

The logo features a blue circle containing a white stylized 'B' with a yellow and orange gradient bar on its left side. To the right of the circle, the letters 'B O B' are written in a large, blue, sans-serif font. The background is a dark blue space scene with a glowing nebula and a network of white lines connecting blue dots.

# BBOB

THE WORLD'S LEADING ECO PLATFORM FOR  
CLOUD COMPUTING MINING

WHITE PAPER

04.2021

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# PREFACE

Digital currency has become the hottest investment darling in the world today. Bitcoin, with its decentralized issuance, asymmetric encryption algorithm, maximum of 21 million coins, multi-node distributed bookkeeping, transaction anonymity, etc., has been entrusted with the faith of countless funds and participants during the 10 years since its birth. Its price has increased millions of folds, reaching a maximum of US\$60,000 a coin at times, and is becoming an increasingly important value marker in the global economic and political situation. It is becoming an increasingly important value object with unlimited financial growth prospects.

There are only four ways for investors to obtain digital currencies through investment: ICO, futures, mining and the secondary market. However, except for mining, there are more or less huge risks in the other three ways. Mining is the only way to go through bear and bull markets with stable returns and controllable risks. It is the most worthwhile way to invest.

As the number of people mining increases, the difficulty of mining gradually increases too, and cloud computing power mining has also taken off. Cloud computer power mining has the advantages of building large clusters of mining machines, overall management of power supply, professional bandwidth and mining machine operation and maintenance. In the next three to five years, the majority of mining machines will be placed in professional hosting farms, where corporate, professional teams will be responsible for finding low-cost energy and managing and maintaining the mining machines, ushering in a comprehensive and profound change in the cloud computing market.

For the time being, cloud computing is a new type of bitcoin mining that has the advantage of lowering the threshold for bitcoin mining, allowing more investors to participate and earn a higher rate of return. On balance, Bitcoin mining remains a profitable industry. And cloud computing is one of the most appropriate ways for the average investor to participate in bitcoin mining.



# CHAPTER 1 OUR VISION

As the world's leading one-stop blockchain computing power cloud platform, BOP will, in the future, provide multi-currency mining services mainly for BTC, ETH, FIL and BOP, based on coin management through mining, expand the commercial application scenarios of the platform coin BOP, and create a global diversified industrial ecosystem around mining.



Build the world's largest blockchain cloud computing platform and the world's largest blockchain mining farm to reduce mining costs, expand mining revenue and provide the highest quality mining services to miners worldwide.

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Expand the scope of multi-currency mining, accessing more mainstream coins and value coins, allowing miners to increase their investment options and eliminating the need to mine through multiple platforms.

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Lay out the global mining industry chain through mining farms, such as hosting and operation and maintenance of mining machines, standardized construction of global mining farms, mining pools, digital currency cold wallets, public chain development, exchanges, and digital currency management.

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Develop more business application scenarios around the platform coin BOP enhance the value of BOP through applications, and make BOP an indispensable currency in people's daily lives.

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Establish an innovative mining and social investment community to disrupt the traditional asset management model. Break the high investment threshold, low transparency, no interaction and high management fees of traditional asset management.

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Establish a global financial ecosystem. Connecting global exchanges, top banks, large financial institutions, etc., linking on and off-exchange markets. Use blockchain's features such as de-credibility, immutability and traceability to improve the transparency and traceability of financial transactions and avoid financial fraud.

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Provide innovative financial trading products and services, such as the creation of the world's first digital currency index and ETFs and index futures/options that track the index, structured leveraged funds that incorporate digital currency assets, digital currency futures and options, and financing and coin financing, etc.

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Addressing the problems of cross-border payments, illiquidity in financial markets, KYC, cross-border financial regulations, etc.

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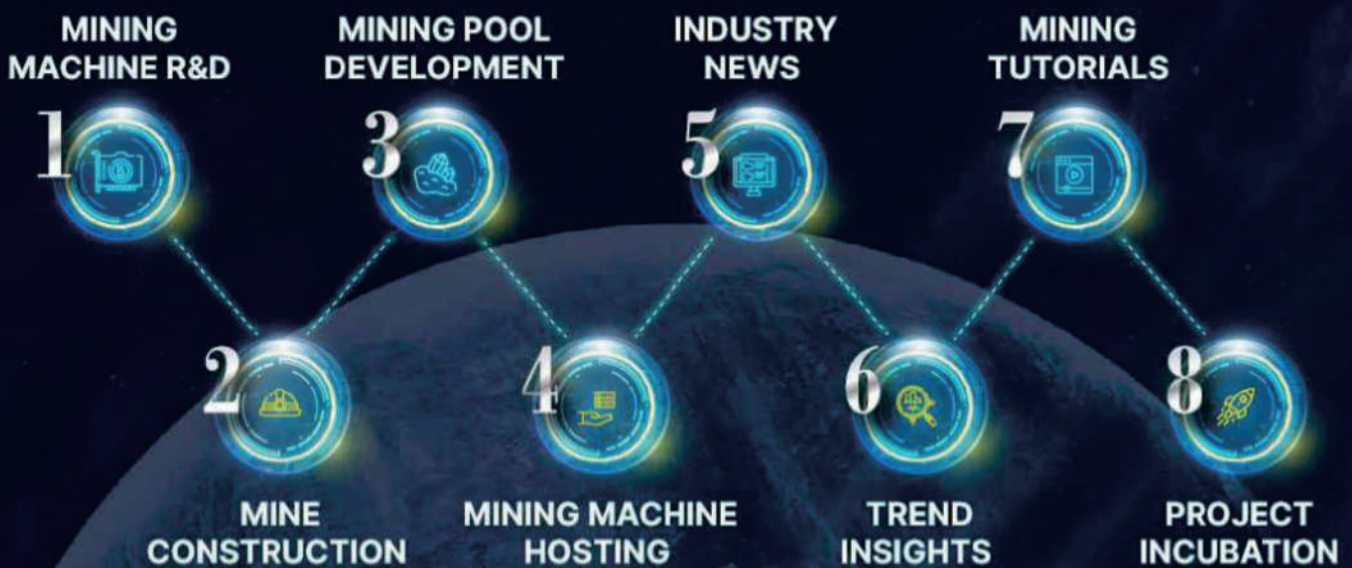


# CHAPTER 2 BOP

## 2.1 Introduction to BOP

On January 10, 2019, North America Zike International Group (NAZK) established a sub-brand in Boston, Massachusetts to lay out the blockchain mining industry, and Planet Mining Pool (BOP) was born. BOP is the world's leading one-stop blockchain computing power cloud platform, initially mainly providing BTC, ETH, FIL and BOP, as well as digital asset management services and enterprise-level public chain application development services and building a mining business ecosystem with mining farms as the core.

In essence, BOP is a new mining company focusing on cloud computing power, mainstream coin mining and other solution customizations. With professional services, a good reputation and prestige, BOP has won the trust and support of global customers. BOP's directly owned and invested mining farms are located in Canada, the United States, Russia, Kazakhstan, Norway and other places, with a continuous supply of electricity throughout the year, a power supply capacity of 220 MW, and can accommodate 60,000 mining machines for mining at the same time. Taking advantage of its mining resources, BOP Mining has created its BOP cloud computing platform.



In 2020, BOP ushered in a new brand strategy upgrade, based on cloud computing power mining as the core, officially entering the whole industry ecosystem chain of mining, comprehensively laying out wallet, exchange, public chain, finance and other services, aiming at building an unprecedented blockchain cloud computing power mining eco-platform based on the platform coin BOP, and providing the best quality and most comprehensive mining services for miners worldwide.

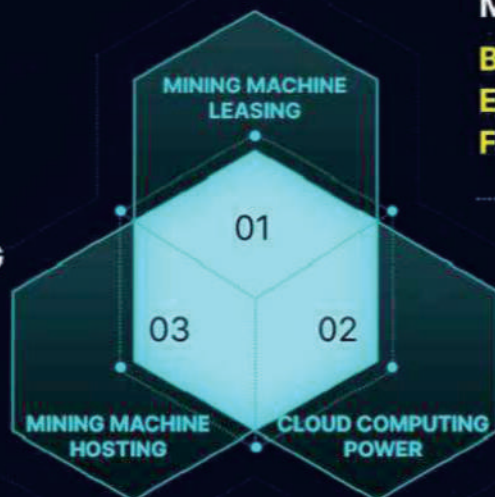


## 2.2 Core Business Mining Services

BOP's core business remains to provide the best mining services for miners, which is the fundamental starting point. BOP provides one-stop services for the development, production, sales and operational management of mining machines, with a top multinational R&D team and independent intellectual property rights, offices around the world and a comprehensive agent sales system.

### MINING MACHINE HOSTING

1. Hosted Mining
2. Hosted Operations and Maintenance
3. Hosted Transaction Follow-Up



### MINING MACHINE LEASING

- BTC** Mining Machine Leasing
- ETH** Mining Machine Leasing
- FIL** Mining Machine Leasing

### CLOUD COMPUTING POWER

- BTC** Cloud Computing Power
- ETH** Cloud Computing Power
- FIL** Cloud Computing Power

### 2.2.1 Customer Solutions

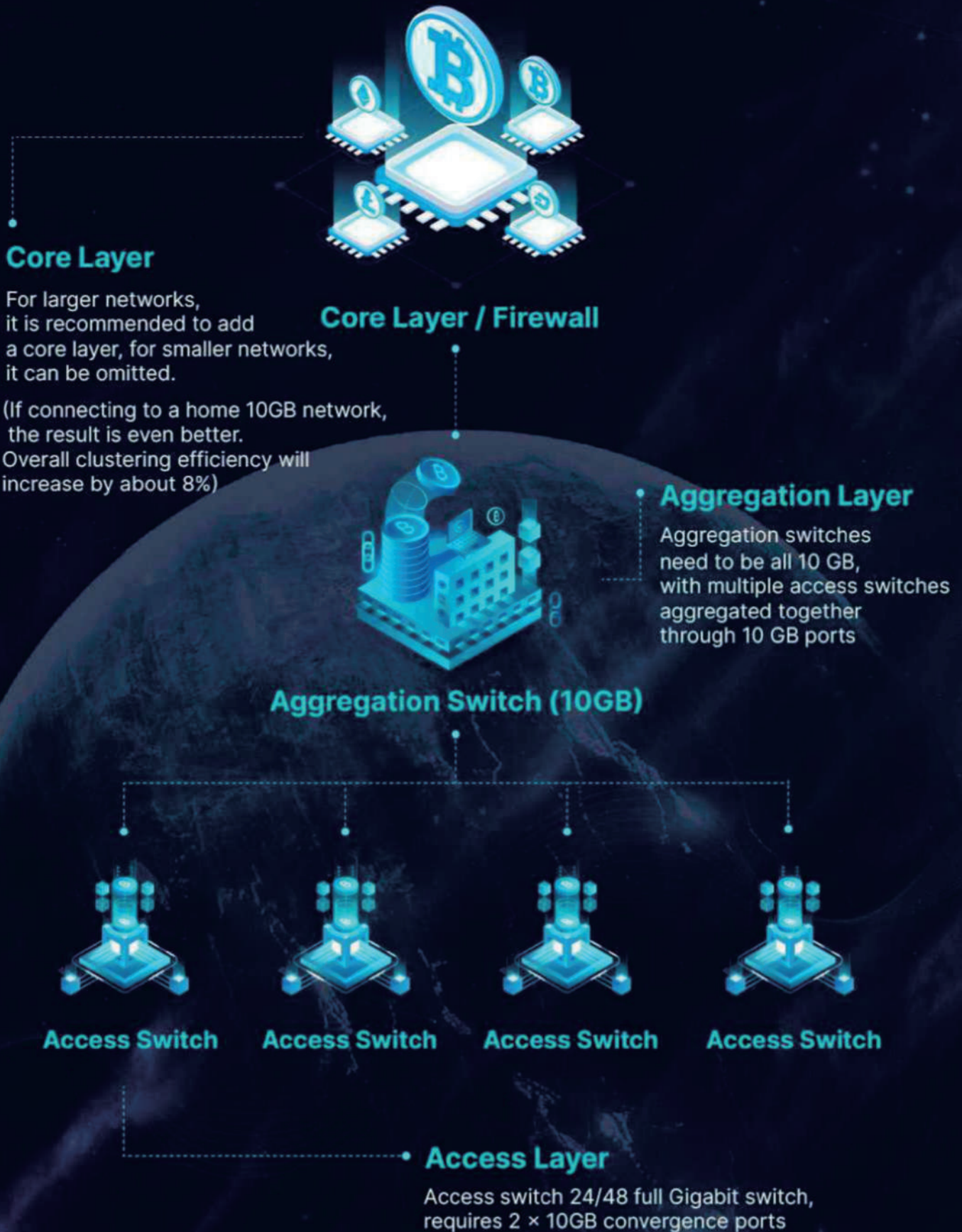
BOP's aim is to provide customers with customized mine construction solutions to achieve the most efficient output at the lowest cost. In addition, it also provides customers with a full industry chain solution. If a mining machine cannot mine coins, BOP will help customers deploy it remotely for free to solve the problem; if the mining efficiency is low, BOP will help customers deploy it remotely for free, which can improve the mining efficiency by 60%-600%.

#### Integrated Mining Pool Solution



## BOP's Integrated Solution for Mining Pools

In terms of storage, BOP adopts ceph distributed storage technology to achieve high availability and high reliability of data access, laying the foundation for achieving long-term stable data online, and can flexibly expand storage capacity, thus meeting the requirements of a high-quality cloud computing platform.



## 2.2.2 Mining Machine Leasing Solution



### BTC Mining Machine Leasing and Computing Power Table

MINING MACHINE CONFIGURATION	PRICING U	BTC (24H)	NUMBER OF CONTRACT DAYS	TOTAL OUTPUT (PIECES)	TOTAL YIELD U (AT CURRENT PRICES)	TOTAL YIELD U (AT FORECAST PRICE)	PROJECTED NAP PAYBACK TIME	OTHER COMPANIES PAYBACK TIME
<b>0.75T</b>	55	0.000004705	6 Yrs (2190 Days)	0.007686024	439.9326417	7686.024	224 Days/128 Days	231 Days
<b>1.5T</b>	110	0.000008775	6 Yrs (2190 Days)	0.0153738	879.9655644	15373.8	219 Days/118 Days	225 Days
<b>15T</b>	1000	0.00008875	6 Yrs (2190 Days)	0.153738	8799.655644	153738	119 Days/107 Days	219 Days
<b>40T</b>	2500	0.000234	6 Yrs (2190 Days)	0.409968	23465.74838	409968	187 Days/101 Days	211 Days
<b>150T</b>	8800	0.0008875	6 Yrs (2190 Days)	1.53738	87996.55644	1537380	175 Days/94 Days	204 Days
<b>700T</b>	38000	0.004095	6 Yrs (2190 Days)	7.17444	410650.5967	7174440	162 Days/87 Days	199 Days

Note: This table is based on the current market price of 37,502 USDT for BTC, which has stabilized at 50,000 USDT; BTC is forecast to reach 1 million USDT in 2026.

### ETH Mining Machine Leasing and Computing Power Table

MINING MACHINE CONFIGURATION	PRICING U	ETH (24H)	NUMBER OF CONTRACT DAYS	TOTAL OUTPUT (PIECES)	TOTAL YIELD U (AT CURRENT PRICES)	TOTAL YIELD U (AT FORECAST PRICE)	PROJECTED NAP PAYBACK TIME	OTHER COMPANIES PAYBACK TIME
<b>4MH</b>	87	0.0002	6 Yrs (2190 Days)	0.3504	710.6112	1347.288	214 Days/115 Days	423 Days
<b>40MH</b>	870	0.002	6 Yrs (2190 Days)	3.504	7106.112	13472.88	214 Days/115 Days	401 Days
<b>100MH</b>	1900	0.005	6 Yrs (2190 Days)	8.76	17765.28	33682.2	187 Days/101 Days	374 Days
<b>500MH</b>	9000	0.025	6 Yrs (2190 Days)	43.8	88826.4	168411	178 Days/96 Days	339 Days
<b>2000MH</b>	33000	0.1	6 Yrs (2190 Days)	175.2	355305.6	673644	163 Days/88 Days	301 Days

Note: This table is based on the current market price of ETH at 1500 USDT, currently ETH has stabilized at 2000 USDT per unit; ETH is forecast to reach 3845 USDT per unit in 2023.



## FIL Mining Machine Leasing and Computing Power Table

MINING MACHINE CONFIGURATION	PRICING U	FIL (24H)	NUMBER OF CONTRACT DAYS	TOTAL OUTPUT (PIECES)	TOTAL YIELD U (AT CURRENT PRICES)	TOTAL YIELD U (AT FORECAST PRICE)	PROJECTED NAP PAYBACK TIME	OTHER COMPANIES PAYBACK TIME
<b>0.025T</b>	55	0.002289175	6 Yrs (2190 Days)	2.8032	708.7192402	8021.2692	136 Days/73 Days	103 Days
<b>0.1T</b>	220	0.0094451	6 Yrs (2190 Days)	16.5478152	2924.164424	16547.8152	132 Days/71 Days	94 Days
<b>0.4T</b>	870	0.0366268	6 Yrs (2190 Days)	67.81992	11339.50784	128340.3072	134 Days/72 Days	91 Days
<b>1T</b>	2000	0.094451	6 Yrs (2190 Days)	165.478152	29241.64424	165478.152	120 Days/65 Days	88 Days
<b>2T</b>	3900	0.188902	6 Yrs (2190 Days)	330.956304	58483.28848	330956.304	117 Days/63 Days	86 Days
<b>10T</b>	18000	0.94451	6 Yrs (2190 Days)	1654.78152	292416.4424	1654781.52	108 Days/58 Days	80 Days
<b>50T</b>	88000	4.72255	6 Yrs (2190 Days)	8273.9076	1462082.212	8273907.6	105 Days/57 Days	76 Days

Note: This table is based on the current market price of FIL at 23 USDT, which has stabilized at 100 USDT; FIL is forecast to reach 500 USDT in 2023.

## BOP Mining Machine Leasing and Computing Power Table

MINING MACHINE CONFIGURATION	PRICING U	BOP(24H)	NUMBER OF CONTRACT DAYS	TOTAL OUTPUT (PIECES)	TOTAL YIELD U (AT CURRENT PRICES)	TOTAL YIELD U (AT FORECAST PRICE)	PROJECTED BOP PAYBACK TIME
<b>0.1T</b>	87	0.540541584	6 Yrs (2190 Days)	947.029	947.029	94702.9	201 Days/140 Days
<b>1T</b>	870	5.40541584	6 Yrs (2190 Days)	9470.288	9470.288	947028.8	201 Days/140 Days
<b>2T</b>	1550	10.81083168	6 Yrs (2190 Days)	18940.576	18940.576	1894057.6	179 Days/126 Days
<b>10T</b>	7200	54.0541584	6 Yrs (2190 Days)	94702.88	94702.88	9470288	166 Days/116 Days
<b>50T</b>	33000	270.270792	6 Yrs (2190 Days)	473514.4	473514.4	47351440	152 Days/106 Days

Note: This table is based on the current market price of 1 USDT for BOP, which is forecast to reach 100 USDT in 2021.



## 2.3 Core Strength



### 2.3.1 Group Strength

BOP's parent company is North America Zike International Group (NAZK), founded on June 8, 2009 and jointly launched by top US and Canadian investment institutions (CIBC, Scotia Bank, National Bank, BlackRock, Houlihan Lokey, etc.), mainly in the fields of life science and technology, artificial intelligence, space exploration and blockchain, with sub-sectors including anti-cancer drug research and development, biological vaccine development, gene sequencing, high-end precision instruments and equipment, AI chips and big data analysis, space satellite applications, launch vehicle application development, blockchain mining, computing power server, computing power cloud, etc.



Patent Certification      Business License      CE Certification      MSB License

BOP has passed the US Department of Commerce Patent Office certification and the European Union CE certification, and has a US business license and MSB financial license, and has created brilliant achievements in the four fields of life technology, artificial intelligence, aerospace exploration, and blockchain.

# Brilliant Achievements of NAZK



## A Leading-Ddge Institution in the Field of Life Science and Technology

Since its establishment in 2009, adhering to the mission of "life science for the benefit of mankind", NAZK has been leading the development of life science innovation with its integrated development model of "industry-academia-research". It has established extensive cooperation with all parties in the industrial chain, through its offices in more than 100 countries and regions around the world, to apply cutting-edge multidisciplinary research results in the fields of healthcare and life sciences, and provide independent and controllable advanced equipment, technology and solutions, thereby effectively promoting the transformation of medical science and technology and bringing the benefits of life sciences to mankind.

## A Leading Brand in Artificial Intelligence

June 2010 released its first self-developed AI chip.

In 2015, received strategic investment from BlueRun, DFJ and General Atlantic, and was introduced as a key project to Silicon Valley, the city of technology.

In 2016, several of its self-developed chips went into mass production; in 2018, two patents were granted for big data algorithms.

In 2020, AI chip products and data services were available in more than 80 countries and regions around the world, and it has established good business customer bases in the US, Canada, Sweden, Iceland and other countries and regions.



## A Pioneer in the Field of Space Exploration

In May 2013, it developed and launched various types of satellites, meteorological satellites, navigation satellites, remote sensing satellites for earth observation, etc.

In August 2019, it spent US\$150 million to develop the third generation of the US GPS navigation system, which is three times more accurate in positioning and eight times more resistant to interference than the previous GPS system.

In July 2020, a new GPS satellite was successfully launched using a Falcon Six rocket. It can communicate with other satellites and has a longer lifespan than previous satellites, lasting up to 12 years.

## A Prominent Miner in the Blockchain Sector

In January 2019, it established the sub-brand BOP to layout the blockchain mining industry.

In March 2019, it signed a memorandum of purchase for 6,000 Bitcoin miners, 5,700 Litecoin miners and 13,000 Ether miners.

In September 2019, it purchased additional bitcoin miners including different brands of bitcoin miners such as Bitmain, Avalon and Sleipnir, with a total of 10,489 units and a total computing power of approximately 251PH/S.

In January 2020, the signing of a US\$25 million Filecoin mining cluster and technical cooperation agreement.

In August 2020, purchase of an additional US\$33 million of ZEC miners.



## 2.3.2 Team Strength

BOP's core team covers industry elites from the fields of banking, finance, blockchain, cryptocurrency, online payment, IoT, cloud computing and consumer electronics from around the world. The number of core management has exceeded 50 and the size of the technical and operational teams worldwide will soon exceed 500.

### Core Leaders



**Sherman SHEN**

Professor of the University of Waterloo, the world's top artificial intelligence computing power expert, and an internationally renowned scholar in the field of communication networks. He has served as a member of the Supreme Executive Committee of the IEEE Communications Society and the chairman of the Wireless Communication Committee, the chairman of the top international conferences such as ACM Mobihoc and IEEE Infocom, the chairman of the field and the chairman of the technical committee, and the editor-in-chief of many international authoritative journals such as IEEE, IET, Springer, etc.



**SIMONA GOLDS**

**Anil K. Jain**

Distinguished Professor at Michigan State University, where he conducts research in pattern recognition, machine learning, computer vision, and biometrics. He is a member of the Defense Science Council and the Forensic Science Standards Committee. He has served as Editor-in-Chief of IEEE Pattern Analysis and Machine Intelligence Transactions and is a Fellow of ACM, IEEE, AAAS, and SPIE. Jain is a member of the US National Academy of Engineering (NAE), a foreign member of the Indian National Academy of Engineering (INAE), and a member of the World Academy of Sciences (TWAS).

### 2.3.3 Hardware Strength

BOP has cooperated with Foxconn to build the strongest hardware technology package in the industry and has a complete industrial manufacturing base; BOP mines are designed using the Antbox mobile mining standard, which fully reduces the possibility of mining machine failures, protects the interests of customers, and ensures the maximum life of mining machines.

In addition, BOP also has a 7-star IDC server room, 24-hour hosting professional server room, constant temperature, humidity, pressure and electricity, and a 3T+ network configuration, which can provide miners with the best quality mining services.

### 2.3.4 Software Strength

BOP has the world's exclusive mining pool algorithm technology, which can modify the underlying algorithm to reduce network bandwidth and disk IO, and increase asynchronous read/write and transmission, reducing network bandwidth by 65% and reducing disk read/write IO by 174%. In the three processes of P1, P2 and C2, which are time-consuming to split data sealing, it can allow different processes to be accelerated by different machines, increasing efficiency by 287% compared to the standard sealing process. The hardware enables multi-level acceleration, disk read and write to bare devices and increases secondary cache capacity, increasing disk throughput by 2-3 times and extending disk life by 31%.

### 2.3.5 Technical Strength

In terms of technology, BOP is also far ahead in the industry. BOP builds its own mining farms, has a large-scale array of mining machines and many years of mining experience; users can purchase cloud computing power through the network remote mining. The nature of the mining industry is obvious, and the certainty is higher; it strictly follows the input-output ratio of the industry, and thus speculation risks and various uncertainties are less. At the same time, BOP supports the one-stop service management of blockchain digital assets, operating a full range of services such as mining, coin deposit and interest management, asset management, etc.

1

#### Customization

Deep level customization can be done for any hardware configuration to improve efficiency by 60%-600%

2

#### Zero Threshold

Free remote deployment and operation and maintenance, \$0 to experience the technical strength

3

#### High Yield

Share the revenue with big miners, pay by the day, open and transparent

4

#### Cross-Territory

Remote access across geographies, low network access requirements

5

#### Scalability

The same node is infinitely scalable, enabling super cluster nodes

6

#### Strong Stability

Highly available and dynamic load, 7×24 professional operation and maintenance team

## 2.4 Core Advantages



### 2.4.1 Technical Advantages

#### World-class Team Development

Developed by the world's top Planet Mining Pool technology team, it is a public chain platform based on the underlying blockchain technology.

#### New DPOS Consensus Mechanism

A completely decentralized governance structure, using the DPOS consensus mechanism for faster transaction processing and business value.

#### Leading-edge DEX Digital Financial Transactions

The North American ecosystem public chain has built the DEX trading model, which mainly serves the management of financial transactions such as digital currencies and digital commodities. It provides multi-currency exchange transactions BTC/USDT, BRC/BOP, ETH/BOP, FIL/BOP, etc.

#### One-stop Public Chain Application for The Whole Ecosystem

North America chain ecosystem public chain with DAPP, Token, pledge mining, on-chain trading platform, wallet, DEFI, Swap, side chain, through the technology of open source to achieve more landing applications, development of enterprise ecosystem blockchain, combination of cross-chain wallet, to create a super community, to form a closed-loop global business chain form model. The global launch will take place on April 1, 2021.

#### Highly Available, Turing-Complete Smart Contract System

The North America chain uses graphene technology to support million-level TPS, and the underlying technology is released through open source, with Turing-complete smart contracts and C/C++ DAPP programming, powerful enough to support millions of applications.

#### Disruptive Mining Model for DeFi Financial Lending Transactions

The North America chain believes that the blockchain revolution in the traditional banking industry has arrived and will promote a disruptive mining model for financial lending transactions in the Defi space.

## 2.4.2 Advantages of Revenue Guarantee

BOP is jointly co-founded by University of Waterloo, a senior academic institution in the United States, and has a strong financial product development team to design advanced financial products; it has a strong asset management team to create multi-channel efficient revenue sources, which can provide BOP with a continuous income guarantee.



## 2.4.3 Advantages of Mining Scale

BOP has 19 large blockchain mines around the world, deployed in countries such as Kazakhstan, Venezuela, Mongolia, the United States, Norway and India, with a total power supply capacity of 600 MW and 400,000 mining machines in operation, which can run over 800,000 units at the same time. The mines are equipped with cooling systems, intelligent monitoring systems, power distribution systems, machine room areas, integrated wiring systems, hot air return areas and lightning protection wiring systems.



# CHAPTER 3

## ECOSYSTEM LAYOUT OF THE INDUSTRY

The BOP industrial ecosystem is centered on three major blockchain integration ecosystems, including mining service ecosystem, public chain ecosystem and digital asset management ecosystem. At present, large blockchain mining farms have been set up in 19 countries around the world, and the number of mining machines running at the same time will soon exceed 800,000 units. Through continuous equipment and technology optimization, BOP's mining computing power and security level are already in the top 5% of the industry.

### BOP's Full Industry Ecosystem Layout

In addition to providing mining services, BOP will also connect various application scenarios such as pledges, payments, transactions, investments and lending through public chain technology, the digital asset management ecosystem and the BOP pass system, bringing all users a comprehensive one-stop service experience that is different from traditional blockchain projects, and ultimately building BOP into a core asset in the new era of digital economy.

### 3.1 Mining Service Ecosystem

Mining is a project where you can see real-time revenue every day, although the investment in all aspects is not small. Hardware facilities, software services and so on are indispensable, and often a good mining site can bring huge returns for investors. Mining is the basic part of BOP, and the entire ecosystem of the BOP platform is based on mining services, therefore, BOP mining services are particularly important.

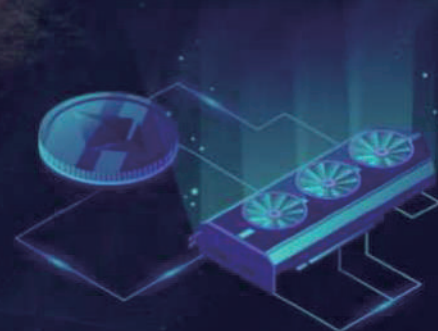
#### Global Mining Standardization

The future direction of the mining industry is the digitization of mining farms and the standardization of the industry; BOP currently has 19 large blockchain mining farms around the world with a total power supply capacity of 600 MW, and in the future BOP will provide standardized computing power products and pay out revenue in strict accordance with the theoretical revenue.



#### Mining Machine Hosting and Operation and Maintenance

BOP currently has 400,000 mining machines in operation and can run over 800,000 machines at the same time. We provide unified management and maintenance services for mining machines, with low power costs, stable power supply, high safety margins and a professional operation and maintenance team online 365\*24 throughout the year, to significantly reduce the failure rate and ensure efficient operation of mining machines.







## Mining Pool Construction

The BOP pool will be built into a comprehensive digital currency pool, with the goal of surpassing F2Pool and becoming the world's number one pool in terms of computing power.

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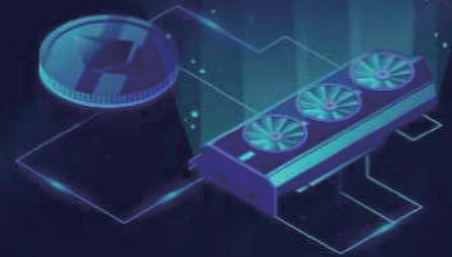
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## Mining Machine Development and Sales

Development of different types of mining machines and selling them. The types of mining machines for sale include mining machines currently in stock and those available in the future, including the latest and best deals on machines.

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## Mining Fund

Provides digital currency mining fund business for traditional funds.

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## Comprehensive Services for Miners

Provides comprehensive services for platform miners such as industry information, trend insights, mining tutorials, mining communities and more.

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## 3.2 Public Chain Ecosystem

In the future, PMP BOP will build its own public chain to provide the underlying technical support for the core mining service ecosystem, while PMP BOP coins will be issued based on the public chain and various commercial applications will be developed around the public chain, and global enterprises can develop their own DAPPs based on the PMP BOP public chain in the future.

The PMP BOP public chain is the core requirement for the future development of PMP BOP and is also the fundamental support. Mining assets, digital assets and physical assets will be guaranteed with maximum security, whether they are confirmed, chained or circulation based on PMP BOP. Not only that, PMP BOP public chain will also provide smart contracts, multi-chain parallelism, cross-chain consensus, on-chain big data module storage, off-chain applications, block fragmentation storage, fast application transfer and other operational mechanisms to reduce the development and use costs of traditional industries and the traditional Internet and realize the blockchain commercial application possibilities.

The PMP BOP public chain will be one of the top infrastructures of the commercial-grade blockchain, assisting the landing of blockchain applications.



### Better Support for Application Upgrades

Applications deployed on PC-based blockchains are scalable, meaning developers can deploy code fixes, add features or change application logic if they provide sufficient authorization.



### Higher Throughput and Scalability

PC is designed to achieve high transaction throughput. With the DPOS consensus mechanism, the PC blockchain network does not need to wait for all nodes to complete transactions before reaching confirmation status.



### Faster Confirmations and Lower Latency

To provide a good user experience, PCs are designed to have low transaction confirmation latency so that developers build applications that can compete with centralized Internet applications.



### Programmable Governance Mechanisms

The resource allocation and governance mechanisms on any PC blockchain are programmable. PC governance and resource allocation is controlled through smart contracts, and developers only need to modify the system smart contracts to change the PC blockchain's resource allocation and management rules. The necessary changes do not require changes to the underlying code, thus avoiding some of the risks associated with forks.



### Free to Users and Resource Tokenization

PC-based applications can be freemium, where users do not have to pay for the infrastructure in order to transact, and PC infrastructure resources are allocated through a token pledge mechanism. You pledge a certain number of PMP BOP tokens and receive a certain percentage of the resources.



## Better Account and Rights Management System

Unlike Bitcoin and Ether, where an account is a public-private key pair, you can create a username as an account through the PC network, and each account has multiple pairs of public-private keys, each of which can be assigned different permissions based on business needs. This makes it very convenient to develop applications for more complex permission control scenarios.

## 3.3 Digital Asset Management Ecosystem



Anyone can store and manage their own digital assets in BOP, as well as invest in other people's assets, and purchase a wide range of financial products and services such as global securities, futures, derivatives, digital currencies and funds through the platform coins. In the future, BOP can also incorporate your assets into the blockchain for digitization of assets, including cars, houses, petrochemicals, stocks and financial securities, coupons, digital collectibles and intellectual property, etc. Enjoying the tamper-evident nature of the blockchain itself, you can avoid the negative impact of third-party registrars.

### Cryptocurrency-Deposited Interest-Bearing

It is a one-stop computing power asset service product under North America Mining, mainly targeting users who prefer lower risk, stable income and long-term coin holding.

#### WEALTH MANAGEMENT PRODUCTS

CURRENCY SUPPORTED	30 DAYS (ANNUALLY)	90 DAYS (ANNUALLY)	180 DAYS (ANNUALLY)	CURRENT (ANNUALLY)	INTEREST GENERATION	PAYOUT METHOD
FIL	18.00%	24.00%	30.00%	10.00%	BOP	FIL
ETH	20.40%	26.40%	45.60%	10.00%	BOP	ETH
BTC	21.60%	27.60%	38.40%	10.00%	BOP	BTC
BOP	36.00%	54.00%	72.00%	15.00%	BOP	BOP

At present, it mainly supports the three major mainstream coins and platform coins and will gradually develop more mainstream coin interest-bearing services in the future.

## Digital Asset Cold Wallet

The BOP cold wallet supports most mainstream digital currencies. Depositing digital currency of 100 USDT sets up a standard account, with a minimum of 100 USDT for a single deposit or withdrawal, and a cap of 10,000 USDT for a single account. USDT can be transferred to the BOP wallet. Only BOP wallets can participate in BOP asset management and trading in the platform.

## Digital Asset Deposit

Users can deposit crypto-digital assets such as Bitcoin or Ether, which accrue interest, based on the amount of crypto-digital assets in the account each month. Their crypto-digital asset interest-bearing deposit accounts offer compound annual interest rates of 4% to 12%, two to three times the yield of US Treasuries and traditional US bank savings accounts.

## ATM Digital Asset ATMs

The market for encrypted digital asset ATMs is driven by users of crypto digital assets, some of whom want to be able to circumvent central bank regulations by using crypto digital assets. BOP will install ATMs in a number of large offline malls and shopping centers to provide users with digital asset deposits and withdrawals.

## P2P Lending

Crypto digital asset lending is a lending model that uses crypto digital assets as collateral to lend fiat currency or another crypto digital asset. BOP's crypto digital asset lending service focuses on obtaining loans through users' crypto digital asset deposits, which can better help companies and individuals within the crypto digital asset ecosystem, such as exchanges, project parties, crypto investment institutions, etc., by helping them obtain the required liquidity and thus enhance their asset management capabilities. For those who have difficulty in obtaining low-interest loans through traditional channels, crypto-digital asset lending serves as a financial inclusion tool.

## Encrypted Digital Asset Trading

The Crypto Acquisition Service supports various settlements between parties, providing direct person-to-person transactions where institutions or individuals from different countries can buy, sell, and exchange other digital currencies or fiat currencies (e.g. USD or EUR). It has a trading interface like a normal stock market trading, with K-line charts, a technical analysis interface, and the ability to place buy and sell reservation orders, similar to the stock market operation, making it easy to get started.

## Cross-Border Transfer Payments

The potential advantages of funds transfer through blockchain technology, especially in cross-border payment transactions, are particularly prominent, establishing direct interaction between cross-border recipients and payers, simplifying the processing process, achieving real-time settlement, improving transaction efficiency and reducing business costs, and promoting the development of cross-border payments in the commercial sector. Moreover, BOP adopts crypto digital asset payments with the lowest fees, instantly.

## Foreign Exchange Transactions

It completely solves the problem of transaction information and capital security of malicious tampering investment in foreign exchange trading, allowing users to directly access the interbank foreign exchange market, process orders and place them in the market to bypass intermediaries for trading, with increased asset security, which will further reduce transaction costs and enhance transaction efficiency.

## Digital Asset Storage and Exchange

Free storage of crypto digital assets on the platform and free exchange for other crypto digital assets or assets of value such as fiat currencies.

## Financial Management

Users can invest in other financial services on the platform, such as lending, forex trading, investment, etc.



# CHAPTER 4

## TOKEN ECONOMY AND APPLICATIONS

### 4.1 Token Issuance



**Planet Mining Pool (BOP) is the BOP platform Token, a value coin that can be used throughout the OMP cloud computing ecosystem and can be redeemed or traded over-the-counter for fiat currency at any time.**

BOP is the platform currency in the entire BOP ecosystem. In the future, it will also become one of the common currencies connecting the real world and the blockchain world. It can be used for the storage and management of encrypted assets on the chain, transaction settlement, and the performance of smart contracts. Any asset and data transactions of the company need to consume BOP. For example, BOP is used to deduct the transaction platform fee of North American mining, and BOP payment can be used in Peru Visa and APP applications. The main functions are as follows:

#### Community Incentive

BOP is used to incentivize community miners as well as developers.

#### Voting Rights

Major BOP resolutions will be voted on by BOP-owning supporters to produce results.

#### Value Added Services

BOP is used to purchase other value added services on the platform, purchasing membership levels, derivative products and other value added services.

#### GAS

as fuel for executing transactions or smart contracts on the BOP network.



## 4.2 Allocation Scheme

### Marketing & Promotion: 20%

Used to enhance BOP's international brand awareness, build brand trust through marketing, advertising and PR, and attract developers, miners and value investment users.

### Foundation: 10%

Used for BOP Foundation to attract, retain and motivate management, technical and marketing talents with strong experience in blockchain technology and the blockchain community to carry out project operation and maintenance management, establish a project operation and maintenance team with strong capabilities, and at the same time guarantee the security of the leading international project technology.



### Development Team: 10%

For the expansion and cultivation of the core development team of blockchain technology, and the establishment of R&D centers and technical research institutions around the world to conduct research cooperation on public chain performance technology.

### Mining pledge: 30%

This part of the tokens is generated by mining.

### Community Operation: 25%

Used to promote the activity of BOP partners and the speed of community fission.

## 4.3 Application Scenarios

BOP is the only passable digital currency within the eco-platform. Whether it is for mining, public chain development or digital asset management, BOP is required.



### Pledge Mining

BOP will set up a liquidity mining bonus pool. Users can deposit pledged coins into the decentralized trading platform to provide liquidity for the BOP pool, thereby obtaining BOP trading passes. By pledging BOP trading passes on the BOP pledge platform, you can participate in BOP liquidity mining.



### Investment and Storing Value

Users can use BOP coins to store or invest in other financial products on the platform to earn investment income.



### Leveraged Lending

Leverage other digital currencies by pledging BOP.



### Deposit to Earn Interest

Users can store their digital assets or earn interest by depositing mainstream coins, currently supporting BTC, ETH, FIL and BOP.



### Transfer for Payments

Users can transfer money for payment transactions and other actions through BOP.



### Flash Cash Withdrawals

Pay for the exchange and withdrawal between other digital currencies and BOP.



### Convenience Services

Users can use BOP to pay for everyday services in the same way as fiat money.

**In the future, BOP will also be developed for more application scenarios to achieve greater value output.**

## 4.4 Value Prospects

BOP is based on mining to create a comprehensive ecosystem for the whole industry, and through cloud computing power mining for coin value management, it will continue to develop commercial application scenarios for the platform coin BOP, allowing BOP to realize its value in the market. The BOP token, as the only coin in the ecosystem, will surpass Bitcoin in value and become the world's number one digital currency.

### The Only Token in the Ecosystem

The BOP token is the only coin in the ecosystem and will surpass Bitcoin as the world's number one digital currency.

### Limited Availability

BOP is a limited-edition, no-private-placement, never-to-be-issued-again digital currency that is benchmarked against Bitcoin.

### No Purchase

BOP is not available for purchase and can only be earned through the BOP platform's "mining" and "coin management" revenue settlement.

### Destruction Mechanism

BOP will be destroyed automatically at regular intervals using the deflationary economic model.





# CHAPTER 5 DEVELOPMENT PLAN

## 2021-2022

Launch of cloud computing mining

Provide mining machine rental

Provide trading service of arithmetic power

Launch of coin deposit and interest management

Financial products go live

## 2025-2026

Cloud computing experience reaches 10 million users covering 100 countries and regions worldwide

Each issue of Depository Coin Treasure will be sold out within 20 days

Average daily 24h transaction volume of decentralized trading platforms reaches at least US\$8 billion

## 2028

Become the world's leading one-stop blockchain digital asset management service platform

The annual revenue scale of the platform reaches US\$230 billion

Depository Coin Treasure is sold out upon opening annual sales reaching US\$20 billion

The average daily 24h transaction volume of the trading platform reaches at least US\$160 billion

## 2019-2020

Blockchain business license registration application

Organizational structure of the founding team and community members

## 2023-2024

Launch of liquidity mining

Offer collateralized lending

Launch of flash trading

Launch of quantitative funds

More financial products coming on line

## 2027-2028

Building a BOP value network

Successive expansion of the whole industry ecosystem

Strengthen ecosystem construction and achieve multi-business revenue growth in mining, digital asset management and public chain eco-foundation

Establish a full track layout of blockchain digital asset management services



# CHAPTER 6

## DISCLAIMERS AND RISK WARNINGS

### 6.1 Disclaimers

This document is for information purposes only and does not constitute an offer to buy or sell BOP shares or securities. Any such offer or solicitation will be made on trustworthy terms and as permitted by applicable securities and other relevant laws and the information or analysis does not constitute an investment decision or specific recommendation. This document does not constitute any investment advice, investment intention or solicitation of investment in the form of securities. This document does not constitute, nor is it to be construed as, an offer to buy or sell, or any solicitation to buy or sell, any form of securities, nor is it a contract or promise of any kind.

The BOP Foundation will act as an independent legal entity and will be solely responsible for organizing a team to develop, promote and operate the BOP project, and will accept donations or private placements in an appropriate manner from specific groups of people in accordance with the laws and regulations of the country in which it is located, and will not conduct public crowdfunding or public solicitation in certain countries due to restrictions on citizens or groups of people in countries with legal restrictions.

The revenue generated by the BOP Foundation will be used by the BOP Foundation primarily for technology development, community building, marketing, business partnerships, financial audits, etc.

It is likely that BOP will still be subject to questioning and regulation by authorities in different countries around the world. In order to meet and comply with local laws and regulations, BOP may not be able to provide standard services in some regions.

BOP expressly states that prospective users must be aware of the risks associated with the BOP platform and that by participating, participants understand and accept the risks of the project and are willing to personally assume all consequences thereof.

### 6.2 Risk Warning

The BOP Foundation makes no representations or warranties about the BOP public blockchain or BOP (in particular with respect to its merchantability and specific functionality) other than those expressly set out in this white paper. Anyone participating in the BOP donation/sale program and purchases should base it on their own knowledge of the project and coin, laws and regulations, and the information in this white paper. Without prejudice to the generality of the foregoing, all participants will receive BOP as is, after the launch of the BOP project, regardless of its technical specifications, parameters, performance or functionality.

The objectives and content listed in this white paper are subject to change and parts of the document may be adjusted in new versions of the white paper or other documents as the project progresses, and the team will make updates available to the public by posting announcements on the website or updating the white paper or other documents.

The Foundation hereby expressly disclaims and denies liability for:

(1) Any person who, at the time of purchase, violates any anti-money laundering, anti-terrorist financing or other regulatory requirements of any country.

(2) Any breach by any person of any representation, warranty, obligation, undertaking or other requirement under this White Paper at the time of purchase of BOP, and the resulting inability to use or access BOP.

(3) The termination of the sale of the BOP for any reason.

(4) The failure or termination of the development of BOP and the consequent non-delivery or inability to use BOP.

- (5) Delay or postponement of the development of BOP and the consequent failure to meet the schedule required in advance.
- (6) Errors, defects, flaws or other problems in the source code.
- (7) Failure, crash, paralysis, rollback or hard fork of BOP.
- (8) Failure of BOP to perform any particular function or suitability for any particular purpose.
- (9) The use of funds raised by BOP.
- (10) Failure to disclose timely and complete information regarding the development of BOP.
- (11) Disclosure, loss or destruction of BOP's wallet keys by any participant.
- (12) Default, breach, infringement, breakdown, crippling, termination or suspension of service, fraud, misuse, misconduct, failure, negligence, bankruptcy, liquidation, dissolution or winding up of BOP's third party distribution platforms.
- (13) Any discrepancy, conflict or contradiction between the contents of any agreement between any person and a third party distribution platform and the contents of this White Paper.
- (14) The trading or speculative conduct of any person with respect to BOP.
- (15) The listing, suspension or delisting of BOP on any trading platform.
- (16) The classification or deemed classification of BOP as a currency, security, commercial paper, negotiable instrument, investment or other thing by any government, quasi-governmental body, authority or public body to the extent that it is prohibited, regulated or restricted by law.
- (17) Any risk factor disclosed in this White Paper and the damages, losses, claims, liabilities, penalties, costs or other adverse effects resulting from or incidental to the occurrence of such risk factor.

In addition, there are a number of risks that the Foundation and the team have not yet mentioned or have not yet anticipated. To the fullest extent permitted by applicable law, the BOP Foundation and team will not be liable for damages and risks arising from participation, including, but not limited to, direct or indirect personal damages, loss of business profits, loss of business information or other financial losses. Participants are requested to fully understand the background of the team and the overall framework and thinking of the project before making a decision to participate, and to participate rationally.