered by the anonymous technical team, the espi spider spider ecology will generate more abundant ultimate blockchain self-energy, and the community participants will realize the value enlargement through the espi smart contract, and participate in the deeper blockchain technology being developed and application.

### III. Fission on

Spider Eco is committed to building the underlying infrastructure of the blockchain and promoting the decentralization of the Internet. Espi Wallet is a high-performance wallet oriented by community autonomy, providing high throughput, high scalability and high reliability for decentralized application operations. Support. The spider espi protocol is one of the decentralized application operating system protocols based on blockchain. The espi token is the ecological development coin of spider ecology, which can be used for spider ecological application development and community operation rewards. The first ecological spider wallet The most important problem is to solve the problem of large-value legal currency transaction security and over-price, serve the community and create value for the community.

The espi smart contract equation is deciphered, the contract procedure is automatically opened, the community participants participate in the fission with the entrance verification key, and the espi fission application is based on the intelligent contract automatic program application set up on the Ethernet link to realize the ultimate application on the decentralized wallet chain.

Anonymous technical team equation derivation key as the top fission, participant wallet address as the community member node identity, node members have their own deduction key, verify the community identity through the key, complete the community identity authentication, the contract automatically starts the fission



key .

## **(A) Fission season cycle:**

Use the equality result parameter as the only reference for the fission season cycle:

$$\frac{eth(\$)}{x - n * y} = espi$$

The date when the n-stage result is not true, that is, the fission application end date, the additional reference value x (the value of the fission first period is not yet), and y is the ratio of the redemption increment.

## **(B) Fission compensation settlement**

Gathering fission is a season every 15 days, and each season's season cycle ends at 23:50 am (Singapore time) on the 15th day.

Smart contracts automatically issue bonus settlements after the end of each season cycle.

The second season will be automatically opened on the 16th day at 00:10 (Singapore time). The rewarded series is no longer repeated, but the recommendation relationship remains the same.

And so on, until the gathering of 800 million espi hard tops, the energy-cracking will stop automatically.

The espi fission program establishes an automatic computing mechanism, which

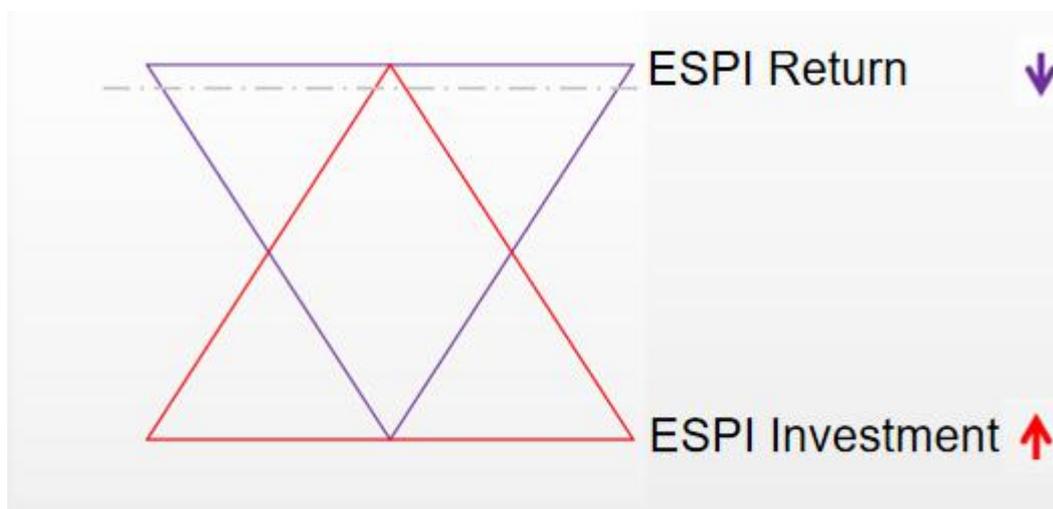


indicates that all successful members of the community's fission success will pay for the rich conditions of the established conditions, and the rewards will be automatically executed by the espi smart contract.

For details of the various compensation calculation methods, see the explanation of fission compensation.

## IV. ESPI shaped energy fission rules

Gathering fission exchange is based on the promotion phase of community participants, the program automatically calculates and discriminates, insists that the higher the proportion of participants in the initial eco-community is the principle, the investment ratio and the number of returns are crossed triangles:



### (A) Two-variable control risk gathering fission rules

Convergence fission exchange is based on the principle that the earlier the ecological partner ratio is higher:

1 The first phase of the fission fission 10<sup>th</sup> completes a phase, and each additional phase increases the 1<sup>st</sup>, the profits of the community participants are more abundant;

2 In the process of fission fission, each time a stage of energy fusion fission is completed, the number of espis exchanged in the next stage will be reduced by 10,



driving the value of espi to spiral upward.

Smart contracts use this two-variable to automatically control the risk of energy-split fissures to ensure that users participating in early Fission Fission can achieve higher returns, and that initial and late entrants will not have a fault-like difference. This will ensure that early participants are more profitable and have a very good control of the risk of fission collapse.

The energy dissipation fission is illustrated as follows:

The first stage is 10eth, and each time you enter the next stage, the exchange ESPI minus 10, eth plus 1

The first stage 1eth=16400ESPI

1 phase 1eth=16400ESPI Gathering 10eth End

2 stage 1eth=16390ESPI aggregate 11eth end

3 stage 1eth=16380ESPI Gathering 12eth End

.....

The program automatically follows the calculation formula to calculate the fission result:

n is the variable of the stage, then n+9 is the initial variable of the energy pool, and the total amount of the energy pool is X.

$$\frac{(n+9+10)*(n+9-9)}{2} = x$$

Therefore, when you need variables in the calculation phase, you must refer to the value of the pool.

When you need to calculate the value of the pool, you must refer to the

variables of the stage.

Then, the operation of the  $\frac{1eth}{16400espi - 10 * n} = espi$  equation gives the result of the espi phase.

## **(B) Scarcity of energy gathering fission rules**

The scarcity and liquidity of encrypted digital currencies determine their value. Any currency that reflects value is due to scarcity and liquidity. Bitcoin can generate two core values: 1 constant 21 million quantities and regular mining quantities. The halving mechanism. 2 The ecology of Bitcoin continues to develop. As more and more people use it, its circulation continues to deflate. The decline in output and the increase in users create a typical deflation paradigm in the financial model. Why do many Bitcoin believers and eco-builders come up with the slogan that Bitcoin will reach \$1 million. The scarcity of Espi's scarcity is to use the amount of fission that controls the expansion of the espi while increasing the espi ecological expansion. Change the relationship between supply and demand, demand is always greater than supply, the secondary market will continue to be frenetic, value is prominent, ecological construction will be more healthy and rapid development, and achieve the next hundred times.

Scarce fusion energy fission rules are divided into two stages

Stage 1: Free energy gathering fission stage: espi's free energy bursting limit is 300 million.

Stage 2: Scarcity of Fission Fission: The completion of the 300 million



energy-capacity fission quota will open the scarcity of fission fission. It is necessary to take positions in the spider eco-chain to participate in the fission fission, and to use the scarcity of fission to fully adjust the supply and demand relationship. Promote more esp believers to continue to buy from the secondary market, ensuring the rapid circulation of the secondary market and the rapid development of the ecology.

Each stage of scarcity fission fission is 30eth, and each time entering the next stage, the ratio of holding fission is reduced by 0.01%.

The first stage position fission ratio: 50%

(Example: 1000espi position, can fission 500espi)

1-stage energy-enhancing fission position fission ratio: 50% Gathering 30eth End

2-stage energy-enhancing fission position fission ratio: 49.99% Gathering 30eth  
End

3-stage energy-enhancing fission position fission ratio: 49.98% Gathering 30eth  
End

.....

Fission fission position fission ratio: 0.03%

Fission fission position fission ratio: 0.02%

Fission fission position fission ratio: 0.01%

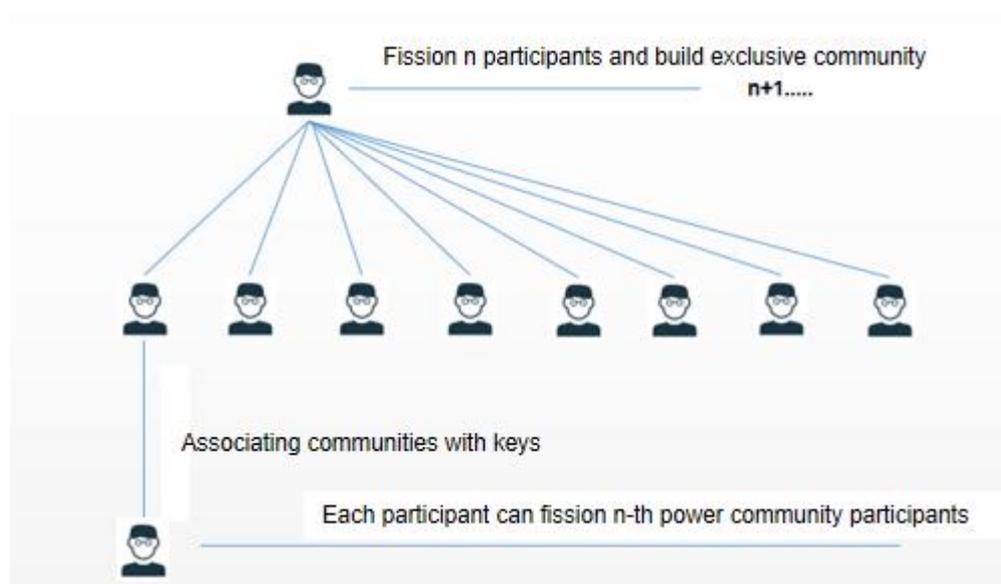
## (C) espi shaped energy fission node compensation

The asset pool in the espi energy chain is rewarded to the community participants according to the rules. The distribution mechanism is automatically settled by the smart contract according to the distribution formula. When the preset condition is met, the espi smart contract is automatically triggered.

ESPI Ecology will use 100% of the total asset pool eth on the fission chain as an ecological operation and reward, and establish fission fund, gatherer fund, enabler fund, repurchase fund, plan fund, reward all feedback and participate together.

Participants and promoters of the ESPI ecosystem.

### Fission mode

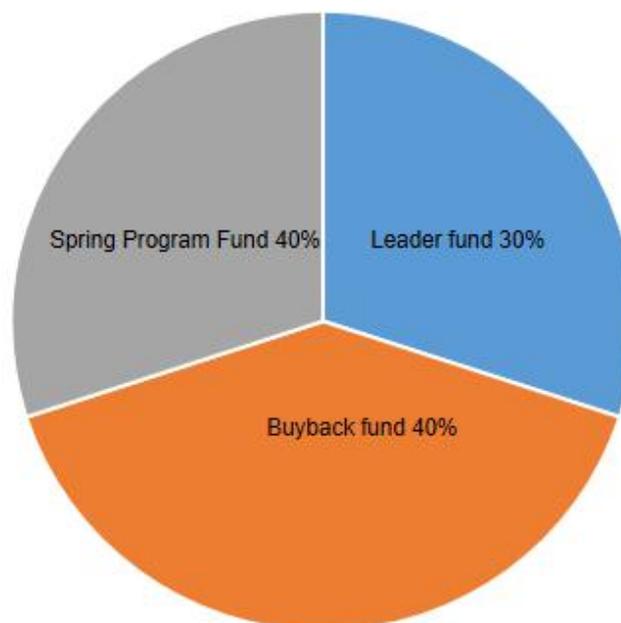


Each community participates in the equation key, associates the community's identities, and completes the identity verification, then obtains an independent equation key, builds its own exclusive community through the key, and deduces more fissile community participants.

Any community participant reaches the programmed operating conditions, the program performs intelligent settlement, and the eth of the pool is fixedly proportioned according to the ratio.

**Proportion plan for the total amount of energy pool eth:**

Gathering pool eth total proportion distribution



**Leadership Fund: 30%**

**Repurchase fund: 40%**

**Spring Broadcasting Program Fund: 30%**

## V . Explanation of fission compensation

Espi concentrating fission is based on the decentralized application built on the Ethernet chain. The espi intelligent contract program is used to participate in the fission. Before participating in the fission, the community identity is first verified, and the participants need to use the equation key for community identity authentication.

The fission program is turned on. In addition to verifying the key identity, the participants need to participate in fission effectively, and the number of espies is not less than 2000, which becomes an effective fission identity.

### (A) Gatherer

Use the cobweb system to get espi rewards

The community participates in the fission exchange espi smart contract, participates in the aggregate fission of  $\geq 10,000$  espi, which automatically becomes a concentrator.

#### **Gathering espi cobweb reward rules**

**Participation conditions: gatherers or enablers**

**Cobweb mining espi number: 400 million**

**Cobweb participation rules:**

Through the entrance of the espi smart contract program, participate in the fission exchange espi, the personal address participates in the energy fission of not less than 10,000 espi, that is, automatically become a concentrator.



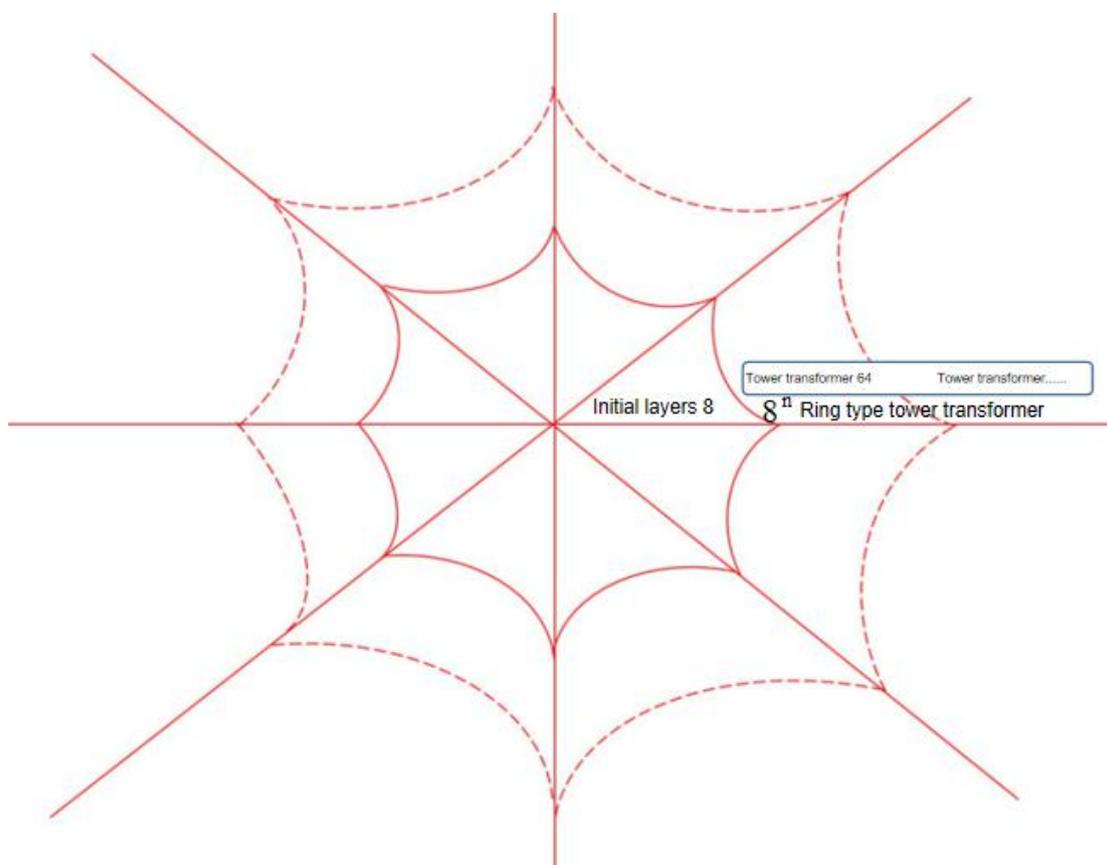
The community has opened a new mining system, and the gatherers are involved in mining incentives. The total number of mine pools is 400 million espi smart contracts. After the number of mine pools is exhausted, the program will automatically stop the spider web mining mechanism.

The spider web mining benefit system is like a giant spider web. Each gatherer can have his own spider web ecology, and it is also a gatherer of the community spider web ecology. It looks like a collection of numerous spider webs, through the spider web system. All recommended relationship networks become transparent and traceable on the espi chain. The benefits of interpersonal relationship expansion have clear account records on the espi chain. Each user can set up their own spider ecosystem to not tamper with The characteristics of sex and decentralization continue to gain.

How many concentrators are in the espi chain, how many activated espi spider source points, spider network will be born under the spider source source. Each spider network can have an infinite layer of link relationship. In other words, each espi concentrator is at the center of its own spider network.

The Gathering Spider Network has its own unique interpersonal relationship chain. Each concentrator of the web is located in the center of its own cobweb ecology, and receives a steady stream of rewards from its own spider web fission, up to 12 spider webs. In these 12 layers, both direct and indirect fission can be rewarded. Each espi address can split up to 8 espi locking relationships. This is a huge network of fission relationships, and the concentrator can invite the world. Everyone joins

the espi spider network system and spawns countless gatherers and spider systems.



The program calculation follows  $12^n$  and changed to 8th power of  $n$ , automatically forming a spider network;

### **Spider web mining fission rules:**

The address of the espi of the occupant must fill the 8 positions of the first lap of the cobweb system to obtain this level of system reward. The espi address of the occupant is automatically ranked to the first espi address regardless of the new espi address generated by direct and indirect fission. Circle, until the first circle is full, it will automatically arrange the remaining espi address to the second circle.

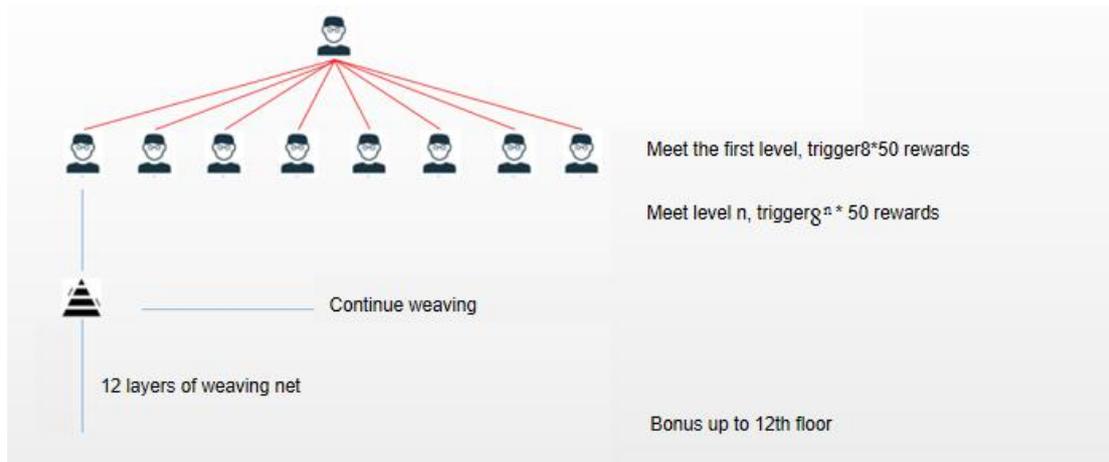
Each time the system of the concentrator is full, the cobweb reward is automatically

triggered. The first lap of 8 espi addresses triggers the first layer of rewards, and the second lap of 16 espi addresses triggers the second layer of rewards. analogy.

**A fissioner involved in fission no less than 2000 espi will be counted as a valid spider system member.**

The espi address spider web mine has an invariant base of 50. Each recommended a cobweb system member will activate 50 espi rewards. The 50 espi assignments are: 120 espi rewards to the immediate superior, 230 espi traces back 10 layers, each layer rewards 3 espi. If you trace up to 10 layers, the rest of the espi will reflow and return to the spider web.

The details are as follows:



**This award triggers a timely arrival, unlocking circulation after the 15-day Fission fission season.**

Cobweb derivation: (n stands for level)  $n \times 12 \times 2$

Cobweb mining operation mode: (n stands for level)  $n \times 8 \times 2 \times 50$



## **(B) Leader (30%)**

Co-constructed spider ecology to get rich eth rewards, superimposed to enjoy global dividends and team performance awards

### **1. Global Dividend Award**

The community participates in the fission exchange espi smart contract, participating in the aggregate fission of  $\geq 20,000$  espi, which automatically becomes the enabler.

The incumbent, early convinced of the scarcity value of the espi ecology, and constantly promoted the initial ecology of the espi.

**Leadership Reward Level: Gold Leader, Platinum Enthusiast, Diamond**

#### **Enthusiast**

**Gold leader's promotion conditions:** personal participation and direct push friends and their indirect promotion friends gather fission espi total 2 million

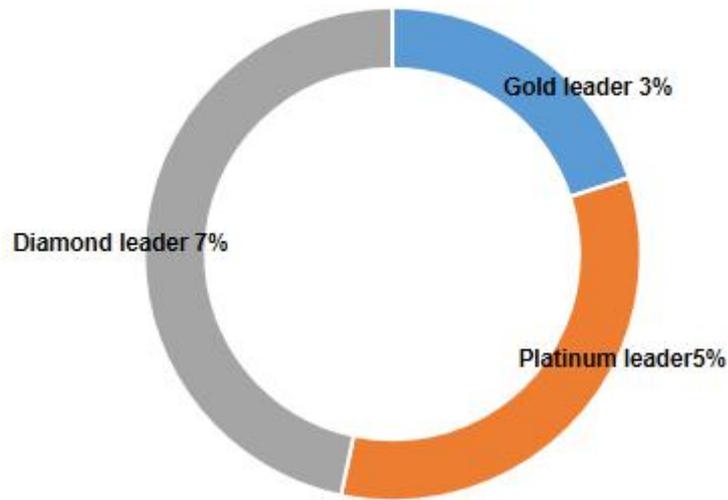
**Platinum Leaders Advance Condition:** Directly push at least three gold leaders

**Diamond Leaders Advance Condition:** Directly push at least three Platinum Leaders

**The daily pool total dividend income of the enabler is settled daily, and the**

**15-day Fission fission season is over.**

### Competent pool total dividends



The plentiful eth of the daily total pool of the plucking fission season is equally divided into the gold-powered

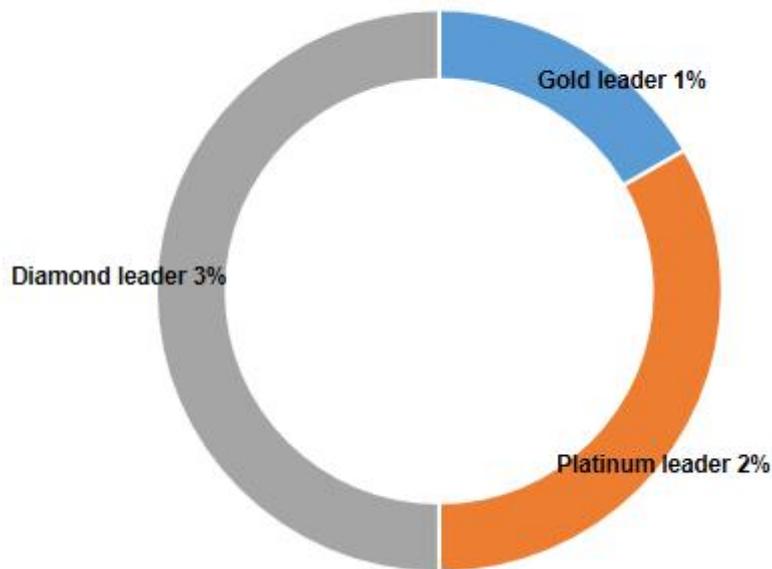
The 5% of the newly added eth in the daily pool of the plucking fission season is awarded to the person who has been promoted to Platinum

The 7% of the newly added eth in the daily pool of the Jubilee Fission Season is awarded to the Diamond Leader.

## **2, team performance award**

**The Entrepreneur Team Performance Awards are settled daily, and the 15-day Fission Fission Season is over.**

## Leaders Team Performance Award



Its team gathers fission and adds 1% of the daily performance eth to the gold leader.

Its team gathers fission and adds 2% of the performance eth to the Platinum Enabler every day.

Its team gathers fission and adds 3% of its daily performance to the diamond's enabler.

## (C) Spring sowing plan (30%)

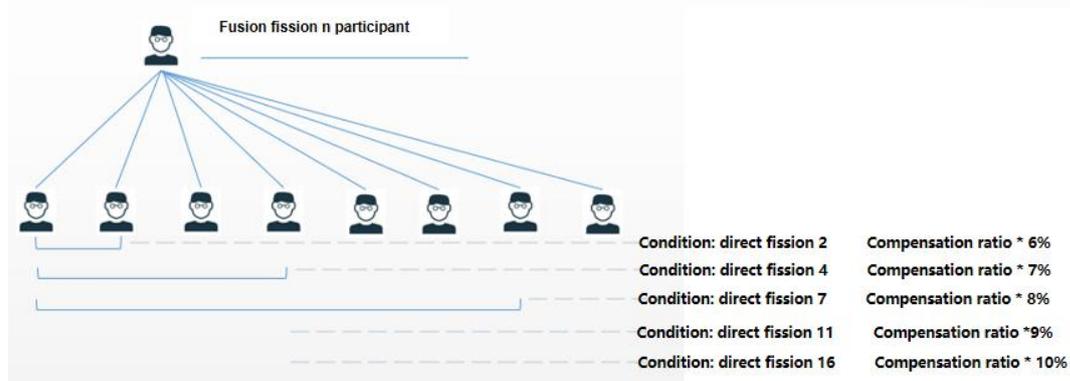
**Direct reward rules (10%) directly recommend eth rewards**

**Participation conditions: gatherers or enablers**

**Daily settlement, daily release**

Directly promote the gatherer or the enabler to participate in the fission fission, up to 10% of the number of the first generation of fission eth.

Reward rules:



**Wallet position rewards 15% (get eth reward based on ranking)**

**Daily settlement ranking, 15 days of Fission fission season end**

Reward rules: 15 days for a season cycle, within 15 days of the season, take a snapshot every day (random interception time point) intelligently intercept the total position of the wallet season cycle to rank, the top 10 addresses, get the season cycle Pool all eth 15% of the reward.

The rewards are distributed as follows:

Ranking	Reward Bobby	Ranking	Reward Bobby
1st place	5%	6th place	0.75%
Article 2	3%	7th place	0.65%
3rd Place	2%	8th place	0.50%
4th place	1.5%	9th place	0.35%
5th place	1%	10th place	0.25%

Net buy amount reward 5% (acquire eth reward based on ranking)

**Daily settlement ranking, 15 days of Fission fission season end**

Reward rules: 15 days for a season cycle, 15 days of the season cycle, take a snapshot every day (random interception time point) intelligent interception exchange net buy to rank, ranking the top 10 addresses, equally divided season seasons pool 5% of all eth's rewards.

## VI. Repurchase Fund (40%)

**Regularly repurchase espi and destroy the number of repurchase espi**

Regularly repurchase espi and destroy the repurchase espi

Repurchase rules: not publicly disclosed

40% of the eth energy pool on the energy pool and direct awards for uncompleted distribution, used to repurchase ESPI, the ESPI of the repurchase is directly destroyed, and the destruction address is directly published and used for early exchange cooperation.

## VII. new rights rich plan

### **New Equity Pledge New-staking: (ESPI Reward)**

**Subvert the traditional single mode of lock-and-lock, maximizing the return of individual lucky participants.**

### **Equity pledge lottery**

Each pledge 5000espi one day can gather 1 sign, pledge two days to produce 2 sign, the program automatically records the pledge ratio, automatically calculate the number of participants' daily sign, and so on.

There is no limit on the number of pledges and the number of days. The smart contract procedure runs completely autonomously, and participants can freely choose the new equity pledge method.

**The pledge income per day is 0.4%.**

All espis that participate in the pledge can be filled with 100 signatures. The program triggers the lottery system, runs automatically, and automatically settles.

According to the fair draw method (formula), the system will draw 10 awards to equalize the rewards of the pledged income at this stage.

Example:



Pledge 5000espi pledge for one day, gather to produce 1 sign

Pledged 10000espi for two days, and gathered for 4 signs

The more the pledge, the longer the pledge, the longer the season cycle, the more abundant the number of stagnation

Let x be the number of tickets

n is the multiple of the pledge

y is the number of days of pledge

**Then the lucky signing program is operated as follows:**

$$\frac{5000espi * n}{5000espi} * y = x$$

For example, there are z individuals involved in the pledge, each person pledges 5000ESPI, all choose to pledge one day.

The full z sign, triggered the lottery mechanism.

**The total proceeds from the current period of pledge are:**

$$5000espi * z * 0.4\% = \text{Total income of current pledge}$$

Then the system will select the 10 signatures (the lottery formula) to get the equal score:

Each sign of the winning is obtained by way of calculation:

$$\frac{5000espi * z * 0.4\%}{10} = \text{Income of each lucky sign}$$

When the total number of totals reach s 100, the program automatically triggers

the lottery, and the winning sign can be awarded the corresponding reward, and

the automatic cancellation will not be successful regardless of the current round or



the winning sign. When an anonymous participant holds 10 signatures at the same time, but the current round of prizes has accumulated 95, then the 5 rounds of the anonymous participant will automatically trigger the current round of draws, and the remaining signatures will wait for the next round of draws to be opened;

After the participants choose the pledge season, the contract procedure calculates the proportion according to the number of pledges and the pledge season, and distributes the lucky tokens at one time. To ensure fairness and justice, each community participant receives no more than 100 tickets at one time.

## VIII. espi derivative plan

To create rich value, espi must have more independent and independent application as its support. The blockchain-based technology continues to mature and apply. It builds rich intelligent contract applications to meet the interests of market participants. It is the ultimate espi ecosystem. aims.

Gathering fission is only the beginning of espi. Its growth requires the trust and support of more participants. In the fierce market competition environment, the spider eco-energy fission intelligent contract program will serve as the primary market answer for espi ecology. When espi intelligent The contract process is fully recognized by all participants, and espi Eco will continue to build more and more intelligent contract procedures, submit to all community participants a novel mid-level market answer, continue to update the product iteration, and launch towards the ultimate application. attack.

### **(A) Financial management + game dual engine launch**

After experiencing the clustering of energy and the community spider web stage, espi will open a rich application ecosystem in the smart contract process. The first heavy application is the espi smart contract perfect financial plan, which is perfectly combined with the current period, taking into account the long-term The fixed time is compounded, and the free time and flexibility of the current deposit. The regular financial management adopts a limited time snapping mode. The season cycle is



365 days. After the expiration, the one-off repayment of the interest can be used to obtain 3 times of the income.

If the user does not want to wait 365 days, you can deposit the espi smart contract in the current wallet to obtain the reputation value. After 36 hours, you can get the 1% credit value, and you can release the regular financial principal in advance by 1%. If the demand deposit does not decrease for 10 consecutive days, it can increase the credit value by 0.1% every 24 hours, further speeding up the release of the regular principal and interest.

During this period, investors can get accelerated release according to the number of valid accounts they invite to their friends (current + regular  $\geq 3,000$  espi smart contracts). Different levels of accounts get different speed ratios. Of course, the more effective accounts, the more release Fast, the fastest one day can be fully released.

From the model point of view, this is an innovative financial management method in the blockchain. It is not an absolute regularity on a regular basis, and the current period does not have to be a current period. In the end, it is a kingly way to quickly obtain a triple benefit.

In the process of financial management, 90% of the "red envelopes" can be directly circulated, and 10% of the quota will be allocated to the game account. Users can participate in the "Lucky Big Turntable" and "One Currency Wins" games. In the turntable, the user can get the turntable opportunity by consuming the espi smart contract, and randomly get the corresponding reward in the turntable.



The intelligent gold-scraping program makes full use of the open and transparent blockchain technology, can not be falsified and other technical characteristics, and integrates this technology into the gold-winning activities. From the technical level, the gold-playing gameplay is more open and transparent, and solved to some extent. The drawback of traditional Duobao gameplay is that users only need to bet espi smart contract as a bargaining chip to get 1 lucky address, and use the blockchain algorithm to randomly select 1 community lucky participant, and the lucky one can get super high value feedback. Interesting and irritating are very strong.

The espi smart contract will measure and motivate different types of users in the entertainment ecosystem fairly and reasonably, so that they can enjoy both fun and economic value, and create a two-way incentive for the entire entertainment ecosystem, so that entertainment not only stays in simple games, but also transforms It is an innovative value investment that combines entertainment, value creation, asset circulation and high returns.

## **(B) Smart Contract Store**

The espi Smart Contract will provide users with a rich set of smart contract templates to facilitate the automatic execution of espi smart contract assignments and incentives, as well as open ports so that everyone in the ecosystem can participate in the design and distribution of smart contract templates. Define the price or incentive conditions, and obtain the corresponding token incentives

through the user's usage rate, that is, the unattended smart contract template will not be able to obtain revenue.

Case 1: The anchor opens a new live broadcast, renting a free smart contract template through the store. The template sets an espi smart contract for every ten minutes of viewing, and rewards the sharer to bring new

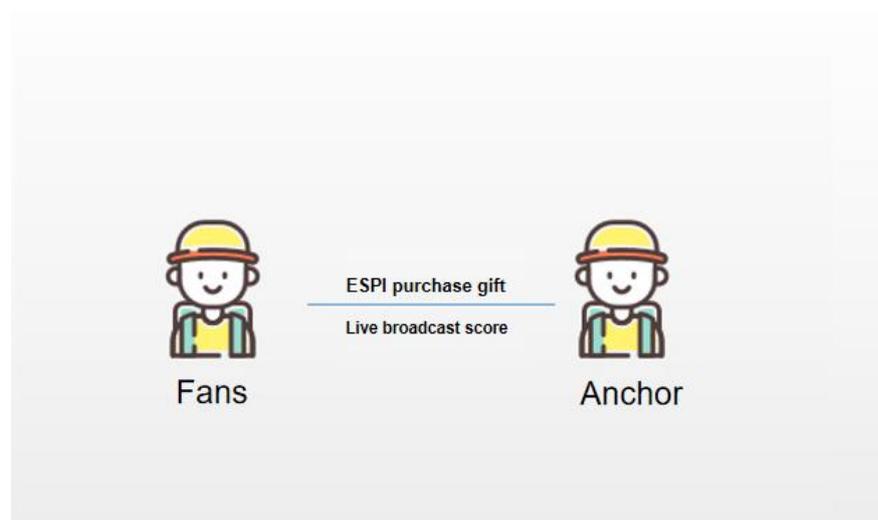
10% of the user's consumption of espi smart contract as incentive, 30% of the tokens given by the fans are automatically rewarded to themselves, and 50% of the account is reserved as a mortgage token. If the number of viewers does not exceed 10 after one week, then automatically Dismiss the contract with the broker and get it back as a 50% mortgage token. If the number of viewers exceeds 100, but the total viewing time is too short and the income does not reach the 10espi smart contract, then 50% of the income will be awarded to Community participants. The 30-second advertisement inserted in the live broadcast will be sent by the advertiser to the 10espi smart contract to the anchor, and the 10espi smart contract will be given to the consumer randomly.

Case 2: A certified designer uses the gift store to design independent virtual gifts and related special effects according to the requirements of the anchor, and set the price and reward mechanism for selling gifts as one in ten thousand. In the live broadcast of the anchor, the virtual gift effects and prices purchased by the consumer are customized by the designer, and the amount of the purchase is automatically assigned to the designer according to the smart contract without intermediate coordination.

Case 3: An operation team establishes its own live homepage, gathers all consumers who like food, and selects a template that matches their own in the smart contract store, and charges the live anchor to the "incentive" fee to help attract it. More fans come to follow the live content producers. Similar examples are based on the principle of open and transparent democracy. The system will establish such an open and transparent smart contract template to provide every link needed in the ecology to ensure the ecological operation.

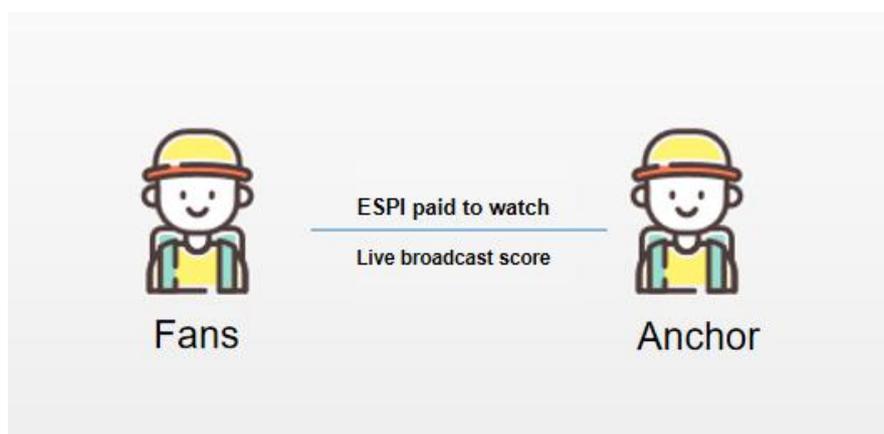
### (C) scoring system

The "rich fans" with spending power consume their content since they presented the "virtual gift" to the anchor. The amount of these gifts is equivalent to the "voting" of the quality of the live broadcast while giving the anchor. Through the time factor acceleration algorithm II of the viewing time, the weight generated by the voting is decremented with time, and the "rich" is prevented from "buying the ticket" while reducing the income of the anchor.



"Rich Fans" scoring system

Ordinary fans pass the basic consumption amount defined by the anchor in a certain unit time(for example, 10 minutes), consume a certain token (such as espi smart contract) to get the viewing qualification. And each regular fan and "rich fans" consume the same token, similar to the number of plays, equal to the dynamic quality of the content" Voting' Of course, the anchor can also define the rewards for the consumption of the tokens provided by the consumer, which does not conflict with the above.



**Ordinary fan rating system**

On the blockchain, all participants are equal. High-quality comments and praises that all nodes need to consume ESPI can also form part of the weight of the quality evaluation system. The system uniformly extracts one-tenth of the fee for the above-mentioned tokens that generate consumption, so as to increase the equivalent "friction cost" to prevent the garbage vote. In order to completely eliminate the possibility of black-box operation (the operator returns the cost to the participant to make it zero-friction), the ESPI corresponding to the handling fee will be automatically locked in an inoperable account for "destruction". (For example: hit the wallet address with address 0x000000000000). Just like the real world, anchors



and fans define their user level within the social network by the number of ESPIs they hold publicly, and the ESPI history quantity consumed as a level is displayed to other users. They are all stored in a distributed ledger and can be viewed by anyone. All transaction records of the appeal are posted to all participants through a distributed ledger of the blockchain to ensure openness and fairness. The system will provide a user-friendly interface for public access.

#### Fan promotion incentives

Users with content dissemination capabilities, through the forwarding and sharing of live and anchor-related addresses, attract more consumers to consume tokens based on “virtual gift” tokens and purchase viewing time, and these effective consumptions are rewarded. At the same time, the communicator and the anchor also vote for the content through the “share index”. The users who distribute the content receive the token-level to ten-level token consumption rewards as the number of active consumers increases. Of course, producers can also define the rewards of spreading their content to the tokens they provide, which does not conflict with the above.

The percentage of revenues received by professional traffic distribution agencies and single communicators is set by the anchors themselves, forming a certain competitive relationship with each other to achieve decentralized and highly autonomous purposes.

## IX. Spider ecology

Spider Eco is committed to the blockchain to use the ground floor infrastructure to promote the decentralization of the Internet. The spider chain will be launched, a high-performance public chain oriented by community autonomy, providing high throughput for decentralized application operations. High-expansion, high-reliability public chain support. Its spider exchange, spider wallet, spider trade treasure, and spider Haitao are all one of the decentralized application operating system protocols based on blockchain. Espi is the ecology of spider ecology. Development currency can be used for spider ecological development and community operation rewards and ecological development, creating value for the community. Spider ecology - the underlying foundation of the blockchain application. The mission of spider ecology: Committed to the foundation of the blockchain Facility construction, promote the decentralization of the Internet.

### **(A) Decentralized Exchange - Spider Exchange**

The Spider Exchange is an exchange focused on decentralized swaps of assets on the chain. Its goal is to solve the problems of centralized risk, real-time trading, and complicated trading varieties. However, in terms of specific implementation, it is very different from traditional transactions. It emphasizes the processing based on the exchange of tokens rather than pending orders.

The Spider Exchange introduced the role of a reserve contributor to provide tokens



for the token repository and introduced a repository manager to manage the operational repository. Each reserve is operated by the corresponding reserve manager, who is responsible for periodically setting the exchange rate of the reserve, and using the reserve discount provided by the reserve to the ordinary users to obtain benefits, which are reserved by reserve managers and reserve contributors. share together. There is a competing relationship between the reserve and the reserve to ensure the best exchange rate for the user. The spider network provides a platform for the repository manager, and the global operator with the spider network centrally manages all the repository and repository managers.

Based on the repository, the Spider Exchange supports decentralized, various types of freely convertible instant payment APIs, emphasizing liquidity guarantees. But these are also premised, that is, there must be sufficient reserves in tokens.

At present, the problems faced by centralized exchanges (fire coins, ok, coins, and,) are:

#### 1. Security issues

Since 2014, centralized exchanges around the world have been hacking out of modern coins. Since the beginning of 2018, hackers have also stolen more than \$1.1 billion worth of digital currency from centralized exchanges. Security issues have become one of the hottest topics in the industry in recent years.

So, can decentralized exchanges solve security problems? The answer is yes.

Take oneroot's "distributed decentralized transaction protocol" based on



Ethereum's development - the r1 protocol. User assets are stored in smart contracts and are not controlled by any third party. Even if the exchange is attacked, user assets are safe. Users can extract assets through the exchange, or they can call the contract interface to extract them themselves.

A hacker attacks a centralized exchange that can directly transfer the assets of everyone; but if a hacker attacks a decentralized exchange built on the r1 protocol, the asset will only be returned to the user's wallet account unless the user's private key is obtained. , does not store the user's private key, and ultimately, the hacker will get nothing.

## 2. The transaction can be audited

At 5 o'clock on the morning of March 30, 2018, the digital currency trading platform okex showed nearly one and a half hours of extreme trading behavior. According to netizen statistics, the okex record shows that 460,000 bitcoin futures were blasted in just one hour. The contract, after falling to the lowest point, pulled up another 10 points in an instant, and in the whole abnormal fluctuation, the spot price did not fall below 6,000 US dollars, and the future spot price difference was close to 30%.

At about 9:28 on the same day, okex released "Announcement on okex's rollback of abnormal transactions." For this behavior of okex, Ding Peng, chairman of the China Quantitative Investment Society, said that "the exchange rolls back the transaction, for the traditional capital market. It is almost impossible. The biggest spirit of the blockchain is that the data cannot be tampered with, and the rollback transaction is

taken to make part of the transaction invalid. Does he tamper with his own transaction data? This obviously violates the blockchain. spirit."

Compared with the centralized exchange, the r1 protocol is transparent and avoids the drawbacks of black-box operation, false transactions, data rollback, etc. Each transaction after the r1 agreement is queried and traceable. Once the transaction is submitted to the chain, It is real and reliable and cannot be tampered with. In addition, the user's transactions, deposits, and withdrawals can be tracked on the chain without being controlled by a third party, maximizing the authenticity of the transaction.



## **(B) Transaction Derivative Platform - Spider Trading**

Spider Trading is an aggregation of socialized contracts with cryptographic assets.

The core technology members come from world-renowned blockchain security service providers, providing technical support and operations for spider trade and



global members of the investment community. Maintenance, information display, artificial intelligence and other services!!

Spider Trading is an innovative digital contract and investment community that aggregates currency exchanges, traders and investors to provide cross-platform contracting and manual intelligence quantification software.

On the Spider Eco-Community platform, traders from around the world share their investment strategies. 用户 Users who are interested in these strategies can follow their own risk preferences and trading habits to improve their investment returns.

Technically perfect solution to the four understandings of traditional contract trading

1 The documentary platform strictly reviews the traders, rejects one vote, and makes a huge deposit to the platform, which solves the qualification problem of traders.

2 AI Smart Mirror and Investment is the api port of the follower contract account and the trader account side of the choice. The followers' all transactions are synchronized with the trader at the same frequency, which solves the traditional singularity and time difference and information. Asymmetry and other pain points ~ so-called one-click follow, liberation time and worry easy to lie together with traders every day

3 Financial investment is the most greedy, mirroring and greedy people to let go of

greed to make a smooth profit, balance the mindset

4 Because the traders and the investment platform and the cooperative exchanges mutually beneficial and win-win and mutual restraint, the financial security of the participating traders is guaranteed.



### **(C) Multifunctional wallet - spider wallet**

In the context of the continuous expansion of digital assets, the demand for enterprise-level digital asset management has soared, and spider wallets have emerged. The goal of Spider Wallet is to build a blockchain asset management service platform that is suitable for a wide range of application scenarios, meets the needs of enterprise enterprise applications, and is open and easy to use.

In terms of security, the spider wallet uses a separate cold wallet and a separate address library to store the user's digital assets. The cold wallet ensures that the network is not touched, and the independent address library ensures that the data



is stored independently. Spider wallet business system, settlement system and cold wallet, the three parties complement each other and do not trust each other. The spider wallet was developed by the Spider Ecology team from 0-1, and there is no hidden danger caused by the purchase of the molding code.

In addition, Spider Wallet has a third-party security audit provided by Slow Mist Technology, which includes: code auditing, defense deployment, and underground hacker vane tracking. Slow Mist Technology is a team with more than ten years of first-line network security attack and defense. The team has exported security capabilities to Google, Microsoft, the Ministry of Public Security, Tencent and Ali.

o to c to c French currency transactions, the legal currency transaction of spider wallet mainly solves the problem of middlemen, and truly goes to the center of the transaction, just like the conversion from Ali's b to c to Taobao's c to c, making the exchange more transparent. Flexible trading and lower trading prices.

P to p pledge lending, mortgage lending is a mortgage loan service for digital currency launched by Spider Wallet. It is easy to operate and lends quickly. It can solve the problem of users' use of funds in time. The blockchain assets that support mortgage will be launched with btc. , eth, eos, espi, the currency in the financial management can also participate in the mortgage, the loan rate is more favorable.

At this point, the business model of the spider trade financing loan troika is beginning to take shape.

## **(D) Short video + overseas e-commerce + blockchain platform - Spider Haitao**

Short video entertainment is strong and close to life. It has become another topic after Weibo. The loyal user group makes short video a natural traffic pool. Unlike traditional display methods such as graphic and text, short video is more intuitive. Moreover, the operation is convenient, and the user only needs to click the play button to watch. The short video can carry more information, is more consistent, and is more in line with the user's use of fragmented time.

The real and intuitive display helps users to understand the characteristics of the goods more quickly, shorten the consumption decision time, and the short-channel video drainage ability has been verified: In April 2018, today's headline will put a cheongsam product in the vibrato to advertise directly. Cats, the cost of delivery is 600 yuan for 3 days, and the conversion is more than 60,000 yuan.

The short video diversion capability is reflected in the online, the answer to the 40w+ broadcast volume in 2018. From the day of opening the store, the number of people queued in front of the store is more than 1,000.

Therefore, the future e-commerce business model must be short video + e-commerce, but with the development of the blockchain in the future, the data is more decentralized, and the platform data processing is simpler. Short video e-commerce should not be restricted only to the domestic market, but to let more good products from China go out and let more good domestic products come in. At present, one point that hinders Haitao's core is that it is still e-commerce b to b and



it is not convenient for overseas funds to enter and leave. Such a model is very restrictive to the development of future business models. The future must be everything simple, anyone is a business, and anyone can be a buyer. In the spider ecology, the spider wallet is a very good solution to the problem of overseas transactions. From the domestic earning of a renminbi to the United States, all exchanges and transactions take only one second. In the future, Haitao will become a global e-commerce change. Once the basic conditions are met, the next step is to develop.

## X. Pre-exchange



**Website:**<https://www.huobi.vn/>



**Website:**<https://www.okex.com>



**Bitco:**<https://www.btbo.com/>



**Website:**<https://www.mxc.com>



**Website:** <https://www.biki.com>



**Website:**<https://www.bkex.vip>



**Website:**<https://www.bddex.io/>



**Website:**<https://gateio.news/>

## **XI. Risks and responsibilities**

### **(A) Technical risks**

Spider Ecology needs to establish a new technical standard for cross-platform. The difficulty of technology development is very huge. This requires very high demand for top technical talents and investment in scientific research. Plus its own espi smart contract is anonymously dark. The network technical team released that all programs belong to the decentralized intelligent operation phase. Because of the anonymity, there is no designated or dedicated technical team maintenance, so all iterative updates of the ultimate application are unknown.

In the later stage, the participating communities can spontaneously build communities to jointly build and supervise the derivative applications of espi and open source code management for deciphering equations.

### **(B) Capital risk**

The capital risk refers to the significant loss of project funds, such as theft of funds, due to the lack of maintenance and update of specific technical teams within the scheduled time.

All large-value digital currency storage is supervised by all community participants in a multi-signature wallet + cold storage mode. Under the multi-party account verification method, the risk of stolen funds and the risk of misappropriation can be effectively reduced.

## **(C) Disclaimer**

This document is for informational purposes only and does not constitute an opinion on the purchase or purchase of new espi. The above information or analysis does not constitute investment decisions. This document does not constitute investment advice, investment intentions or educational investment.

This document is not intended to be construed as providing any trading or any invitation to buy or sell any form of securities, nor is it a contract or commitment of any kind.

Relevant intent users clearly understand the risk of espi. Once investors participate in the investment, they understand and accept the risk of the project, and are willing to personally bear all the corresponding results or consequences.

No team is responsible for any direct or indirect asset loss caused by participation in the espi smart contract application.