



Whitepaper
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Precautions

This White paper is intended to provide information about the Treecle (TRCL) project and Treecle (TRCL) Token, and to share the vision of development of the Treecle (TRCL) project.

Our project team does not, and will never encourage anybody to invest in us, and again, this white paper is not intended to encourage you to invest. The purpose of the white paper is to provide business models, platform uses, and technical details about Treecle (TRCL) project.

Because this white paper is not intended to encourage investment, nothing listed on the white paper is accurate or warranted. Moreover, remember that this white paper is based on the status at the time of its preparation, so it may be modified or changed in the future and may change from time to time depending on the market and our project team's conditions.

We recommend that you fully understand and analyze the relevant factors and risks before participating in the Treecle (TRCL) project or purchasing Treecle (TRCL) Tokens.

(I) Global market and economic conditions may prevent the Treecle (TRCL) Token from funding or the Treecle (TRCL) Token ecosystem from being maintained in the intended direction due to the risk of changes in the value of the Treecle (TRCL) Token.

(II)When you lose digital wallets stored with Treecle (TRCL) Tokens, it will be considered as the buyer's fault, and we will not be in care for anything.

(III) Social, political, or cryptographic environment changes and regulations in each different countries can affect the Treecle (TRCL) project significantly.

Precautions

In addition, this white paper has no objective value, because as we mentioned, everything written is our Treecle (TRCL) project team's opinion-based paragraphs. Roadmap and future plans are just plan as it's written. Things could be changed anytime during the project period.

Again, we do not bear any responsibility with regard to our white paper.

Executive Summary

What is Treecle (TRCL)?

Treecle is a platform Dapp that provides a variety of vehicle services including used car sales and rental, and provides convenient and transparent electric vehicle (EV) and plug-in hybrid electric vehicle (PHEV) related services through blockchain technology. Treecle, a compound word of Tree and Vehicle, started the business to share its abundance of leaves (Information) and good fruit (Service) with all users, originated from a strong tree that absorbed good nutrients (Data) from its roots.

To achieve this goal, Treecle will solve the problems that have been continuously raised by existing electric vehicle users through innovative EV and PHEV charging services and car accounting platform, and continue to develop an ecosystem for eco-friendly vehicles in line with the global trend toward eco-friendly transportation.

Users who use electric vehicles can pay for vehicle charging by using Treecle Token (TRCL), and receive tokens as rewards through charging station reviews and driving mileage. In addition to charging related services, Treecle provides a car accounting function optimized for electric vehicles.

In addition, we plan to provide a decentralized finance (DeFi) service, to stabilize the long-term value and create additional benefits of TRCL tokens that can be used for various services. Treecle also offers various benefits to users, and provides unprecedented discounts on vehicle-related services required by anyone who owns a vehicle, such as charging coupons and car wash coupons, thereby attracting and retaining new users.

Through these services, Treecle will become an essential item and a reliable assistant for anyone who owns an electric vehicle (EV/PHEV), regardless of vehicle type.

Executive Summary

What is Treecle (TRCL)?

Woorim Co., Ltd., the parent company of Treecle, specializes in manufacturing parts for specially equipped vehicles including forklifts, starting with the production of precision jig fixing devices.

Woorim Co., Ltd., which has grown steadily with advanced technology in the field and has annual sales of 10 to 20 billion won, recently started research and development of secondary batteries based on the know-how gained in the production of specially equipped vehicle parts. With this as the main business in the future, they are preparing to emerge as a leader in the electric vehicle and next-generation transportation market with Treecle.



<Woorim Co., Lt>



▲ Woorim Co., Ltd. Headquarters



▲ Woorim - Cartree Acquisition Article (2021. 2. 9.)

Ecosystem



01 Charging Station
Combination of the parent company's secondary battery manufacturing technology and Treecle's platform

02 Blockchain Accounting
Vehicle management and operation records specialized for electric vehicles and plug-in hybrid vehicles

03 Collateral Benefits
Variety of vehicle-related coupons and discounts for Treecle members

04 DeFi Service
Earning profits just by holding and trading Treecle tokens

Treecle Smart Charging

1. Treecle Smart Charging

Treecle Smart Charging is a new concept of electric vehicle charging service created by the combination of the secondary battery and vehicle parts manufacturing technology of Woorim Co., Ltd., and Treecle's platform operation and management technology.

The penetration rate of electric vehicles is increasing day by day. On the other hand, however, the infrastructure for charging electric vehicles is still lacking. In addition, due to the nature of electric vehicle charging stations, which are mostly operated unattended, maintenance and management are not performed smoothly, causing complaints from users.

Treecle is a platform that will allow electric vehicle drivers to charge more conveniently in this current situation.

A. Location-based Charging Station Navigation



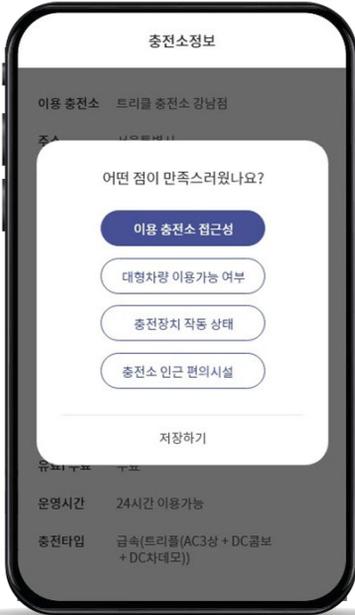
Treecle Smart Charging finds the nearest and most suitable charging station for the vehicle based on the driver's location. When the user enters information such as the type of charge and average charge time of the vehicle owned, the Treecle App automatically finds a nearby charging station based on the location of the vehicle. At this time, the user's location information is processed on the blockchain server, so it is safe from information leakage.

Afterwards, when you select a charging station in the Treecle App it will be automatically connected to the navigation application in conjunction with the existing map App and the navigation App.

Treecle Smart Charging

1. Treecle Smart Charging

B. Charging Station Reviews and Rewards



After using a charging station, the user can leave a review of the charging station and give a star according to various criteria.

If you evaluate the accessibility, availability for large vehicles, operation status of the charging device, and the availability of amenities such as toilets near the charging station, you can receive TRCL tokens as a reward.

User reviews are stored on the blockchain server and cannot be forged or altered, and users' visit information and personal information are also stored safely.

C. Treecle Charging Station and Token Payment System



Woorim Co., Ltd., the parent company of Teecl, has been manufacturing parts for electric special vehicles such as forklifts for a long time, and is currently under research for the development of secondary batteries as a new business. A stable charging begins by storing power in the charging station itself before supplying it to vehicles. Therefore, Treecle will develop a charging terminal that meets the needs of consumers based on the technology of the parent company and introduce the TRCL token payment system for the charging terminal developed. In addition, after charging with TRCL tokens at a Treecle charging station and traveling a certain distance within a certain period, the user will be paid the driving mileage in TRCL tokens.

Treecle Smart Charging

1. Treecle Smart Charging

D. treecle open community



Treecle provides a location-based compensational community. Based on their location, users will be able to share nearby drive course information, find drive partners, and provide reviews and information about restaurants and cafes on the drive course. Users who contribute to community activation with active activities will receive TRCL tokens as rewards. It also provides market functions so that users in nearby locations can trade car supplies quickly. In this market, car supplies, gas tickets, and car wash tickets sold by Treecle headquarters can be purchased by using TRCL tokens at lower price than market price.

Treecle service

2. Treecle EVolution

Treecle EVolution is a compound word of Electric Vehicle (EV) and Solution, and is a blockchain car account book service that provides solutions for electric vehicle users to maintain and manage vehicles.

Unlike conventional internal combustion vehicles, electric vehicles have different insurance premiums and tax calculation procedures, and the replacement cycle of consumables including tires is also different. Treecle EVolution will actively reflect these aspects and continue to improve them.

Users can not only create their own car account book, but also share their vehicle management records and tips for their own electric vehicles with other users. Treecle (TRCL) tokens can be earned as rewards to the car account book creator who record a high number of views and become a reference to many electric vehicle drivers.

Existing Vehicle Accounting Function

(Regular maintenance notification, Auto tax and insurance payments record, Vehicle supplies expenditure record, etc.)



Tire Replacement
Notification

The empty vehicle weight of an electric vehicle is heavier than that of an internal combustion vehicle. Also, unlike internal combustion engines, electric motors tend to wear tires severely because maximum torque is transmitted to the wheels at the moment of power up. **Therefore, the tire replacement cycle is shorter than that of an internal combustion vehicle.**

Charge Cycle
Notification

In order to maintain the maximum performance of the lithium-ion battery used in electric vehicles, **it is necessary to charge it so that it is not 'completely discharged' even when the vehicle is not used for a long period of time. In addition, it is necessary to 'fully charge' once a month using a 'slow charge' method.**

Temperature
Notification

Lithium-ion batteries suffer from deterioration when they remain in excessively high temperatures. **Therefore, indoor parking and cruise driving are recommended in hot summer weather.**

3. Vehicle Related Service Benefits

If you own a vehicle, there are a number of vehicle-related services that are not optional, such as gas, car wash, maintenance, etc.. Thus, Treecle DApp regularly holds events that allow users to purchase these services using Treecle (TRCL) tokens with unprecedented discounts. These events are held with a portion of the profits from the Treecle project along with business agreements with related companies.

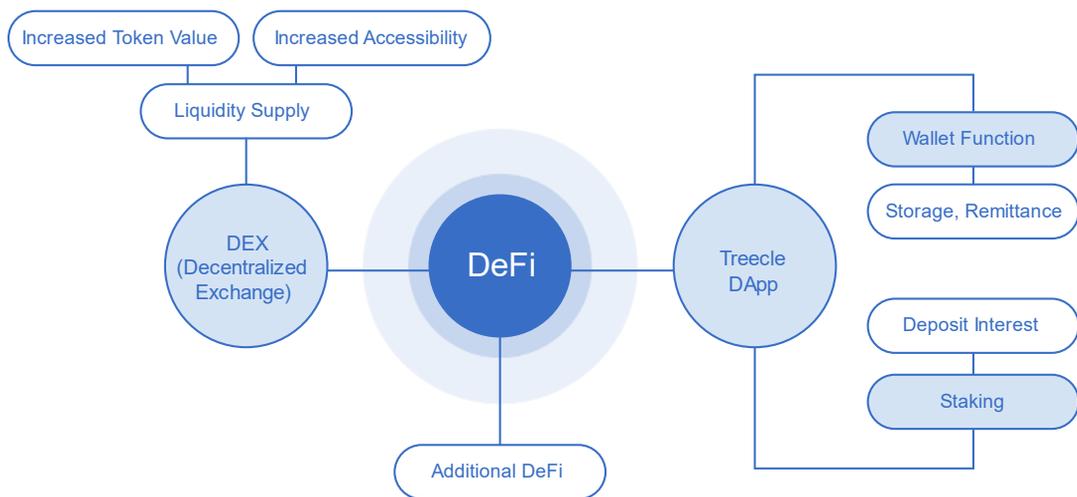
Even for users do not wish to purchase or rent a vehicle, there are benefits that can be obtained just by using the Treecle DApp and holding TRCL tokens, which further expands the user base of Treecle, thereby increasing the awareness and marketing effect of Treecle. In addition, events are notified by push notification without prior notice and closes on a first-come, first-served basis, thus inducing users to always be aware of the existence of Treecle.

The types of services covered by the discount will continue to expand, and events will continue to be held. Through such breakthrough marketing, Treecle intends to establish itself as a reliable partner and a necessity for drivers who stay ahead of the trend.

Treecle service

4. DeFi Service

Since Treecle (TRCL) tokens can be used for services such as Smart Rental just by holding them, the stability of the token value acts as an important factor because due to its high long-term utilization within the ecosystem. Decentralized finance, or DeFi service, can greatly help to increase the intrinsic value of tokens by creating additional value along with long-term value stabilization.



- **Treecle DApp has its own wallet service and staking functions activated, so users can utilize services such as storage, remittance, and deposit of TRCL tokens. More functions will be added continuously for user convenience and profit.**
- **In addition, Treecle will supply liquidity to large decentralized exchanges (DEX) such as Uniswap, in order to improve token value and accessibility.**
- **Treecle will also increase the utility of TRCL tokens through cooperation with various companies that provide DeFi services.**

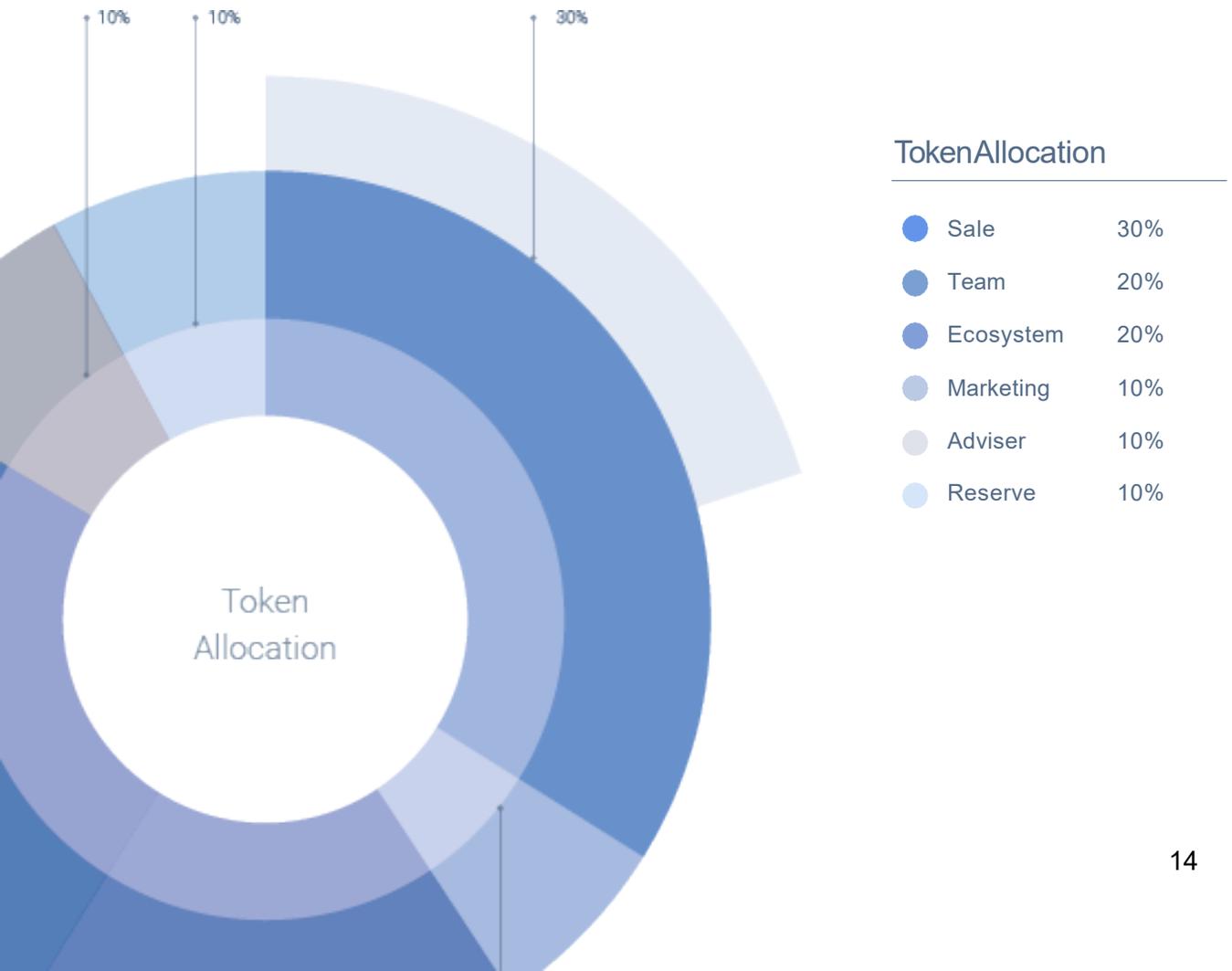
TRCL token's DeFi service does not end here, and will be constantly updated to meet the trends of the DeFi ecosystem that continues to evolve.

Token Allocation

The issuance of TRCL token is for the development the Treecle DApp and the formation of TRCL ecosystem, and the number of initial issuance is 2 billion TRCL. By burning 1 billion tokens in the process of rebranding, the current total issuance is 1 billion TRCL .

- Sale 30%
- Marketing 10%
- Ecosystem 20%
- Project Team 20%
- Adviser 10%
- Reserve 10%

※ The token distribution plan may change depending on the progress of the project's roadmap, changes in the situation, and changes in the TRCL market price. The remaining quantity after distribution shall be burned in principle, but may be sold through the exchange or to a third party depending on the project funding situation.



Token Allocation

Plans for the TRCL Tokens distributed for sales

Treecle DApp and Programming Cost	Expenses for developers and engineers in the TRCL project team.
Service Cost	Expenses for service and management personnel, as well as office and store operation for the TRCL ecosystem.
TRCL Server Cost	Expenses for the TRCL blockchain server management and expansion when more users join the Treecle (TRCL) DApp.
Service Center Cost	Customer center care, service center's member care.
Marketing Cost	Cost for online and offline marketing. Planning to attend lots of motor shows to have a good reputation.
Listing Cost	Listing fees and operating expenses for domestic and global exchanges.
Legal and Accounting Cost	Expenses for legal opinions and accounting advice in each country that TRCL may be used for transaction.

Roadmap

2023

[1th quarter]

Add in-app KSP payment method
Global Partnership

2023

[2nd quarter]

TRCL game officially released (reward system)
Promotion of listing on exchange

2023

[3rd quarter]

3D NFT Production
Marketing Partnership

2023

[4th quarter]

Additional EV charger supplies on the market
3D NFT, Applying to apps

Legal Disclaimers

The main purpose of this white paper is to deliver the idea and information about our Treecle (TRCL) project, and it is merely an indicator for future plans.

This white paper is not meant to a proposal for securities issuance, nor is it trying to encourage, advise, or give direction to any form of investment to anybody. The information contained in this white paper is clearly not related to stocks or securities, and thus market participants must keep in mind that Treecle (TRCL) Tokens do not grant dividends or voting rights to anybody and refrain from participating for above reasons. Although we will continue our legal review of the contents of this white paper, we do not guarantee the legality of this white paper, misconduct of third-party rights, commercially useful value retention, and the integrity of the contents of this white paper.

Again, the Treecle (TRCL) project team will not bear responsibility for any kinds of financial decisions, financial damages, financial losses resulting from or relating to the contents of this white paper, and does not guarantee any future profits of losses from the transaction of coins or tokens related to this white paper.

Legal Disclaimers

Before participating in our Treecle (TRCL) project, we suggest seeking advice from relevant experts such as lawyers, financial specialists, tax professionals, etc. before making the decision under one's own responsibility. In addition, the written information on this white paper does not warrant future development of products and services to be provided by Treecle (TRCL), and the roadmap presented in the white paper is only a reference to future developments of the Treecle (TRCL) project, and may change depending on the conditions of the Treecle (TRCL) team.

This white paper and related documents can be translated into languages other than English, and if there happens to be an inconsistency between the English version and other language versions, the Korean version will be applied preferentially.

The scope of legal disclaimers of the Treecle (TRCL) project team and Treecle (TRCL) Token will not be limited to the contents mentioned above. And for the last time again, we will not take any single charge for those who break our Treecle (TRCL) regulations.