

# **REV**

## **White Paper**

### **1.0**



# Table of Contents

## Disclaimers

1. Overview
2. Problems of current financial system
3. Solution – REV Token
4. Token Economy
5. Developers
6. Roadmap



## Disclaimers

This white paper can be amended at any time without separate notification. This white paper is to provide general information, and it is not complete, comprehensive, nor final.

REV Token, or affiliated and/or related companies are not responsible for depending on or using this white paper, and do not guarantee the accuracy or the completeness of the white paper.

When risks explained below or additional risks that seem irrelevant as of now, they may give critical and negative effects to the commercial possibilities of REV Token, and they may cause the destruction, or the pause in development and operation of REV Token.

- ① REV Token may fail, be destroyed, or delayed due to many reasons including the lack of prospective on the development, evolution, or commercial success, and lack of users.
- ② REV Token may not be able to access their private keys, or become the subject of data breaches or loss. REV Token is planning to take rational security procedures, but the success of the preventive actions cannot be predicted.
- ③ REV Token's complete functions as currency may take longer than expected to be completed. The complete functions of the coin are not completed yet, and there is no guarantee on such completion.
- ④ Third party who acquired access to private keys related to the wallet can also access wallets, and such loss or destruction of private keys is irreversible.
- ⑤ Cryptocurrency is a subject of regulations by government agencies and other regulatory agencies, and REV Token be affected negatively by one or more measures.
- ⑥ The expectations of the buyers of REV Token on the form or functions of the platform may not be fulfilled at the time of distribution of REV Token due to many reasons including changes, delays, or differences in design or plans on execution.
- ⑦ Token transaction cannot be cancelled, and stolen or wrongly sent REV Token cannot be retrieved. As a result, wrongly conducted REV Token transaction can have negative effects on the values. Token transaction cannot be reversed either without consent and active participation of the recipient, or without control or consent of the majority of authorities in related blockchain in theory. When transaction is confirmed by and recorded on blocks added to blockchain, wrong transaction or theft of REV Token in general is irreversible, and there is no reward for such actions. Such loss can give negative effects on the values of REV Token.
- ⑧ Technical advancements such as development of decrypting or development of quantum computing may lead to the danger to cryptocurrency and REV Token because they may cause theft or loss of REV Token.



⑨ Cancellation or refund on purchased REV Token is prohibited.

## 1. Overview

The capitalistic economy that led the period of abundance in the last 50 years reached its limits with the global financial crisis from the United States in 2008. It is clear that capitalistic economy cannot be maintained in this situation because it is fundamentally failing to distribute wealth, and it caused many problems such as intensified economic inequality (concentration of wealth), extinction of jobs due to technical advancement, collapse of consumer market, and accelerated alienation of financial sovereignty. Hence, we are offering REX Token based on ERC-20 (Ethereum) as the solution.

In 2017, the market interests in cryptocurrency increased dramatically around the globe, and an economy system based on cryptocurrency occurred. To solve the problems mentioned above, we tried to make a method that utilizes blockchain technology in which people can participate easily by anyone by guaranteeing decentralization, and participate in investment through transparency unlike traditional economic system.

We at REV Team will utilize transparency and security against hacking of blockchain as solutions. The two aspects can verify that calculation of shares and rewards according to the amount of REV Token owned, as all transactions of all wallets are held in blockchain statement which allow the amount left in wallets at certain period of time, which is the key feature of blockchain. Also, because all transactions are connected and managed in one encrypted block, even when statement is hacked, the block is destroyed according to the consensus algorithm of blockchain. In other words, we wish to guarantee transparent rewards and safe transaction management to the users, as existing transactions are not changed maliciously.

REV Token with such features will focus on the convenience of the users by installing a function in which users can pay conveniently with cryptocurrency online and offline through introduction of domestic and international online and offline payment system using REV Smart Wallet that utilizes the exchange of cryptocurrencies such as Ethereum and Bitcoin. REV Team plans to suggest new change in capitalistic economy ecosystem through REV Token, which is managed with blockchain's dual security system.



## 2. Problems with current financial system

Humans are living in the most abundant world in the history. Such abundance is caused by the improvement in productivity due to the advancement of technology, and is also based on capitalistic system that maximized the society's ability to create credit unlike any other systems of the past. In particular, the effects of the ability to create credit with the global introduction of fiat money following the abolition of the gold standards that changed the rules of money in 1971, and the introduction of financial system centered on the fiat money were great. Also, capitalistic countries overcame critical economic crisis such as global depression that occurred several times through risk management, which led to the belief that capitalistic economy can overcome any crisis. However, after the global financial crisis in 2008, the belief was no more held true.

The current economic situation causes people to be worried about the fact that capitalistic economy is fundamentally failing to distribute wealth, and this may endanger the existence of capitalistic economy by destroying the ecosystem of capital circulation in the form of production-consumption-reproduction. The failures of the market from deterioration of distribution, along with technical advancement especially in information technology, reduce the necessity of human labor in industry unlike in the past where new technology created new job. This leads to the decrease in profit through labor and quality of general human labor, and people who are seriously thinking about questions such as how to maintain the capitalism when laborers cannot act as consumers due to reduction in profit from technical advancement, what are the alternatives when it cannot be maintained, and how to use blockchain technology valuably are also facing the problems faced directly by the society.

In this sense, before going into details of REV Token, it will be good to look closely at the problems of capitalism faced by the society, and then suggest new economic system based on cryptocurrency to solve the problems of capitalism.

### 2-1) Collapse of consumer market due to the failure of distribution

Overall profit from labor increased with increased productivity in capitalistic system after the Industrial Revolution, even with conflicts and crisis. Increase in profit led to the birth of many middle-class families and consumers with considerable purchasing power, and the economy grew continuously based on them. In 1980~2000, labor profit did not increase by much, but the economy seemed to develop without any problem.

If this period is looked more closely, the laborers of advanced countries maintained the level of consumption with liabilities of low interests without increase in profit, and they were able to consume almost every product and service without profit through finance. This is called 'financialization of economy.' Financial service area developed dramatically with advanced countries through



'financialization of economy,' and this made the economy look blooming. In this period, an unstable condition where capitalists and people with high incomes accumulated wealth through capital income, and most laborers maintained consumption with liabilities continued. Current capitalistic system(also called 'Neo-liberalism') based on financialization of economy,' caused more problems than previous capitalistic system, and Subprime Mortgage that affected the world in 2008 is the symbolic event that explains everything.

There may be many reasons behind the failure of distribution, but we at REV Team analyzed that one of the major causes is the corporate system that seeks to maximize the profit of the shareholders. Corporates are established with the goal to distribute more profit to shareholders as they are established from investment through issuing shares. Hence, most corporates chose to minimize the production cost and maximize the selling price, and this choice increased productivity per unit labor, which resulted in lowering the cost of labor in most business areas. During 400 years since the birth of corporates, humans enjoyed benefits from innovations made by corporates, but the problem is that wealth from increased productivity is focused on small number of shareholders(in shareholder capitalistic system), and is not distributed to majority of laborers who will consume the products and services.

Such systems of corporates are leading to the failure of distribution, and are accelerating the fall of laborers who must consume products made by corporates. Especially, in recent years where information technology and information goods are becoming more important in manufacturing, many global platform companies in forms of corporate were established, and concentration of wealth on global scale beyond national scale is occurring through such companies.

## 2-2) Problems of Financial Sovereignty

Everyone knows that finance in charge of creation of credit is important in capitalistic system, but they are either insensitive to or accepting without question the fact that power to make decisions on finance is not given to citizens. However, considering the fact that the basis of creation of credit is small credit of many individuals, it may lead to a question of why small number of financiers has the authority to make decisions. The problem of this structure is that small number of people monopolizes the authority to make financial decisions and the profits from decisions, but the responsibilities of the failure are placed on the majority of normal people with no authority. Decision that led to the bankruptcy of the Lehman Brothers was made by small number of financiers, but the responsibilities were placed on the society that provided credit. Also, creation of credit called loans operated by banks are decided by small number of financiers, and Satoshi Nakamoto, the alleged creator of Bitcoin, wrote down "Chancellor on brink of second bailout for banks" on Genesis Block created on January 3, 2009 to criticize the reality where financial sovereignty is gone.

With the fever of FinTech in 2016, and the development of P2P loans and crowd funding market, major countries including the United States of America set limits of individual investment on P2P loans and crowd funding. They prohibited opportunities of individuals to actively attain high profit with risks, and while this can be seen as an act of nations to protect individuals, but this can also be interpreted as excessive regulation to not give individuals authority of decision making in financial areas as such decisions can make various devices that adequately open chances of investment to individuals while investing wisely. For example, recently Russia made a policy that set limits of amount for participation in ICO to people, and made those who wish to invest more receive education from verified institutions. This is wiser method than setting general limits for individual investment.

Like the regulation stated above, attempts to prevent citizens from participating in high risk-high return investment by setting general limits on investment is recurring similarly in ICO market. Hence, under capitalistic and economic liberalism, laborers and citizens have no rights to make decisions, or 'financial sovereignty' on finance that affects them greatly.



### 3. Solution – REV Token

Interests in cryptocurrency market increased globally in 2017. Economy based on cryptocurrency is called *cryptoeconomics*, and there is a perspective that looks this as the new substitute. To solve the problems mentioned above using cryptocurrency, REV Team tried to make a method that utilizes blockchain technology in which people can participate easily by anyone by guaranteeing decentralization, and participate in investment through transparency unlike traditional economic system.

Blockchain technology in early period announced the beginning of cryptocurrency as it was applied to Bitcoin, but it was unstable because Turing completeness was not secured. Blockchain faced a huge change when Ethereum was developed by Vitalik Buterin in 2014. Ethereum, made through forking Bitcoin, stabilized cryptocurrency based on blockchain by securing Turing completeness through realizing smart contract technology. REV Team tries to present solutions through the advantages of REV Token based on Ethereum(ERC-20).

\* Smart contract: A program that records contract conditions in the blockchain and automatically executes contracts if conditions are met.

#### - Blockchain's transparency and safety against hacking

One of the core features of blockchain technology is that many decentralized nodes have the same statement. This is advantage not possessed by traditional centralized economy.

The first advantage is transparency. All transactions of all wallets are held in blockchain statement, which allows the amount left in wallets at certain period of time. This means that calculation of shares and rewards according to the amount of REV Token owned can be verified transparently.

Second advantage is security against hacking. REV Token transaction records are saved perpetually on blockchain network. This means that all transactions are connected and managed in one encrypted block, and to change the previous transaction record, new block after the transaction record is saved must be made. Even when statement is hacked and creates new block, the block is destroyed according to the consensus algorithm of blockchain. In other words, REV Token guarantees transparent rewards and safe transaction management to the users, as existing transactions are not changed maliciously.



## 4. Token Economy

REV Token has total issued amount of 350,000,000 coins, and it can be exchanged freely with various cryptocurrencies in REV Platform. In other words, by exchanging cryptocurrencies used in other blockchain networks with REV Token, it is relatively more stable to liquidate them by escaping from the threats of other cryptocurrencies with highly volatile price.

### 4-1) REV Token's Utilities

- Domestic and international online and offline payment system

REV Team offers payment system focused on users by using wallet inside REV Platform. Also, it is possible to pay with cryptocurrencies domestically and internationally online and offline. REV Smart Wallet is safe from external hacking, loss, or theft as it is linked perfectly with autonomous dual hybrid hard wallets. It also prioritized the convenience of the users through easy payment with low fee.

Also, REV Team is planning to suggest new direction of FINTECH industry beyond simple payment platform through air drop and community functions of REV Smart Wallet.

### 4-2) REV Token Overview

Project Name	REV Token
Token Type	ERC20(ETH)
Token Ticker	REV
Token Decimals	18
Total Token Supply	3,500,000,000 REV
Token Contract Address	0xfdc4dea150d3e535856b7f6415f033d2f358f76a
Webpage	<a href="http://revproject.jp">http://revproject.jp</a>



## 5. Developers

### Engineer



**Tiago Ribeiro**

#### Engineering

As the co-Chief Technology Officer at Uphold,

Tiago is responsible for solving mission-critical problems and designing scalable systems while following best engineering practices.

Before becoming part of Uphold's founding team in 2014, Tiago was Lead Engineer at Seegno, a digital media company focused on combining great design with technology that he co-founded in 2008. He has a Masters Degree in Computer Science from Universidade do Minho, PT.



**Pedro Branco**

#### Lead Software Engineer

Pedro is a software engineer with a passion for blockchain technology.

A highly experienced engineer,

Pedro joined Uphold in 2016 and is responsible for blockchain network integration, together with designing and implementing scalable solutions to industry-renowned standards.

He has a degree in Computer's Science from Universidade do Minho, PT.



**James Zhao**

**Senior Software Engineer**

Co-founder of Thought & Function.

8 years of experience in software development while working in both banks

tech consulting firm such as Barclays and KPMG

DApp developer with a focus in delivering blockchain projects in the fintech space

BEng Electronic Engineering from Warwick University



Advisor



**Tor Halvorsen**

Technology Advisor

Expert in video communication technology with 15+ years of experience  
in industry leaders such as Tandberg and Cisco Systems



**Shawn Tham**

Marketing Advisor

Shawn is a serial entrepreneur with successful track record in developing international business.

Founder of blockcrypto.io



## 6. Roadmap

