W Writer Block

Writer Block

Connecting generations through
writing and blockchain, Writer Block

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WHITEPAPER

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01 Abstract

Connecting generations through writing and blockchain, Writer Block

Writing education has occupied an important area in Korean language education in elementary and middle schools since the beginning of institutional education. In the past, universities have strengthened writing education by opening writing as a required or optional course. In various entrance exams, especially college entrance exams, where the public's attention is focused every year, the writing area has also clearly occupied a certain area. The writing section occupies about 20% of the entire language section of the CSAT, and several universities are taking the essay test. .

However, unlike these atmospheres, due to the growth of the smartphone market, modern people have become popular with content centered on games, videos, and SNS according to the rapid change in the surrounding content environment, and users who enjoy it gradually read long texts, read long texts, and read long texts. got away with In the past, reading and newspapers, which people used to read before going to the bathroom or going to bed, will be occupied by smartphones, and the current MZ generation is only immersed in simple snack culture, and the era of reduced concentration and obfuscation has begun in earnest.

Kindergarten and elementary school students before the MZ generation also have difficulty in writing and problems with obfuscation due to this phenomenon. YouTube Kids, launched in 2015, is an essential content for parents raising children. Due to the advantage of being able to watch children's animations anytime, anywhere, this soon led to indiscriminate exposure of smartphone videos in infancy. In order to soothe crying children, parents try to solve the problem through the video of the smartphone, which only improves the dependence on the video rather than the content, leading to obfuscation by staying away from letters.

As such, the generation that grew up with smartphones is inevitably vulnerable to dyslexia and writing, which causes a break in conversation between generations due to differences in understanding, differences in culture, and generations who have lived with books in the past. As the current generation, who are not familiar with text, advances into society, they are aggravating the situation by doing related work without knowing what the problem is in a situation where writing is required, or they are complaining of excessive stress about the work.

Accordingly, Writer Block has built a platform that can solve the problems caused by these cultural changes and narrow the distance between generations to harmonize within each other's ecosystem. Ecosystem participants who need writing can use their own WRBL to provide a request for writing, and ecosystem participants receive rewards while processing the request. In addition, it is possible to provide feedback by providing mutual community channels, which is expected to solve problems related to existing writing and obfuscation, and further enhance the ecosystem by linking various businesses according to the future business direction of Docu Chain. We want to expand.

02 Issue

[Cheongse] "MZ generation, you have to solve your own literacy enough to interfere with communication"

Current Affairs>Culture

"The truth of the illiteracy rate of 1%... South Korea's critical literacy is at the level of failing"

6 out of 10 companies "MZ generation has low Korean language skills"

Above are the headlines of news reports about the literacy of recent generations. According to a survey by Saramin, a talent recruitment platform, 56.5% of the companies surveyed showed that the Korean language skills of the MZ generation were less than the previous generation. The biggest problem was vocabulary, followed by spelling with 41.7%, listening with 40.7%, writing with 36.1%, speaking/listening with 31.5%, logic with 27.8%, and reading comprehension with 18.5%.

Based on these data, 52.8% of the problems that can occur within the company are the ability to write documents such as reports and proposals, and 46.3% of oral reporting and comprehension skills, and 35.2% of text communication skills such as e-mail, etc. , phone communication ability was 31.5%, and meeting/discussion ability was 29.6%.

This is a reality in which the MZ generation consumes a lot of video content and tends to use a lot of newly coined words and abbreviations, so the number of companies that feel that they are inferior to previous generations in the Korean language skills required for business is also increasing. In order to solve this problem, continuous efforts are needed to improve vocabulary and writing skills, such as reading, writing, and using accurate spelling, but it is difficult to realize this in the busy life patterns of modern people.

Noting these problems, Writer Block provides support for writing skills required by companies, solves problems, and pays rewards for participating in the ecosystem, unlike the short cycle of existing blockchain platforms, organically expanding We have developed a Writer Block platform that can go out. By using WRBL, which is used as a key currency within the platform, you can receive help in situations where writing is required in corporate activities and daily life, and you can expect to solve problems that may arise in situations where writing is required through mutual feedback.

03 Platform Overview

The Internet has been evolving non-stop for 30 years since its popularization in the 1990s. Starting from the era of Web 1.0, when only one-way access to limited information was possible, through the platform-centered Web 2.0, where the public directly creates and shares information, we are now decentralized based on blockchain technology. We are living in the era of Web 3.0 (Web 3.0), in which all the public using the protocol can be reborn as operating entities.

Blockchain technology, which was introduced to the world through Bitcoin, the representative identity of blockchain, has been continuously expanding its value and solidifying its technological advantages through numerous trials and errors and experiments for a little over 10 years. Through the concept of distributed ledger, the innovative concept of decentralization was realized, and through this, it was proved that data on the block chain is physically almost impossible to forge. The blockchain, which has evolved from the PoW (Proof of Work) type mining block chain introduced through Bitcoin for the first time to the new consensus algorithm method such as PoS (Proof of Stake) and DPoS (Delegated Proof of Stake), Together, they presented another new possibility, and with successive successes such as Defi and NFT, they continue to prove cases that can be grafted into various industries.

In the existing Web 2.0, the copyrights of contents produced by ecosystem participants are attributed to the platform, and problems are being drawn about unreasonable handling methods that do not receive proper compensation and legal protection. Docu Chain is a decentralized Web 3.0 copyright management protocol that enables ecosystem participants to directly manage and trade content without intermediaries through the platform. The protocol of Writer Block is composed of content node, contract ledger, and discovery node, and each performs functions for content access authority and management, and meta data storage.

Writer Block is developed in a blockchain-based way of Web 3.0, and aims to make the content industry structure related to writing transparent and reasonable, and to solve this problem through the Writer Block platform.

In conclusion, through the platform of Writer Block, those who need to write provide requests through WRBL, and those who receive requests solve problems provided by clients through feedback. Through the feedback processing process, the user can evaluate the writing content provider, which provides an environment in which other clients can consider using the corresponding provider in the future. All of these processes are ecosystem participation processes, and a certain percentage of compensation can be paid according to the Writer Block's policy.

04 Service Details

On the Writer Block platform, users can use the following services.

4-1 Composition request

Within the platform, the client writes about the content that requires writing. After writing, you can set the WRBL request amount to be provided to the writing content provider and the amount to be provided before and after work. Composition content experts are composed of experts approved by the Writer Block through KYC, and contracts and writing contents related to request processing are safely stored after being encrypted and verified on the blockchain.

Request for writing content → Establishment of request fee ratio during request process (advance payment/balance) → Expert matching through request confirmation → contract process

4-2 Feedback

When an expert expresses his intention to proceed with the work after reading the request, a community channel with the requester is created. Through mutual dialogue, it is possible to decide whether or not to sign a writing work processing contract, and the conversation details and contracts conducted through mutual agreement are processed through the blockchain-based Smart Contract in the Writer Block for authenticity and immutability. When the client sets up the advance payment for the work, WRBL is immediately delivered to the work facilitator according to the progress of the contract.

contract execution → Create a community channel (1:1 channel) → Advance payment of the amount set through work approval → work progress

4-3 Completion and evaluation

When a writing worker completes a draft, they can receive corresponding feedback through community channels. When the revision is discussed as a whole and the final version is completed, the remaining balance set in the Smart Contract is delivered to the writing worker as the final approval for work processing is processed through mutual consultation. In proceeding with the request, the client can leave an evaluation of the worker and receive compensation for participating in the ecosystem accordingly, and the evaluation of the worker who has received good evaluations from many clients is accumulated and selected as a recommended worker within the platform, and the compensation and You can benefit from higher exposure to your clients.

Draft work done → Completion of the final version after communication through channels → Balance processing of the amount set through work approval → Client's Worker Assessment Progress
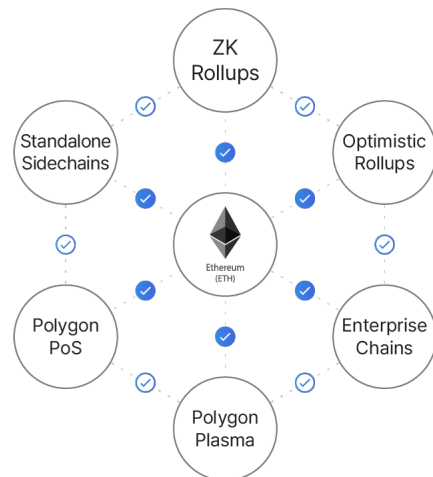
05 Polygon

WRBL, which is used within the Writer Block platform, is a key currency and cryptocurrency developed in-house and developed based on polygons. Polygon was developed to improve scalability and security by improving the limitations of the Ethereum blockchain, such as slow transaction processing speed and limited scalability. To this end, a separate side chain linked with Ethereum is built, transaction processing, verification and recording are carried out in the polygon side chain, and only the final result is recorded and stored in the Ethereum block chain. As a flexible and modular framework for building various types of applications, it transforms the efficient Ethereum network into a complete multi-chain system, and this multi-chain system has the advantages of Ethereum's active ecosystem and openness. Polygon solves problems associated with blockchain, such as high gas fees and slow speeds, without sacrificing security. This multi-chain system can make full use of the network effect of Ethereum, and is characterized by being secure, more open and powerful.

The existing Ethereum network is adopted by many platforms, but its limitations are clear. Low throughput and poor UX, high gas cost, delay in PoW finality, and no sovereignty, leading to limitations such as shared throughput, risk of clogging, inability to customize technology stack, and governance dependencies. Many projects are looking to Ethereum-compatible blockchains as a way to alleviate these restrictions while continuing to leverage Ethereum's thriving ecosystem. However, there is no special network for building these blockchains or representative protocols to connect them, causing serious development problems and accelerating the fragmentation of the ecosystem.

Solution

Polyon - a protocol and framework for building and conneting Ethereum- compatible blockchain networks.

- One-click deployment of preset blockchain networks
- Growing set of modules for developing custom networks
- Interoperability protocol for exchainging arbitrary messages with Ethereum and other blockchian networks
- Modular and optional "security as a service"
- Adaptor modules for enabling interoperability for existing blockchain network

Polygon is a protocol and framework for building and connecting Ethereum-compatible blockchain networks, enabling one-click deployment of pre-configured blockchain networks, a growing set of modules for custom network development, and arbitrary interaction with Ethereum and other blockchain networks. It supports interoperability protocols for exchanging messages, modular and optional "security-as-a-service", and adapter modules to enable interoperability to existing blockchain networks.

5-1 Side chain

Sidechain is a technology that makes it easy to trade assets that exist on different blockchains. If all the data is put into the nodes of the main chain, the nodes become more and more heavy, and the number of nodes that increase in the public blockchain also causes many problems in the main chain. TPS has no choice but to become slower and the value of fees gradually increases. Due to this problem, many problems have been raised about the compatibility of cryptocurrency, and sidechains have appeared as a solution to this problem. Transactions are processed by moving assets from the main chain to the side chain, and after the transaction is completed, only important information is left on the main chain to distribute the transaction processing process.

Sidechain is a technology that connects different blockchains and encompasses second layer and off-chain solutions. When blockchains such as Bitcoin and Ethereum are connected through the same sidechain technology, they are expressed as having a sidechain relationship. Sidechain is a key technology used for issuing and trading new assets on a blockchain, and assets existing on different blockchains can be safely traded with each other.

Main Blockchain

Sidechain A
(Smart Contract)

Sidechain B
(Fast Transactions)

Sidechain C
(Treasury)
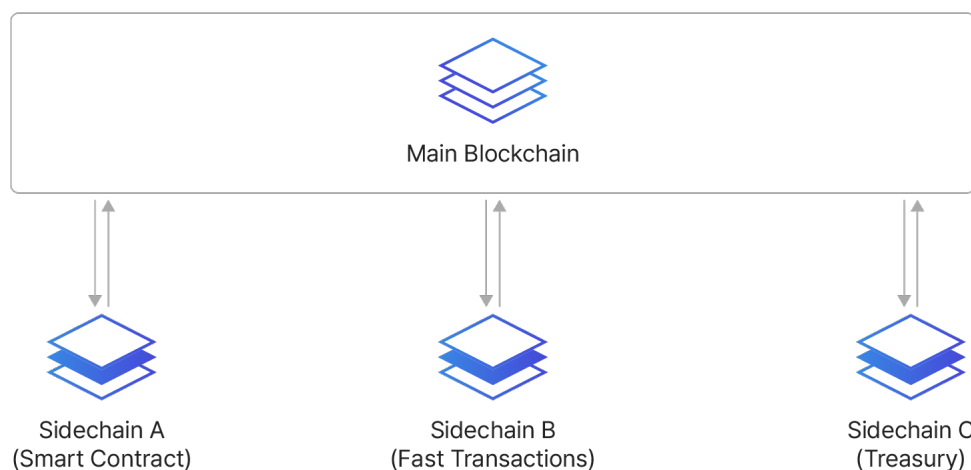
Existing blockchain protocols do not store all data in blocks on the main chain to solve the problems of scalability, especially the problems of completeness, TPS, fees related to commerciality, and performance limitations of the main network, but use side chains. The purpose is to use the main chain efficiently.

Characteristic

The sidechain uses PoA, PoS, DPoS, and BFT-type consensus algorithms. In addition, sidechain is a technology that acts as a bridge between different cryptocurrencies that exist. Using sidechain technology, it is possible to upgrade the performance of transactions through this. In blockchain, sidechain technology focuses on sending and receiving different blockchain tokens.

There are many approaches to connecting different blockchains such as Bitcoin or Ethereum, but the method of creating a bridge in the middle is mainly used. The most reliable way is to modify Bitcoin or Ethereum itself, or to modify the entire code to suit the other party's block chain, so the side chain method is in the limelight.

5-2 Polygon Chains

Polygon is a block that can be linked to two types of Ethereum: Stand-Alone Chains, which focuses on scalability, flexibility, and sovereignty, and Secure Chains, which is responsible for security, interoperability, and developer experience. Chain network support.

- Stand-Alone Chains: Polygon Chain's stand-alone chains are fully sovereign, Ethereum-compatible blockchain networks that are fully responsible for their own security and offer the highest level of independence and flexibility.

- Secure Chains: Secure Chains is a blockchain network that uses security as a service prior to building a verification pool of chains. The service can be used directly with Ethereum through fraud proof and validity proof, and can also be provided through professional verifiers. Secure Chain provides the highest level of security, but rather low independence and flexibility.

The polygon architecture consists of four layers.

- Ethereum Layer: The polygon chain uses Ethereum to execute the logic accordingly. The Ethereum layer is linked to the Ethereum Smart Contract and performs functions such as staking, dispute resolution, message transmission between Ethereum and polygon chains, and Finality/Check pointing.

- Security Layer: The security layer provides a validator service (validator as a service), a set of validators that periodically reviews the validity of the polygon chain and receives a fee. This layer is mostly a meta-blockchain, implemented in parallel with Ethereum, and performs tasks such as validator management and polygon chain verification.

- Polygon Networks Layer: It acts like a group of blockchain networks, and each network carries out tasks such as transaction collection and block generation for each community.

- Execution Layer: The execution layer resolves and executes transactions included in the polygon network's blockchain. This layer consists of Execution Environment and Execution Logic.
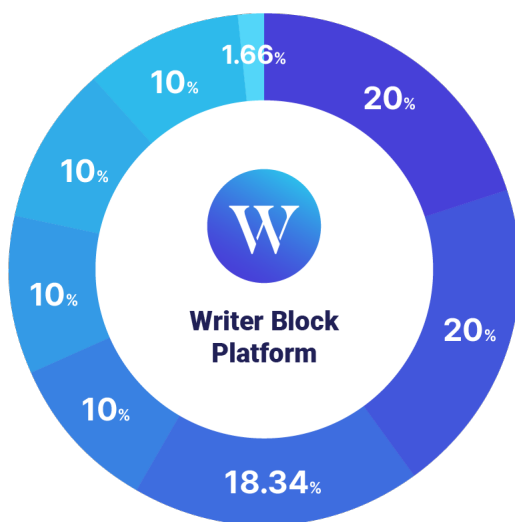
6 Token Economy

WRBL, the token to be utilized in the Writer Block platform, will have the following flow.
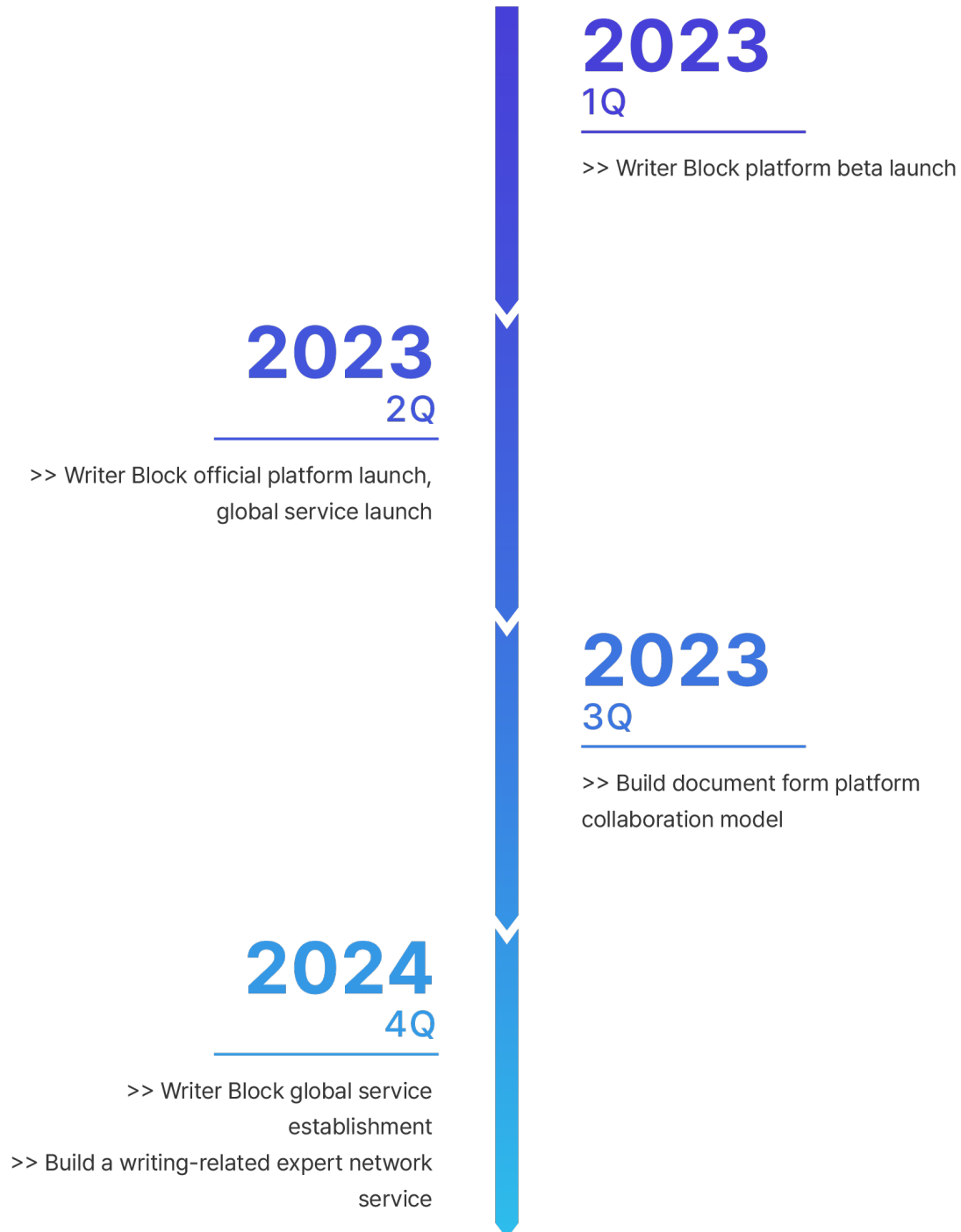

Token Info

Token Name	Symbol	Network	Issue volume
Writer Block	WRBL	Polygon	10,000,000,000 WRBL

Distribution by user

- User Reward 20%   2,000,000,000 WRBL
- Payment Pool 20%   2,000,000,000 WRBL
- Global Expansion 18.34%   1,834,000,000 WRBL
- Marketing 10%   1,000,000,000 WRBL
- Partners/Advisor 10%   1,000,000,000 WRBL
- Reserve 10%   1,000,000,000 WRBL
- Team 10%   1,000,000,000 WRBL
- Sale 1.66%   166,000,000 WRBL

7 Road Map

2023
1Q

>> Writer Block platform beta launch

2023
2Q

>> Writer Block official platform launch,
global service launch

2023
3Q

>> Build document form platform
collaboration model

2024
4Q

>> Writer Block global service
establishment
>> Build a writing-related expert network
service

-The roadmap is subject to change depending on the direction of the project and the variables that may occur in the

8 Disclaimer

General

WRBL is governed by the laws of the jurisdiction where the Foundation is located. In addition, obtaining permission, licenses, and approvals in all jurisdictions where WRBL is used is not guaranteed.

WRBL operates in full compliance with relevant laws and regulations, and strives to obtain necessary permits and approvals for operation. WRBL-related services are affected by each country's regulations and policies, and we do not fully guarantee whether regulatory approvals or approvals have been obtained. Therefore, if appropriate licenses are not obtained in the service jurisdiction, WRBL's services may be restricted or services may be rejected in the App Store.

01. The value of virtual assets changes every day. Cryptocurrency transactions or balances may rise or fall rapidly. Please keep in mind that there is a possibility that the price of a virtual asset such as WRBL may go to zero.

02. Suspension of trading or delisting of WRBL may be determined according to the policy of the virtual currency exchange. WRBL assumes no responsibility for these circumstances.

03. WRBL is likely to fail or become difficult due to a decrease in transaction volume between individuals. Or, depending on market conditions or size, you can call the deal price at a fairly hostile price. There is a risk of transaction liquidity.

04. WRBL operates services and platforms in the cloud and IDC. We strive to conduct security audits, security patches, and service inspections in accordance with each country's security regulations. However, access to the service may be difficult or failure may occur due to security vulnerabilities, zero-day attacks, or DDoS. In this case, WRBL does not take any responsibility.

05. There is a risk that it may be difficult to continue business due to factors such as changes in the external environment. In this case, you cannot continue to operate your business. All procedures involving client assets shall be construed in accordance with the laws of the seat of the Foundation, and proceed in accordance with the Bankruptcy Act, Corporate Act, Corporate Rehabilitation Act, Individual Rehabilitation Act and other relevant laws.

Tax and income tax

06. Except for some countries, the relevant laws and tax regulations of household assets worldwide have not yet been finalized. Please consult with your country's law firm or tax accountant or other qualified professional to verify information. Capital gains and losses resulting from the sale of WRBL may be subject to capital acquisition laws and tax laws. WRBL assumes no responsibility in relation to customer's tax payment. For additional information related to tax payment, please consult the relevant tax advisor or qualified professional in your country.

07. WRBL is not responsible for any personal tax payment. Depending on each country's virtual currency regulations, WRBL may withdraw its business or terminate WRBL services in some countries.

Security token exclusion

08. The WRBL white paper and supplementary documents are not investment prospectuses or financial service proposals. It cannot be treated as a securities investment product or regulated product in any country. This white paper and additional documents cannot be used for purchase or offer to buy WRBL and service products. WRBL holders are not entitled to assert any rights against the WRBL operator and its affiliates, including income, including royalties, profits, and returns on shares, stocks, bonds, and capital, with respect to any company or intellectual property associated with WRBL.

WRBL management and operation

09. The operation and management of WRBL (hereinafter referred to as the 'Foundation') manages the main wallet and the wallet for each business purpose through a multi-signature wallet. The key management entity of the multi-signature wallet is the foundation. The WRBL Foundation's multi-sig wallet keys are stored, managed, and operated by the above entities, and cannot be sold, transferred, secured, or seized.

SAFT

10. WRBL may proceed with the sale of unissued WRBL as SIMPLE AGREEMENT FOR FUTURE TOKENS ("SAFT"). SAFT-related detailed contracts are the foundation and. It is concluded through legal advice. Details of this contract may not be disclosed to the outside according to the contract.

Block deal and IEO

11. WRBL's block deal and IEO may sell unissued coins according to the decision of the foundation. Relevant detailed contracts are concluded through the foundation and legal advice. The contents of this contract may not be disclosed to the outside depending on the method of the contract.

Translation

12. This white paper and supplementary materials are published in Korean and English. All translations are for reference only and no legal responsibility is assumed. No guarantees can be made as to the accuracy and completeness of the translation. If there is a difference between the original and the English version of this white paper and supplementary documents, the contents of the original will prevail.

Transfer limit

13. To regions or countries where distribution or dissemination of this white paper and supplementary documents is prohibited or restricted. You may not take or transmit any additional documents. If you read this white paper online, WRBL reserves the right to comprehensive disclaimer. Transfer is restricted in countries such as the People's Republic of China where ICO is prohibited.

Third Party Information

14. This White Paper and. Supplementary Documentation contains data and reference information obtained from third party sources. Management believes that such data is accurate and reliable, but has not been independently audited, verified or analyzed by professional legal, accounting, engineering or financial advisors. Accordingly, no guarantees are made as to the accuracy, reliability or completeness of such data.

WRBL's Opinion

15. Opinions other than those expressed in this white paper and supplementary documents are those of WRBL and do not reflect the official policies or positions of governments, quasi-governments, authorities, public agencies, or regulatory bodies in any region. This white paper has not been reviewed by any regulatory authority.

risk description

16. This white paper and supplementary documents inform you that the purchase of WRBL involves considerable risk and may result in significant loss. You should carefully evaluate and consider the risks involved, including those listed in any other document, before purchasing WRBL.

17. Buyers must not purchase WRBL for the purpose of speculation or investment. Please purchase or trade only if you fully understand the risks and nature of the WRBL business and accept the risks inherent in WRBL.

Polygon protocol

18. WRBL uses Polygon-based blockchain technology. WRBL can configure a blockchain ecosystem and node such as a separate cross chain for the purpose of transaction speed and fee reduction.

professional advisory

19. You should consult with your attorney, accountant, tax professional and other professional advisors as necessary to determine whether to purchase WRBL.

Cautionary Note Regarding Forward-Looking Statements

20. This White Paper and. The Supplementary Documents contain assumptions and available information about the business of WRBL, as well as forward-looking statements on which WRBL believes. By their very nature, these forward-looking statements and projections involve significant risks and uncertainties.

21. For this matter, WRBL and. Management disclaims comprehensive liability, which could result in results that differ materially from those expressed in the forward-looking statements. All forward-looking statements speak only as of the date on which such statements are made. WRBL and its management undertake no obligation to update or revise any forward-looking statements to reflect events or circumstances subsequent to the date of such statements or to reflect the occurrence of unforeseen events.

security vulnerability

22. The open-source Ethereum mainnet is exposed to various security vulnerabilities. One of the blockchain mainnets, Polygon, is reliable, but may be exposed to vulnerabilities that developers and the WRBL development team are not aware of.

market making

23. The Foundation is not involved in transactions between WRBL holders within the exchange. However, if liquidity in the market is insufficient or liquidity in the exchange is insufficient, liquidity can be supplied to promote market stability. However, if market creation is prohibited by law according to the policy of the country where the exchange is located, WRBL will abide by the laws of each country.

Anti-Money Laundering (AML) and Counter-Terrorism Financing (CFT)

24. WRBL follows the policies of each country's Anti-Money Laundering Act (AML) and Counter-Terrorism Financing Act (CFT). WRBL is obliged to notify the relevant regulators and legal authorities within 7 days of the inflow of funds suspected of anti-money laundering or terrorist funds. In addition, WRBL is obliged to report suspicious transactions to local police and police officers of each country, and in accordance with various regulations affecting terrorism (anti-financing) law (cap. 325) and UN Security Council resolutions, selected individuals or Organizations may be required to refuse participation in the ICO and prohibit the provision of WRBL services.

Exclusion of Financial Regulators from Associated Capital Market Instruments

25. WRBL is not a capital market product regulated by a financial regulator. WRBL is not a stock, unsecured debt, business trust, derivative contract based on securities, a collective investment product, a financial product regulated by a financial regulator, or a capital market product. WRBL does not make traditional financial dividends, and WRBL holders cannot option or resell issuers for future value.

26. If WRBL is subject to regulation by a financial regulator, it may comply with the applicable regulatory guidelines, cease business, or transfer the country in which it operates. WRBL is committed to meeting the guidelines of financial regulators.

token ecosystem

27. WRBL's token ecosystem is considered as a donation currency for pure services to develop and operate a platform for various virtual asset services. We do not promise any dividends for this.

disability compensation

28. The foundation has no obligation to comprehensively compensate for damages to users caused by delays in WRBL's block chain approval and connection delays, node failure, etc. In addition, WRBL is not obliged to provide comprehensive compensation for cyber attacks, service failures, database loss, and server failures.

WRBL assumes no responsibility for the risks and services specified above, and any financial risks derived from them. Regarding each country's regulations, market changes, and cryptocurrency volatility, the Foundation recommends that investors carefully evaluate risks and receive appropriate advice on tax and legal matters.