



# BodyOne

monetize your passion

Fitness Industry Ecosystem base on  
Blockchain

# Background

According to the report of IHRSA International Health Sports Federation, although the world's major economies are facing difficulties, the growth rate of the global fitness and health club industry continues increasing. In 2015, in the report of "Several Opinions on Accelerating the Development of Sports Industry to Promote Sports Consumption", the State Council upgraded the national fitness awareness to the national strategic level. In 2016, the State Council put forward the "National Fitness Program (2016-2020)" report, which pointed out that by 2020, the number of people who often participate in physical exercise in China would reach 435 million, and the total scale of sports consumption will reach 1.5 trillion Yuan. Obviously, the world's largest commercial fitness and leisure market will be China in the future.

The booming fitness industry drives endless business opportunities, and the most valuable intangible assets are data generated by users. In 2011, the World Economic Forum announced that personal data would become a new asset class, while health-related data will be one of the most valuable and expensive assets.

In the era of mobile Internet, people are used to knowing themselves by self-tracking data. When we are busy quantifying ourselves with smartphones, smart apps or sports equipment tracking health data, the product companies serving us are also busy collecting our data for free. Since this personal data is not our private assets, platform-level companies can benefit from it.

Participants in these ecosystems are trying to build better mechanisms to lock users into a single platform, which allows the quantified data to be limited by a single provider or small collaborative network, but each brand equipment has different data computing standards, which cannot be effectively analyzed and accurately applied. It is difficult to comprehensively quantify behaviors of users, and the lack of a large amount of motion data causes data islands. The way users share data is very limited which makes it impossible for them to quantify their movement data, manage the data reasonably and effectively, or generate self-motivation. The laziness of human nature is due to the lack of incentives, and the intermittent nature of user participation is a direct root problem for large-scale development of the fitness industry.

# BodyOne

The BodyOne logo is inspired by the ancient coin shape, but it also represents the operation basis (1 and 0) of the computer in the digital age; the name comes from health, which is our most precious asset, we must properly maintain our only one body; green represents nature, and blue represents medical care, we hope our users can maintain good exercise habits and get healthy through the BodyOne ecosystem.



# Blockchain in fitness industry

A blockchain is a distributed system that records and stores transaction data, and the transaction content of the digital ledger cannot be changed. Each trading block is stored in the ledger, and the transaction records are linked to other blocks in the chronological order after being verified by the distributed P2P network. The end-to-end encryption allows users to store, exchange and view information without having to establish trust.

The BodyOne R&D team evaluates and quantifies the value of the entire sports and fitness industry based on the blockchain technology. It is a distributed network protocol that enables the entire industry to share data.

The protocol initially runs on the Ethereum public chain, using its basic blockchain services to verify the protocol validity, and will become an important cornerstone of the BodyOne chain in the future. The BodyOne protocol fundamentally realizes the value and sharing of data in the sports and fitness industry, and through the agreement of the protocol, each participant can experience the convenience and benefits brought by data sharing, thereby optimizing the structure of the industrial operation.

If the blockchain technology turns user-generated data into trustworthy sports-healthy personal data, the relationship between the original fitness equipment and the user will be completely changed. Through the chip equipment and applications with the BodyOne protocol, the data generated by the smart contract forms TOKEN and circulates in the sports ecosystem. In the plan, we will focus on the issue of uniform standard service model for fitness equipment data, or more specifically the relationship between health application standards and equipment manufacturers. The most important thing is to build an ecosystem openly and tap the full potential of BodyOne in the future.

# Features

BodyOne aims to create a healthy new ecological relationship. The ecosystem is user-generated and user-controlled sports health data. Developers based on an open application platform “BodyStore” join to share BodyOne’s global fitness industry content and community dividends, and realize value exchange through user computing TOKEN.

## BodyStore

Create a new entrance to the fitness equipment. Facing the fitness crowds of various scenes, BodyOne hopes to open up to developers and service providers in different industries, and bring its services and apps to the application layer on the underlying architecture of BodyOne to integrate motion data with data to provide developers and users with more diverse experience.

## Valuable incentive sports

The best solutions to combat laziness are incentives, including social incentives and economic incentives. BodyOne, based on blockchain technology, allows the bodybuilder to use computing to generate Token while exercising and fitness, which become a profit with transaction value.

## Personal data rights

Fragment data generated by equipment manufacturers and fitness persons plays no role in user applications. Various applications using the BodyOne protocol will effectively transform exercise fitness data into personal accounts. The management and transaction of data by users depends on themselves.

## Data standard setting

The motion data calculation standards for different sports equipment cannot be unified. The BodyOne protocol and chip will effectively improve the status quo of the industry and unify the data standards generated by fitness equipment.

## Activate equipment usage

The device owner shares the idle equipment through the smart contract; through the calories burned by the fitness, the BodyOne’s equity certificate is obtained, which effectively compensates for the depreciation of the equipment. Fitness persons can get a high-quality fitness experience without having to buy fitness equipment, while also getting some fitness TOKEN.

# Public chain

BodyOne Chain is the public chain of the global sports and fitness industry, aiming to create a new ecosystem driven by user-generated, user-controlled sports and health data, and the introduction of motion computing for value exchange. BodyOne Chain uses the BFT-DPOS consensus algorithm, where data can be freely, trusted, and exchanged extremely efficiently, leaving data away from monopoly, and information no longer has islands.

Application users who join the BodyOne Consensus Mechanism and all major players in the sports industry will be at the heart of this ecosystem. BodyOne supports the sharing mechanism and rewards of rewards for members and nodes, enabling participants to benefit, help the data sharing of the entire sports and fitness ecosystem and achieve rapid development.

## Ecological value

The blockchain combined with the sports and fitness industry will develop an application scenario that was previously unimaginable, supplemented by an appropriate terminal, and truly realize the value. Through the blockchain technology to establish the underlying structure based on the sports and fitness industry, to create an intelligent, credible, open, decentralized data value exchange protocol for the sports and fitness industry, which will subvert the existing centralized credit platform, and uses TOKEN to realize the value quantification and circulation within the platform, solve the long-standing pain points in the industry, and reconstruct the entire sports fitness ecosystem.



## Data value

We provide support for storing and validating BaaS (Blockchain as a Service) interfaces. Developers develop blockchain applications with real value based on rich BaaS-API, data transaction API, and native API. The data platform provides visual blockchain height and data query, and node users can view data on the real-time chain to analyze the data. The collected data has the following characteristics: data is completely trusted, data protection, data authorization, data processing, and data sharing.

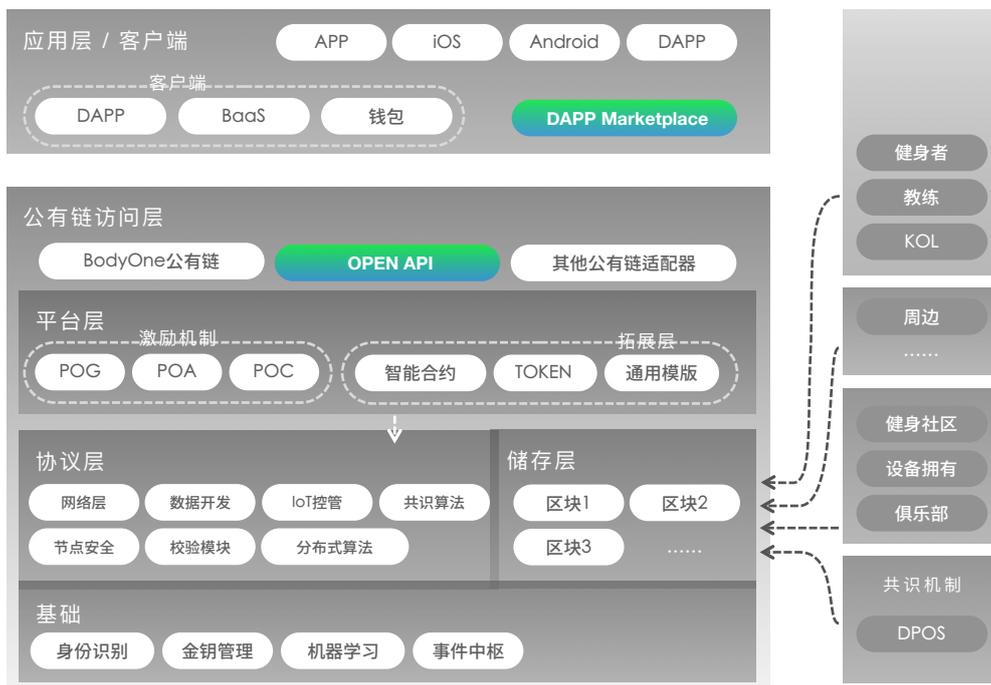
## Ecological alliance

Through the intelligent chip serially connected to the whole ecology, each smart chip installed on the intelligent terminal is an independent node. The protocol registers the terminal to the blockchain through the smart motion chip, so that it has a digital identity, and then all information about this digital identity is recorded through a jointly maintained smart contract book. Digital identity can be used not only for identity authentication, but also as the basis for identification of the Internet of Things in the sports and fitness industry, in order to achieve direct communication and value transfer between objects, and to provide shared value according to devices in the sharing process.

BodyOne will conduct in-depth cooperation with sports and fitness manufacturers to enhance the use of terminal value, realize the sharing of benefits, and continuously build a cooperative ecological chain.

## Data on the chain

The data is represented by a transaction, and each transaction contains a signature. The transaction is packaged in a block, and the adjacent blocks are connected by a hash chain. BodyOne uses a state model,



and each transaction changes the state on the blockchain. The interpretation of the state change caused by the transaction is provided by the upper account book service.

## P2P network

The point-to-point network is a P2P network, and the network communication module is responsible for message data transmission between nodes and on the service side. BYC adopts a dynamic self-organizing network that can be multiplexed and connected and shared. It can be compatible with existing security

facilities such as firewalls and proxy servers, providing peer-to-peer networking and secure and reliable data transmission.

## Low latency and high concurrency

The fitness industry has hundreds of millions of users, and some platforms can reach 10 million daily. The blockchain technology used must be able to process the big data generated by it, execute fast, millisecond-level data confirmation, and efficient concurrent request processing.

The data throughput of at least one million TPS can meet the operational needs of the platform.

## Free

The blockchain platform can only be used for a wider range of development space if it is free to support users and developers and companies can create effective profit models.

## Expansion

Since the focus and mechanism of different platforms are very different, it is necessary to customize the function modules and freely expand according to demand. From the architecture layer, we must solve the problems of load balancing, data synchronization, fault tolerance mechanism, and execution efficiency.

### High reliability

Businesses need the flexibility to enhance their applications with new features that must support software and smart contract upgrades. Even with the most rigorous formal verification, software can still make mistakes. So the system must be powerful enough to fix it in the event of an inevitable mistake. 復。

## Easy to use

There is a smart contract editor with multi-language support, clear modules and visualization. Even people who don't have the blockchain technology foundation, even those without a code base, can flexibly release a blockchain smart contract of their own.

## Open and transparent

The current fitness business model mainly includes several major profit methods such as coach private tuition fees and club membership fees. Industry rules are vague, service reliability is not high, and black-box operations are numerous. The arrival of this ecosystem will completely break the current service system, establish a truly open and transparent fitness model, create a fair fitness environment for users, and create a new sports and fitness ecosystem.

## Cross-platform data flow

For the user, once the fitness club or coach is changed, the original fitness data is difficult to use as a reference. BodyOne will open up the industry upstream and downstream, establish industry common standards, let all data share, and solve the situation of user fitness results scrapped.

## Open autonomous community

The open autonomous community is separated from the centralized governance. Everyone is a shareholder. Everyone has the right to participate in decision-making and rely on the common strength of the community to promote the project.

# BodyOne Chip

The BodyOne intelligent motion chip equipped with the protocol is used in the field of sports and fitness equipment. It is committed to using the protocol to agree on the node value of the contract terminal and realize the value output of the existing intelligent terminal through the consensus mechanism.

Core functions include: node authentication, node asset management, service metering and distribution control, and services. Perfect networking mechanism: the networking capability of the node device, the chip can be connected to the node network by means of the node device. For node device that do not have networking capabilities, they can also be connected to the node network through the built-in NB-IOT module.

Designed with a proprietary security chip, it provides better security and performance power consumption, and the form factor can be smaller, which is more conducive to system integration. The hardware-level trusted computing system improves the trustworthiness level of the shared network as a whole, and provides a reliable guarantee for the development of the shared network.

The BodyOne chip is suitable for node device with networking capabilities, and can also be used for node device without networking capabilities or virtual service nodes. BoC's built-in BN-IOT capabilities provide the underlying network capabilities needed to share network operations and provide more possibilities for removing barriers to more diverse and innovative applications on shared networks.

## **Accelerate equipment intelligence development**

It can speed up the intelligentization of equipment, reduce the debugging and development time of the upper control and electronic components, and use the chip to enable the brand manufacturers to shorten the development time.

## Efficient operation

The most familiar chip in the fitness industry with outstanding performance, supports Bluetooth & WiFi transmission data. It responds quickly to services and runs multiple tasks simultaneously.。

## Secure transmission

The blockchain point-to-point technology is used for direct data transmission. The solution does not require the introduction of large data centers for data synchronization and management control, including data collection, command delivery, and software updates that can be transmitted over a blockchain network.

## Chip expansion

The friend chip can also be equipped with the BodyOne protocol. By upgrading the software and sharing the node data, the ordinary fitness equipment can also be transformed into a blockchain fitness equipment, allowing users to build a blockchain virtual network through the blockchain bodybuilding equipment. This network establishes a transmission channel for the blockchain data, and obtains TOKEN benefits through sports.

# Plaisir has joined BodyOne

The innovative leader of spinning bikes, the Plaisir brand of Sports, has joined BodyOne as the first landing application. The world's first blockchain spinning bike is launched on the existing equipment equipped with the BodyOne protocol and smart contract. Manufacturing and production of DHZ, a well-known fitness equipment in China, with full-scale fitness equipment production and design technology, and supports mass production and sales capabilities in 102 countries around the world. DHZ implants BodyOne into new products and some old products. In the future, 85% of the production equipment will carry the BodyOne protocol and chips every year. This provides strong support for data sharing in the fitness industry.

## First equipped with BodyOne chip hardware products

The Plaisir blockchain smart bike, as the infrastructure of BodyOne, will collect data on fitness for the fitness. Combined with the blockchain technology, through the artificial intelligence algorithm, the chip can calculate the human exercise capacity value and transmit the data to the BodyOne network node. As a reward for building an ecosystem, every time the equipment is worn out, there is a chance to generate a partial BODY Token as a reward. Use blockchain smart bicycles to solve fitness inertia, improve fitness quality, and make money while exercising.

# BODY Token Release

The equipment or application is motivated based on contributions such as fitness equipment hardware capabilities, chip algorithm capabilities, fitness exercise data, and effective online duration. The equipment score is the contribution of the day, and the BODY Token generated on the day is allocated to the whole network equipment according to the score weight. The device owner can autonomously assign the device token share to the fitness worker and coach.

40% of BODY’s total circulation will be distributed to member users in the form of “motion computing mining”. Drawing on the bitcoin mining model, the issuance process is divided into two parts: “release” and “distribution”. 17% of the total release amount of mining excavated in each period is a cycle, and the release amount in the first cycle is 680 million. After that, the release amount per cycle is 17% of the remaining amount of excavation.

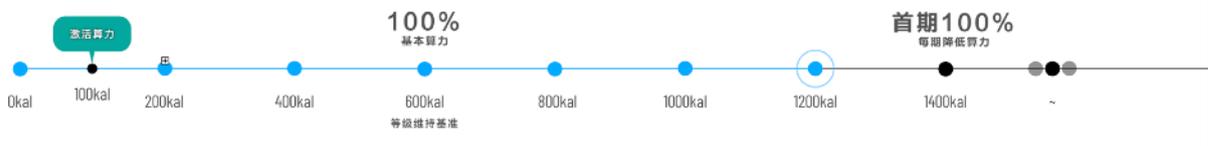
Cycle	Release amount	Remaining (100 million)	Convert calories per body	Amount of release accounts for mining proportion
1	6.80	33.20	1	17.0%
2	5.64	27.56	5	14.1%
3	4.68	22.87	25	11.7%
4	3.89	18.98	125	9.7%
5	3.23	15.76	625	8.1%
...	...	...	0	...
47	0.00	0.01	0	0.0032%
48	0.00	0.01	0	0.0027%
...	...	...	0	...

# Incentive

## Calorie computing

Each user needs to use the device equipped with the BodyOne smart chip as the core of the motion computing. Each exercise produces a calorie count as a calculation benchmark, and each exercise must exceed 100 calories to activate the calculation (including 100 calories). It is intended to help users develop good sports attitudes, ensure a certain amount of exercise, and set up a continuous reward mechanism to

挖矿算力  
依据释出及兑换比例



Calorie	Gain computing	Computing	Initial incentive	100 calories activation base
99	0.00	100%	100%	-
100	100			Activation
150	150			
1200	1,200			
1500	1,250	50%		

establish daily habits.

Note: User has no stage and number of times per day to achieve accumulated calories, but effective computing must be met for each activation basis. Data that does not reach the activation base is not included in the calculation. The recommended daily exercise is 1200 calories, and the excess of the computing will be sharply reduced. The system does not impose restrictions at the beginning to motivate user engagement.

## Exercise time computing allocation

Advocating reasonable and healthy exercise habits can bring joy and satisfaction to the body and mind, and build a person's self-confidence. Unhealthy exercise time brings not only harm to the body, but also affects people's quality of life. Different computing ratios are assigned at different time periods to motivate the user



to  
move  
within  
the

Time frame	Hashrate	Initial proportion	Settlement
05:01 - 06:00	75%	100%	Once per hour
06:01 - 22:00	100%		
22:01 - 23:00	75%		
23:01 - 05:00	50%		No

recommended physiological clock time.

**Note: Block settlement is to generate Token on an hourly basis. At the same time, the platform dividends are settled together, and the settlement is 18 times a day.**

### Mining difficulty increases

BodyOne provides a total of 4 billion Body Tokens for mining users to mine, with a total of 17% of mines released per cycle. As time and number of participants increase, the difficulty of mining increases,

Cycle	Convert calories per body	Lease amount (100 million)	Activation basis
1	1	6.80	100 calorie
2	5	5.64	
3	25	4.68	
4	125	3.89	
5	625	3.23	
6	3,125	2.68	
7	15,625	2.22	
8	78,125	1.85	
9	390,625	1.53	
...	...	...	

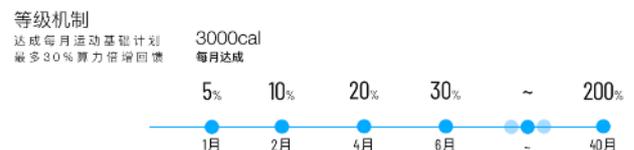
maintaining ecological balance on the one hand and stimulating initial user engagement on the other. The proportion of calorie-converted body tokens per cycle is continuously increased by 5 times.

**Note: Converting a Body Token with calories will increase the difficulty of calories by 5 times per cycle, and so on.**

### Hierarchy mechanism

In order to increase the motivation of the user's continuous movement, BodyOne has worked with experts and scholars to design a set of grading patterns

that conform to the comprehensive movement of most modern people. This is a sustainable exercise prescription that ensures reasonable incentive. Only need to accumulate up to 3,000



calories per month to achieve the basic week goal, and you can get 5% calorie increment in the first month. Then increase by 10% every 2 months, 200% capping.

Hierarchy mechanism            3,000 cal a month

Reach the monthly sports foundation plan

Up to 30% of computing multiplied feedback

Classification	Classification	Dividend
Paid member	There is no purchase of single payment equipment. The mining computing is equal to the paid user, but the discount is not available, and the user is free to choose the paid content. Users who purchase BodyOne equipment pay a monthly fee to enjoy anytime and anywhere sports mining.	Platform dividend
Family packages	Users who purchase BodyOne certified equipments are registered as family members, and family members can be bound to 5 natural persons, so that family members do not need to pay again.	
Community reward fee	There is no charge for the community users to enjoy more than 5 times a month. Different privilege levels become the sports internet celebrities, and the rights between the communities are empowered. If a user named is placed on top.	
Content sales share	UGC records live broadcasts on the platform, providing user content services to generate revenue	
Battle game	The platform organizes various sports competitions from time to time to promote user to compete and battle. The user is required to pay Body to get the right to participate. Winners can get a Body return.	
Mall sales	Brands and advertising vendors settle in, the platform charges fees and sales commissions.	

## Holding money dividends

The BodyOne Eco Platform revenue will be returned to the holders in a fixed proportion, with a distribution ratio of 80% allocated to BODY Token holders and 20% allocated to the development and operation of the platform. The daily settlement and return of profit is averaged to the holder of the money by the user providing the generation of the computing in equipment and the cost of selling the equipment.

$$F(s, i) = \begin{cases} 0, s < S \\ B_i + E_i \frac{1 - W^{S_i - s}}{1 + W^{S_i - s}}, s \geq S \end{cases}$$

Platform revenue category description:

## Motion mining incentive algorithm

$$F(s, i) = B_i + 75\% E_{i1} \frac{1 - W^{S_i - s_1}}{1 + W^{S_i - s_1}} + E_{i2} \frac{1 - W^{S_i - s_1 - s_2}}{1 + W^{S_i - s_1 - s_2}} + 50\% E_{i3} \frac{1 - W^{S_i - s_1 - s_2 - s_3}}{1 + W^{S_i - s_1 - s_2 - s_3}}$$

Assume that the number of daily mining bonus pools is T and the number of users is a. The type of motion

$$U_c = \sum_{i=1}^n F(s, i)$$

实际获得 BODY token 奖励数量为

$$Award_c = T \times \frac{U_c}{U_1 + U_2 + U_3 + \dots + U_a}$$

task is i, the total amount is n, the basic movement completion index required for the task is S, the actual completion index of 5-6 points/22-23 points is s1, and the actual completion index of 6-22 points is s2, the actual completion index of 23-5 points is s3, the contribution rate of the standard is B, and the maximum contribution E of the daily excess is completed, and the upper limit of contribution is F=B+E. The general formula for the calculation of the contribution of a single motion task is as follows:

For example: the maximum contribution of daily over-achievement rewards is  $E_1, E_2, E_3$  in 3 periods, when  $s_1 > S$  and  $s_2 > S$  and  $s_3 > S$ , the upper limit of contribution is  $F = B + 75\%E_1 + E_2 + 50\%E_3$

Where  $w$  is the task's extra value weight ( $1 < w < 100$ ). From the above formula, the daily contribution of user  $c$  is:

According to the formula, when the user does not reach the basic sports standard, the contribution bonus of the task will not be obtained. When the user exceeds the basic sports standard, the sports reward will

increase as the contribution to the exercise

completes. At the same time, the increase will

gradually decrease and eventually approach the maximum.

The actual number of Body Token rewards

This design has several advantages:

1. Provide more rewards to users who do more tasks
2. Encourage users to complete multi-project tasks and increase the diversity of sports
3. The total amount of rewards is controllable and has an upper limit to avoid excessive movements that violate science.

## Smart contract

The BodyOne ecosystem will use Body Token to embody smart contract and interactions. Unique user motion incentives and health data integration offer a wide range of opportunities for smart contract and data exchange. The BodyOne team values the privacy of its users, so all source code for smart contract related to data exchange will be fully verified by developers. In addition, the BodyOne Eco-Monitoring Module will act as an authorized entity for protocols and awards. In the early stages, several examples of execution of smart contract:

### User reward

Create user reward programs between the BodyOne ecosystem participating devices, such as user/coach/gym/Sports goods provider and BodyOne digital wallet users. Let's take a look at an example between a device and a user. In order to motivate users to establish healthy and continuous sports to build a healthy lifestyle, equipment manufacturers use the corresponding universal module contract or BodyOne chip on the platform to provide sports services for end users. The contract itself will use standard interface data or interfaces. The components of the contract are as follows:

1. Create a module contract equipment / service provider's account
2. The account of the end user who receives the reward after completing the goal
3. Number of BodyOne tokens to be transferred as rewards
4. Detailed description of equipment computing and objectives: Users need to meet basic sports conditions. The information will be hashed into a string to limit the size of the parameters sent to the smart contract.

The creator of the smart contract will use all of the parameters described above and use its own password to authorize the signing of the blockchain. Smart contract will lock reward tokens within the specified time.

After the user completes the training objectives specified in the contract, the BodyOne core processing

module will verify the information and exercise the smart contract call, finally confirming the transfer of the Body Token to the user. If the user does not complete the target within the specified time, these tokens will be transferred back to the BodyOne platform or smart contract creator account according to the specific conditions of the token reward program.

## Universal equipment module

The BodyOne Foundation develops a universal module with smart contracts that provides implementation plan of equipment /suitable application and automatically includes a rewards program. Equipment vendors are free to choose how to access their services in the system, but to increase their competitiveness, pricing may include an option for users to receive a certain percentage of payment returns. The implementation of a smart contract will be very similar to the previously defined model. However, in this use case, the workflow will have some additional steps:

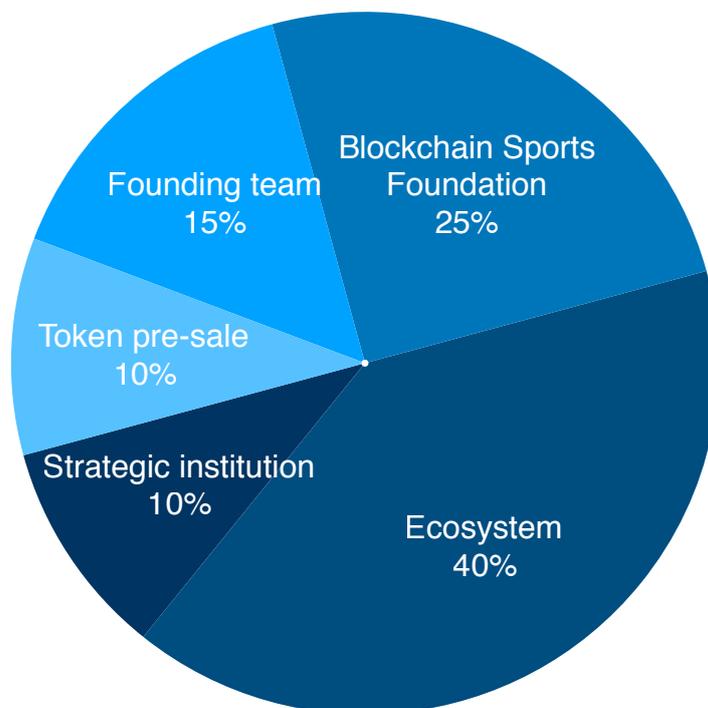
1. Create a series of universal modules
2. The general modules will include: computing standards that match the sport category
3. The price of the entire course / service
4. After the goal is achieved, the percentage of the reward will be awarded to the user as a condition (similar to the provisions in the smart contract above)

The device sends this information to the smart contract (signing the blockchain account). Some parts will be set directly (eg sports heat, time ratio, etc.). Other details will be hashed into a string and stored as proof in smart contracts.

When a user uses a device with a BodyOne protocol, the BodyOne system will further verify that the information signed by the device in the smart contract is correct. After that, the user can use the Body Token or the French currency to trade the device usage fee. The Token will be transferred directly to the device owner/brand account, but a certain percentage of the Token will be automatically locked in the smart contract.

Unlocking is similar to the contract defined above: After the user completes the training objectives specified in the contract, the Lympo CPU will verify this information and invoke the smart contract, and finally issue a confirmation to transfer the Lympo token to the user. If the target is not completed within the agreed time, the token will be transferred back to the coach's account.

# Initial allocation



## Cornerstone

Start-up for the cornerstone stage

## Foundation

As a reserve fund of the BodyOne affiliated foundation, it is used for the ecological construction of BodyOne in the global sports and fitness industry.

## Community

It is used for further development, daily operations and community maintenance of BodyOne.

## Team

Reserved for the R&D team, locked for 3 years, it will release 20% in the first quarter and 1% in the remaining quarterly.

Recruitment Note: The recruitment of this project does not support the participation of US citizens, Chinese citizens, and Singapore citizens. After the completion of the fundraising, the ETH main chain TOKEN Token of ERC20 will be issued. After the development of the public chain is completed, the main chain TOKEN Token will be exchanged 1:1. According to the operating experience of the BodyOne team, BodyOne's

entire ecosystem requires 10 billion BODY coins to meet operational needs, so TOKEN plans to issue a total of 10 billion.

## Route map

Date	Work
2016	Complete pre-industry market research and industry cooperation preparations, and start development software and R&D hardware plans. Establish a comprehensive and efficient multi-functional training course system and content development team. The first fitness exercise center and the studio were decorated and the live test was started.
2017	The first smart fitness spinning bike V1 released the fitness data application and management system. Launched the first generation of intelligent spinning bikes (light business models). The number of seed users reached 1,000, and 60 of the top 500 companies allowed customers to share space.
2018	The application and management system released version V2.0, launching the second generation of intelligent spinning bicycle research and development and blockchain design. BodyOne launches
2019	DAPP was launched online and the wallet function was launched. Generalized protocol chip and protocol development platform. The operation of the BodyOne program is launched, expanding the industry and brand customers, and strengthening the cooperation of authorized certification equipment. Open BaaS service platform and eco-members landing projects reached 10; public chain 1.0 release; ecological partners expansion and third-party application access and innovation.
2020	Launched a comprehensive multilateral fitness data market to build a global BodyOne sports and fitness industry ecological alliance. Open chip standard and protocol pair

# Foundation

The BodyOne Foundation is a non-profit company established in Singapore/Switzerland/Other Areas in 2018. It is dedicated to the development and construction of the underlying architecture platform for the blockchain sports and fitness industry and govern transparency advocacy and promotion work to promote the all-round development of the sports and fitness industry.

The Foundation consists of a developer and a functional committee composed primarily of a decision-making committee, a code review board, a finance and personnel management committee, and a marketing and public relations committee. Members of the decision-making committee change for four years. Members are generally recommended by each sub-committee and representatives from community representatives and team members. The decision committee has five members. Members of each subcommittee change for four years, and members are generally held by individuals with outstanding capabilities in relevant industries.

## **Decision Committee**

Functions include appointing or dismissing executive heads and heads of various functional committees, making important decisions, and holding emergency meetings. The members of the decision-making committee and the chairman of the foundation shall serve for a term of four years and the chairman of the foundation is not eligible for re-election.

## **Executive head**

The executive head is elected by the decision-making committee, responsible for the daily operation and management of the foundation, the

coordination of the work of each subordinate committee and the meeting of the decision-making committee. The executive head regularly reports to the decision-making committee.

## **Code Review Committee**

The Code Review Committee consists of core developers in the BodyOne development team responsible for underlying technology development, open port development and auditing, product development and auditing. The Code Review Committee members learn about community dynamics and hotspots every day, communicate with TOKEN holders in the community, and hold technical exchanges from time to time.

## **Finance and Personnel Management Committee**

The Finance and Personnel Management Committee is responsible for the use and review of project fundraising, developer compensation management, and daily operating expenses audits.

## **Market and Public Relations Committee**

The goal of the Market and Public Relations Committee is to serve the community and is responsible for BodyOne technology promotion, product promotion, promotion and promotion of open source projects. In addition, the committee is also responsible for external announcement management. If an incident affecting the reputation of the foundation occurs, the committee will conduct a public relations response after internal audit and evaluation.

# Team and Advisor

## **Kody Chang** **CEO**

10 years of experience in corporate information strategy consulting. He is also a serial entrepreneur. He also has 10 years of communication and coordination skills in multi-national teams in China, the UK and Japan. The former BENQ Design Center brand communication designer, SONY game advertising operation, Japan Airlines and Taiwan Exchange and other network service architecture design. 10 years experience in product design industry, proficient in software and hardware development and user behavior interaction full stack capability.

## **John Weng** **Software Technology Director**

In recent 15 years, he has worked in China Putian, copywriting Zhuo Li (innovation workshop), Australia Education Group, the main technical leader, realized the direct transplantation of Android to Windows kernel, good at big data, micro-service technology.

## **Fabian Chin Leong LIM** **Ph.D., Associate Professor,** **Nanyang Technological** **University, Singapore**

## **Xie Cheng ze** **Chip design director**

The main members are key technology and management cadres of the world's first-line design manufacturers. Familiar with the high-end process of wafer foundries such as TSMC and UMC. Familiar with front and rear design tools, process integration, and related design quality management. Familiar with large-scale chip integration of analog and digital hybrid, high-speed transmission, image processing, communication processing, etc.

Complete experience in integration, verification, mass production, etc. of Zhizhicai (IP), subsystem level, chip, software and product level.

## **Ohyun Kwon** **Physical therapist, doctoral** **consultant**

Professor, Yonsei University, Korea, Department of Physical Therapy, School of Health, Department of Health and Environmental Sciences, Graduate School of Ergonomics  
Graduated from the University of Washington, USA, and later founded the KEMA (Kinetic Ergocise based on Movement Analysis) laboratory at Yonsei University. The main aspects of the research are the mechanism of musculoskeletal pain and sports injuries, prevention, management and how to use the correct exercise to improve the performance of the body.

## **Xiong Kaiyu Consultant** **Professor, doctoral tutor**

## **Li Bin** **Chinese Fitness Consultant**

Jade Bird Fitness was rated as the first five-star commercial gym in China by the State Sports General Administration and is one of the national gym star rating standards. He pioneered the "personal coaching" industry in China and was the maker of coaching fees and star rating standards. Create the first Chinese fitness college.

The first person to introduce the "Sports Bike" project in China.  
Create a precedent for Chinese youth camp education.

## **Celia la Choo Tan** **Doctoral consultant**

Currently serving as Director of Allied Health Group of SingHealth, Professor of the University of Melbourne and Curtin University of Australia and University of South Bank, London, UK, and External Examiner of Tunku Abdul Rahman University, Malaysia.

## **Yu Pengming Consultant** **Supervisor, President of Asia Pacific** **Cardiopulmonary Rehabilitation** **Association**

Nanyang Technological University Li Guangxian Medical College, Associate Professor of Sports Physiology, College of Biological Sciences, School of Physical Education, National Institute of Education, Board of Directors, Member, Guest Lecturer  
Ministry of Education, School of Physical Education and Sports Training, Board of Directors, Member.

Director of the Beijing University of Physical Education Teaching Experiment Center (retired) Research direction: exercise physiology, exercise to promote physical health. Chairman of the Sports Physiology Committee of the Chinese Physiological Society  
The main topic is “Research and Application of Key Technologies for Comprehensive Evaluation of Adolescents’ Physical Health” and “Research on the Relationship between Morphology and Function of Sports Pulmonary Muscles”.

Head of Cardiopulmonary Rehabilitation Technology, Rehabilitation Medical Center, West China Hospital, Sichuan University.  
Member of the Chinese Rehabilitation Medical Association Pulmonary Rehabilitation Professional Committee, member of the Chinese Rehabilitation Medical Association Severe Rehabilitation Professional Committee, member of the China Rehabilitation Association Pulmonary Rehabilitation Professional Committee, member of the Standing Committee of the Integrated Chinese and Western Medicine Cardiovascular Disease Prevention and Rehabilitation Committee, China Heart Alliance Cardiovascular Prevention And members of the rehabilitation professional committee. Member of the Standing Committee of the Rehabilitation Committee of Sichuan Rehabilitation Medical Association, member of the American Thoracic Society.

**Yimin Zhang**  
**Professor, doctoral tutor, consultant**

He has been an advanced individual in the mass sports research of the General Administration of Sport and he first prize, the second prize and the third prize of the “Sports Science and Technology Award” of the Chinese Academy of Sports Science. He is currently the Director of the Office of the Key Laboratory of the Ministry of Education and Physical Health, a member of the National Student Physique and Health Research Expert Group of the Ministry of Education and Vice Chairman of the Physical Fitness Branch of the Chinese Physiological Society.  
The main research direction: the theory and method of exercise to promote health, the scientific selection of athletes.

**Wu Pengsong**  
**Consultant 2FChain founder**

**Zhao Mingming**  
**Medical doctor consultant**

Director of the Department of Cardiopulmonary Rehabilitation and Treatment Center of Jiangbin Hospital (with the Department of Sports Medicine and Cardiopulmonary Rehabilitation). He is going deep into the doctoral course at Drie-Bergen Rehabilitation Center in Germany.  
Good at: exercise cardiopulmonary function assessment, respiratory rehabilitation, exercise rehabilitation of heart disease and metabolic diseases, physical therapy for neurological diseases related pulmonary rehabilitation, surgical risk assessment and postoperative rehabilitation, chronic disease exercise therapy. He has extensive experience in physique evaluation, physical fitness and physical fitness improvement for sub-healthy people.

**Barton Chao**  
**Encryption Technology Expert Consultant**

**Jason Loong**  
**Blockchain, artificial intelligence expert**

InterValue blockchain security division, head of the intelligent contract group, Ph.D., former “double-class” college associate professor. He has been engaged in the research and application of blockchain, network security and artificial intelligence for a long time, and has undertaken and participated in more than 10 national research projects.

**TS Huang**  
**Huang Zengxun Overseas Consultant**

Mr. Wu has extensive experience in communications, IT architecture, cloud computing, big data technology development and management. He used to be the coordinator of Hughes Networks communication project, the head of Yahoo China product management, and the founding member of Alibaba Cloud OS.

**Allen Wu**  
**Artificial intelligence expert consultant**

He has served as one of the principals of the Alibaba Group Product Technology Committee and the chief architect of Yahoo China. Prior to this, he led several systems software, e-commerce and mobile Internet projects at IBM, Silicon Valley and Beijing Internet. At the same time, he is also a senior expert in artificial intelligence algorithms, NPL, and distributed databases.

**Xu Li**  
**Media consultant**

He has served as CEO of Entertainment Workshop, Editor-in-Chief of "Excellent" magazine of Quality Media Group, Deputy Editor-in-Chief of Basketball News of China Sports Press, 20 years of fashion media and sports media experience, and has rich experience in investment field, marketing field and media field.

**Mary Motley**  
**Professor, doctor**

Leader in the blockchain industry, Ph.D., P2P, cryptography, network security, and blockchain senior experts. The front-end R&D of the blockchain technology, the combination of blockchain technology and specific industries, and the blockchain technology are in the practical application scenarios. He has planned and developed several blockchain related projects, and has deep understanding and rich practical experience in the technical principles of the blockchain, the underlying technology, the middle layer protocol, the application on the chain, the landing of the scene, and the development trend.

**Wang YaLian**  
**Overseas Community Operations Team**

10 years of experience in developing operations and financial operations; management planning professional operation of mining machine services, establish blockchain community operation and promotion services in Taiwan, Singapore and Hong Kong.

**Huang Tao**  
**Strategic consultant**

Proficient in Internet product strategy and business model building, senior user research experts; Tencent's pan-intelligence strategy makers, 360 mobile game division strategy formulation; worked for Lenovo, UF, Tencent, Qihoo 360.

**Dr. E. Michael Lovis**  
**professor**

10 years of experience. Familiar with Taiwan's science and technology IT project planners and implementation and plan the IT innovation model project within the enterprise for the government. Assist overseas to enter the Taiwan blockchain legal currency exchange, and establish a local team to avoid legal risks. Familiar with the IT relationship between Taiwan's blockchain industry information and financial industry. As a continuous entrepreneurial partner and investor, he has raised many hot topics about Taiwanese facts and published articles from time to time. Well-known bloggers in Taiwan have 200,000 fan subscriptions, mainly reading the masses for white-collar workers in the IT industry.

**Martin Edmund Block**  
**Doctor**

Ph.D., Professor of the Faculty of Education at the University of Virginia, USA, and Chairman of the International Adaptation Sports Alliance. An internationally renowned researcher is also the editor of the original published textbook on the integration of physical education, as well as the author of a large number of articles and the chapters in the book. He is also the main creator of the Special Olympics Sports Activity Training Program (MATP), and he is the Dean of the AAHPERD Adaptation Institute for Sports and Motion Development and the Chairman of NCPERID.

**Stephen Cone**  
**Doctor professor**

Mr. Wu has extensive experience in communications, IT architecture, cloud computing, big data technology development and management. He used to be the coordinator of Hughes Networks communication project, the head of Yahoo China product management, and the founding member of Alibaba Cloud OS.

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**Stephen Cone**  
**Doctor professor**

Professor of the Human Movement Development Center of Cleveland State University, member of the National Coach Education Certification Committee and review coordinator. She has 40 years of coaching experience. In addition, coach level 1 volleyball and basketball, level 2 tennis and volleyball as well as high school students' volleyball, basketball and athletics. At present, she mainly teaches primary and secondary school teaching courses for physical education majors, sports law, sports diversity and management of master's and undergraduate programs in track and field.

Professor of the Cleveland State University, director of the Sports Development Center. He has published more than 40 articles, research results, and chapters in the book, and has conducted more than 40 international and national lectures. He is the author of the IntraGross Motion Assessment O.S.U. classification and is also a member of the American team who wrote the APA national standard. Member of the International Federation of Adaptive Sports, an expert of the North American HPERD Association, a member of the SHAPE American Research Association.

Ph.D., Professor at Rowan University, USA. He is the former president of Shape America (formerly AAHPERD); the former president of the North American Association for Social Health, Sports, Leisure and Dance; the former chairman of the Eastern Alliance for Health, Sports, Leisure and Dance; the New Jersey Health, Sports, Former President of the Leisure and Dance Alliance; a member of the North American Society for Social Health, Sports, Leisure and Dance. He is an expert in organizational leadership, curriculum design and evaluation in the field of sports.

# Notes and Contact

## Compliance and operational risk

Compliance and operational risks refer to the risk of violating local laws and regulations in the process of recognizing funds and conducting business, resulting in the inability to continue operations. The hedging methods for compliance and operational risk operations teams are: • The operation team and the decision-making committee adopt a distributed operation method to eliminate single-point risks; • In the local business, we hire professional lawyers to design digital asset issuance, digital asset trading, blockchain finance, blockchain application and other aspects under the legal framework.

## Market risk

Market risk means that BodyOne is not accepted by the market, or there are not enough users to use it, business development is stagnant, and there is not enough profit to support it. The hedging methods for the market risk operation team are: • Share the BodyOne concept with the industry, learn from the experience of similar products, and optimize and improve BodyOne; use the experience accumulated by the founding team to quickly incubate the platform ecosystem and generate profits.

## Technical risk

Technology risk is a major problem with the underlying technology that causes the BodyOne platform to fail to perform as expected and critical data to be tampered with or lost. The hedging approach for the technical risk operations team is: • Use a framework that has been recognized and validated by commercial customers to develop a BodyOne system based on mature, open source, and secure blockchain technology; • The project team recruits sufficient resources to absorb More high-end talents in the industry join the development team, lay the foundation, replenish the strength, and draw on the mature development experience.

## Capital risk

The capital risk refers to significant losses in the project funds, such as theft of funds, loss of funds, and significant depreciation of reserves. The hedging methods adopted by the fund risk operation team are as follows: • The multi-signature wallet + cold storage method of the reserve fund is jointly managed by the decision-making committee. In the case of multiple signatures, when three directors are unable to perform their duties at the same time, reserve funds Will face risks; • The operation team has rich experience in risk control, which can effectively control the project risks and protect the fundamental interests of users.

## Disclaimer

This document is for informational purposes only and does not constitute an opinion of the purchase or purchase of BodyOne. The above information or analysis does not constitute an investment decision. This document does not constitute any investment advice, investment intention or instructed investment. This document does not constitute and is not to be construed as providing any purchase or sale 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 risks of BodyOne, and once they participate in the investment, they understand and accept the risk of the project.

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other relevant laws, and the above information or analysis does not constitute investment decisions or specific recommendations.

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All of the revenue and profit examples in this document are for demonstration purposes only, or represent industry averages and do not constitute a guarantee of user participation in the results.

BodyOne clearly stated that the intended users clearly understand the risks of the platform. Once the investors participate in the investment, they will understand and accept the risks of the project and will be willing to personally bear all the corresponding results or consequences. BodyOne expressly disclaims any direct or indirect damages from any participating programs, including: (i) This document provides reliability of all information; (ii) any errors, omissions or inaccuracies arising therefrom; (iii) or any resulting behavior.

BODY is a digital token that is one of the scenes used by the BodyOne ecosystem. BODY is not an investment. We can't guarantee that BODY will add value, and it may also have a value drop in some cases. The goals listed in this white paper may change in the light of unpredictable circumstances. While the team will strive to achieve all of the objectives of this white paper, all individuals and groups that purchase BODY will do so at their own risk. BODY is not a kind of ownership or control. Controlling BODY does not represent ownership of BodyOne or its applications, and BODY does not grant any individual the right to participate, control, or make any decision about BodyOne and its applications.

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