



**BEFULL**

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WHITE PAPER

BEFULL TEAM  
V 1.0

## INTRODUCTION

After the money markets boom of 2017, the Chinese market with projects springing up entered a state of near madness at the beginning of the year, it is an era of gold rush in a whole new field.

In January 2018, the size of the digital money markets exceeded \$800 billion. However, a large number of block chain projects are still in the early stage and the application that can be implemented on a large scale has not yet appeared. Over the years, block chains have had little boost to the real economy, apart from uncontrolled financing from the market. Sep. 2017, as Federal Reserve withdrew from QE and began shrinking the Balance Sheet, so that global liquidity gradually tightened, risk-free interest rates continue to rise and the asset price bubbles continue to burst. As a highly liquid, risk-prone asset, digital currencies were the first to be hit in the crisis. A large number of problematic projects have fraudulent distribution by falsifying information, whitewashing data, and after raising money, they run away with the money. Moreover, project parties collude with market maker to use the advantage of funds and information to manipulate currency prices and repeatedly harvest individual investor on the secondary market. As the project itself does not have any hematopoiesis function, the value is the market confidence is supporting, so once the consensus wavers, the value will also collapse. With the bursting of the bubble of digital asset prices, the market has entered a bear market with gradually light trading volume. The liquidity of the entire money market has entered a period of overall downturn, especially at the financing end. In August, the total amount of global ICO financing was only \$340 million, 80% less than the data of \$1.66 billion in December 2017. Confidence across the market was close to ice point, and individuals began to worry about whether the block chain was another Ponzi scheme.

With the tightening of the capital chain, 2017 hot ICO gradually decayed with time goes by. Where is the road to a block-chain world that lacks capital flows? At the cognitive level, most investors know little about block chains. A lot of people enter the market with the dream of getting rich overnight. Incited by pyramid-selling public opinion, the herd effect is gradually spreading and causing the market to soar as well. Block chain is the second Internet revolution will liberate social productivity to a great extent. As an epoch-making technological breakthrough, the bloc chain is bound to usher in a truly meaningful spring after the bubble is cleared. For example, After the dotcom bubble cracked in 2000, National Association of Securities Dealers Automated Quotations fell

78% from a high of 5048 in March 2010 to a low of 1114. BTC as the benchmark of the block chain, we can use it as a large market composite index to measure. BTC fell 72 percent to a low of \$5400 from \$19875 in December 2017. BTC's fall is already very close to that of the NASDAQ bear market, and if NASDAQ's fall is the ultimate goal, BTC is not far from the bottom.

At present, the digital money market is going through a killing valuation, de-bubble pain stage. After that, block chain market is bound to ushered in huge growth space. Many block chain projects in the future will be as great as Amazon, Google, Ali and others. At present, high-quality projects in the block chain are like Google in the 2000 dot-com bubble, and Amazon has the advantage of first-mover placement from the next decade to become a world giant. We hold that the core value of block chain lies in community, and it is as important as technology for block chain system. In early July, the BEFULL community set up and launched a common governance and sharing effort on the community system, exploring and unfolding the layout of block chain technologies and new models of community economy.

As the first block-chain community to make use of block chain thinking, BEFULL community has positioned itself as a flow reservoir, a circulation center and a communication platform for project parties, and it is the first block-chain community to make use of block-chain thinking to build a common understanding and shared block-chain community and adopt a public-chain-like thinking to create an autonomous community organization. The BEFULL community not only has a strong traffic pool, but also has a huge advantage in the promotion of the project. It also offers BEFULL courses from time to time, sharing and education from four aspects: basic knowledge, technical research, investment strategy and investment mentality. As the backbone of China's block chain, BEFULL is committed to promoting greater public participation and understanding of the industry and its better development.



BEFULL Community Team

Dec. 2018

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# ABOUT BEFULL

## ABOUT BEFULL

The BEFULL Community, founded in early July 2018, promotes community airdrops for high-quality projects around the world to popularize block chain education and instill the right investment mindset so that each member of the community can raise their level of knowledge to lift their knowledge out of poverty. In this community, members have access to multiple block chain projects from around the world. In the process of completing all kinds of tasks, in addition to getting the project candy, it is more important to understand the nature of the project and participate in the whole learning process such as company team, culture and product application scene.

In the project presentation activity, the community's super nodes (group owners will check the contribution of the node (each member) (a variety of learning and tasks) to award awards. Throughout the process, the BEFULL community acts as a base, helping more rookies learn block chain knowledge, improve their ability to identify themselves and reduce the risk of becoming leeks through the efforts of community members. The value of the BEFULL community is created and maintained by its members, and believes that truly decentralized management can make the BEFULL community go further.

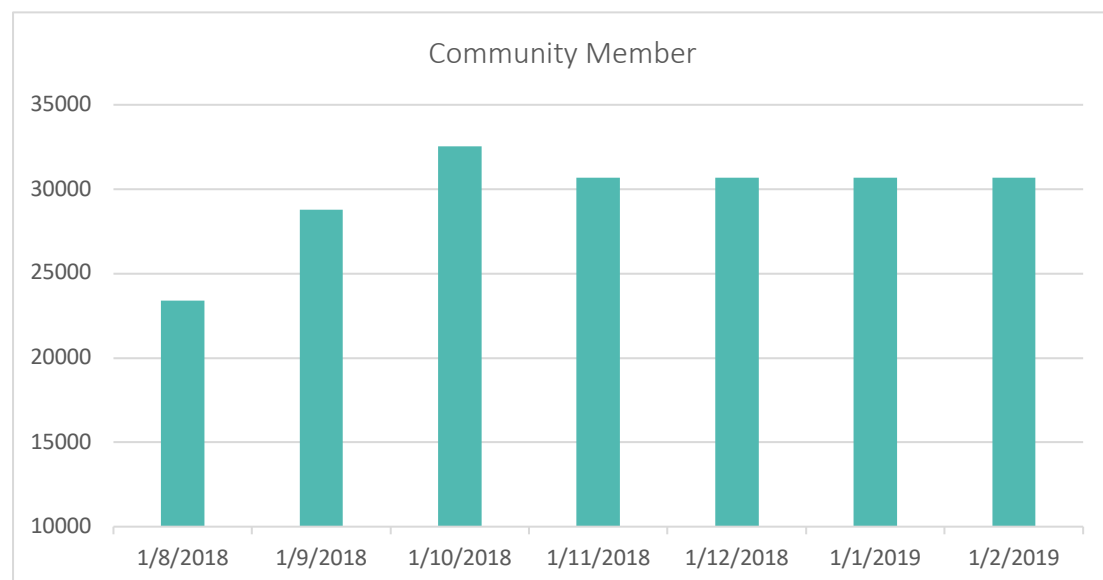
For the project, the BEFULL community itself is a promotional platform, not only highly active members, but also its diffusion capacity can not be ignored. Based on the BEFULL community, project parties can get more product experience feedback, fan users, and more in addition to increasing visibility. With the recognition and support of the community's ideas and innovative management, BEFULL community has become one of the most influential communities in the block chain world.

The BEFULL community is divided by the POW mechanism, and the BEFULL community is composed of more than 60 super nodes. The BEFULL community regards each community member as a node and participates in various activities in the community. Each group owner considers the super nodes of the community to be responsible for formulating policies and promoting community tasks according to the group to which they belong, while the executive committee is responsible for maintaining and balancing the interests of the community, monitoring and data collection.



The BEFULL community distributes awards for each node on a weekly basis based on activity, participation, academic achievement, and so on, and 10 percent of the total award is counted as the benefit of super nodes. They are free to set up some node activities and use their benefits to organize their own management teams. Moreover, executive members of the community will receive a 10% reward as a contribution to community management, enabling each member of the entire community to fully promote the value and development of the community.

The BEFULL community was founded on a community consensus. In July 2018, founder Zhang Baihao launched the 7.4 poverty alleviation consensus, which called on 10 volunteers to co-create the BEFULL community on the same day. Since all members are spontaneously gathered together by consensus, the total number of users has exceeded 10,000 at the beginning of August, thanks to a strong burst of common ideas and goals. At present, the volunteer management team has more than 60 people, every day to maintain the enthusiasm and cohesion, and the team's discipline and execution is very strong. Daily tasks and weekly KPI are strictly enforced and reviewed, preparation meetings and weekly review meetings are available on Sundays, and general meetings are held every month throughout the community. This is why the BEFULL community can be the most active and enforceable community in China.



There is no doubt that BEFULL the development of the BEFULL community has not been smooth sailing. In the early stage of development, as BEFULL to attract the flow of candy to enter, but also attracted a lot of econnoisseur. BEFULL community used various technical means to check econnoisseur, in a week to delete more than 10, 000 membership, then was attacked by econnoisseur from all over the country, in this wave of cyber attacks to make us more perfect the system. Each node member is connected with the group master for super nodes, which greatly reduces the dependency of the group.

The addition of official account and Mini Programs tamped down the foundation of communication and precipitation. The news and reading volume of BEFULL's official account are all broken, in line with the average high-traffic self-media. BEFULL is more aware that the number of people does not determine success or failure, but the high-quality members who have a consensus determine the height of BEFULL development, so the community has a closed management, that is, each new member needs to be recommended and assessed in order to enter the BEFULL community. And the BEFULL community regularly conducts tests on the community to strengthen consensus among its members.

Thanks to the BEFULL community's old new development model from top to bottom, so that we have a high forwarding, high participation, high efficiency community. As a result, the BEFULL community has been unanimously recognized by the Chinese currency community, and more than 20

currency circle agencies and project parties have cooperated one after another, and have highly recognized the executive power and high conversion rate of BEFULL. Twelve of them have carried out special promotion and cooperation in the BEFULL community. (including: mgd, lft hpb, hbox. nast. bbn, mgo, in and Revenge of the Pigs) HUBOX, which launched the project, attracted three hundred thousand users in two weeks.





At present, the BEFULL community is developed under the POC mechanism and is managed by more than 60 community leaders, and more than 30,000 community members are jointly constructed to form a community of co-governance and shared centralization. In the bear market of 2018, most Chinese communities entered a period of zero activity, while members of the BEFULL community were still active and had different activities every day. Active users of the BEFULL community are located in various regions of China, with 11800 members having completed their personal identification (KYC) and providing residential address certificates.

The BEFULL community was officially changed from pro-poor community to BEFULL community on Feb. 4, 2019 as part of BEFULL's international marketing campaign. As BEFULL expands to other markets, demand for South Korea, Singapore, Hong Kong, and the United States continues to demand cooperation and hopes to replicate the same BEFULL model in their respective countries. The founding and self-governing teams of the pro-poor community unanimously decided to change the name of the pro-poor community to the BEFULL community, a move that was widely regarded as forward-looking. Brand upgrading will help BEFULL reach out to more international communities.

The BEFULL community has grown rapidly in the big bear market of 2018 and has a place in China's currency circle. In order to break through the barriers to community development, the BEFULL community began to develop its own APP BEFULL, BEFULL in November 2018, mainly as a community task tool to reduce the quantification of each node and enable members to make use of their expertise to contribute to the community. At the same time, BEFULL will also launch its own Token, to truly build the BEFULL economy, giving each participating member a reward for their own efforts to create a consensus, co-governance, and sharing of new values.

With the launch of the BEFULL application, we have a new tool to create community ecology that makes Task delivery easier, more communities integrated into the BEFULL ecosystem, and serves as a bridge for BEFULL to develop and unite overseas markets. After attracting users and creating a cross-regional platform, we will be able to create a field-wide ecosystem of BEFULL communities and return value to every contributing user to achieve a true one-in-one economy.



# BEFULL ECOLOGY

## BEFULL COMMUNITY ECOLOGY

BEFULL is a task social APP, launched by the BEFULL community that provides users with a free, decentralized task social network. Users share their wisdom, knowledge, capabilities and experiences to contribute to the ecology of the BEFULL community and convert their knowledge assets into real-world receipts.



BEFULL holds that the value of attention should not be distinguished between supply and demand in the value of Internet goods. In addition to the labor value of the supply side, the attention value of the demand side is also very important. BEFULL advocates equality, arguing that everyone is equal, and that the way receipts, uses receipts on task social networks should also be equal.

BEFULL is mainly composed of various tasks, wallets, ecological alliances, community plug-ins, etc., and the Token FP of BEFULL is used as the carrier of circulation of the whole economic ecology to connect every link of ecology.

## COMMUNITY ECOLOGY PLATFORM

BEFULL ecology primarily transforms traffic into value, and members share their wisdom, knowledge, capabilities and experiences to contribute to the community's ecology, thus transforming their knowledge assets into real interests for themselves and the community. As blockchain is still in the early stage of development, due to asymmetric project information, many projects can conduct fraudulent issuance of false information and other bad behaviors that damage the industry and investors.

At the same time, because of the high cost of real block chain users and their own lack of effective and sustained systematic project education, many of the project parties lack the ability to build their own active communities and increase the capacity of new users, This leads to a lack of liquidity in the Token of the project, which makes real progress difficult. As a result, the project Task ecology that we have launched can help our participants solve the current pain point problem:

### Community members

- Invest in your spare time to complete the task and get the candy reward.
- Avoid being prevented from participating in high-quality projects because of asymmetric information by obtaining more project information when completing the task.
- Each community member is our node, getting more rewards from how much we contribute to the community.

### Project Party

- Release project tasks through BEFULL and set quota for airdrop candy.
- Through BEFULL can remove the previous promotion intermediaries, candy distribution to the community.
- Through a variety of tasks, let the members of the community understand the attributes of the project so that they can be converted into users.
- Each member of the community is treated as a node, and double promotion is carried out so that the project can be quickly presented to the public.
- Cooperate with live video and offline activities online, let the project get full exposure.

BEFULLAPP through three major links to coordinate with the community ecological activities, to create ecological communication value inside and outside:

- Learning Ecology
- Task Ecology
- Plug-in Ecology
- Mall Ecology
- Social Ecology
- Alliance Ecology

## Learning Ecology

The community will learn and test to increase each member's understanding of different projects. We mainly open the exam, which helps members to discuss each other and increase interaction. We have other popular science studies, history and health knowledge, among other things, in addition to the exam on the project. BEFULL App will update members' learning and statistical results when it comes online, and the data preservation link will also help make the data more equitable and open to the public.



## Task Ecology

At the beginning of the BEFULL community, members of the community are required to complete different promotional tasks and receive airdrop awards. With the growing influence of the BEFULL community, the number of different tasks increases. These include the tasks of the entity brand or personal tasks and so on. BEFULLAPP can help members of the community to better participate in or give out tasks, and you can use the community Token, of BEFULL to influence the members of BEFULL through BEFULLAPP to accomplish their tasks. And the product task more with the brand-new commodity pool mining, brands in their hands locked in the community Token can achieve product display and trial promotion, users can achieve the task through the completion of the product and Token rewards.





## Plug-in Ecology

Plug-in Ecology is basically divided into output and outreach two categories, the output is mainly BEFULL self-developed and can be used by third parties plug-ins, BEFULL jointly with HPB to develop the easy-to-link community plug-ins, will be personal credit, tasks, votes and exams are made into each single plug-in that makes it easy for everyone without the ability to program to create their own tasks and plug data into the high-performance public-chain Token economy of the HPB core chain and incarnate as an organic part of the public-chain ecosystem. Task data on the chain, combined with block chain decentralization, can not tamper, security and other advantages to solve all kinds of dishonest online behavior. Calls to plug-ins are locked or offset using the FP (BEFULL command). Moreover, all plug-ins developed by the BEFULL community will be released on HPBPRO 's plug-in platform.

Outreach is mainly an ecological portal in BEFULLAPP, which is connected to other third-party cooperative applications in the form of a third-party frame to achieve one-click login for users to communicate with each other, so that users can communicate with each other, and Token can also be transferred from one another to another. This is the whole ecological alliance that we build on the basis of consensus community.

At the same time, the BEFULL community will work with third-party technical teams to develop features such as one-click brick-moving to provide a more intuitive brick-moving receipts, for members of the BEFULL community, as well as receipts for community users as well as major global exchanges and to open data channels between each other to provide better liquidity for exchanges and project parties. All calls to the plug-in lock the FP (BEFULL command).

## Mall Ecology

The community members of the BEFULL community come from a wide range of industries, communities and fields of excellence, and have reached the BEFULL community and become a part of their lives. For the call of the corresponding community members, the BEFULL community will have access to third-party malls. In line with the principle of community consensus on poverty alleviation, knowledge support and business support, there are the following affirmative measures:

- In order to improve the community members' understanding of the merchandise, the BEFULL community will use a small number of items provided by the merchant as a bargaining chip, initiate the commodity learning task, and encourage the community members to understand the commodity at a deeper level.
- The BEFULL community will provide incentives for high-quality goods and randomly distribute a percentage of FPToken to each member of the community who buys the high-quality product
- The BEFULL community will use a small amount of merchandise provided by merchants to set up commodity mines to be distributed free of charge to members of the community, who will have access to free goods within 24 hours of the FPToken lockup.

## Social Ecology

Project parties and business and community members now have a value consensus for the BEFULL community. We build the entire ecological alliance on the basis of the consensus community. Ecological Alliance of BEFULL Community owners

- According to the ability of the community members to reach a certain number of invitations, BEFULLAPP can set up its own community group, and the community function can open the corresponding group function according to the community activity and the number of people, or directly open it with FP.
- The BEFULL community regularly distributes FP based on the group's activity and contribution.
- The BEFULL community will collaborate with quality projects to carry out occasional shorting of high-quality project tokens for active groups.
- The BEFULL community will reward the group manager, group director, group director and group assistant of the group according to the proportion of 10%-3%, 2% and 1%.

## Alliance Ecology

After being highly recognized by the community, the project will become the node of the community. The user will complete the node task of the project directly in the community, and transfer the Token of the project through the long-term incentive of issuing token through BEFULL and the combination with BEFULL. Increase the use of each project across scenarios to greatly enhance the liquidity of each Token.

BEFULL serves as an application portal to connect each in-depth partnership project, providing traffic portals to the project partners.



BEFULL community has cooperated with several project partners (including MGD, Lft SOP, HPB, Hubox, Nast, BBN, MGO and Revenge of the Pigs) for 11 times before the launch of BEFULL. Many of these projects have applied for long-term project week collaboration because of excellent activity results. The BEFULL is more directly invited to become the project's community super nodes,. HPB also signed a strategic partnership agreement with the BEFULL community to jointly develop business-enabled community plug-ins.

Project Task ecology will also be formally launched in BEFULL, undertake BEFULL powerful propaganda power in a more efficient and transparent way to display in front of the public. At the same time, each project uses the fixed number of FP in the lock hand to carry on the target task release.

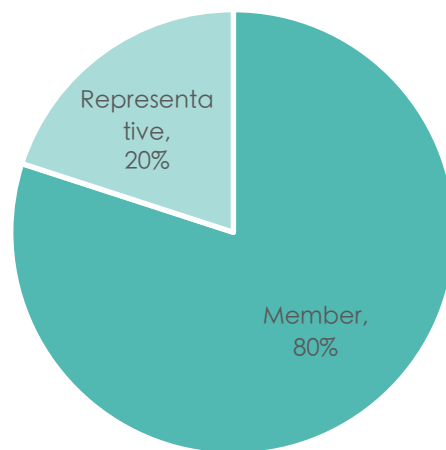
## Node Autonomous Platform

### Community Autonomy Representation System

Autonomy Representation System consists of the BEFULL Executive Committee and the Community super nodes. The BEFULL Executive Committee consists of a total of 21 super nodes, while there is no upper limit on the number of super nodes in the community, mainly recommended by other super nodes and assessed as super nodes. in accordance with the goals set by the BEFULL community

The BEFULL committee was previously run by the founding team of the BEFULL community, and as the BEFULL economy matures, it will be voted by the community's FP holders. Moreover, the BEFULL community volunteers were made up of executive committee members and community super nodes from the former BEFULL community, and they can contribute effectively to the work of the volunteers. In the future, additional volunteers will need to hold FP and contribute to the BEFULL economy to be selected.

FP will reserve 20% of community incentives to the BEFULL community autonomy representation operating pool to be used to motivate members of autonomous representative organizations. All decision-making processes, operations, operating costs and execution results will be made public, and the flow of costs will be recorded and tracked on the block chain. To prevent collective corruption, users have the right to monitor and influence the use of operating expenses of BEFULL autonomous representatives through referendums.



## BEFULL HUB

As the members of the BEFULL community are all over the country, we will launch the BEFULLHUB program to recruit city partners at different city nodes in order to enable local community members to better advance the work of the urban community in the BEFULL community, and the BEFULL community will launch the BEFULLHUB program to recruit city partners at different urban nodes, and assist BEFULL community in project promotion community building and resource alignment. Moreover, BEFULL members are highly United, and regional members often meet offline. To facilitate community members' gatherings, we will launch the BEFULL hub Coffee Tea House Partnership Program, which will allow communities to connect to reality online and allow offline partners to get more physical drainage to create greater business opportunities.



City partners are responsible for regional and headquarters business connectivity and related business cooperation. Successful city partners enjoy the following incentives:  
Privileges:

- BEFULL hub coffee tea house brand access to small tea house in the center.
- Operate BEFULL authorized business.  
Docking BEFULL Community offline small Poverty Alleviation gathering.
- Docking BEFULL Community physical Commodity Trading Center.
- Each city partner has the opportunity to participate in the star partners created by the company.



City partner qualification:

- Senior community members of the BEFULL community recognize the project concepts and values of the BEFULL community.
- Hold a certain number of FP.
- Own space. Set up as a small tea-house.
- Engage in legally compliant industries and carry out activities within the scope permitted by laws and regulations.

## TOKEN PLATFORM

As the BEFULL community has a variety of projects distributed here, it is natural that a community wallet is needed to facilitate the distribution of various tokens by the project. However, members of the community are all money-holders, with more sense of security for their eco-owned wallets, and naturally prefer to put their own currencies in their community wallets.

BEFULL has its own security design in place, exchanges around the world face daily hacking attacks, and BEFULL wallets have stricter security requirements. Technical security, fully independent development of technology, and related big data preservation and search patents (patent number: 201110144807.9). The encrypted currency deposit is stored in the cold store which needs multi-signature verification to ensure the security of digital currency. In order to secure the trading platform, the hacker challenge system is introduced simultaneously, and the transaction and security risk of users are guaranteed in advance.

### CN102207964B\_实时海量数据索引建立方法及系统

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#### 一、基本信息

申请公布号	CN102207964B	申请号	CN201110144807.9
分类号	G06F17/30(2006.01)I	分类	计算; 推算; 计数
公开(公告)号	CN102207964B	公开(公告)日	2013-06-05
发明名称	实时海量数据索引建立方法及系统		
发明人	钱善海;温文全	申请人	广州从兴电子开发有限公司
申请日	2011.05.31	申请公布日	2013-06-05
代理机构	北京集佳知识产权代理有限公司 11227	代理人	赵景平;逯长明
地址	510300 广东省广州市广州大道南368号19楼		
摘要	本发明涉及数据处理技术，公开了一种实时海量数据索引建立方法及系统。该方法包括：将实时产生的数据记录以追加方式写入到第一内存中；定时将所述第一内存中存储的数据写入到历史数据文件中，并在第二内存中建立所述历史数据文件的索引。利用本发明，可以实现快速、高效地建立索引，满足快速查询的需求。		

**Challenges of National Defense-level Security attributes**

BEFULL will launch a hacker challenge platform to mirror the security system of the entire trading platform, and put a certain number of BTC into the security system, open the address to the hackers and network security consultants to challenge. If the challenger can successfully break down our defense system, the BTC stored in it will be the reward of the challenger.

**Two functions of Hacker Challenge platform:**

- Platform promotion: it can attract community attention and discussion, so that the public has an objective assessment of our safety, not BEFULL boast.
- Security warning: as a security system of mirrored platform, any exploitable vulnerability in the challenge can be forewarned in advance, and it is more efficient to maintain the security of day-to-day.

Wallets can be seen as banks in the traditional world, high-conversion traffic communities such as the BEFULL community, and wallets can be seen as cash-outs of community traffic.

Most of the members of the BEFULL community are coin-holders, most of whom are interested in hoarding and investing in coins. In response to your demand, we will launch a currency management service with Shanghai Zhaobai Capital to bring low-risk market financial value-added to our customers, and the handling fees of our financial strategy will be consumed by FP.Shanghai Zhaobei Capital has more than eight years of experience in traditional securities, and their quantitative fund has been invested by such institutions as Huobi and Xiongan Fund, which shows the robustness of the fund.

Most of the members of the BEFULL community have digital assets based on brick arbitrage. Every day the money on the wallet can get the flexibility of receipts every day.



TECHNOLOGY  
ARCHITECTURE

## BOTTOM TECHNOLOGY: EOS

Due to the community attributes and high performance of EOS, BEFULL will adopt EOS as the core technology chain. EOS is a block chain platform for developing decentralized applications (referred to as "dapps"), and its



functions are similar to those of Ethernet. It reduce the difficulty of dapps development by providing a set of operating system-like services and functions. At the same time, dapps can also use this set of services and features.

### The operating Mechanism of EOS

EOS can combine the optimal features and compliance of various smart contract technologies (for example, the security of Bitcoin and the computing support function of Ethernet Square) into a simple and extensible dapps platform for users to use. EOS aims to build a block-chain dapps platform that can safely handle thousands of transactions per second on average, while providing an accessible experience for application developers, entrepreneurs and users. By providing services such as user authentication, cloud storage and server hosting, EOS provides a complete operating system for web-focused decentralized applications.

#### ■ Job Certification

As an off-the-shelf application platform, the EOS network supports developers to mine full-function authentication systems. One of the features of the EOS network is the use of different privilege levels and the number of local secure users to complete user account registration. You can also share database access between accounts and store user data on local computers in block chains. The system can also restore stolen accounts, identify you in various ways and restore your access to stolen accounts.

#### ■ Cloud Storage

Server hosting and cloud storage are also important components of the EOS system. Application developers can develop and deploy applications and Web interfaces to provide system-provided managed, cloud storage, and download bandwidth capabilities. Developers can easily turn their ideas into reality without security storage and bandwidth constraints.

As a developer, you can access data storage and bandwidth usage information directly through EOS, and you can set a limit level for specific applications. You can enjoy the above services by paying the EOS token.

#### ■ Upgrade and update

The most common block chains (that is, Bitcoin and Ethereum) usually use "consensus switching states". At any time, all computers on the network can verify the current state of the entire block chain, thereby preventing fraud and confirming the feasibility of transactions. The block chain is equivalent to a system state chart. When a new block is added to the block chain, the nodes on the network obtain all transactions from the block and update the address state associated with such transactions. When switching states using consensus, the office (or message) is focused and opposed to the state. At this point, the network node does not verify the state of the network at any given time. Instead, it validates a series of events that have been generated so far to track the state of the network. It may take a longer time to confirm the history of events one by one when a system is rebooted, but higher transaction throughput can be handled when it is put into operation. In short, the network can process nearly a million messages or transactions (per second) from a single computer. In theory, multiple computers can process massive messages or transactions in parallel.

#### ■ Free use

When sending messages and performing tasks over the block chain, the end user does not have to pay a small fee for an application built on the EOS platform, which depends mainly on the decision of the application developer. Application developers can decide how to pay transaction costs (transaction costs are usually rare). In other words, companies can freely propose their own profit strategy to provide users with free or paid services.

The EOS system provides a block generator-based management model in which you can vote on which transactions have been confirmed, whether an application works properly and whether you can change the source code or system of an application. In other words, communities can proactively upgrade, demote, and fix system vulnerabilities in a democratic and secure manner.



- Failure-free Operation

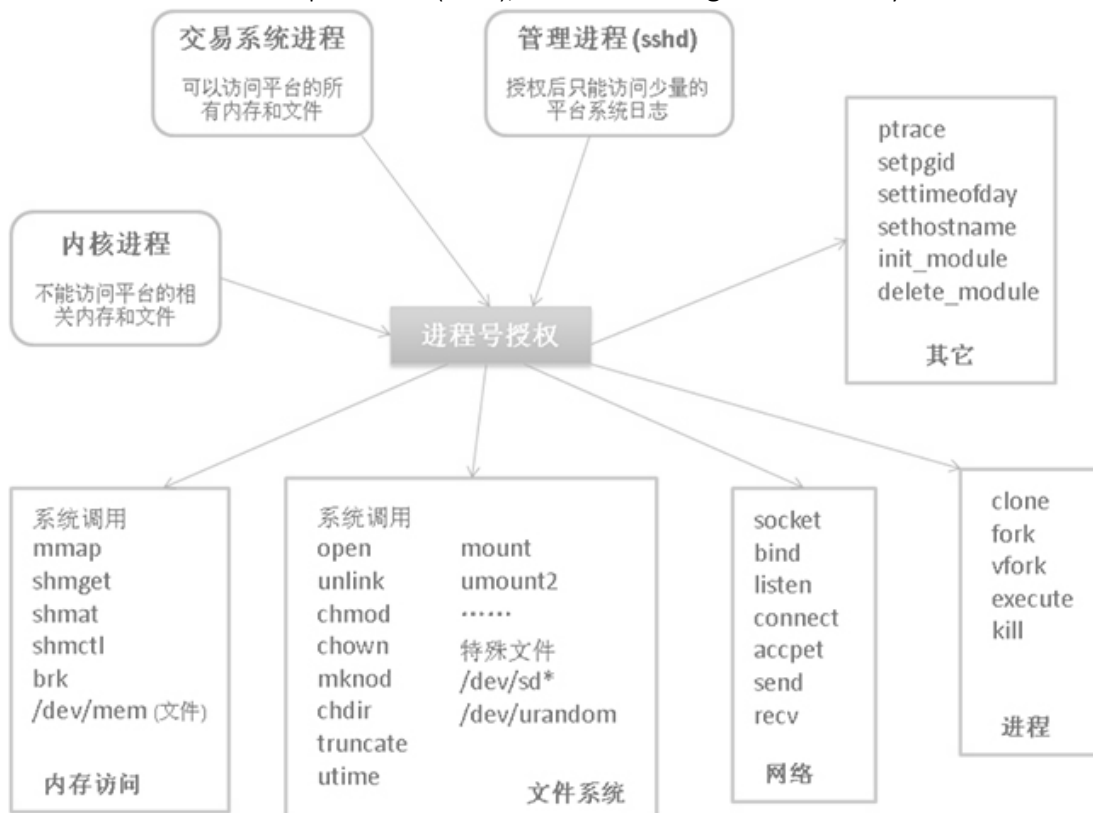
The EOS system can subdivide each block in sequence (every three seconds-subdivided actions, 0.5 seconds to complete the test) with a wide "time interval", thereby reducing latency and maximizing performance. The interval, in turn, forms a thread. The thread runs in parallel during the interval. Messages and transactions can be sent and responded in a single block and between blocks, thus reducing the theoretical lower bound of response time to the shortest message transTask time.

## INFRASTRUCTURE & SECURITY ARCHITECTURE

Firstly, our technical architecture is built on physical machines: using multiple physical machines. In addition, we have a number of pending patent technologies: a Linux security reinforcement method, a method to protect against DDOS attacks, a microsecond-level trading engine implementation, and so on.

In the Linux system, super user root can do anything, including accessing the network, accessing the file system, reading shared memory, and using special perTasks such as strace (system call as ptrace), mount). Therefore, once an intruder (including hackers and internal employees) has the root privileges of the system, it can easily forward the balance in the wallet, based on the characteristics of the digital currency, after the transfer of the balance can not be revoked, so, We have in-depth customization of the Linux kernel to limit the privileges of the superuser.

We modified more than 300 system calls in the kernel by in-depth customization of the Linux kernel. Adding a layer of process number (PID) authorization to the kernel limits the access of the super-user (root), thus ensuring the security of the wallet.

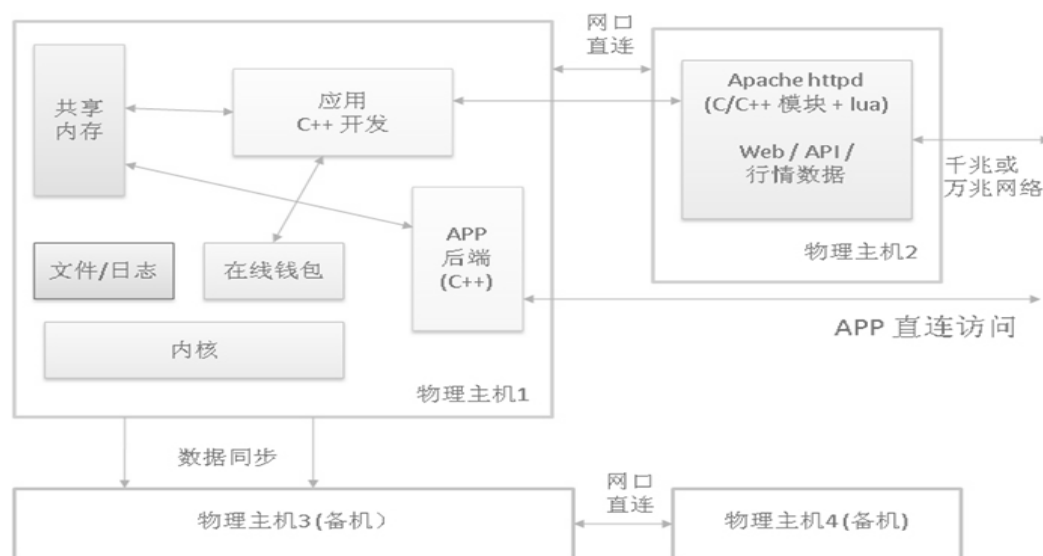


In addition to customizing the Linux kernel. In order to keep abreast of every process that the system starts, we don't use any existing binary distributions, but use LFS (linux

from scratch) to compile a system as small as possible from the source code. In this way, in addition to system-level simplification, we can also know exactly every process in the system, and then we can use the previous process number authorization method.

LFS (Linux release version) only provides a way to compile the entire system from source code to help us create a minimal Linux system.

Our system utilizes a high-availability telecommunications-level scheme to achieve seamless switching in 10 seconds.



For DDOS attacks, in addition to using conventional anti-attack methods (renting IDC's cleaning services and using Linux's unique technology, SYN proxy), we use an original application approach combined with the kernel: The platform application process first recognizes the logged-in access, and forbids other IP access temporarily for the priority release of these visits. Method: considering that ipv4 has less than 4294967296 addresses, we can implement a bitmap hash, in the Linux kernel-hash only needs 512MB memory, and then adds a system call, and the application decides which IP to put into the white-list, Whenever the application does not approve the IP, is directly dropped by the kernel at the time of the connection.

## EXCITATION ALGORITHM

FP uses the contribution degree to prove the POC (Proof of Contribution) algorithm. POC will be used to define and quantify the user's contribution and issue a matching FP. Active user behavior includes, but is not limited to: task social network co-building volunteers, developers, content producers and software users.

In the traditional block chain mining consensus, POW (Proof of Work) workload proof is generally used as the basis of algorithm. POW mechanism relies on machine arithmetic to obtain accounting rights, resource consumption is higher than other consensus mechanisms, and the supervision is weak. At the same time, every time we reach a consensus, we need the whole network to participate in the operation together, the performance efficiency is relatively low, and the fault tolerance allows 50% of the nodes in the network to make mistakes. POW mechanism first appeared in Bitcoin, which is also an early consensus mechanism in the block chain.

There is no mining mechanism in the DAG architecture because there is no miner concept. Most of the existing DAG project releases use the POC mechanism based on POW. The degree of contribution proves that the POC (contribution proof) algorithm prevents responses in the chain of abuse of power or concentration of power and algorithm. Based on the user's contribution to the network, POC adds appropriate Hash computing to determine whether or not it can win the competition mechanism in the network. In the traditional block chain, POC can be used in mining process.

In each workforce with the same Hash miner, the miner contributes more to the community resources (for example, he contributes more to participate, or share, (or manage tasks, etc.) there will be less difficulty in Hash and more chances of defeating competitors in order to gain manufacturing rights in new blocks. In DAG, when a user has a higher indicator (he contributes more to the completion of the task in the community), it is more likely to refer to the existing indicators and get the corresponding costs.

We deem that the use of mechanisms such as POC can encourage more users to participate in the prevention of malicious attacks and contributions. POS (Proof of Stake) equity proof, the more you hold, the more you get. The main concept is that the difficulty of obtaining the accounting rights of nodes is inversely proportional to the rights and interests held by the nodes. Compared with POW, the consumption of resources brought by mathematical operations is reduced to a certain extent, and the performance is also improved relatively. However, it is still based on the Hash operation to compete to obtain accounting rights, the regulatory is weak. This consensus mechanism has the same fault tolerance as POW. It is an upgrade consensus mechanism of POW. According to the ratio and time of each node to the token, the difficulty of mining is reduced equally and the speed of searching for random numbers is speeded up.

The characteristics of POW and POS consensus mechanism in POW and POS, the algorithm is considered that nodes or users have more resources will win, the probability of victory for users with small resources is very small, and the size of resources is not consistent with the contribution of the network.

Moreover, the relationship between resources and economic investment (such as buying a large number of graphics cards for the greater benefit of mines, leaving the average user's home graphics cards with little opportunity in the mining process) ultimately leads to computing power or excessive concentration of power. This poses a threat to the network.

Hence, we don't think we should be ignored within a network and we shouldn't waste any effort, and the POC we present here (any form of contribution) should follow this idea. Any effort made as a valuable contribution should be repaid fairly.



# TOKEN MODEL

## TOKEN DESIGN

The values of FP are created by each member of the BEFULL community, who devote their attention and time to the construction of the community to ensure the operation of the BEFULL economy. FP is the Token of the BEFULL economy, so the prosperity of the BEFULL economy is inextricably linked to the prosperity of the FP value.

In FP, the BEFULL community assigns equal amounts of FP to individuals who contribute to the BEFULL community, based on the degree of construction proof (PROOF OF CONTRIBUTION,POC). As an important evidence of public trust in BEFULL's economic system, FP,can be divided and transferred. It is the consideration benchmark of any consumption scene in BEFULL's economic system, which is the external use value and commodity attribute of FP.

At the same time, FP also has a wide range of application scenarios and free circulation of Token in the economic system of BEFULL. This is the intrinsic value and circulation of FP. FP's native digital encryption security Utility Token is the main component of the BEFULL ecosystem, designed initially to be used only for the main Token. on the platform.

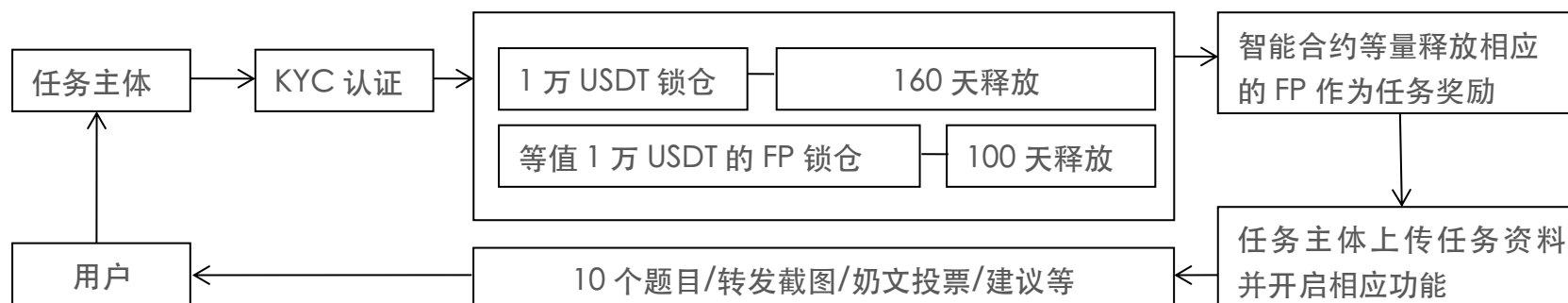
FP is a non-refundable functional Utility Token that will be used as an exchange unit between BEFULL participants. The purpose of introducing FP is to provide convenient and secure payment and settlement among participants who exchange within the BEFULL ecosystem. FP does not in any way represent the foundation, the seller, its affiliates or any other company and the enterprise or any equity, participation, right, ownership or interest in the enterprise. FP also does not authorize the holder of the token to incur any fees, dividends, income, profit or return on investment and does not constitute a security in Singapore or any relevant jurisdiction. FP can only be used on BEFULL, and ownership of FP does not contain any express or implied rights, except for the right to use FP as a means of enabling the use and exchange of BEFULL, and the seller of the issue and sale of FP shall be a subsidiary of the Foundation. The total amount of FPToken issued was 1 billion. In BEFULL, it will be released quantitatively year by year, and a destruction mechanism will be launched after the ecological system is cleaned up to maintain a fixed total of no more than 1 billion pieces. Among them, 50%



of the total amount will be mined by commercial ecological task, 30% by commercial ecological task, 5% by BEFULL ecological fund for poverty alleviation, 5% by institutional cooperation and 10% by community support.

## COMMUNITY TASK MINING MODEL

50% of the Token in the BEFULL community is released through Task mining mechanisms. According on the requirements of the task publisher, the number of USDT or FP corresponding to the pledge, the pledge time is 160 days / 100 days, the maturity of pledge's digital assets will automatically be released to the BEFULL wallet. The BEFULL community releases an equal amount of FPToken as a task reward based on the amount of the task subject.



The BEFULL community has set up a team of 11-seat verification commissioners. The BEFULL community has one official seat, and the other 10 seats are created by the top 10 contributing groups, updated every 30 days. The verification committee is responsible for approving the task compliance and consensus issued by the task subject, and more than half of them will be issued successfully. If the subject of the task is the BEFULL community, it needs to meet the full number of votes, then the task is released successfully.

## COMMUNITY AWARD RELEASE MODEL

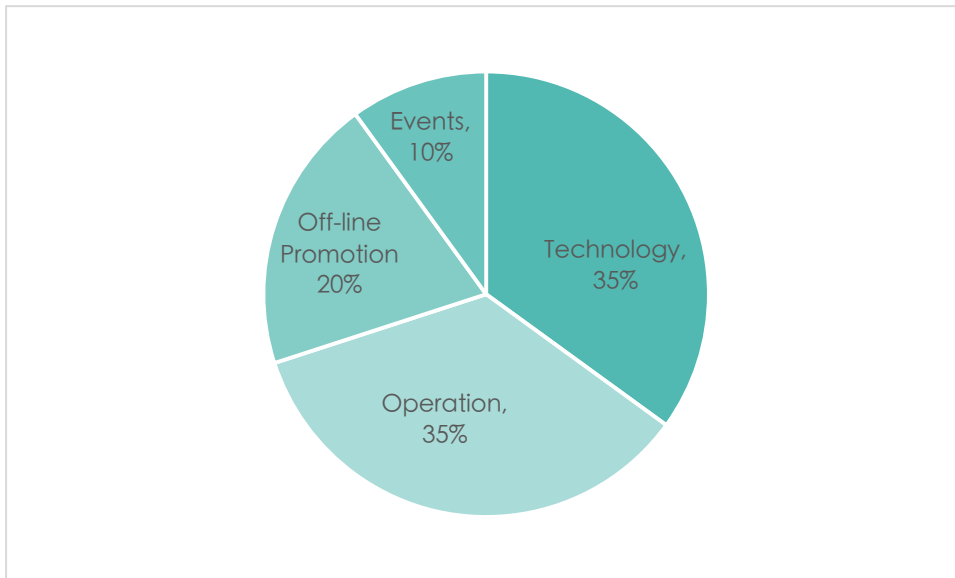
A fixed amount of FP is released each week and the total weekly output is distributed to community members in terms of impact within the community. Each group in the community calculates its impact in terms of weekly task completion rate, group activity, participation, and community contribution for a different share of the super nodes, reward. The distribution rate of each person in the group also depends on the value of their influence. In addition, BEFULL autonomous representatives will also receive a certain proportion of Token incentives.



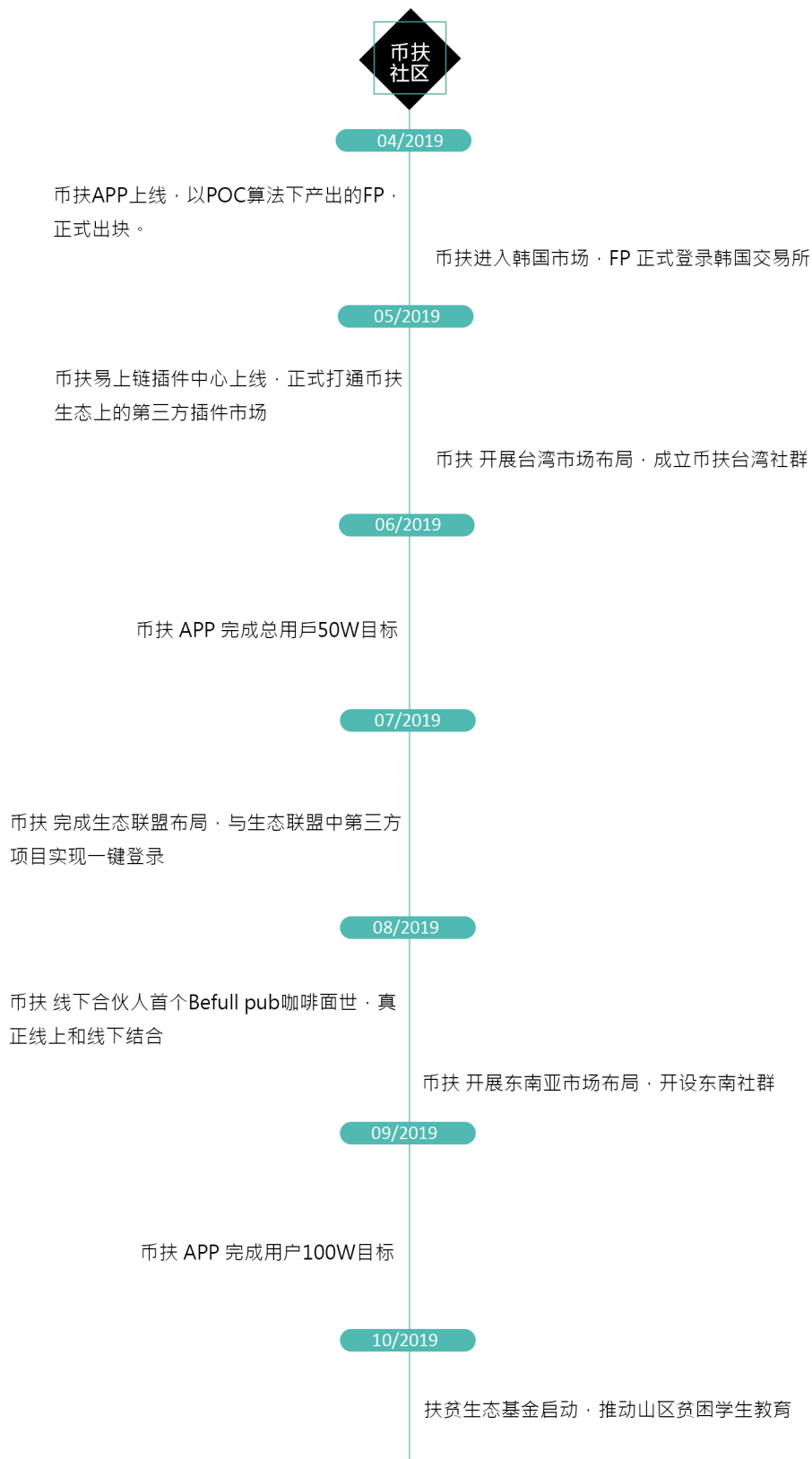
# BUDGET & DEVELOPMENT PLAN

## BUDGET

The operating budget of the project is implemented in accordance with the following programme, of which 35% is for technical research and development, 35% for project operation, 20% for project promotion and business development, and 10% for offline activities.



# DEVELOPMENT PLAN









TEAM MEMBER

## CORE TEAM

### Zhang Baihao

#### Founder & CEO

LINKING Block chain shareholders / Hong Kong Shack Studios Co., Ltd (founder) / EVO Capital partner / Hong Kong Productivity Council Lecturer in Innovation and Technology. In 2004, Zhang worked as a technology consultant at SAP, Europe's largest software company, and has been active in the Internet for more than a decade. Insiders say Howe is one of the preachers in the block chain field, and he has been involved in early investments in several block chain projects, including QBT,IOST, MDI, AAC, ELF and others.

### AMANO HIROFUMI

#### COO

Japanese economist and director of China-Japan Friendship Association. He graduated from Fudan University in the Department of Law, specializing in Internet and next-generation communications agreement research, Silk Road equity fund, in Japan, Hong Kong, Taiwan, the Philippines and other offshore investment experience. He is currently the consultant to Bangladesh Taiwan Economic and Trade Exchange Association, founder of block chain technology industry professional trade union, NEO Keymakers Japan co-founder, and MOLD co-founder, Japan Transhumanist Association executive director, Morning Field Japan Co., Ltd. Consultant of Dengxing Science and Technology Co., Ltd.

### Qian Shanhai

#### CTO

Qian graduated from South China University of Technology, majoring in optoelectronic information and application, has 12 years of experience in mass data processing, 10 years of experience in telecom BOSS system research and development, 14 years of experience in Linux security, development and use, He is familiar with Linux kernel and system bottom development; Research on digital currency for more than four years, design and implementation of a secure, microsecond-level Bitcoin real-time trading system, the invention of a patent: real-time mass data indexing method and system, patent number: 201110144807.9.

**Ni Zipeng****Investment and financial affairs**

Ni studied in Australia for five years. After returning home, he engaged in Sunshine private placement, equity investment, M & A and other related financial business. The original company management scale more than 1 billion yuan. The total value of successful development projects is no less than 3.5 billion RMB, the head of the financial markets department in Greater China.

**Lin Baijian****Business affairs**

Lin graduated from the Logistics supply chain Department of Michigan State University and has more than a decade of practical experience in different industries and sectors in Hong Kong and the United States, including medicine, retail, aviation, and electronic sales. In addition to focusing on logistics, production, supply management and enterprise resource planning, Mr. Lin is also very active in marketing and brand packaging, and Lin has helped many foreign brands to enter the Greater China market. In the block chain industry, Lin is also very active, more than a number of projects to play a consulting role.

**Xue Yuyan****Community operation and drainage planning**

Xue founded large game unions and invested in currencies such as Neo and trx, bnb, Mgd in the early days. Xue has been involved in the early construction of Mgd community, and has helped more than 10 pre-project districts in BEFULL community ecology. He is determined to reveal block chain chaos, create pro-poor ecology, and preach block chains as much as possible.

## CONSULTANTS

### **Anndy Lian**

CEO, LINFINITY

He is a comprehensive business strategist with more than a decade of experience in Asia. He advises local and international companies in various industries. Former head of non-profit and quasi-governmental organizations such as the Singapore Business Union and the Singapore Institute of International Affairs. He invested in several health-related companies. She holds a master's degree in business administration from the University of Wales in the United Kingdom.

### **Seihyun Jeong**

CEO, EOSDAQ

Former Hyundai Mobis engineer, he graduated from the computer Department of the University of Southern California. Aware that block chain technology is a collection of all fields of computer science, he analyzed and consulted various projects from a technical point of view. Currently, SeihyunJeong is the CEO and developer of the South Korean EOSDAQ Exchange.

### **Li Jinxin**

Co-founder of HPB Core chain

Doctor of Finance, Central University of Finance and Economics. Co-founder of HPB Core chain, Li is responsible for the strategic layout and investment division of HPB. China's first Ethereum investors and miners, Li participates in a number of digital asset projects in two years, annual portfolio receipts 5.000 percent.

### **Wu long**

Assistant Director and Director of Marketing & Design of Pure K Entertainment Group and JinYue xuan Catering Group

Wu successively founded Watchman Brand Design Company and Qiuqi property Management Co., Ltd., with the experience of incubating many start-ups. He is now in charge of the marketing and design departments of Pure K Entertainment Group and Jinyuexuan Catering Group. He has the experience of incubating start-ups and naturally helps the development and maturity of the BEFULL community.



# DISCLAIMER



## DISCLAIMER

This white paper is intended for communication purposes only. The White Paper contains information or analysis that does not constitute any FP purchase proposal or proposition. Do not treat this white paper as any form of FP purchase or sale statement / invitation, and this white paper does not constitute any type of contract or commitment.

Chinese citizens are not allowed to participate in the FP's public support program. U.S. Citizens certified as qualified investors in accordance with relevant U. S. laws may participate in the FP's public support program. Singaporean citizens are not allowed to participate in the FP's public support program.

### **Risk Warning**

#### ■ Compliance and Operational Risk

Compliance and operational risk refers to the risk that the project party violates local laws and regulations in identifying funds and doing business. Violations of local laws and regulations may result in business disruptions. Operational team compliance and operational risk avoidance policies are:

The Operations team and decision Committee adopt a distributed operational approach to eliminate a single point of risk. Hire a professional lawyer from a local law firm to design the relevant application rules of the block chain in the local legal framework.

#### ■ Market Risk

Market risk means that FP may not be accepted / recognized by the market, or that fewer users use FP, that the company's business is stagnant, that it cannot make ends meet, and that it is difficult to sustain. The risk aversion measures used by the Market risk Operations team are:

After nearly a year of market operation practice, the market risk operation team identified the existence of market pain point.

Based on the experience accumulated by the company's founding team in Bottom technology, such as block chain of development zone, registration of equity assets, management transfer system construction and supply chain financing project, the ecosystem is constructed quickly.

■ Technology Risk

Technical risk is a major problem facing Bottom technology, which may cause FP to fail to perform its intended functions and cause critical data corruption or loss. The precautions taken by the technical risk operations team are:

Build a FP system based on mature, open source and secure block chain technology using an architecture that has been approved and validated by commercial customers;

After raising enough resources, the project team will attract more high-end talents from the industry to join the development team, thus laying the foundation for long-term development, replenishing the "fresh blood" in time and actively learning from mature development experience.





BEFULL COMMUNITY