

# ReBUY Project

Red

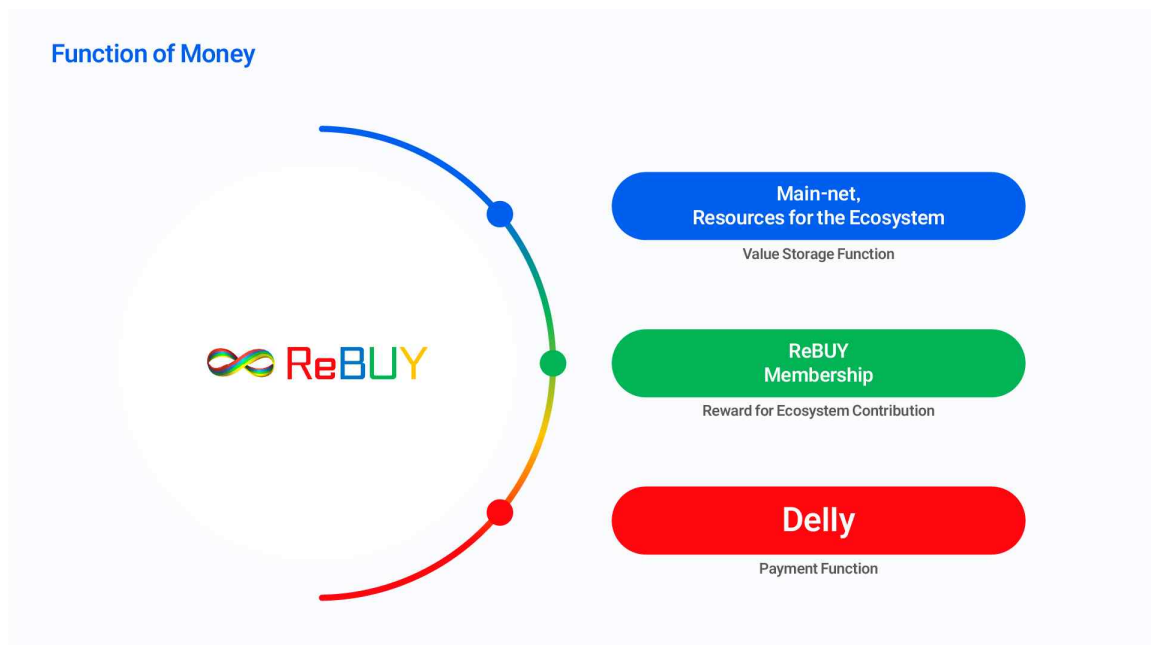
[www.rebuy-dmf.com](http://www.rebuy-dmf.com)

## 1. What is the ReBUY protocol?

A new type of minting protocol where participants mint tokens themselves

The ReBUY protocol is a new type of **Decentralized Minting Facility (DMF)** that utilizes block-chain and smart contract technology to create ecosystem value by minting tokens through the voluntary choice of service participants. The tokens minted by the ReBUY protocol are called “**RBY tokens**”.

The ReBUY protocol focuses on the three functions of money {① value storage, ② payment and settlement(Parameters of the exchange), and ③ rewards for participants' contributions}, and is designed to be operated as a unified form of crypto-currency with each function separately.



### 1) Value Storage Function

The ReBUY protocol aims to create a more stable and constructive ecosystem environment by using the minting profits from the minting of **RBY** tokens to fund

the development of the ecosystem.

Afterward, we will launch the **ReBUY Main-net** based on these resources, and continue to strive to create, maintain, and increase new value.

## 2) Payments Function

After the launch of the **ReBUY Main-net**, participants will be able to convert **RBV** tokens to **Delly** coins, during which the **RBV** tokens used for conversion will be burned and **Delly** coins will be received. The received **Delly** coins will be used as a medium of value exchange and as a payment method.

## 3) Reward participants for their contributions and recognize them as ecosystem members

Staking **RBV** tokens entitles you to ReBUY Membership, which entitles you to various benefits such as discounted fees when using the ReBUY platform.

ReBUY Membership holders can participate in the **DAO** and make suggestions for the healthy development of the network.

In addition, after the launch of **ReBUY Main-net**, users will be rewarded with **Delly** coins, a payment-only coin that is given as a block generation reward.

## 2. DMF (Decentralized Minting Facility)

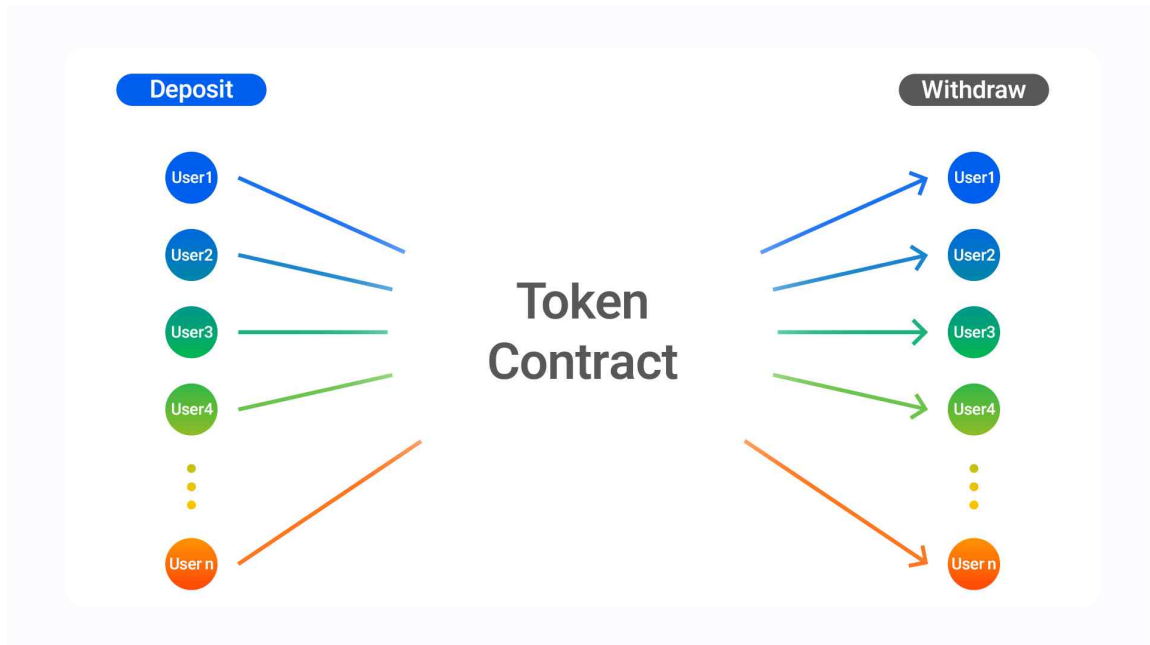
The ReBUY project starts with a decentralized money minting facility (DMF).

DMFs work differently from traditional financial instruments, but in essence, they are similar to “premium-free call options with 100% margin”: new tokens are minted each time a participant exercises the option, but they are fully funded with margin (100%), so the participant only has to pay transaction fees without any additional risk.

Here's how the ReBUY platform works.

<Participants can freely deposit and withdraw coins to and from their token

contract accounts without private keys on the ReBUY platform.>



### 1) Deposit Stage

The Participants deposit their own **Stable coins** or **Native coins** (e.g. USDT, POL) (hereinafter referred to as "**Stable coins**") within the ReBUY platform.

At this time, the participant will receive **NFTs** as a certificate of deposit.

Then, the **RBV** token price at the time of deposit will be recorded in the ledger along with the participant's transaction information.

### 2) Withdrawal Stage

Participants who have deposited coins within the ReBUY platform can apply for withdrawal at any time.

### 3) Steps to 'withdraw to Stable coins' or 'mint **RBV** tokens'

When applying for withdrawal, the participant can choose whether to withdraw in the stable coins deposited by the participant or to mint **RBV** tokens, whichever is more economically beneficial to the participant.

The calculation method for the quantity of the participant's "withdrawable stable coins" and "mintable **RBV** tokens" is as follows.

① **Withdrawal with Stable coins**

If a Participant makes a withdrawal in Stable coins, the amount of Stable coins available for withdrawal is the entire amount of Stable coins, excluding the ReBUY platform usage fee.

② **RBV tokens Minting**

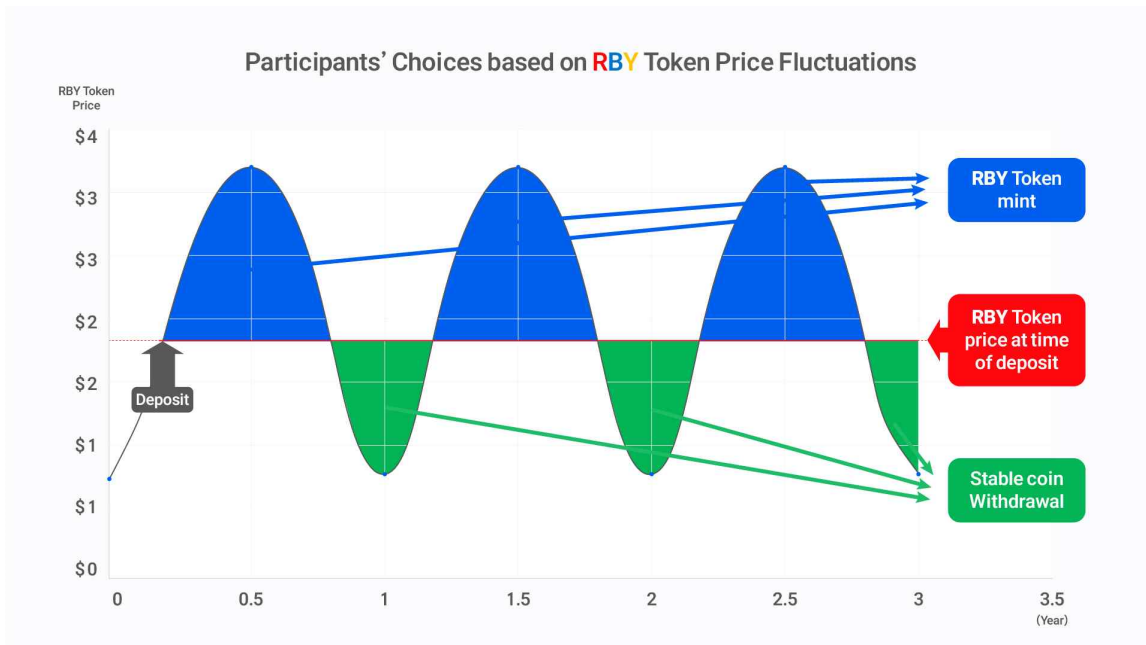
The **RBV** token price recorded at the time of deposit is applied to the withdrawal time to calculate the number of **RBV** tokens that can be minted. In other words, the number of **RBV** tokens that can be minted is calculated by dividing the price of each **RBV** token at the time of deposit by the coin price (USD) at the time of withdrawal.

※ **Number of RBV tokens that can be minted at the time of withdrawal request**

$$= \frac{\text{Coin price at time of withdrawal (USD)}}{\text{RBV token price per unit at the time of deposit (USD)}}$$

• If the price of **RBV** tokens at the time of withdrawal is higher than the price of **RBV** tokens at the time of deposit, it is economically beneficial for the participant to mint **RBV** tokens rather than to withdraw in Stable coins.

• Conversely, if the price of **RBV** tokens at the time of withdrawal is lower than the price of **RBV** tokens at the time of deposit, it is economically more beneficial for the participant to withdraw in Stable coins.



**Ex.**

**Step 1** Deposit step: Deposit 1,000 USDT

Deposit step			
Deposits	1,000 USDT	When to Deposit Price per RBY Token	RBY
			\$ 2

**Step 2** Withdrawal step: Withdraw 1,000 USDT after 1 year

Withdrawal step					
Division	Amount available for withdrawal	Price per RBY Token at the time of withdrawal	Number of RBY Tokens that can be minted	Minting Value	Participant selections
Case 1	1,000 USDT	\$ 1 (per unit)	500 units	\$ 500	USDT Withdrawal
Case 2	1,000 USDT	\$ 4 (per unit)	500 units	\$ 2,000	RBY Mint

<Calculate the number of RBY tokens that can be minted : 1,000 USDT / \$ 2 = 500 units>

**Case 1. (1,000 USDT withdrawal)**

Participants will withdraw in Stable coins as the price of **RBY** tokens has decreased from the time of deposit to the time of withdrawal.

**Case 2. (Minting 500 RBY tokens)**

Participants will mint **RBY** tokens because the price of **RBY** tokens at the time of withdrawal has increased compared to the time of deposit.

The table below summarizes the above.

**The table below summarizes the above**

Division	Deposits	Amount available for withdrawal vs RBY Token(500 units) value	USDT Withdrawal	Minting RBY Tokens
Case 1	1,000 USDT	1,000 USDT vs \$ 500	Withdraw 1,000 USDT	X
Case 2	1,000 USDT	1,000 USDT vs \$ 2,000	X	Minting \$2,000 worth of RBY Tokens

Thus, participants can deposit and withdraw in Stable coins on the ReBUY platform and benefit from the price appreciation of **RBY** tokens without any additional risk.

In this way, the ReBUY protocol aims to provide an environment where participants can participate without the risk of volatility through Stable coins, while sharing the benefits of **RBY** token price appreciation.

### 3. DEX (Decentralized Exchange)

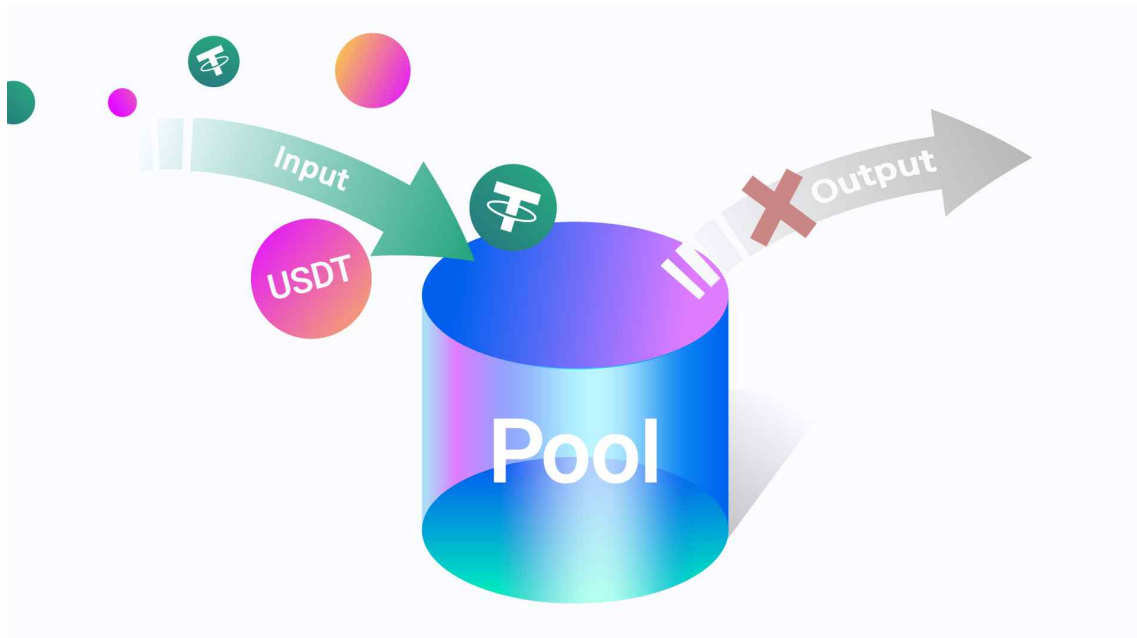
The ReBUY decentralized exchange (DEX) employs a system where the foundation manages the liquidity pool directly, but interacts with the market through a set algorithm. This ensures that the flow of funds within the ecosystem remains transparent, and the liquidity supply process is continuously operated by a decentralized protocol.

#### 1) Liquidity pool expansion strategy

A key feature of ReBUY DEX is that it is designed to allow the Foundation to actively expand the Total Value Locked (TVL) of the liquidity pool, while ensuring that the assets cannot be reclaimed. This is accomplished through a structure that guarantees the Foundation's long-term participation as a liquidity provider and

continually adds minting profits to the liquidity pool.

In other words, the **POL** coins and **USDT** that the Foundation earns from minting profits are continuously deposited into the liquidity pool, and that liquidity is restricted at the protocol level so that it cannot be arbitrarily withdrawn by a centralized entity. This ensures that the liquidity of **ReBUY DEX** is fixed in the long term and can be operated in a decentralized manner without the risk of market manipulation.

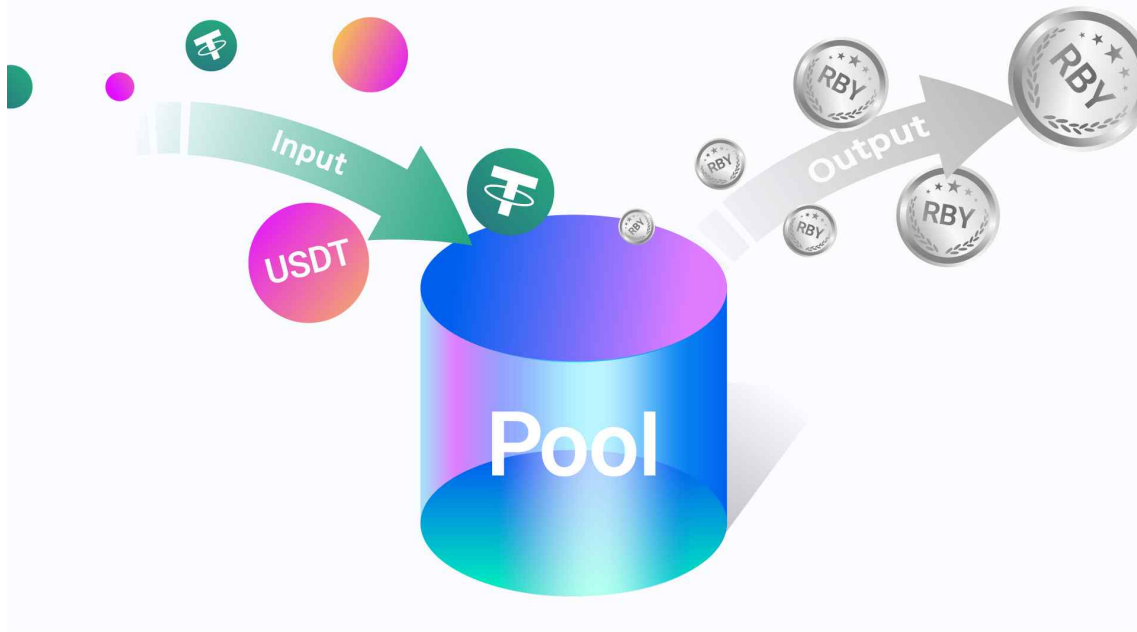


## 2) **RBV** Token Acquisition Strategy

Once the TVL of a certain size of the liquidity pool is secured, the **ReBUY** Foundation will continue to buy **RBV** tokens on the market with minting profits. The reason for this is related to the distribution structure of the payment-only coin '**Delly**', which will be automatically distributed on the decentralized network in the long run.

Once the **ReBUY Main-net** is launched, **Delly** coins will be automatically distributed in proportion to the amount of **RBV** token staking based on a smart contract-based algorithm. In this process, the foundation will utilize the protocol without centralized intervention to acquire **Delly** coins and use them as various financial resources within the ecosystem.

In other words, by utilizing a structure that increases the amount of **Delly** coin allocation the more **RBV** tokens are held, the Foundation can secure long-term financial resources without a centralized issuing entity. Unlike traditional centralized exchanges (where the exchange manages and distributes tokens directly), this method is automatically operated by smart contracts, and the flow of funds is maintained in a decentralized manner.



### 3) Expected effects through decentralization

This decentralized operation method of ReBUY DEX eliminates the opacity of liquidity management and token distribution that existing centralized exchanges have, and is expected to have the following effects.

#### ① Activation of autonomous payment system in the ecosystem

**Delly** coin can operate as a pure on-chain payment system through the network's automatic allocation mechanism without a centralized entity. This creates a structure that naturally rewards **RBV** holders without the need for foundation intervention.

#### ② Long-term **RBV** token value appreciation and establishment of a virtuous cycle in the ecosystem

As liquidity continues to increase, the market stability of ReBUY DEX increases,



which naturally leads to price stability and liquidity expansion of **RBV** tokens.

Through the smart contract-based liquidity supply and **Delly** coin allocation structure, we have applied an automated design to ensure that the ecosystem operates in a sustainable manner.

#### **4. About Us and Our Vision**

##### **1) Prioritizing economic value creation for participants and contributing to the Web3 era ecosystem**

With the creation of economic value for participants as the top priority, the ReBUY project will focus on providing a better trading experience and tangible economic benefits, combining the core values of decentralization and block-chain technology to contribute to the construction and development of a new ecosystem in the Web3 era, and will continue to strive to increase the transparency and stability of the digital asset market in the medium to long term.

##### **2) ESG Management**

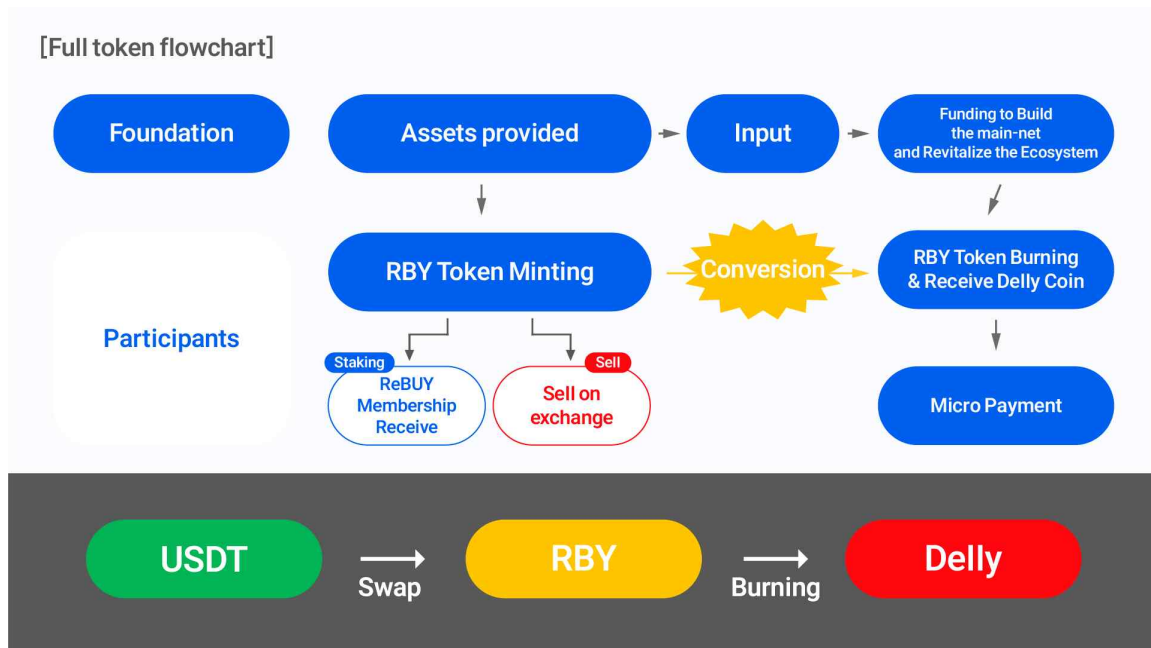
The ReBUY project aims to provide financial access to everyone across borders. It will also create sustainable social value based on social responsibility and respond to the resource depletion crisis through technological innovation. Furthermore, it will strive to create an inclusive and equitable society for all by contributing to the livelihoods of people with disabilities and vulnerable groups.

##### **3) Proof of reserve**

The ReBUY project is operated separately by the token management foundation and the platform business, and the foundation prioritizes transparency of assets. To this end, we transparently disclose information such as the total number of minted tokens, the number of tokens in circulation, the number of burned tokens, and the type and quantity of assets held at the asset custody company through the foundation's website.

## 5. Token Economy

The ReBUY project subdivides the functions of money into 1) payment and settlement function, 2) value storage function, and 3) rewards for ecosystem contributions, and consists of crypto-currency according to each function.



### 1) **RBY** Tokens

#### (1) Tokens minted by voluntary choice of participants

The **RBY** token is a decentralized token that is minted by the voluntary choice of participants rather than by receiving funds from specific investors. There is no limit to the amount of **RBY** tokens that can be minted, but after the launch of the ReBUY main-net, token minting can be stopped by the DAO's decision. After that, the tokens will no longer be minted, but only burned, turning them into a deflationary token.

#### (2) **RBY** Tokens Staking

Staking **RBY** tokens entitles you to ReBUY membership, which offers a variety of benefits including discounted transaction and settlement fees, mining rewards, and more.

### (3) Burning RBY Tokens

RBY tokens and Delly coins are crypto-currencies with independent values.

When converting RBY tokens to Delly coins within the ReBUY Wallet, all RBY tokens used for conversion are burned, leading to a decrease in the quantity of RBY tokens and an increase in the demand for Delly coins, which has a positive effect on the ecosystem.

### 2) Delly Coins (Micro-Payment Coins)

Delly coins are distributed via Proof-of-Stake (POS) as rewards for staking on the ReBUY Main-net, with a total supply of 2.1 billion coins. Like Bitcoin, it halves approximately every four years.

Delly coin will be used for micro-payments in real assets and offline spaces, and aims to compensate for the shortcomings of Bitcoin, which is relatively slow and has high transaction fees, with its fast speed and low fees.

### 3) ReBUY Membership

Staking RBY tokens, qualifies you for ReBUY Membership. Eligibility requirements are as follows

Division		Black Lv.	Red Lv.	Blue Lv.	Green Lv.	Yellow Lv.	White Lv.
Ratings Criteria	Staking Quantity	10,000,000 RBY	1,000,000 RBY	100,000 RBY	10,000 RBY	1,000 RBY	1 RBY
	Deposits and Withdrawals Counts	More than 50 times	More than 40 times	More than 30 times	More than 20 times	More than 10 times	More than 1 times

ReBUY members can receive discounts on transaction fees within the ReBUY platform depending on their tier, and after the Main-net launch, they will be rewarded with **Delly** coins, a payment-only coin that will be distributed as block generation rewards.

In addition, various benefits such as discounted payment fees will be provided, and you will be granted voting rights to participate in the **ReBUY DAO** and propose opinions for the development of the ecosystem.

ReBUY Membership includes the following benefits.

**(1) Transaction fee discounts**

Members receive the following discounts on trading fees on the ReBUY Platform

Division	Black Lv.	Red Lv.	Blue Lv.	Green Lv.	Yellow Lv.	White Lv.
Trading fee discount rate	20%	15%	10%	5%	1%	-

**(2) Mining Rewards**

① Reward: Minted **Delly** coins + ReBUY's network transaction fee

② Reward method: In principle, the rewards will be distributed by Proof of Stake (POS), but the detailed distribution method will be determined by the DAO's final decision. For example, you can think of differentiated rewards based on membership level, retention period, etc.

#### 4) Voluntary minting of tokens by participants and burning of tokens to create a virtuous cycle of the ecosystem

There is no limit to the minting of **RB**Y tokens, but the currency inflation is controlled with three midnight functions. And after the launch of the ReBUY main-net, **RB**Y tokens may no longer be minted based on the DAO's decision, in which case they will be converted into deflationary tokens.

##### ① Ability to control inflation by voluntary participant choice

If the minting of **RB**Y tokens continues to increase and the price continues to decline after a certain point, participants who have deposited Stable coins on the ReBUY platform will choose to receive them in Stable coins when they withdraw their funds, so the minting of **RB**Y tokens will no longer increase, which has the effect of suppressing currency inflation.



##### ② Auto-burn feature for token conversions

When converting **RB**Y tokens to **Delly** coins in the ReBUY wallet, all **RB**Y tokens used for the conversion will be burned, reducing the circulating supply of **RB**Y tokens.



### ③ Staking to acquire ReBUY Membership suppresses circulating supply

In order to obtain a ReBUY membership with various benefits, a certain amount of **RBY** tokens must be staked, which reduces the amount of **RBY** tokens in circulation in the market.

### 5) The foundation does not hold the initial supply of tokens

One of the key features of the ReBUY token economy is that the foundation does not sell tokens to fund the initial project.

The ReBUY protocol is designed to raise funds to revitalize the ecosystem based on **RBY** tokens minted through voluntary decisions of participants. Therefore, the foundation does not select or sell tokens to raise initial funds, and all participants are on an equal footing and receive economic incentives through voluntary decision-making.

## 6. ReBUY DAO

ReBUY Membership holders can participate in the ReBUY project community to make ReBUY Improvement Proposals (RIPs) for the healthy development of the network, with one up-or-down vote for each proposal.

As the highest level, ReBUY Lv. holders are not allowed to make suggestions, but are entitled to one (1) up-or-down vote on each agenda item with a majority of the votes cast in favor of the proposal, and the final approval of the proposal is based on the principle of majority rule. (However, the President of the ReBUY Foundation has one (1) vote regardless of Lv.)

## **7. Decentralized Structure of ReBUY Project**

### **1) Decentralized token minting method**

**RBV** tokens are minted voluntarily by individual participants based on their economic interests, rather than by a centralized organization.

### **2) Decentralized Deposit Storage**

Coins deposited by participants are securely deposited in a smart contract account without a centralized management entity, and can be instantly withdrawn when needed.

### **3) Decentralized Exchange DEX**

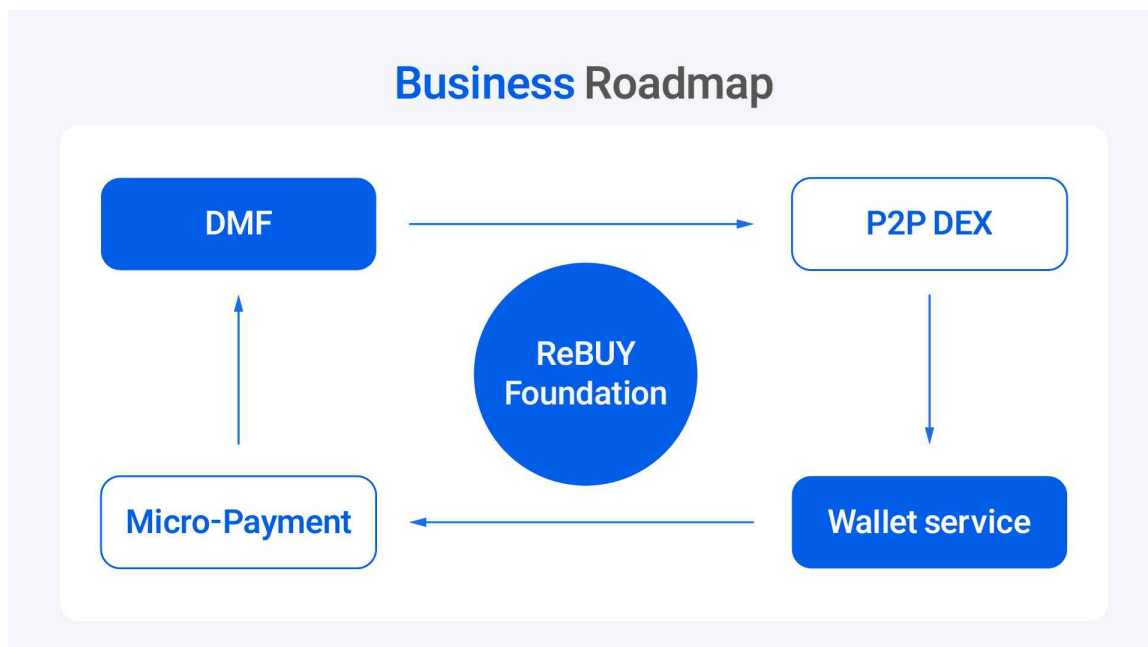
The ReBUY DEX is designed to allow the protocol to automatically provide liquidity and maintain price stability without any intervention from the Foundation. And token holders can directly participate in the growth of the network and revitalize the ecosystem.

### **4) Decentralized organizations (DAOs)**

It operates as an autonomous, decentralized organization (DAO) with no centralized administrator, and decisions are made by consensus of network participants.

## **8. Business Roadmap**

Starting with a decentralized currency minting facility, the ReBUY project will gradually develop new types of businesses that combine finance with existing platforms, including Decentralized Exchanges, Wallet services, Micro-payment services, Real World Asset investment services, O2O businesses, and Metaverses.



## 9. Closing Remarks

Humans have historically produced things of value through the use of labor and time, but leaps in technology, such as block-chain, artificial intelligence (AI), robotics, and autonomous driving, are ushering in an era of laborless production. These changes are likely to make the world more prosperous, but they also require us to think about how individuals can benefit from this prosperity.

If I were asked, “What do we need to do to prepare for the future?” I would say that the most obvious way to free humanity from labor and allow us to enjoy the abundance of the world is through the creation of money. Money that can be easily minted and used by anyone, based on economic gain without loss.

The German philosopher Karl Marx described an ideal society as an association of free producers who collectively own the means of production and are classless. Interestingly, today, autonomous collaboration and the sharing economy are already being realized through the open-sourcing of powerful AI models and the decentralized blockchain governance developed by Bitcoin and others. This marks the emergence of a new mode of production that differs from the traditional capitalist system.



Hernando de Soto, author of *The Mystery of Capital*, argued in his book that most of today's surplus value comes from "the mechanisms provided by the property system" rather than from "exploited labor hours." This suggests that systems like Bitcoin can create new economic surplus value beyond mere technological innovation, because blockchain technology removes the traditional centralized structure from the value creation process and provides a more transparent and trustworthy system.

We may be at a crossroads on the road to a new society, sparked by Bitcoin, but it's now in ETFs and favored by vested interests, and large amounts of it have already been mined and competition for mining is fierce. Furthermore, its rising price has made it an asset unsuitable for micro-payments. In light of these circumstances, we believe that bitcoin is likely to enjoy the status of a superior financial collateral to gold in the future.

If Bitcoin is the collateral of finance, the ReBUY project aims to create a crypto-currency that is safer and easier to use in real life.

Through the ReBUY protocol, we will experience a new type of platform that combines existing platform services with financial services. And by participating in ecosystem decision-making through DAO, we will have the opportunity to become new owners in a new era. We hope that the ReBUY project will bring opportunities and hope to all of us. Thank you.

I, We, ReBUY

March 27, 2025

Written by Red.