



BIO PROJECT

White paper

BIO Project is a decentralized high-tech project that provides blockchain-based services so that developers in each industry can easily and conveniently apply it to lead the rapid spread of the integrity data ecosystem in various industries. Provides BRC-20 blockchain-based smart contract developed through its own technology through BITONE Platform, supports Web 3.0-based API and Unity 3D SDK for game industry, and provides NFT coin issuance service for offline industry We provide a variety of services based on blockchain technology.



ABSTRACT

"2DIVS" is an abbreviation of "Distributed Data Integrity Verification System". Although an enormous amount of data exists both online and offline in the world, most of them are stored in a centralized device. Therefore, the integrity of data only relies on statements from a company or an organization.

Even if the integrity of data was announced after being reviewed by a third party, the reliability of the data is not completely proven. Also, even when an expensive amount of money is spent on multiple organizations or auditors to prove if data is valid, it is not enough to give reasonable trust about the integrity of data to users. Therefore, the field of data proving is a necessary factor in various industries.

An offline vote consumes a lot of time and price to collect and verify the data. However, when the vote result does not match a voter's expectation, he/she sometimes does not trust the result. Also in the online game industry, as a user should challenge with a low probability to get a rare item when purchasing a random box, he/she sometimes requests the exact probability of the item. Due to the above matters, many countries open probability to the public and audit the data. However, because of the centralized process, a user has no choice but to accept the data without reasonable trust.

On the contrary, IFPS(Interplanetary File System) uses distributed storage which prevents monopoly of data and leading personal data protection. Many companies are adapting IFPS for the safety of data as well.



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PART 1.0 MARKET CONDITION

1.1. Global Data Generation

1.2. Global Data Security Status

1.3. Global NFT Market Scale

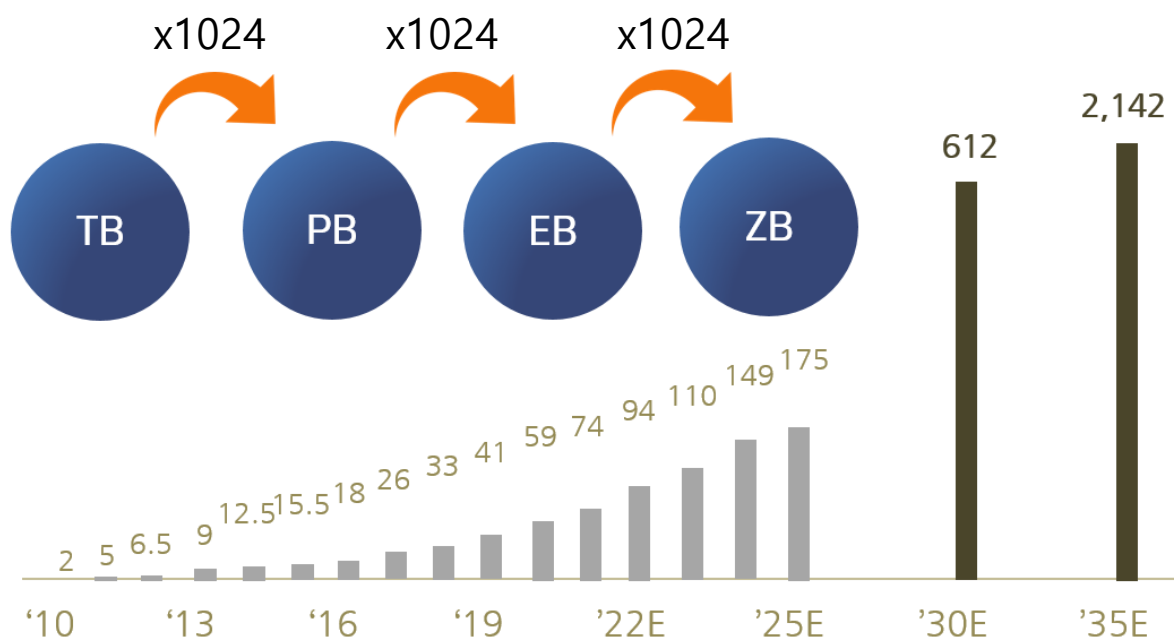


PART 1.0 MARKET CONDITION

1.1. Global Data Generation

The foundation of the 4th Industrial revolution starts with how fast can data be processed. For example, AI should learn and decide the enormous amount of **data**, IoT should refer, analyze and learn each device's **data** to provide the necessary information and a smart city needs training **data** for all the AI and IoT to be well managed. As a result, data usage is skyrocketing.

Average Data Generation Per a Day



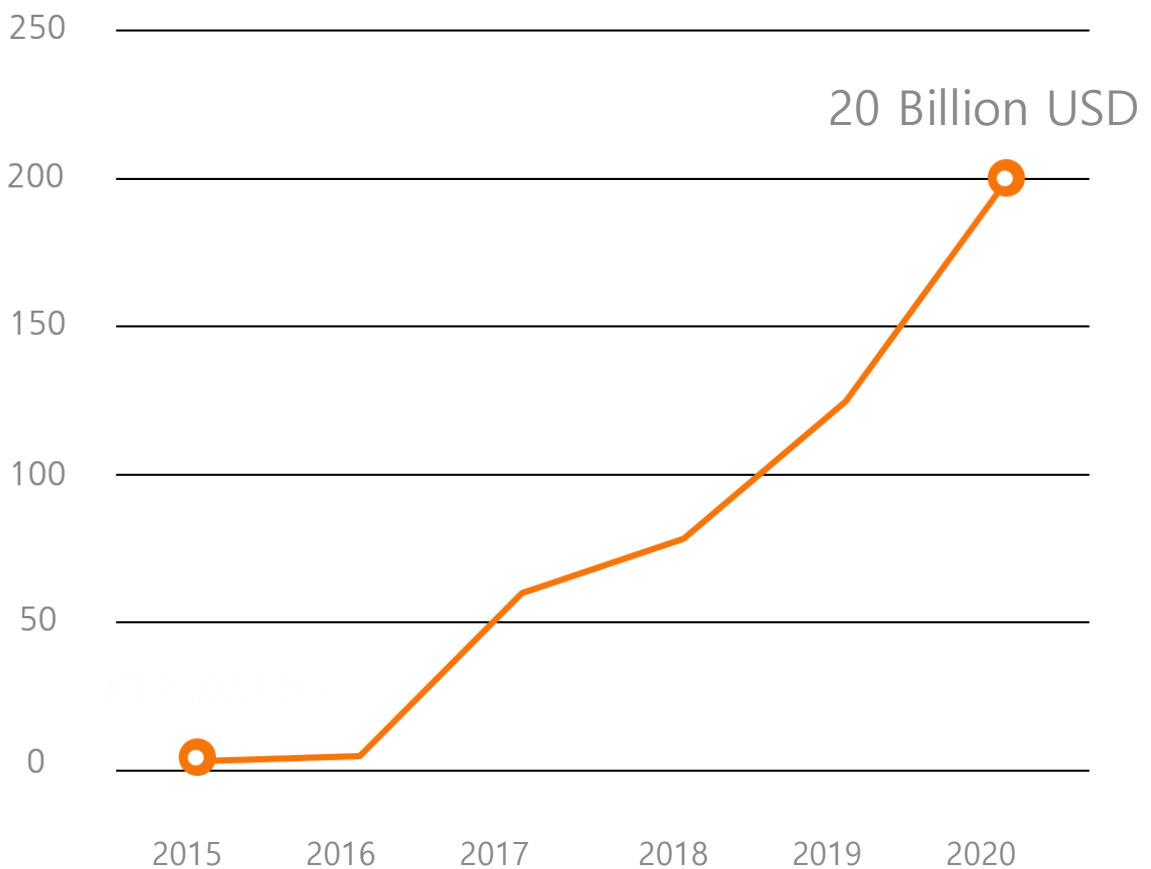


PART 1.0 MARKET CONDITION

1.2. Global Data Security Status

Because of a structural problem in centralized storage which saves and copies data in a single storage, it has been a long time since the problems of hacking attacks, data manipulation and leaks have arisen as a global issue. As a result, the cost of damage from ransomware is 20 billion USD globally, and the amounts are predicted to be getting larger in the future.

[Global Cost of Damage from Ransomware]





PART 1.0 MARKET CONDITION

1.3. Global NFT Market Scale

The NFT(Non-Fungible Token) market grew explosively in 2021. NonFungible.com, a specialized blockchain analysis company, reported total sales of NFT are counted as 5.7 billion USD which is 47 times more than the last year. NFT is not a physical product but more to a digital certification created with blockchain technology. However, on the market, various NFTs were traded with encouragement from cryptocurrency and metaverse fever, and some pieces from the well-known artists were sold for millions of USD in the auction, attracting attention from investors.

[Global NFT Market Size]



As the NFT market becomes the center of attention, investment in the related companies is continuing. OpenSea, the largest NFT marketplace in the world, got love calls from global investors including an investment of 23 million USD from Silicon Vally's iconic venture capital 'Andreessen Horowitz(a16z)'. Likewise, interest in the various NFT-related companies is continuously increasing.

Some views see NFT, in connection with WEB3.0 or metaverse services, as a future of online property rights. In addition to combining various methods using NFT, including but not limited to photos and videos, with the distribution industry, the growth and interest in new scalability which provides convenience and benefits to consumers by linking online and offline are drawing attention.

PART 2.0 BIO PROJECT INTRODUCTION

2.1. BUSINESS INFORMATION

2.2. BIO Coin INTRODUCTION

2.3. BIO-Chain(Mainnet)

2.4. BIO-Wallet Platform FEATURE

2.5. Mining POOL (Staking Service)

2.6. BIO NFT Marketplace

2.7. P2E GAMES

2.8. BIO Coin Economy



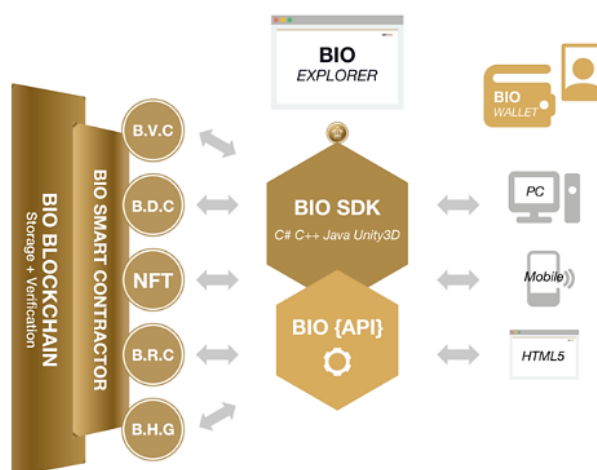
PART 2.0 BIO PROJECT INTRODUCTION

2.1. BUSINESS INFORMATION

About BIO(BITONE) Project

BIO Project is a decentralized high-tech project that provides blockchain-based services so that developers in each industry can easily and conveniently apply it to lead the rapid spread of the integrity data ecosystem in various industries. BRC-20 Mainnet, which was developed through its own technology through BITONE Platform, supports Web 3.0-based API and Unity 3D SDK for the game industry and provides NFT coin issuance service for an offline industry with a variety of services based on blockchain technology. The BITONE Project focuses on the use of practical technology that can be easily and quickly applied to real-world on/offline services when designing a completely decentralized data integrity verification technology.

Main Technology of BIO(BITONE)



"2DIVS (Distributed Data Integrity Verification System)"

- "2DIVS" is an abbreviation of "Distributed Data Integrity Verification System".

※ IPFS (Interplanetary File System) is a protocol for storing data in a distributed file system and sharing it over the Internet. Since numerous distributed nodes around the world store the information, users can store and retrieve data with a much faster speed than the existing HTTP method by using IPFS.



PART 2.0 BIO PROJECT INTRODUCTION

2.2. BIO Coin INTRODUCTION



BIO Coin(BITONE) is issued and managed by BITONE Foundation and is used as a key currency for various services provided on the BITONE Platform. Also, BIO is not only used as original technology composing BIO Blockchain Mainnet, which is developed by BITONE Foundation's technology but also building coin economy of various services managed by BITONE Foundation.

| | |
|----------------------|--|
| NAME : BITONE | SYMBOL : BIO |
| TOTAL : 23,500,000 | LISTED EXCHANGE: Lbank, XT.com, Coinsbit, DoubleSwap(DEX) and more |

✓ BIO Coin Features

- A cryptocurrency issued by BITONE Foundation based on Blockchain Mainnet.
- Exceptionally increased transaction speed with outstanding security through Mainnet with an independent ecosystem
- Safe transaction between BITONE Project members by using a decentralized BIO Wallet.
- Blockchain service with guaranteed credibility and safety from the smart contract based on Mainnet BRC-20.
- Making coin economy with a virtuous cycle structure, where advanced tech industry and various blockchain services coexist.



Building Blockchain Mainnet with
Fast transaction speed & advanced security

Key currency on
BITONE Platform

Providing a decentralized BIO Wallet
& Various on/offline services



PART 2.0 BIO PROJECT INTRODUCTION

2.3. BIO-Chain(Mainnet) FEATURE

BITONE Coin Holder can access 'BIO Scan' and find all information on block generation, Wallet App, White paper, Net Status, etc. And through Dapp development tech support, all projects participating in BIO-Chain Alliance will get proper support to manage diverse independent services.



01. BIO Coin Issuance & Management

- Building a blockchain ecosystem and coin economy through BIO Coin from BIO-Chain
- Used as a key currency within various services provided by the BITONE Platform
- The value of the BIO Coin will grow together with the BIO-Chain ecosystem



02. Decentralized Blockchain Data Integrity Verification

- Designing integrity verification technology based on the principle of the following: "information must be protected from intentional, unauthorized, and accidental alteration"
- Developing blockchain-based decentralized data integrity verification technology and applying it to BIO-Chain Mainnet
- Prevention of forgery and falsification of personal information of BITONE Project members and cutting off block data leakage



PART 2.0 BIO PROJECT INTRODUCTION

2.3. BIO-Chain(Mainnet) FEATURE



03. Various Entertainments & Investment Services

- BRC-20-based wallet service & various financial services
- Issue of exclusive NFT from BITONE Platform & Marketplace management



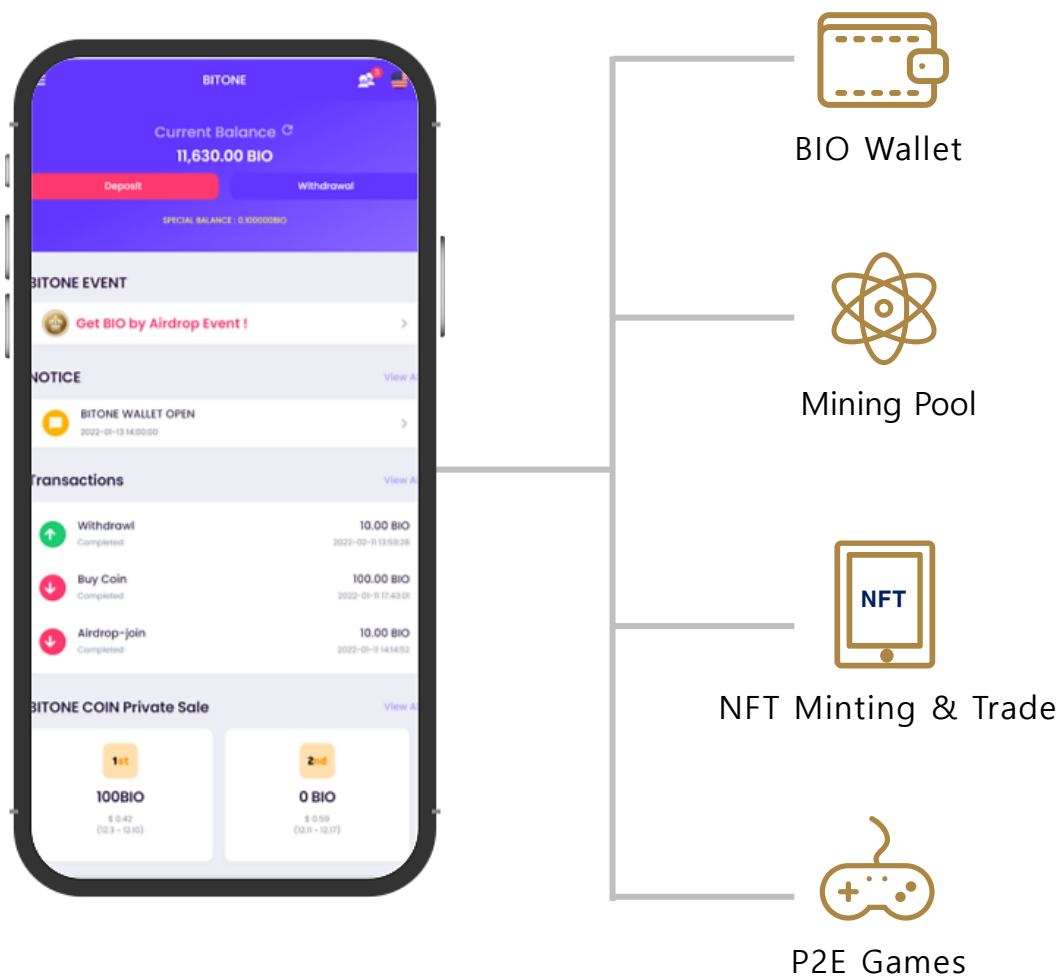
04. Expanding Blockchain Mainnet Project Ecosystem

- Providing BIO-Chain Mainnet based various new service planning & expansion of the ecosystem
- Supporting Dapps to form BIO-Chain Alliance for new blockchain project teams
- Acquiring trust from investors by proving BIO-Chain Mainnet's own technology



PART 2.0 BIO PROJECT INTRODUCTION

2.4. BIO-Wallet Platform



- **BIO Coin Deposit & Withdrawal**

Deposit and withdrawal, global exchange trading, and private trading of BIO Coin are available with a decentralized BIO Wallet.

- **Mining pool (Staking)**

Staking BIO Coin in the Mining POOL to gain interest.

- **NFT Minting & Marketplace Trading**

Issuing BITONE character to NFT and trading it between members.

- **P2E Games**

Providing various P2E(Play to Earn) games where a user can enjoy the game and receive rewards.



PART 2.0 BIO PROJECT INTRODUCTION

2.5. Mining Pool (Staking Service)

Staking means holding assets in a cryptocurrency wallet to support the operation of a blockchain network, which is a process of freezing cryptocurrency to receive rewards. BIO Coin can be rewarded through coin staking, and the amount of compensation is set in the PoS(Proof of Stake) method. In addition, PoR(Proof of Referral) and PoG(Proof of Group) rewards are provided as rewards for contributing to the expansion of the BIO ecosystem.

BIO Staking Service

Users of the BIO staking service can earn additional profits by depositing their BIO Coins for short-, medium- and long-term investments. And as the staking amount of BIO Coin grows, the trading amount will decrease, which will contribute to stabilizing the business and increasing the value of BIO Coin.

BIO Project Staking Program

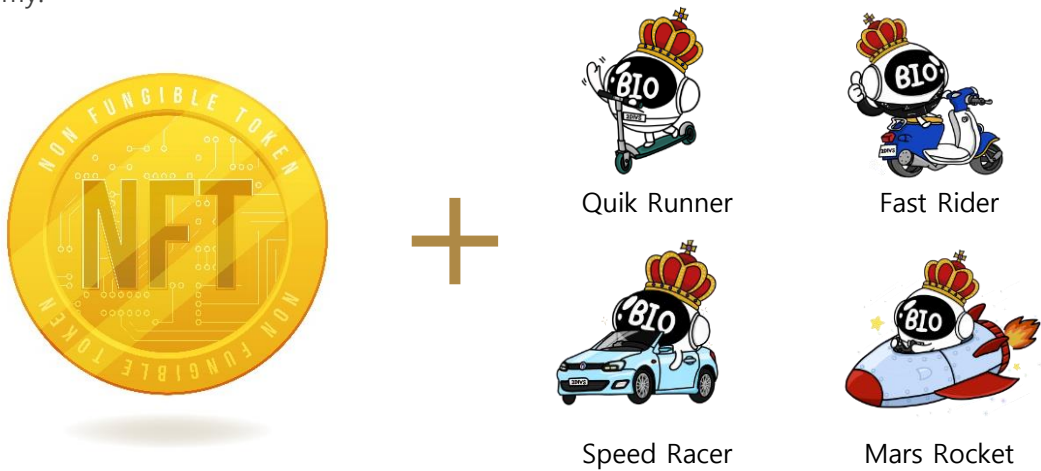
- 200 BIO are generated per day as a BIO Coin staking reward.
- 1 block is generated every 3 seconds, 0.0069 BIO is issued per block, and staking rewards are paid for a total of 50 years.
- There are a total of two halvings in 50 years. In the first year, 200 BIOs are issued per day. From the first halving, which will be 1 year later, 100 BIOs are issued per day. From the second halving, which will be two years later, 50 BIOs are issued per day.
- The BIO incentive POOL is composed of a Token POOL for circulation control proof, and each POOL has a different reward rate.
- The staking POOL is composed of a BRC-20 smart contract that processes rewards when deposited into the contract. Each contract composes Each POOL, and the rate management for each POOL contract is managed through the master contract.
- The amount of staking compensation is determined by the Pos(Proof Of Stake) method for the staking pool.



PART 2.0 BIO PROJECT INTRODUCTION

2.6. BIO NFT Marketplace

The BIO Project plans to launch the BIO NFT Marketplace through the two-level advanced development. Users can purchase copyrights for BIO character content and issue NFT coins of the character. The created NFT can be freely traded on the BIO NFT Platform(marketplace) by connecting sellers and buyers, and payment can be made using BIO Coin as the key currency. Through this, we will further improve the value of the content created in the BIO Coin ecosystem and expand the BIO Coin Economy.

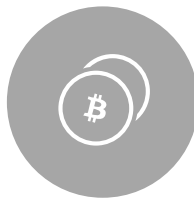


[BIO NFT Service Process]

① BIO WALLET Creation



② BIO Coin Deposit



③ Register NFT Contents Information



⑥ NFT Marketplace Trading



⑤ BIO NFT Marketplace Registration



④ NFT Coin Issuance & Minting Fee Payment





PART 2.0 BIO PROJECT INTRODUCTION

2.7. P2E GAMES

P2E(Play to Earn) game refers to a game in which users can earn coins or money while gaming. The BIO Wallet Platform provides a variety of P2E games. Users can enjoy the game and obtain bonuses, and the bonuses are changed into game points the next day and paid. Received game points can be swapped for BIO Coin at a ratio of 1:1.



Game Play

Get Bonus

Automatic change
to points

Point↔BIO Coin 1:1 Swap

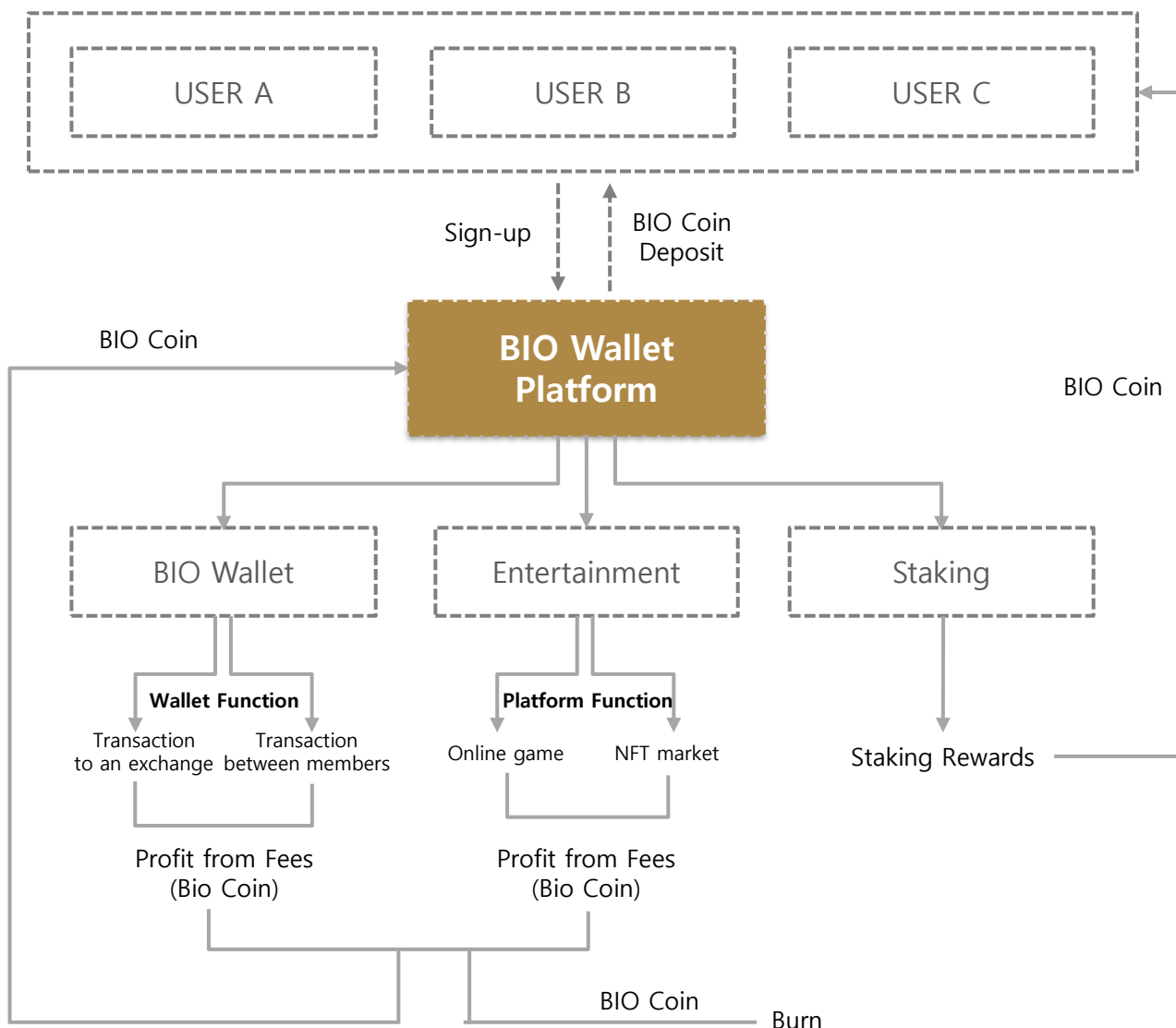


PART 2.0 BIO PROJECT INTRODUCTION

2.8. BIO Coin Economy

The process of the coin economy of BITONE business is 'BIO coin recharge > service use > collection (fee) > partial burn' through BIO Wallet, and through this ecosystem, the value of BIO coin is increased and service stability is maintained. In addition, to stabilize the value and liquidity of BIO Coin, we provide a staking service to BIO coin holders and give interest as a reward to stakers.

BIO Coin Economy

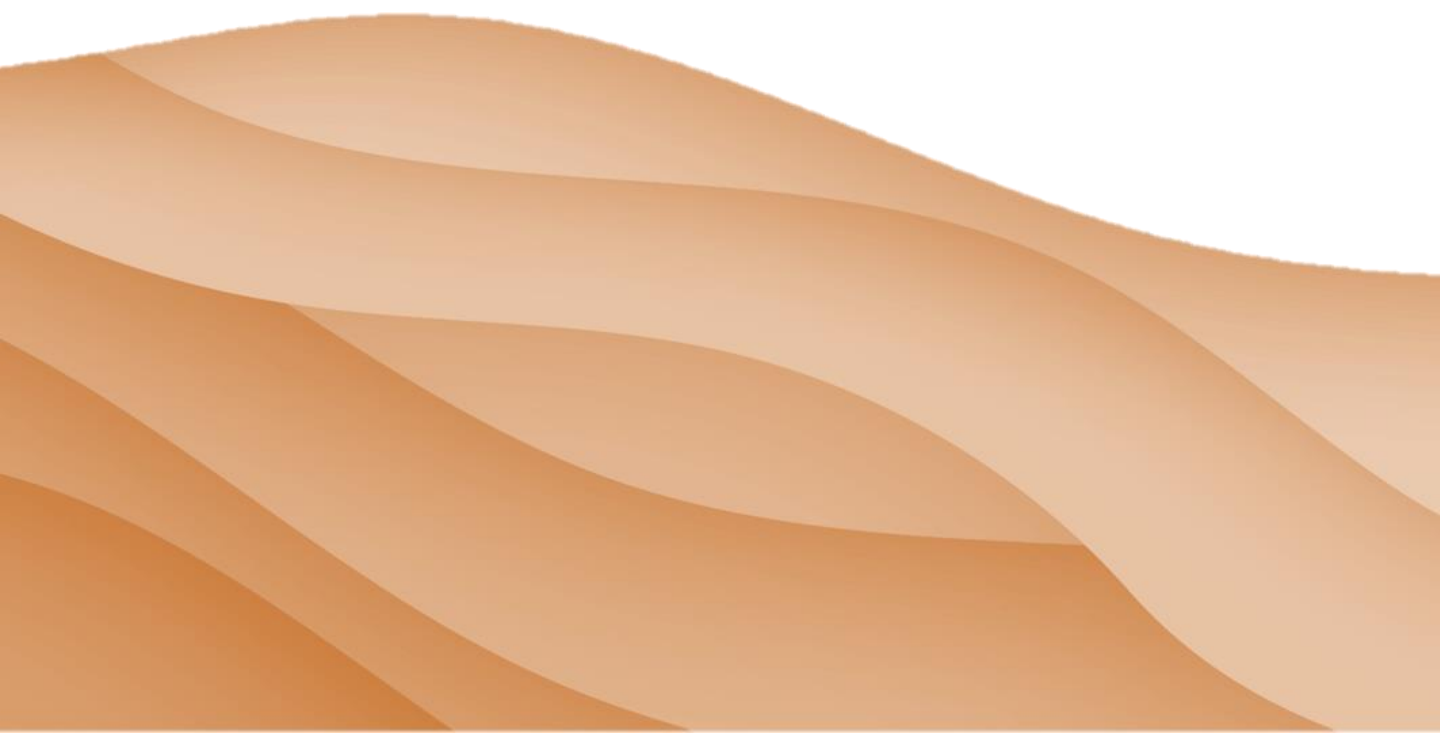


PART 3.0 BIO TECH

3.1. WHY, BLOCKCHAIN

3.2. Existing Limitations of Blockchain and BIO BRC-20

3.3. Tech Value Modeling





PART 3.0 BIO TECH

3.1. WHY, BLOCKCHAIN

The BIO Platform is based on a decentralized blockchain system and is a system based on trust and transparency which makes data manipulation by participants in the network impossible. To link non-quantitative customer data centered on human networks (Meta Vegas, Bio Wallet, BIO Platform, etc.) and information coupling within the ecosystem, the value of user data is prioritized in the existing asset trading market. The BIO project intends to create a "circular structure of issuance and distribution of coins" by using the blockchain and aims to secure the exchange value of assets in the platform and realizes a mechanism that gives benefits back to third-party providers and users, rather than a middleman, in the process of platform asset transaction and settlement.

3.1.1 Decentralization

The code and results generated by BIO SMART CONTRACT are open to the public. In addition, whenever a content event contract code (content registration, digital content linkage, payment, reward, revenue distribution, etc.) is made, the smart contract executes. Based on this, transparent historical information about the BIO service is provided. NFT minting information cannot be forged or manually manipulated when it is registered on the blockchain. So the information can be shared with members of the RAVR platform ecosystem, by ensuring sufficient information about the payment process and distribution.

3.1.2 TOKEN GENERATION

BIO Coin was structured by making the systematic decision on the usage of the coin and compatibility with BIO according to the contents type and the platform's needs. BIO Coins are used (1) for marketing purposes to secure early users, (2) to give compensation within the service, and (3) as a means of payment in the BIO ecosystem. The value of the platform is structured to increase the service demand when the use of coins becomes bigger. So naturally, when the value rises, the value of the BIO Coin will follow.



PART 3.0 BIO TECH

3.1. WHY, BLOCKCHAIN

3.1.3 Data Security

Since the information registered in the BIO blockchain is recorded in the distributed ledger, there is no issue of external interference factors (hacking, politics, centralization, etc) and it has the advantage of maintaining an independent network of the system itself. As transaction and RAVR event logic information can be shared through smart contracts, trust-based service operation is possible.



PART 3.0 BIO TECH

3.2. Existing Limitations of Blockchain and BIO BRC-20

BIO Mainnet aims to build an innovatively improved network that combines blockchain with services. To achieve this, BIO will implement its own Mainnet network to combine various functions of contents and services on the blockchain with applications for communication with the outside world.

3.2.1 Existing Limitations

When using a public blockchain, you can quickly implement the blockchain for service. However, most of the existing blockchains do not have a specialized technology to be applied to the game industry but rather have only a general-purpose. This combination of existing blockchains and games has a big problem with speed (e.g. Bitcoin can process 4 transactions per second) or lacks functionality to combine with application layer games. The ERC-20 coin was created to be used as a currency within various DApp services. However, the coin lacks scalability and is overly dependent on the Ethereum network. Considering Ethereum's slow network speed and high transfer fees, there are clear limitations in combining it with games.

3.2.2 BIO BRC-20

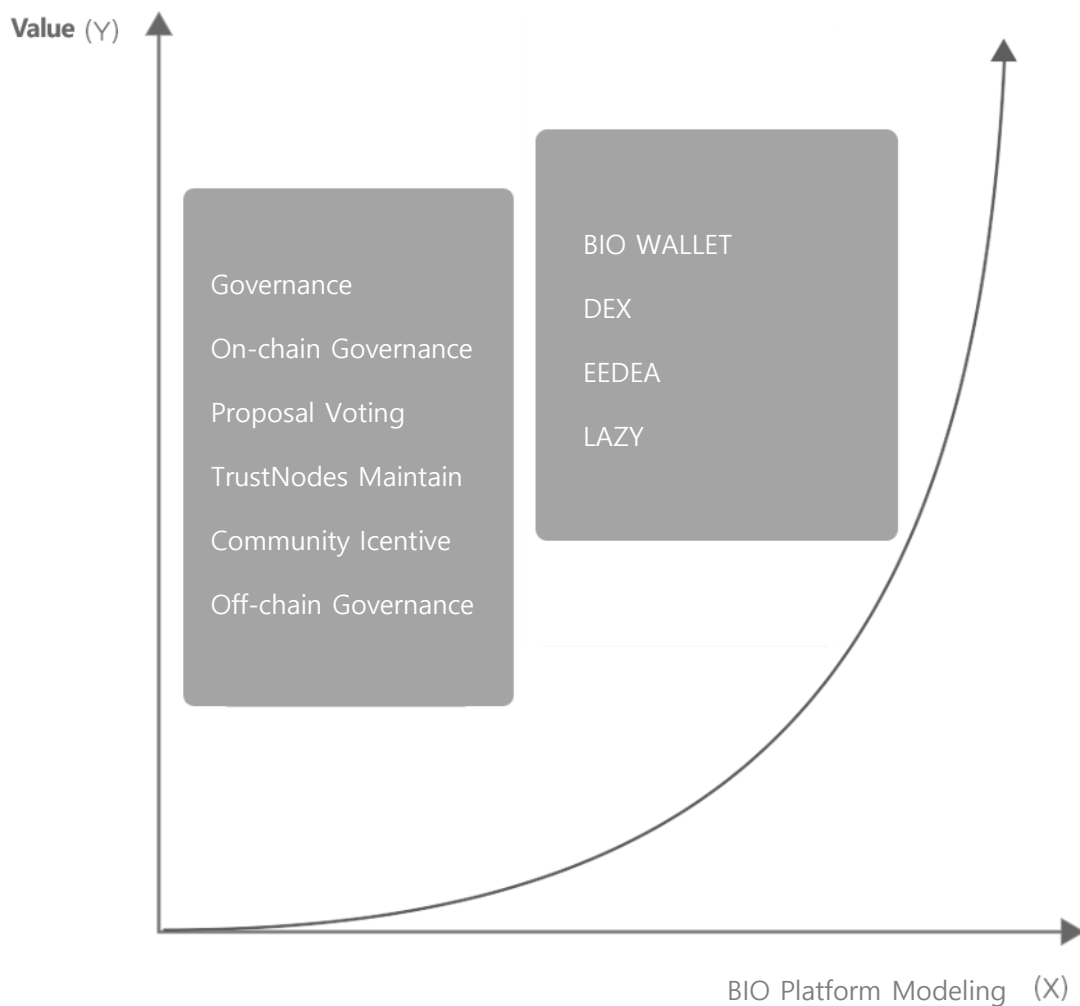
The BIO BRC-20 coin provides exactly the same benefits as the ERC-20 coin. However, unlike Ethereum, which often gets crowded and customers have to deal with high fees and terrible experiences, BIO-based coins offer a much more convenient solution. Just as Ethereum has its own technical ERC-20 coin standard, many blockchains have their own standard coin. In the case of BIO, the coins are programmed according to the BRC-20 coin standard. As a public blockchain, anyone can issue BRC-20 coins according to the same basic rules, and these coins can interact with other apps running on the BIO chain platform.



PART 3.0 BIO TECH

3.3. Tech Value Modeling

BIO Coin is a key asset for governance and application, with a total supply of 23,500,000. BIO is similar to Mainnet crypto business modeling (BTC, ETH, EOS, SOLANA, etc.). The figure below represents the business platform model of BIO and the upward curve of value. With the release of Mainnet in the future, general users will be able to access the BIO-Scan of 'Bio Chain' and check the record of block-creation. And in the future, they will be able to check the wallet app, white paper, list of bio-chain links, and Net Status. Through various DApps and technical support, we plan to support all projects participating in the BIONET Alliance to operate various services on their own, which will serve as a stepping stone for building a unique ecosystem of BIO.





PART 4.0 TOKEN DISTRIBUTION



PART 4.0 TOKEN DISTRIBUTION

| | | | |
|---------------------|-----------------|----------------|-----|
| TOKEN NAME | BITONE | SYMBOL | BIO |
| PLATFORM | BRC-20, Mainnet | DECIMAL | 18 |
| TOTAL SUPPLY | 23,500,000 | | |
| CA | - | | |

Allocation

| Contents | Quantity | Ratio (%) | Note |
|-------------------------------|---------------|-----------|--|
| Amount of Coin Before Mainnet | 19,914,500 | 1.00 | Presales, NFT Mounting, Mining, Airdrop, P2E |
| Mining POOL | 985,500 | 0.05 | 50yrs Period |
| P2E | 100,000 | 0.01 | 50yrs Period |
| Advisors & Marketing | 1,500,000 | 0.08 | |
| Founder | 1,000,000 | 0.05 | |
| Lock-up | 1,966,500,000 | 98.82 | Permanent Lock-up |



PART 5.0 TOKEN INCENTIVE



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BITONE POOL Policy

- The Pool aims to control market flow where BIO is paid as a reward when depositing BIO Coin.
- Holders coins from mining cannot be unlocked for 60 days.
- Unlocking is available at any time after the lock-up period, which takes +15 days from the application date.
- The rewarded BIO Coin can be harvested after 75 days.
- BIO harvested through mining is automatically deposited as a 'Reward POOL by Compounding Interest', partially or fully, according to the mining policy.

BIO Staking Rewards

- 200 BIO are generated per day as a BIO Coin staking reward.
- 1 block is generated every 3 seconds, 0.0069 BIO is issued per block, and staking rewards are paid for a total of 50 years.
- There are a total of two halvings in 50 years. In the first year, 200 BIOs are issued per day. From the first halving, which will be 1 year later, 100 BIOs are issued per day. From the second halving, which will be two years later, 50 BIOs are issued per day.
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- The amount of staking compensation is determined by the Pos(Proof Of Stake) method for the staking pool.



PART 5.0 TOKEN INCENTIVE

BIO Referral Rewards

In order to expand the BIO ecosystem, a user can promote his/her referral code. When contributing to the expansion of the ecosystem, the user will be rewarded according to the activities of the users he/she has been attracted to.

BIO P2E Rewards

When a BIO Coin Holder participates and plays P2E games, he/she will be rewarded with points by playtime and item acquisition activity. The rewarded points can be swapped to BIO Coin after a certain period. A user will be flowed back into the BIO Coin ecosystem to compose the coin economy and maintain the value of the coin.

PART 6.0 Legal Disclaimer & Investor Protection Policy

6.1 Legal Disclaimer

6.2 Investor Protection Policy

6.3 Distribution & Security Policy





PART 6.0 Legal Disclaimer & Investor Protection Policy

6.1. Legal Disclaimer

This overview information (“White Paper”) is prepared for the purpose of providing information on the business model planned by the BITONE Foundation (“Company”) and use cases of utility coin (“BIO”). This white paper is provided for informational purposes only, and the information contained in this white paper may be incomplete, is not legally binding, and does not constitute a contractual relationship.

Buying BIO Coins carries certain risks, especially those associated with purchasing any coin. Each reader of the document provided by the company should make a personal assessment of the potential value of the content to decide whether to participate in the BIO coin sale. For greater certainty, this white paper reflects information about the business proposed by the company and clearly states that it is not a financial investment recommendation.

Any and all information contained in this white paper may be updated, modified, or revised by the company. Therefore, the completeness and factual accuracy of the white paper are not guaranteed, and this information is subject to change at any time without prior notice. The Company does not undertake or provide any notice of any modification of the information herein. Although the company endeavors to ensure that the information contained in this white paper is accurate at the time of publication, the information contained in this white paper. However, Company and its representatives, officers, employees, advisors, partners, or intermediaries (“Company Representatives”) do not plan to represent, warranty, express, imply, accept, or intend to accept any responsibility or obligation concerning the accuracy and completeness of any published or oral information. For greater certainty, Company and its Representatives expressly disclaim any and all liability for the issuer is responsible for any direct or consequential loss or damage of any kind, directly or indirectly. Which is: (i) reliance on any information contained in this white paper, (ii) any errors, omissions, or inaccuracies in such information, or (iii) any acts resulting from such information.



PART 6.0 Legal Disclaimer & Investor Protection Policy

No representations or warranties are given in this white paper about the achievement or reasonableness of any future projections, prospects or profits contained. Readers should not understand the contents of this white paper or any other communication by, on behalf of, or by advisors of the company as recommendations of financial, legal, tax, or related matters. Accordingly, each reader of this white paper should consult with their professional advisors regarding any potential participation in financial, legal, tax, or related matters.

Certain information specified in this white paper contains forward-looking statements and forward-looking information. Except for statements of historical fact, the specific information contained herein constitutes forward-looking statements including, but not limited to, activities, events, or developments of services related to the BIO Coins that may or may not occur in the future as Company predicts or anticipates, and statements relating to user adoption, experience, context, company's business strategy, objectives and goals, which BIO Coin may provide, and current internal expectations, forecasts, prospects, estimates or management's assessment of future plans based on the conviction that may be inaccurate.

Forward-looking statements often appear in terms of "may," "will," "could," "would," "anticipate," "believe," "expect," "intend," "potential," "estimate," "budget," "scheduled," "plans," "planned," "forecasts," "goals" and similar phrases. Forward-looking statements are based on several factors and estimates made by management and were deemed reasonable at the time the information was provided. Forward-looking statements involve known and unknown risks, uncertainties, results expressed or implied by forward-looking statements, or other factors that differ materially from actual results, performance, or achievements.



PART 6.0 Legal Disclaimer & Investor Protection Policy

6.2. Investor Protection Policy

BITONE Foundation("Company") protects the personal information of users("Members") by complying with the Personal Information Protection Act and related laws and by providing necessary policies and security facilities. In addition, when accessing and using related data by Company's employees or outsiders, Company implements various policies for data protection as well as thorough protection of related data by introducing biometric information recognition such as fingerprints and multiple supplementary systems.

6.3. Distribution & Security Policy

To encourage the transparent distribution of BIO coins, Company plans to establish and implement policies to detect abnormal transactions and money laundering. Company also plans to improve related systems orderly. To protect the BIO coin holder, the internal system is designed with multiple supplements, and the security policy is strictly complied with protecting users' assets from hacking risks. In addition, we are fully committed to security through periodic security training for Company's employees.

BIO PROJECT

E.O.D



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