

# CONUN BUSINESS PAPER

## Blockchain-based Distributed Supercomputing Platform



# CONUN

## Distributed Supercomputing Platform

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This document is designed to describe the progress of the CONUN project based on the technical white paper and development roadmap of the CONUN. For more information, see the official site of the CONUN. Check it at [www.conun.io](http://www.conun.io)

This document provides a brief introduction to CONUN, which is described in five parts. We first give a brief description of what a CONUN is, and then we explain CONUN's platform and ecosystem. It introduces CONUN's business activities to complete and extend the CONUN platform and describes the token and fund management that is issued for the business activity.

# 1. CONUN INTRODUCTION

CONUN is a platform that builds a horizontal distributed desktop computing system to share idle processing resources on personal computers to handle multiple projects that require high performance computing resources. This platform includes sharing resources on personal computers as well as on personal smart phones.

CONUN connects personal computers from the Internet to a P2P network and configures them so that requester for applications that need high performance computing power can lease some computing power from the computers of the person or group that want to share their computing resources. This configuration can help you perform projects that typically require high-volume processing and long-time processing.

CONUN implements methods to organize the processes required from the requestor's applications and effectively execute them on distributed computing resources. These methods reduce computing time and make complex applications, such as scientific calculations and machine learning, easier to use on behalf of costly cloud computing services.

CONUN will create a platform ecosystem by applying blockchain technology to participants within the platform. It is used to record and manage all transactions that occur within our distributed supercomputing platform. In addition, information related to application processing requests and compensation is written in Smart Contract and distributed through blockchain networks. Therefore, all transactions made on the DSC platform are stored on all nodes in the blockchain network and can be understood through a specific site. Now that we are developing an Ethereum network, we will basically use its dev environment and cryptographic and mining, which will be based on CONUN's main network. In addition, some of the distributed supercomputing platforms that we developed will be released in the future, and we will build a collaborative environment to enable collaboration with various application developers or communities.

## 2. CONUN ECOSYSTEM

The CONUN platform ecosystem can be divided into two main categories: First, the physical and technical DSC area that completes the distributed Supercomputing platform and secondly, the economic, social and cultural area that is created by participation among participants within the platform, the BlockChain CON part.

The DSC area has been developed for a very long time in many industries, including grid computing, storage, file sharing and the cloud. Technology has been developed to share a large number of computer resources, but so far there has been limited rewards available to participants who share resources. We're working on the project to focus on the advantages of decoupling and decentralizing these IT technologies and providing reasonable rewards to participants by integrating them with blockchain technologies that are open to everyone.

In the early days of technology development, we will use our own token based on the Ethereum Block chain to provide value for distributed desktop computing to the requester, supplier and investors participating in the platform. Tokens serve as a payment medium for processing

distributed computing services in the platform ecosystem, and requestors and suppliers can use tokens to pay for the use of computer resources.

CONUN provides a horizontal, distributed computing power sharing platform that is open to all application requesters and operators who need computing power, and provides cryptographic assurance to ensure that all participants have a convenient transaction. However, we understand that there are a lot of limitations to applying to all the CONUN projects with Ethereum-based tokens as payment means to operate our platform ecosystem.

The CONUN platform ecosystem will be constructed and developed with the following objectives.

1. Development of DSC dev/environment testing using ERC20 token based on an etherium blockchain
2. Server & Client Application development as to environment of OS such as Windows, Linux, Mac
3. Develop CONUN Block Chain Technology for Distributed Supercomputing Platform Environment and Coordinate Coin Ecosystem
4. Build CONUN Universal Network Platform for individual nation

We will develop a DAPP using an Ethereum Block Chain, conduct our own environment test by operating system and device, and develop our own CONUN Blockchain Coin, often referred to as the main net. We plan to service the CONUN Coin, which is applicable to the entire ecosystem of distributed supercomputing platforms such as block generation, verification, trade and inflation.

We are developing early versions of the prototype as described in our technology roadmap, which will be released in early 2019 under the name of Alpha version and the concept of nodes in Iderium. In addition, we will design blockchain technology that enables distributed supercomputing platforms to become global service and provide real-time electronic payment without delay and boasts immediate and fast TPS technology to carry out test network. After analyzing, correcting and supplementing issues arising in the testing phase, the environment required for actual service (e.g. related websites) will be prepared in late 2019 (Late 2019) or the 2020 market version.

In the test network, by default, client programs that make up the nodes required for DSC operation are operated, which would constitute an environment in which a docket (test token) can be held, transaction logging, and requesting and processing computing resources. Based on this, the main network will be implemented in the future, which is an environment where actual CONUN COIN can be utilized.

The profitability of users will be based on the performance of the computer resources they own (CPU, GPU, RAM, storage, network, etc.) and the degree to which they participate in the project. It depends on the level of compensation that the requestor for the distributed processing project has. For example, if a project is purely research-oriented, such as a BOINC project, the return on a daily basis may be small given the current case, but if it is a commercial-purpose project, it expects to be rewarded more. To that end, as mentioned in the white paper, we will establish and proceed with a basic strategy by absorbing commercial projects carried out by companies or organizations in addition to purely research purposes such as those conducted by existing laboratories.

In contrast, we need to consider simultaneously the profitability of the requestor who initiates the project, that is, distributed computing users. The profitability of the provider cannot be taken into account because the claimant's compensation system must be built so that the requestor's costs are significantly less than the cost of purchasing existing cloud computing or equipment. Therefore, we will establish a compensation system that will maximize profitability of both sides (providers and requesters) using flat products.

Additionally, the profitability of consumers will not be determined solely by the rewards of participation in the platform. Basically, as users increase and our platform uses increase, the inflationary effects of scale can be included as additional revenues. We also expect that additional services (e.g. advertising/survey, etc.) can generate additional revenue.

So, we're going to have a lot of thinking in a test network environment, and we're going to make a final decision to complete the ecosystem. Another example would be to think about the cost of using the platform. This applies to both providers and providers. Whether to establish a fee/compensation policy in print or mining as part of the process of generating, validating and agreeing on transaction transactions in the structure of the block chain is currently in a non-obvious phase. Whether to adopt consensus algorithms such as eiderium at present or design other consensual protocols, or whether to reward participants based on their basic compensation and distribute different rates according to their resource usage. We plan to donate some of the

fees generated within the platform to the pure research program at the same time. Depending on the extent to which the main network is running and the platform is stabilized in the future, specific policies for fees will be configurable.

Our ecosystem of the CONUN platform plans to build a main network through these diverse concerns and research and development, and then turn existing participants' tokens into a coin through the cryptographic exchange and foundation.

We will expand our distributed supercomputing platform ecosystem to suit the business activities of each country.

### 3. CONUN BUSINESS

We have a lot of technical and business activities so far, and we will continue to strive for CONUN's diverse business development by participating in many business activities. CONUN's business model is to build a distributed supercomputing platform and to link with the platform with On/Offline Shopping Mall, AD Service, Survey Service, Media Service and Message Service.

We held a distributed supercomputing technology seminar of about 500 people in Korea in April 2018. A group of experts, professors, engineers, and agencies interested in the block chain participated. We are hosting or attending a small technical seminar in Korea to introduce CONUN's technology and form a blockchain network.

We are currently engaged in the following business activities.

- We are currently the largest shareholder of KOSDAQ, the Korea Stock Exchange. Other Kosdaq listed companies are also discussing the acquisition of managerial control by KOSPI listed companies.

- We have signed a joint business investment agreement with JBJ Group in Myanmar and have entered into the Southeast Asian entertainment, distribution and broadcasting industries. The idol group "RoseQuartz" is growing up the entertainment industry in Myanmar and Southeast Asia, and has come with many GOODS, including concert tickets, MD products, cosmetics and clothing. Development is being prepared to apply CONUN's Electronic Payment Service (CONPAY) offline. CONPAY will operate within CONUN's test network and will be an important environment.
- We are also planning to service the cryptographic exchange in Myanmar around January 2019. The e-payment service, CONPAY, will break the barriers of the block chain by enabling payments in real time and large-volume processing, linked to the cryptographic exchange, to open a new way for payment settlement. We will introduce the concept of payment guarantee and support secure TPS. And we plan to conduct beta, field testing through the encryption exchange and CONPAY in Myanmar.
- CONUN plans to expand the application of physical transactions to secure potential participants of the DSC platform by opening an encryption exchange in Southeast Asia, including the Philippines and Vietnam.
- Similarly, we plan to introduce various coinage technologies in Japan and provide P/G in payment guarantee through business activities. He has been working with Hallyu Entertainment Company. It will be expanded by applying CONPAY, an offline e-payment service.
- We understand that establishing an encryption exchange or listing a CONUN in Japan is difficult and plan to link Korea and Japan's CONPAY by serving the encryption exchange in Korea or listing the CONUN on the local cryptographic exchange.
- We are watching China with a very important interest. China has developed its IT industry at a tremendous rate, and IT technology, IT infrastructure and engineers are also growing at an alarming rate. We expect important participants in China to play a pivotal and key role in the evolution of the DSC platform. In response, we have established a working partnership with Bong Hwang Network, a China-Korea Internet news agency, to conduct a joint venture with the CONUN block chain, to continuously introduce the technology of DSC in China.
- After signing a business partnership with the Seoul Opera Company in Korea, we are planning to use the CONPAY to sell concert tickets to the Seoul Opera.

- Also, we participated in the WBF (World BlockChain Forum) as a welcome sponsor on September 13, 2018 to introduce CONUN and to exchange technologies with China and Korea's blockchain companies.

At the same time, we will establish a business plan for the participants in the CONUN platform. The current DSC platform is developed primarily for desktop users. Therefore, anyone who wants to join the platform must install a desktop PC client program. As a way to secure these users, we will secure early users by marketing to experts such as the blockchain community, artificial intelligence/dipping community, and also install clients in PC rooms around the country, as is known in our business plans. Also, through general promotion, marketing means, social marketing, and media marketing, I intend to encourage participation of general use.

Mobile APP is developed for the purpose of viewing and managing user information and basic information provided by the DSC platform. It is also used for token support purposes. Therefore, we will promote and encourage all users who install PC programs to install mobile apps.

We will introduce CONUN in Korea, Japan, and Southeast Asia, and carry out various activities to connect with distributed supercomputing platforms and to expand our business towards CONPAY. In addition, China, which is confident that DSC is an important technical and business hub, will continue its business activities and deliver various news.



## 4. CONUN TOKEN

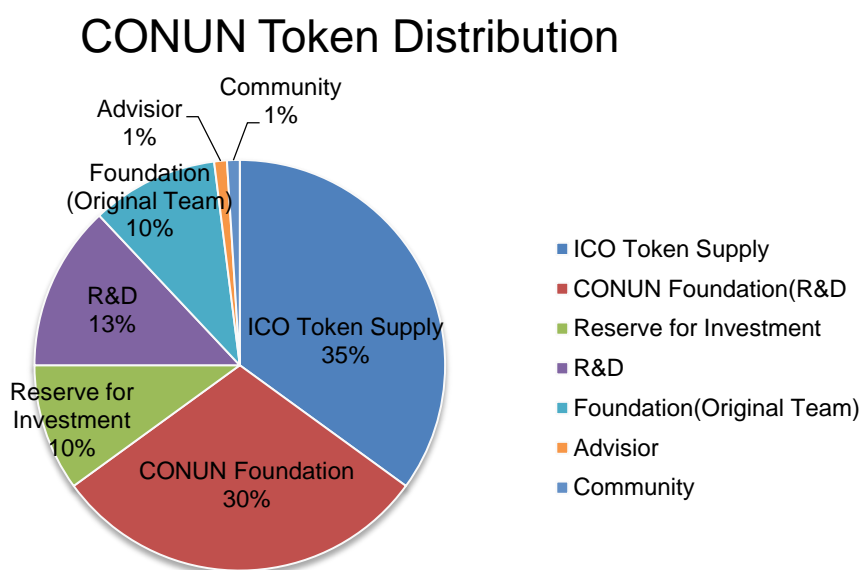
We plan to participate in pre-sales activities in order to succeed in the CONUN project, and we plan to issue an ERC20 token based on etherium. In addition, the DAPP distributed supercomputing platform will be developed as an initial version of Alpha Computer to create a test environment, and will be converted to coin by configuring the main network.

After token and main network switching, the ratio of configuration is the same, and the operation of the fund may vary according to the policy of the foundation.

The CONUN token is Ethereum ERC20 Token, with a total circulation of 5,000,000 CON, and the configuration of the token is allocated as follows.

30% of the CONUN Foundation, 10% of Foundation Original Team, 13% of R&D Team, 10% of Rescue for Investment, and 23% of the funds will be based on the foundation's development and business plan. The 2 percent-assigned Advisor, Community, etc. will be distributed in six months of the public offering according to the foundation's operational policy.

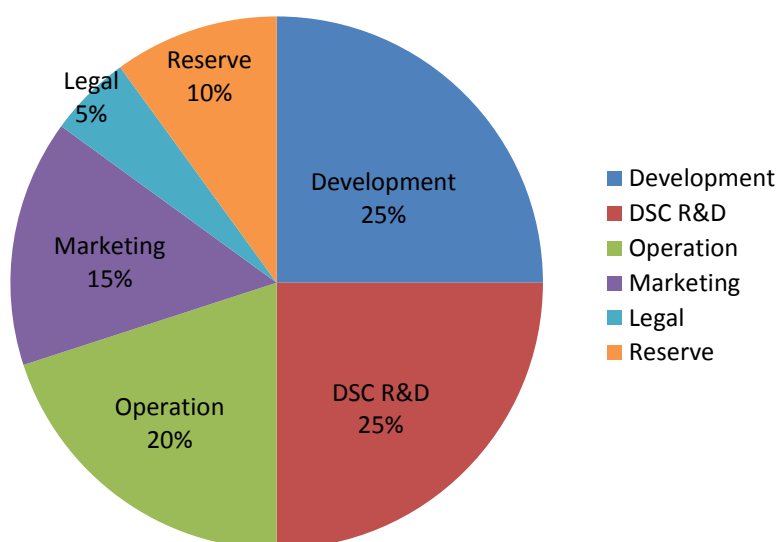
Of the 10 percent of the Organization's (Original Team), 5% will be used as a business operation fund for co-founders linked to the CONUN. This is divided into efforts and future rewards. We will minimize the impact on the market, and the impact will not be significant. The remaining 5% will go through at least six months of probation.



We will create an operating fund without having a dramatic impact on the market. We will sell 17.5 billion CON, 35% of the total issuance, per country. If the amount of funding we want from the token assigned to the ICCO Token Supply has not been achieved by the target amount we want, we will establish a policy to reward the participants in the platform ecosystem. The typical purchase price is 0.03USD/1CON, which varies depending on the volume of purchase.

We will not be able to operate funds anywhere other than the CONUN Project, the funds raised will be transparently disclosed through the Foundation's wallets, and through a transparent audit, we will: The long term DSC R&D operation will operate under the R&D plan, such as Deep Learning, Big Data analysis, AI research projects, and 25 percent of the service will be developed by the cryptographic exchange, AD services, and P/G services. The fund will be operated by operating companies under the foundation, marketing, and legal expenses.

### CONUN Fund Allocation



## 5. ICO PLAN

We plan to hold a pre-sale service on the official site([www.conun.io](http://www.conun.io)) and sell 35% of the total issuance. The ICO Start Date is from 20 October 2018 and the End Date is from 20 November 2018.

We will sell tokens by region to Korea, Japan and other countries. Owners of nationalities who are unable to participate in ICO are not allowed to participate.

The pre-sales will be carried out in two phases, with an estimated ICO practice of 0.03 USD/1CON and a Hard Cap 52,500,000 USD / Soft Cap 24,000 USD.

After the token sale is complete, the locked Token will be sent to the donors' wallets for a certain period of time for security policy reasons.

Further information will be provided through the official site([www.conun.io](http://www.conun.io)) in the future.

Available at

- ◇ Official website: [www.conun.io](http://www.conun.io)
- ◇ Official Blog: <https://brunch.co.kr/@conun>
- ◇ Official Twitter: <https://twitter.com/conunglobal>
- ◇ Official Facebook: <https://www.facebook.com/conun.io>