



WHITE PAPER ENG VER

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CERTIFICATE OF COMPLIANCE

CYCLEAN PTE LTD

THIS IS TO CERTIFY THAT

0x749f35ff65932e68267dd82f6cd85eea735d700e

complies with the requirements of Ethereum's ERC20 standards and has been audited & certified by Blockchain Research Institute and found no security vulnerability.

22 July 2018

Date

BusisI

Signature





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1. Disclaimer

The information presented in this report is confidential and privileged. If you are reading this report, you agree to keep it confidential, not to copy, disclose or disseminate without the agreement of CYCLEAN PTE LTD. If you are not the intended receptor of this document, remember that any disclosure, copying or dissemination of it is forbidden.





2. General ICO Information

Company name: CYCLEAN PTE LTD

Whitepaper distribution source: https://cyclean.io

Name: CyClean Coin

Token: CCL

Platform: Ethereum

Type: ERC20

Total Issue: 4,000,000,000

Price: 1 CCL = 0.0001 ETH

Soft Cap: 3,000 ETH
Mid Cap: 50,000 ETH
Hard Cap: 106,000 ETH

3 Overview of the Audit Procedure

An audit is performed on the CyClean smart contract; the code is written in Solidity and makes consistent use of the community recommended methods defined in the Open-Zeppelin library of ERC20 smart contracts. We used several automated Solidity analysis tools. After that smart contracts were manually analyzed, their logic was checked and compared with the one described in the whitepaper.

4. Checked Vulnerabilities

We have scanned CyClean Smart Contracts for commonly known and more specific vulnerabilities. Here are some of the commonly known vulnerabilities that we considered (the full list includes them but is not limited to them).

Reentrancy (not found)

Any interaction from a contract A with another contract B and any transfer of Ether hands over control to the contract B. This makes it possible for B to call back into A





before this interaction is completed. Furthermore, you also have to take multicontract situations into account. The called contract (B) could modify the state of third (C) contract you depend on.

Timestamp Dependence (not found)

The timestamp of the block can be manipulated by the miner, and so should not be used for critical components of the contract. Block numbers and average block time can be used to estimate time, but this is not future proof as block times may change.

Gas Limit and Loops (not found)

Loops that do not have a fixed number of iterations, for example, loops that depend on storage values are insecure. Due to the block gas limit, transactions can only consume a certain amount of gas. Either explicitly or just due to normal operation, the number of iterations in a loop can grow large enough, so required amount of gas exceed block gas limit. This cause the complete contract to be stalled at a certain point. This may not apply to constant functions that are only executed to read data from the blockchain. Still, such functions may be called by other contracts as part of onchain operations and stall those.

DoS with (Unexpected) Throw (not found)

Vulnerability of this type are intended to make the contract unavailable to achieve the purpose for which it is designed. In this case it is due to the unexpected throw.

Transaction-Ordering Dependence (not found)

Since a transaction is in the mempool for a short while, one can know what actions will occur, before it is included in a block. This can be troublesome for things like decentralized markets, where a transaction to buy some tokens can be seen, and a market order implemented before the other transaction gets included.

tx.origin (not found)

Using tx.origin for authorization is insecure.





Exception disorder (not found)

In Solidity there are several situations where an exception may be raised, e.g. if (i) the execution runs out of gas; (ii) the call stack reaches its limit; (iii) the command throw is executed. However, Solidity is not uniform in the way it handles exceptions: there are two different behaviors, which depend on how contracts call each others. The irregularity in how exceptions are handled may affect the security of contracts.

Gasless send (not found)

When using the function send to transfer ether to a contract, it is possible to incur in an out-of-gas exception. This may be quite unexpected by programmers, because transferring ether is not generally associated to executing code. The reason behind this exception is subtle. This is due to the fact that function C.send (amount) is compiled in the same way of a call with empty signature.

Malicious libraries (not found)

Unsafe type inference (not found)

Implicit visibility level (not found)

5. Audit Findings

An audit is performed on the CYCLEAN smart contract; the code is written in Solidity and makes consistent use of the community recommended methods defined in the OpenZeppelin library of ERC20 smart contracts.

Critical Severity

No issues of critical severity.

High Severity

No issues of high severity.

Medium Severity

No issues of medium severity.





6. List of Audited Files

Token minting address: 0x749f35ff65932e68267dd82f6cd85eea735d700e

GitHub repository: https://github.com/cycleanio

CCLToken.sol ERC20Interface.sol ICOEngineInterface.sol KYCBase.sol KYCBaseTester.sol Migrations.sol SafeMath.sol coin.sol TokenSale.sol

7 Conclusion

In this report we have considered the security of CyClean Smart Contracts. We used several publicly available automated Solidity analysis tools as well as our own Smart Contracts Security tool. All the issues found by tools were manually checked (rejected or confirmed). Besides, contracts were completely manually analyzed.

Smart Contracts logic was checked and compared with the one described in the whitepaper. No discrepancies were found.

The analysis showed high code quality and security of the project. This smart contract complies with the specifications specified in the terms of reference.

During the audit of the contract, critical errors and possible vulnerabilities were not identified.



AUDIT CONDUCTED SUCCESSFULLY

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CyClean ICO Marketing Cryptocurrency Identity Core Developers

4 CYCLEAN ECOSYSTEM

How to get CyClean Coin. Green Emission CyClean Airdrop & Donation & Partnership Smart Rental Service Token Economy

PRODUCT INTRODUCTION

CyClean Indoor Bicycle
CyClean Wearable Band
CyClean Bicycle
CyClean Motorbike
CyClean Car
CyClean ESS sunlight unit

PLATFORM EXPANSION

Roadmap
Product Line
Service Scope
CyClean Franchise
Towards Full Platform
Carbon Credit / Carbon Offset / Carbon Project

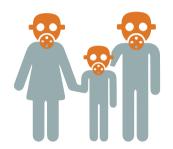
7 APPENDIX



INTRODUCING CYCLEAN

We all share a universal ecosystem and numerous mutual problems within such ecosystem. It seems like it is underneath the carpet but it is growing rapidly every day and deepening more intensely than we think. Surely, anyone has heard about the environmental problems at least once and there have been many efforts to combat such imminent problem. But we can confidently say those are not enough and more innovative approach is required that can permeate through B2C and B2B markets. We mainly focused on problems of exhaust fumes and energy production which are two major problems of environmental issues and additionally, we are promoting green sports as a minor subject of our CyClean Platform.







Renowned MIT studies (Fabio et al. "Air pollution and early deaths in the United States. Part I: Quantifying the impact of major sectors in 2005", and Pease, "Traffic pollution kills 5,000 a year in UK, says study") indicate that annually there are 53,000 deaths in US and 5,000 deaths in UK due to exhaust fumes alone. Also, there are approximately 1.2 billion vehicles on roads worldwide and by 2035, the number will increase to 2 billion. Also, motorbikes are heavily used in South East Asia and Japan which are also major contributors of exhaust fumes.

Exhaust fumes not only endangers humanity's health with toxic particles but also endangers our ecosystem with greenhouse components (such as nitrogen, water vapor, and carbon dioxide). Carbon monoxide is a colorless, tasteless component harmful to human health which binds to the hemoglobin in our blood and causes symptoms of carbon monoxide poisoning which includes lightheadedness, confusion, dizziness, and headache when exposed extensively. Also, Hydrocarbons have dangerous long-term effect to human health because it could cause cancer or impact bone marrow. According to Department of Health and Human Services (DHHS) in United States, benzene could be the cause of leukemia. The list goes on with Sulfur dioxide, Soot, and Oxides of Nitrogen.

Also, it has been clear that previous ways of producing energy are not sustainable to our ecosystem. Although the voice is unanimous, the solution for environmental problems is in slow motion due to the constant demand of energy expenditure. We believe more incentives and innovative designs are necessary to accelerate the green



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movement.

A study done by the American Journal of Respiratory and Critical Care Medicine tracked 146,397 people, 77 percent of them children younger than 2 who had infections treated in hospitals and clinics in Utah due to air pollution. Our young children are vulnerable to the threat of air pollution.

Another study by Lancet Planetary Health found that the risk of bone fractures among people over the age of 65 increased steadily as levels of air pollution — specifically,

particulate matter smaller than 2.5 micrometers, or PM 2.5 — went up. Rates were almost 5 percent higher in areas with the highest concentrations of PM 2.5 than in those with the lowest.

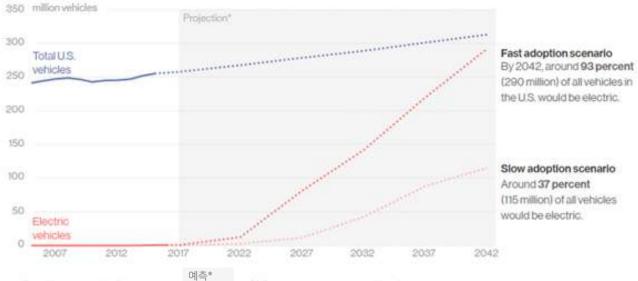
Solution to the problems described above are quite straightforward and agreeable, if only acted with strength and speed: using clean energy and electric vehicles and guiding the users to continue to use it, eventually replacing petroleum vehicles and energy productions. Replacing petroleum vehicles with electric vehicles is not only good for our cause but also economic for its users. The maintenance fee and management effort become much smaller. Since bicycles and motorbikes are focused on short distance travel, its performance is more than capable for its prospective users. But we believe just selling electrical bicycle and motorbike is not enough motivation for the mass to transition to clean vehicles. Therefore, we suggest CyClean platform which reinforces the clean cycle by benefiting the users for using the CyClean products. Within our platform, users will be able to rent CyClean vehicles and products and get emission (sort of mining) of CyClean coin by using such CyClean products. Later on, CyClean coin will also support A/S and parts purchase service. This way of emission is more advantageous than previous ways of mining cryptocurrency because it does not waste enormous amount of electricity and it promotes long term usages of CyClean products which eventually generates significant contribution to combat environmental problems. With the gathered resource, CyClean platform will continue to expand and strengthen the clean cycle. We will expand the electric motorbike sales to South East Asian countries where the usages of motorcycles are extremely high. Here, we have partnership with an organization that has long term sales experience at Asia region and can provide price advantages and network advantages at sales business.





INTRODUCING CYCLEAN

ELECTRIC CARS ON THE RISE



* Projection produced in five-year increments starting from 2017 and is based on an assumption of constant vehicles per capits with around 0.8 percent U.S. population growth per year.

DAIST CHUNG, NGM STAFF

SOURCES: REDA CHERIF AND FUAD HASANOV, INTERNATIONAL MONETARY FUND; ADITYA PANDE, GEORGETOWN UNIVERSITY; U.S. FEDERAL HIGHWAY ADMINISTRATION; U.S. CENSUS BUREAU; IEA GLOBAL EV OUTLOOK (2017)

Sourced from National Geographic Article, the trend is already very wide and powerful, Sweden's Volvo Car Group will only produce electrified models — hybrids and fully battery powered — by 2019. Jaguar Land Rover will follow suit in 2020. VW has pledged to become the world leader in electric vehicles by 2025. Even James Bond could be driving an all-electric Aston Martin as soon as 2019. Governments are joining in. Norway will ban the sale of fossil fuel-burning cars and vans in 2025. Governments in the U.K., the Netherlands, and France have promised the same by 2040, Germany, home of Volkswagen, Mercedes-Benz and Porsche, is talking about a similar ban. China just announced it too will ban the sales of gasoline and diesel vehicles—though it has yet to set a timetable. China is the world's biggest car market, selling 20 million vehicles a year. It already has more than 40 different electric vehicles available, most made by Chinese companies. Because CyClean coin will be rewarded by CyClean products, the valuation of CyClean coin will not solely depend on psychology of the mass crowd or swindling international situations. The value of CyClean coin will grow alongside with an actually functioning business. Contributors will be a tangible part of our clean cycle, experiencing or witnessing the ecosystem with the utility of CyClean coins. Investors will be able to observe and be assured that CyClean coins are being used as one of the representative utility coins, and will also be able to use CyClean coins to rent CyClean products if the user is within the service region.





ICO stands for Initial Coin Offering. It is rising as one of the most effective way of participating to a crowdsale for various reasons. Firstly, it does not require tedious procedure that prevents generic public from participating. With the announced cryptocurrency, anyone from the world can participate after a specific joining procedure at his or her home. Secondly, because the participation encompasses global scale, it could draw large amount of capital in a comparatively short period. This allows companies with visions to plan a platform-scale crowdsale which makes enormous movement possible for entrepreneurs smaller than dinosaur corporations. Also, general public can have an easy access to participate to a crowdsale that is happening in a distant area. Thirdly, unlike stocks or derivative products, cryptocurrencies allow Satoshi unit participation and exchange based on market price thus the entrance level is lower and the flexibility is larger for the general public. Lastly, cryptocurrencies are based on blockchain technology that is being called as the second internet or the internet of money so the possession of cryptocurrency is not just about value but also about functionality. To fulfill these advantages, we intend to present CyClean coin as a utility coin based on real products.

For CyClean ICO, we tried to keep up to the highest standard of cryptocurrency market, by abiding to KYC joining procedure, whitelist monitoring, not accepting ICO-banned countries' citizens, and clearly stating our terms of use and privacy policy. Also, to clear possible concerns, we declare that CyClean ICO is based on an actual Singapore firm called CyClean PTE. LTD. This firm will also serve as the technical consortium of various companies joining to manufacture CyClean self-driving electric car in the future although the consortium itself is not directly linked to our ICO. We are already in motion for researching various related technologies and certifications. Details about R&D will be shared at later sections.





- Problem of Recent ICO Landscape

For recent years, many ICOs collected giant amount of fund without providing real product or service at the time of ICOs. In another word, the coin they sold suggested future profit based on an idea or a concept that would be fulfilled after 1 or 2 years after the ICO, and as a result, 80~95% of the ICOs closed are being categorized as failure by communities and experts at crypto community such as Medium or coin forums (probably due to the lack of responsibility to present tangible products after spending the fund). This is because, unless registered and announced to be one, cryptocurrencies are not appropriate to be an asset or securities (at least for current functionality which is still at developmental phase). We are not pointing fingers or naming certain coins, but we believe several ICOs are not fulfilling the responsibility compared to their size of funds and confident claimer of visions.

We criticize that ICOs should have a meaningful and tangible foundation from the beginning of ICO and build up from there. Or else be sure to position itself as securities and be under the watch of appropriate law for participator protection. We want to be a model case for utility coin ICO therefore we base our blockchain platform on real products and functioning services. One of the major reasons for blockchain technology and cryptocurrencies' rapid growth was because it could safely store one's value without being concerned to be hacked (as long as conditions like 51% distribution are maintained). Nevertheless, that was only the starting point. The true potentials of blockchain technology are yet to be revealed and demonstrated. We believe one of the potentials that has become a reality is smart contract and this feature is quite fitting with rental services.

The management of rental properties and services can be revolutionized with smart contract features. For example, with smart contract feature and augmentation, CyClean motorbike could lock itself when the rental fee is not paid on time. But we are not just aiming to adopt blockchain technology on rental service. We have a bigger goal of combating environmental problems in an effective and permanent way, and rental service based on smart contract and green emission are the key for fulfilling such goal. We aim to do beta-test during the main ICO and open service rafter the ICO as a model case utility coin.





- Solution and Suggestion

There are reasons why several leading ICOs are held by long-experienced corporations that have direct relation to the subject of such ICOs. The experience, built-in infrastructure, and resources saved for establishing an infrastructure varies significantly compared to a venture. Therefore, the market is revealing more appropriate cases to contributors as the initial phase of ICO market is passing by. When starting from a tangible standpoint, an organization is not only experienced at such field but also capable of integrating blockchain technology with the targeted field of business, accompanied with top class full stack developers and blockchain developers.

Thus there is a lesser chance that an ICO project would raise question about why it would even need blockchain technology and accompanied ICO procedure at the first place. As stated, if the project content and blockchain does not have direct link or relation, it would mean the published coins have rather the property of asset or securities than functionality of blockchain. Under universal business principles, one of the hardest part of having a successful business is solidifying a good start, and fortunately we are not new in the business field we

are aiming for. We do not need to worry about so called Death Valley of Ventures. Our core partner is an experienced sales operator that has decades of sales experience and has international branch on US, Japan, China, and Vietnam. Also, partners within CyClean platform are pioneers at researching self-driving technology and electric cars. Because we have the key of distribution and sales, we are not limited or bounded to a specific product but we can include any top-quality products to be augmented as CyClean product.

With the core developers of CyClean team and the development team underneath them, we simply have to integrate blockchain technology on top of our experienced insights and infrastructure and even that step will enter completion phase during the main ICO.

Expected Synergy

Smart contract is a condition triggered, enforceable electronic contract, based on the blockchain network that can encompass cryptocurrency payment and potentially other execution of automated action. Like lines of code within a program, there could be numerous possibility for smart contract feature. Because of blockchain technology, now total strangers can trust each other and trade values without needing third party's guarantee. Furthermore, because of smart contract feature, now total strangers can make a detailed deal with each other without needing third party's guarantee.





The advantages of smart contract are quite significant to almost all kinds of business. The most outstanding advantages are 1) Accuracy of Agreed Terms, 2) Transparency of Ledger, 3) Clear Communication, 4) Speed Accounting, 5) Security, 6) Efficiency of Process, 7) Paper Free Feature, 8) Storage & Backup, 9) Savings, and 10) Trust. The central point is that, smart contract makes digital and distant contract realistically possible which was only possible by paper and personal signing before. Robust blockchain system enforces terms to be executed once the condition are fulfilled.

Based on such innovative feature, we can enable smart rental system. As briefly mentioned above, traditional ways of managing rental infrastructure are guite tedious and troublesome. As a result, there are numerous unsolved cases in rental business. For example, many customers forget to pay the rental fee on time yet continues to use the rental product without returning or paying. This may seem like a mundane incident but these kinds of circumstances deter the management of rental system guite significantly when accumulated. Now with smart contract, we can simply automate to lock the vehicle or product for its functionality when rental fee is delayed over the defined threshold. With this in mind, it is clear that electric vehicles are even more fitting to smart contract rental service because it is easier to augment electric vehicles for automatic locking feature than oil-base and mechanical vehicles. Fortunately, eco-friendly CyClean products are guite fitting for being computerized and being combined with wireless network. Since there are very rare cases where smart contract features are actually being used commercially and successfully, we believe this approach will have meaningful contribution to the cryptocurrency market itself. Additionally, in the future, we plant to accept CyClean coin as service fees for CyClean product A/S services and parts purchases. Enabling such comprehensive product and service scope will also be helpful for maintaining stabilized market for CyClean coin.

- Our Experienced Partner

Since we have a long-experienced sales operator group as our core partner (NEW EMOTION INC.), we are able to cover wide range of products such as in-door health bicycle, electric bicycle, electric motorbikes, ESS sunlight panel, and even self-driving electric car (research phase for now). Also, we are able to treat various product models within each product category and we have international branches to easily expand our platform scope as well. For this reason, we are able to change the design or the specification of our CyClean products in the future to better support our users.





Also, there are numerous possibilities to expand our product line itself. We simply have to augment the product with our low level chipset, wireless network, smart CyClean emission APIs, and some mechanical procedure. We believe as we expand CyClean platform, we would not have to solely depend on increasing the quantity of our product lines. We believe several competent producers will become inspired and envisioned for joining the clean cycle of CyClean.

Actually, we already have some lined up for discussion for addition of models or product category to our platform. Our business model is immediately applicable to any manufacturers with good product, infrastructure, and sincere shared goal for green revolution. Of course, this will assume that our platform has already been launched on such country with legal entity. Also, because we have global market experience and competent partners, we are able to expand the physical territory of CyClean smoothly as well. Having both blockchain platform (software based) and tangible sales operation and furthermore, having combination of those two are a powerful business model. There is even more. Our core partner group is not new to blockchain business: in fact, they have the most innovative and powerful blockchain platform that has been revolutionizing South Korea for several months. Our core partner group owns a payment system platform called JPAY platform which has solved 1) fluctuating price problem, and 2) confirmation delay time of cryptocurrencies. With 2 layered coin system, JPAY platform is aggressively expanding its member stores for several months without any risks or problems. Also they are launching JPAY card which enables holders of cryptocurrency

such as Bitcoin, Ethereum, JPAY, Dash, etc to spend those assets in real time ALL across South Korea anywhere with card reader machine, without entrepreneurial risks thanks to the 2 layered system.

To learn more please visit jpayplatform.com / Whitepaper in several languages are available. Below image represents the overall structure of JPAY platform. CyClean is not just partnered but actually integrated with JPAY platform.





Because we are based on Ethereum platform, there comes a lot of advantages, for example the smart contract feature and Ethereum compatible features (for future partnership, wallet compatibility, coin exchange enlisting procedure, and scanning availability). Although improving technology and innovation for blockchain technology itself is important, more imminent problem is demonstrating an operating blockchain platform to the market and its contributors. Based on our in-dept research, we believe there aren't many blockchain platforms that implemented smart contract feature in a tangible and commercial way, providing a working model for the market. We intend to be one of the model cases who has implemented blockchain technology and smart contract feature to a commercial and global level. To do so, we utilize Ethereum platform for our CyClean coin. Additionally, we would like to line out the schedules and identity of our ICO here. The schedule can be calibrated due to internal or external situations. For the most recent and accurate information, please refer to the website.

As we utilize smart contract feature based on blockchian, we briefly explain here about smart contract. A smart contract is a computer algorithm designed to conclude and maintain self-executing contracts in a blockchain environment. These contracts are written in the form of code that exists in a distributed registry — a blockchain that is maintained and managed by a network of computers to exchange assets without resorting to intermediaries . Also smart contracts allow you to perform reliable and confidential transactions without the involvement of external intermediaries in front of banks or banks and government agencies. In addition, such transactions are traceable, transparent and irreversible. Smart contracts not only contain information about the obligations of the parties and sanctions for their violation, but also automatically ensure the fulfillment of all the terms of the contract

- CyClean ICO

Here, we elaborate on our ICO procedure which is important for CyClean platform to launch with scale and locomotion. Because we are utility coin based on real products and we already have at least one cryptocurrency exchange (Kocostock) that is going to list CyClean (CCL) coin, we have our hard cap set as quite high. Although it is not the largest hard cap among ICOs, it is still quite high. Accordingly, our soft cap is quite bold as well. The caps are for both Pre ICO and main ICO. We are conducting 3 phased Pre ICO for procedural analysis, recap, and platform & ICO updates to prepare and build up for the core fight at main ICO. It is one of our strategic approaches to ensure we win the final battle.





To voluntarily ensure the highest international standard for cryptocurrency and ICOs, we have implemented KYC and whitelist procedure. Also, we are barring ICO banned countries' citizens for legal safety although we are allowing them to at least join to our website so they can have CyClean wallet. Also, we had legal advices to prepare appropriate privacy policy and Term of Use documents so that the participants of CyClean ICO would be notified fairly of their legal stance and conditions.

It is crucial to join early on and get approved by CyClean staffs to become whitelist member because only approved whitelist members can participate to our Pre ICOs and Main ICO. As the identification approval process is done by human efforts, it takes time to get approved after joining thus it is recommended to join early on for successful participation.

Below is information about CyClean coin:

Soft Cap: able to launch business / Mid Cap: launch on at least 3 countries / Hard Cap: launch on at least 5 countries

Soft Cap	3,000 ETH	Mid Cap	50,000 ETH	Hard Cap	106,000 ETH
Name	Symbol	Plat	form T	otal Issue	Price
CyClean Coi	n CCL	Ethe	ereum 4,0	000,000,000 1	CCL = 0.0001 ETH

Smart contract address:

contract :0x749f35ff65932e68267dd82f6cd85eea735d700e

The token net uses moveFunction for movement between CyClean wallets in order to save gas transaction fees. But for exchange listing or sending to other ether wallet, the token share will actually show movement on Ether scan. Otherwise, asset movements between CyClean wallets will not be revealed to Ether scan although will have real transaction history in related wallets.

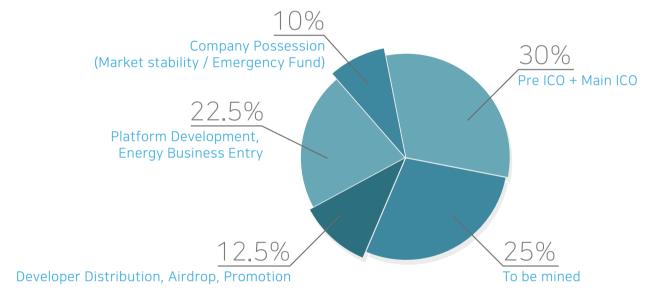
* The github address is included in the Appendix.

*Below is our schedule for CyClean ICO. It is subject to potential modification so please refer to the website for the most recent and accurate information. The whitepaper may be behind the website in terms of version control

Send ETH	Period	Bonus
2018.04.06 - 04.09	1st Pre ICO	+300%
2018.04.27 - 05.15	2nd Pre ICO	+230%
2018.06.01 - 06.18	3rd Pre ICO	+100%
2018.06.27	Main ICO	Fixed Price



Below is our information for the distribution of CyClean platform. As we have already initiated real business within the ICO period, we need major portion of total coin supply for various projects and partnerships. We can declare that we have so much possibility for partnership with not only entrepreneurs but also NGOs and environmental organizations & campaigns because our vision is directly connected to the imminent problem of entire globe. Also, CyClean platform is quite compatible for any competent green products thus it could be described as augmentation-ready. If we do not reach soft cap, we will still pursuit platform business because we are not just about raising value with ICO or cryptocurrency but are about tangible and physical business expanding globally. Nevertheless, we are not worried about not reaching soft cap because we are already getting heated attention from many potential partners. Along with real products, we have so much to show.



| Total Coin Sale - PreICO + Main ICO: 30% (approx. 1.2 billion)

Through ICO, we intend to distribute CyClean coins to many participants across the world for resource gaining on our platform and spreading out the CyClean market over the global crypto market.

| To be mined – 25% (approx. 1 billion)

As it will be explained at later sections, CyClean coins can be mined just by using CyClean products. This innovative way of mining enforces long term usages of CyClean products which results in major contribution for combating exhaust fumes and promoting clean energy and green sports. As number of CyClean coins increase, the proportion of distribution will be smaller because daily amount of emission is fixed. Nevertheless, that would also mean valuation of CyClean coin itself.



Therefore there will be interesting

dynamics on green emission profitability. A point to note is that users never lose because all they are doing is using the functionality of CyClean products rather than investing fiat or goods.

| Developer Distribution, Airdrop, Promotion - 12.5% (approx. 0.6 billion)

Because developers and advisors have significant contributions to our platform and project, as well as for future CyClean businesses, this portion is distributed to the core people of CyClean. Additionally, this portion will be used for potential airdrops and planned promotions.

| Platform Development, Energy Business Entry – 22.5 % (arppox. 0.8 billion)

Although we will include ESS sunlight panel and our most important goal is fighting exhaust fumes, we are not going to neglect the importance of clean energy revolution. Therefore, we will expand CyClean energy product line as well with this portion's resource, and we will commence aggressive projects for energy sector. Before Main ICO, we will be able announce our current partnership with next-generation energy-centered project.

| Company Possession (Market stability / Emergency Fund) – 10% (approx. 0.4 billion)
Until CyClean becomes almost infallible for its scale and market, we need careful and cautious management of the market and the platform. Therefore having this portion will definitely serve our platform well as strategic backup.





Following table states our financial plan. The sales amount would be applied to whatever fund we raise through CyClean ICO. Of course, we are hoping and expecting to sold-out all ICO amount in order to fully execute our corporate budget plans. But even if we cannot reach the most optimal situation, we are not limited to ICO budget alone because we are based on real business infrastructure and we can still pursue traditional VC or capital investment based on our on-going valuation.

Cost of Sales(+investment) 71. Gross Profit on Sales 28. Selling and Administrative Expense 10. Operating Profit (loss) 7. Financial Return 0. Financial Cost 0. Other Revenue 0. Other Costs 17. Net income(loss) before income tax expenses -9. Continued Operating Income Tax Expenses -1. Operating Profit (loss) 0. Net income (loss) -8. Other Comprehensive income 0. Items that can be reclassified to profit or loss (other comprehensive income after tax) 0.
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Net income (loss) -8. Other Comprehensive income 0.
Other Comprehensive income 0.
Items that can be
Items that can be reclassified to profit or loss (other comprehensive income after tax) 0.
Gain on valuation of available for-sale financial assets 0.
Items not reclassified to profit or loss (other comprehensive income after tax) 0.
Re-measure elements of defined benefit plans 0.
Total comprehensive income -7.





Business Plan (as objective format)

Above budget plan is mainly focused to following objectives. As it is the first year, we mainly focus on investment and expansion of established business rather than going for small profit and rushing into market.

- Expanding CyClean products to South Korea, Vietnam, Hong Kong, Singapore,
 United Kingdom, and potentially China
- Investment of self-driving electric car
- PR and Marketing for CyClean
- Plug-in partnership with electric vehicle manufacturers to make their models
 CyClean integrated
- Plug-in partnership with insurance companies to formulate package deal for motivating insurance customers' daily exercise to promote healthy life with reward system
- Expand franchise globally and deep the brand identity with unique service points, marketing it as communal green emission space. One of the slogans can say 'become healthy and be rewarded for it'.





- Marketing

For the success of CyClean ICO, we are both eager to invest on online marketing and offline marketing. The publishing point of this whitepaper triggers threshold for CyClean teams to engage more actively on marketing schemes. We are operating various online marketing tactics such as social media posting and maintenance which can constantly deliver messages of CyClean to the general public. In our website, one can find all of our social channels to stay tuned with on-going CyClean processes. We treat following social channels. (Links are at Appendix)



Additionally we are also conducting display ads for online community where the main topics for cryptocurrency and blockchian are evident. For the whole online marketing, we are aiming major countries where ICO investments are active and retargeting appropriate users in order to perform effective marketing actions. We did not overlook the importance of offline marketing as well. Because we are well connected with TOP advisors of cryptocurrency landscape, and because they trust us and want to share our message to the world, we are invited to many prestigious offline roadshows or pitch talks or summits. Within our allowed budget, we are sending agents to go spread the message to citizens of various countries. Although offline marketing may reach smaller crowd than online crowd at the moment itself, it has powerful influence over people and over industry opinions because a real person, most of the time founder or core director, visits the place with real presence so the outcome is quite as powerful as the online marketing.

- Cryptocurrency Identity

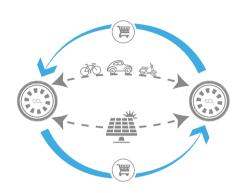
CyClean coin intends to be the leading cryptocurrency in the world, and mining is one of the crucial identity of cryptocurrency. Therefore if the mining procedure for CyClean is not sustainable to our nature, we would be contradicting ourselves. Fortunately, we have one of the most innovative way of mining.

Because we are environmental friendly platform and cryptocurrency, we did not adapt the traditional PoW mining mechanism that requires tremendous amount of electricity. PoS or PoE are improved method but we believe there could be more intriguing method that integrates user experience design with mining procedure.





Instead, we pre-mined all CyClean coins in advance and guarantee rewards daily to users of CyClean products based on CyClean usages. It could be considered as sort of Proof of Work yet not wasting electricity for competition but promoting good usages of electricity to combat exhaust fumes. By riding CyClean vehicles over certain distances, its users will get CyClean coin. Of course, CyClean products are not limited to just vehicles but also

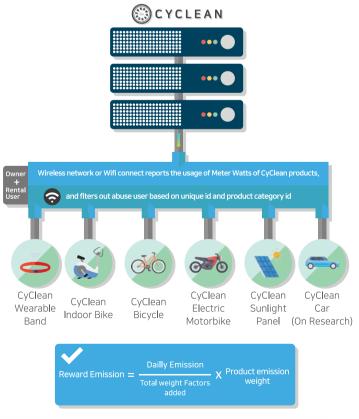


encompasses all green sports and clean energy products. The ratio is not fixed as we are certain that the total number of CyClean products mining CyClean coins will constantly increase and we need a dynamic formula for distributing daily emission rewards to all of the CyClean participants.

Of course, there will be weight differences for green emission between different CyClean products. We will elaborate further about emission at allocated section later. Following diagram summarizes CyClean platform in a straight forward manner although it may not include all details of the platform.

*Shows that the enforcing cycle of CyClean Platform conceptually. One person need not more than one vehicle in normal cases; but owning many CyClean products enable rental profit because both ow ner and rental user gets green emission. Reveals the power of Circular token economy. More products become available with SHARED ECONOMY.

*Shows CyClean platform overall diagram where different products are connected to central server based on their unique id and category id. The sever handles different products flexibly but enforces abuse filtering





- Core Developers

With CyClean Platform, we intend to not only save our ecosystem but also the health of living entities within such ecosystem. To do so, we work with the best core team who has corporate experience and discipline. They know how to lead a team and how to operate in a corporate schedule and pipeline. We would like to introduce our core members who are chairman, CTO, director, or team leader. Also, we were gratefully recognized by several top advisors who are renowned figures in blockchain and cryptocurrency society. Since they have good eyes and good reasons to join, their presence and actual contribution are also significant factor to notice. As mentioned, our core partner is not a venture but a corporation and since top advisors have reputation to protect and nurture, surely there are connections one could recognize as advantages. Also, since our core partner owns a cryptocurrency exchange itself, we are guaranteed to be enlisted to at least one exchange. But because we are confident we can prove CyClean's worth to the global market, we plan on enlisting to more than one cryptocurrency market. While introducing our core members and renowned top advisors, we would like to also briefly elaborate on expected synergy by such figures.



DAVID YOUNG (DAE YOUNG KIM) MANAGEMENT.

JPAY Platform & CyClean Platform Founder & Planner
JNU Group Chairman / JNU Global CEO
Vietnam's T0P100 most anticipated
company Award and General Secretary Award
2015 Korea's CEO Grand Prize
"Compassion Managment and Creative Innovation Sector"
Yale D&N CEO



BO-GYOUNG, KIM

сто.

коскetOz CEO. Tatter&Company(Google EXIT) Software Engineer BBSoft CEO. Professional Management of Developers Blockchain Programmer



COOZ KOMEI TOKITA (Korean Name: Won Kim) COO

Tokita Investment Group Inc. K.K CEO KOCOSTOCK Korea CEO JBTC Founder Aliksir Founder

Alliksir Founder
Cross Commerce Inc. CEO
Crypto Valley Association Member
Next Generation Research and Holdings LLC Dictator
Cryptos Fund IR
Ionic Lattice Partners LLC Dictator



BYEONG-GIL, KIM Blockchain Engineer

Episode Games, COO. Com2uS Co-founder, Acting General Manager.



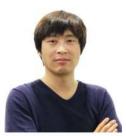
MYUNG-JUN, NOH

Episode Games Software Enginee PASCO Games CFO LG Electronics Researcher. Info Bank Researcher



JAE-WON, LEE

Episode Games Rocket Oz Nine4u Graphic Designer



KYUNG MOOK, CHA

RunSetun CTO Tatter&Company (Google EXIT) Project Manager Nexon Developer



TAE-KWAN, YOON

NEW EMOTION INC. Front end development



Joseph Nam

KAIST M S Master Novelist(16). ACM DIS TransPoint: Real-Time Remote Lecturing via Adaptive Transparency" Honorable Mention



- World Top Class Advisors



SIMON CHOI Advisory - Internation Law

International Lawer +25 years of experience over international trade, investment, finance, M&A England & Wales, Hong Kong, China law expert Perking, London, and Hong Kong Law School Graduated Advisor over 10+ ICOs



NIKOLAY SHKILEV Advisory - Strategy.

Top 10 in People of Blockchain
TOP ICOBench Advisor
Tech guru
20 years of experience in large-scale transaction
projects Founder and CEO of Private Business Club
"Enterprise of the Year" award in the Kremlin
Co-Founder "Top ICO advisors"
Advisor over +30 ICOs



JILLIAN GODSIL

Advisory - PR.

Global PR companies in Sydney, Singapore, London and Dublin PRO of Iona Technologies (NASDAQ listed) Former European Parliamentary candidate Journalist with CryptoColin. News DublinCityFM speaker Analyst with JP Morgan Named a Crypto Queen by In Zero Conferences One of the 50 most influential global women in blockchain



JASON HUNG

Advisory - Business & Investor Relation.

China Animation Media Production Ltd CTO iSoftSonte AVP EY Senior Manager Oracle Managing Consulting ICOBench TOP expert Advisor over +25 ICOs Treascovery, Chidopi and TimeBox, EXSmart Co-founder



Advisory - Investor Relation.

Founder of Binkplus Process Manager COO ICOBench TOPS advisor Advisor +50 ICOs Leader in Bitcoin, Blockchain, Crypto industries Insight into Millions of Customers



ERIC WONG

Advisor - China Business Representative

KCK Garment Factory Ltd. IT Manager Automated Systems (HK) Ltd. PM Wolf Lingerie Ltd IT Manager Unisys HK (China) Ltd - Network Consultant AT&T Solutions Senior Association HKTDC - Senior Programmer



MARTHYN TING

Advisory - Global Market & Business.

Dream Prestidge Holdings CEO Knowledge link international Regional Asia Pacific Economic Leadership Asso Singapore Chairman James cook university MBA Lions Club Singapore President



FABIAN BAPTISTE

Advisory - Europe Business Rep. REUM Co-Founder Royal Token Casino COO Hawaii Bitcoin Co-Owner Dapplication CEO X Mobile Group Managing Partner

Musards CTO Mobilise COO



CHANGHEE KWON

Advisory - 4th Industrial Revolution Policy Making

Coporation Smart City Chairman Hanse University Professor 4th revolution mid-size company association ombudsman SOS Fund Senate
World People's Safety Forum Chairman
GeongGi Big Data Competition judge



YEONSOO CHOO

Advisory - 4th Industrial Revolution Deployment

Corporation Smart City Institute Director Sunrise Group Chairman Dream Park Culture Foundation Director MBC Academy Department Head 114.com CEO BoRyung Group Honorary Director BekDoo InfoTech Research Head CAMP ASIA Commissioner



NIKOLAY ZVEZDIN

Adviosry - Investor Relation

Envinary Group CIO 8 potential LBOs worth of USD 22 billion of companies in 7 countires Advised to pexecutives of private equity portfolio resulting in EBITDA increase of ~60% participated in assurance of the largest banks in Tajjikistan winner of CFA Research Challenge in Turkey CFA Candidate Level I



Advisory - Marketing & PR.

Perhalic CEO & Founder Chartered Management Accountant Advised over 15 ICOS TOP 20 Blockchain people - ICOBench member of Israeli blockchain association And vGlobal Blockchain Advisory Professionals







NOIA Network Network advisor Whyral Chairman Centurion & Co Chairman UK INFO CEO WOW PAY ME CEO MAK Parthers Founder MBME CEO Sky Telemcom Group Founder Vocalcom CEO



JIN HYO KIM Advisory - R&D.

Yonsei. Integrated Technology Ph.D. LG Display. Dogugonggan Co.,Ltd. IEEE Member.



BOGDAN FIEDUR

Advisory - Technical.

Senior Ethereum Developer bitlob and Blockchainexperts.io Co-Founder and President Blockchain Expert 20 years of experience in IT Advisor over +10 ICOs



HO JUN, CHANG

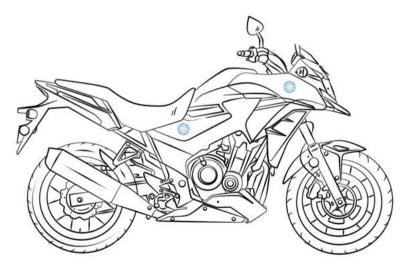
Advisory - Lawyer.

La Business Major at Seoul Univ. Hanyang Law School Law firm YooHan Purme GangNam Police Whitecollar Investigation Consultant Korea Contents Develop Department Consultant Law firm SamYool



- How to get CyClean coin: Green Emission

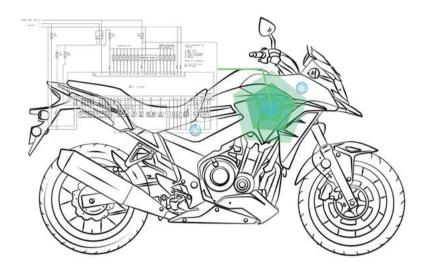
CyClean products being sold and rented have several advantageous features. It is c tance, its owners and rental users will get CyClean coin green-emission-ed, such as XX.YYYY CCL per Meter. Also, if it is a clean energy production unit such CyClean ESS sunlight panel, owners and rental users will get CyClean coins green-emission-ed based on Meters produced. We are also considering electric marine transportation or wearable products to be part of CyClean products. As long as it is a competitive and green product, any good manufacturers can become part of CyClean platform. Even for each product category, we are not placing limitation on models. The total amount of daily reward is fixed and will be divided by the number of users who have traveled more than a kilometer with CyClean vehicles or produced more than 1 Watts. Therefore daily emission per person will be dynamic. Nevertheless, the amount of CyClean coins rewarded will be proportional to the distance traveled in Meters or Wattsunit so the motivation to use CyClean product in long-term is still solid and strong. As described in ICO specification, 30% of total supply for CyClean coins (1,200,000,000 CCL) will be mined by CyClean green emission. As stated, the principle is simple. The more usage of CyClean products, the more reward is given; and more of exhaust fumes will be replaced and more promotions will be reinforced for clean energy and green sports. And this simple principle will continue to large scale and long term transformations for green revolution. For clarify purpose, we are also demonstrating how a certain product is augmented into a CyClean product. This will also allow any interested green product producers to consider their future partnership with CyClean platform.



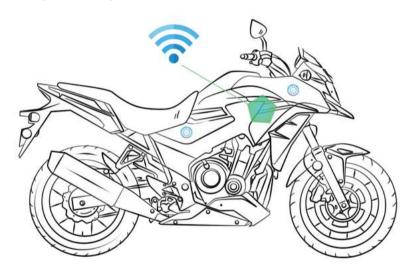
1) First we start with a complete and competitive and green electric vehicle or greenproduct such as indoor bike or wearable band







2) Based on official B2B contract and transparent partnership, we get the product supplied then we upgrade the product with a chip that can connect to CyClean server and track meters traveled (or watts)



3) Now the product is good to go with wireless stream connected with centralized CyClean server

We believe this unique mining feature will reinforce the on-going cycle of CyClean platform and push it to grow constantly with more products and more users. People will actually use the vehicle for its original purpose plus for CyClean mining. So our platform is not only about sales or rentals, but also about supporting actual usage of our product, which eventually combats exhaust fumes in a realistic way. On the business side, we can expect carbon dedication as well in the future when the platform grows into a global scale. As it is well known, carbon credit and carbon project encompasses nation-wide scale so the vision is quite enormous.



For fair and appropriate mining, registration process will take place for CyClean product owners and rental users. Once they process simple steps to connect their CyClean products the centralized CyClean server, their CyClean wallets will correspond to their usages of CyClean products, thus mining naturally.

Following are weight differences for the green emission for each of different CyClean products which we can reveal at this moment. Update will follow for later whitepapers for newer models within each product category or for new product category such as ESS sunlight panel.

- *PX indicates variable / The daily emission divided into total amount of PX then multiplied by each product's usage (Meters, Watts) with its weight multiplying factor.
- *To be put it easily, more usage with more emission weight emissions more CyClean coins.
- *Both owner and rental users can emission coin at the same time (Shared Economy)
- -CyClean Wearable Band 15PX.
- -CyClean Indoor Bike 150PX
- -CyClean Indoor Bike Rental 10PX
- -CyClean Electric Motorbike 375 PX
- -CyClean Electric Motorbike Rental 25 PX
- -CyClean Normal Bicycle 225 PX
- -CyClean Normal Bicycle Rental 22.5PX
- -CyClean Electric Bicycle 375 PX
- -CyClean Electric Bicycle Rental 37.5 PX

- CyClean Airdrop & Donation & Partnership

CyClean is not just a stand-alone platform or product. As its vision encompasses the whole globe and whole organism within it, its compatibility is large as well. Many partners or campaigns can be joined and become part of CyClean because green revolution and health is few of the things we all can mutually share and work together, either as supporter or active partner. To do so, we propose that we would do airdrop for effective marketing and spreading of CyClean's messages, donation for renowned green NGOs with legitimate agendas, and partnership with entrepreneurs or active enforcers of green revolution.





Airdrop is an effective strategy because it has big marketing and promotion effect and it could generate correlation between two different cryptocurrency communities. For the conditions of airdrop or specific target of airdrop, we shall announce later when we have concrete plans on expected synergy for our social channels. Please stay tuned.

Donation would not only have symbolic meaning for CyClean platform but also give functional benefit to renowned NGOs because CyClean coins allow access to green products through rental. The potential to utilize such synergy is large enough for NGOs or green organizations to plan their own projects. Also, this beneficial connection will allow bi-directional promotion for each party. Lastly, partnership may also involve CyClean platform. This case also includes various paths such as supporting other green-visionary ICOs or blockchain platform or actually including certain projects within CyClean's scope for bigger synergy. But we will focus mainly on airdrop and promotion during ICO for focused force, and will distribute more execution plans on donation and partnership once the ICO is over. Then, CyClean will have more value and reputation along with a volatile market access so such donation or partnership action will have more impact.

- Smart Rental Service

CyClean vehicles will be rented with CyClean coins after CyClean ICO. Also, small-scale rental service and mining enabled services are already in operation for beta-test purpose yet fully being commercial and available. The initial rental service region will be limited to South Korea. Unlike cryptocurrency which still has comparatively free flow for legal restriction and activity, rental service requires legal entity and appropriate registering and managing for each country regions.

Therefore we intend to take step by step protocol when expanding CyClean rental services. Every country we aim to expand will be both our new business opportunity and our chance to enlarge CyClean coin market. There are total 2 phases for CyClean rental service in terms of technical structure and they will be implemented based on sequential order. The first phase, technical wise, will be available during the ICO, and the second phase will be available after the full scale launch of CyClean platform and when we are ready to expand globally. Of course, fiat currency can be used to rent CyClean products. CyClean coin rental is one of the possible channels.





The overall mechanism should be clear.

- 1. [Rental Request reaches CyClean rental service net] -if confirmed proceed to next step
- 2. [smart contract opens]
- 3. [CyClean coin Payment]
- 4. [smart contract formulated and closed]
- 5. [rental phase proceeds]
- 6. [CyClean product is delivered or picked up]
- 7. [Manage the rental service according to smart contract]

For most of CyClean products, we will be able to augment CyClean products to have automatic locking feature. When the rental fee is not paid for more than 2 months, CyClean products with augmentation will lock itself until the demanded amount is paid. We would like to also line out the possibility that for CyClean rental, there could be auctioning for CyClean rental products if the demand becomes significantly higher than available supply. Yet after winning the rental slot with CyClean coins, the monthly fee will be paid in constant value, not by CyClean coins amount but its equivalent fiat currency price as rental monthly fee.

Following briefly describes how CyClean rental system will be implemented.

Phase 1

Rental service through web rental page: users will access cycleanrental.com and equest for a rental. After the confirmation by rental service team, the smart contract opens and they can send CyClean coin to appropriate CyClean address. Once confirmed, they are granted access to the rented vehicle via delivery or pick up. Delivery shall be charged in fiat currency of such servicing country. Users will be able to see the contract status at the rental page. They will have to pay monthly CyClean coin fee or enable automatic payment on their wallets if they prefer. But this will require careful decision as CyClean coin's price will change and it would be different amount to pay at the monthly payment date.

Phase 2

User uses mobile app to directly access to the CyClean vehicle. (NFC communication OR GPS based auto-matching with QR code registration). The smart contract goes through the CyClean vehicle and rental service is completed through that procedure, connecting user's CyClean account and wallet with such rental service and rental product. Users can see the contract status at the rental page and mobile app.





- Token Economy



CyClean coin can be emissioned just by using CyClean products

More products more competition and more contribution to ecosystem \$\$\$



NOT only exchnage but also real economy is integrated for expenditure

VALUATION is Real for CyClean

Purchase CCL Emission Ticket

> Rent CyClean Products

Pay or get discount From CyClean Franchise

Get discount from CyClean partners (such as insurance)

Pay to real economy Through JPAY CPG system (JPAY CARD)

In order to make the cycle of CyClean permanent and continuously enforcing, it would be important to layout the full token economy for CyClean. Although the first expenditure for CyClean is rental for another CyClean product, it is not the only way to spend CyClean. Because CyClean will continue forming partnership with companies that have competitive products and services and have clear vision for itself, its expenditure will have variety. Also, because CyClean will be connected to Carbon Offset and Carbon project in a very effective and aggressive way, CyClean will be connected to large scale of funds for effectively offsetting million tons of Carbon that is warming up the globe and is needed maximum precaution as possible before it is too late.

The following describes how CyClean coin can flow through its economy. To acquire CyClean coins, there mainly three ways. Use CyClean products to naturally get CyClean coins by green emission, purchase CyClean through listed exchanges, or participate to ICO to get advantageous amount of CyClean ahead. Because CyClean is based on physical and real products, and its vision is clear with highly demanding market, several exchanges will be happy to list us. Also, the introduction and recommendation of TOP advisors can serve as accelerating effect for exchange listings. They have words with credibility and only recommends strongest projects to exchanges due to their reputation to protect.

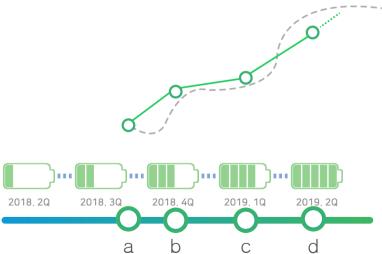


Now only exchanges but also through real economy, CyClean will flow naturally and widely, First, CyClean coin can be used to purchase CCL Emission Ticket. It is like a tax or donation to the central green emission system to maintain the right to get green emission for using CyClean products. Secondly, it can be used to rent CyClean products. A customer may want variety of products to use and this will lead to more green product usages. Also, one person do not need to use 10 vehicles but can rent it out to get owner green emission. In case of rentals, both owners and rental users get green emission with different ratio.

Thirdly, CyClean can be used to get discount from our global franchise. Our franchise will have variety of service such as green emission gym or green health food cafe that can benefit users in many ways. Fourthly, also discounts from insurance company can be possible. Because CyClean promotes green sports and human health in a very effective manner with reward system, many insurance companies will be interested in plugging in CyClean to their health program. Healthier customers mean huge profit for insurance companies.

Lastly, thanks to the partnership with JPAY platform, CyClean can be charged to JPAY debit card which can be spent on any card reader machine. Initially, the card will have local servicing regions such as South Korea or Japan. But once it has master card function attached, the expenditure scope will become global. Therefore as described, the reward system for CyClean is real. People will strongly want to get CyClean for various reasons and this will boost the value of CyClean.

ROI: As the token economy system describes, the cash out flow and enlargement of the market is clear and intuitive. With more partnership and more products, the total market cap of CyClean can have tangible and physical growth which is rare to observe in cryptocurrency market. Thus it is also one of our advantages. Following diagram summarizes the return of investment based on arguments we provided so far.



Alive ecosystem. At least 4.0X ROI expected ■ The grayline indicates realistic dynamics for cryptocurrency market:

although there will be ups and downs, immediately operating platform with real products will have storng resilience



working business to the public and expand spenditure

real products with global partnership, 1.5X ROI expected • (b) more listing on mid to large scale exchanges, present

• (a) after listing, because of marketing based on

(d) The full cycle becomes active. People are strongly incentized to get green emission because there will be activated expenditure and market flow for CyClean.





PRODUCT - INDOOR BIKE



- CyClean Indoor Bike

One of the ways to promote indoor exercises is to enable cycling domestically and enable green emission on its work performance. Although it will not physically move, its cycling rotations can be tracked and reported to our server. And of course, humans can speed up only so much thus the average rate of cycling will be possible for filtering. Our current model encompasses IMBIKE which allows gaming integrated with cycling. The faster you work out, the game character inside the game travels faster as well. Also, standard manager app is provided for normal usage.

The following model is targeted for all age and all customers who enjoy cycling and indoor work out. This product can be a great item for CyClean franchise or for the existing gyms hoping to become CyClean franchised (of course this case would require more than including few CyClean indoor bikes).

*Because we are not limited to specific model, thus please be noted that in the future, the specific model or design could change due to business reasons or for market reasons.





PRODUCT - INDOOR BIKE



The product connects to smartphone via Bluetooth then the smartphone communicates wirelessly with the network.



Movable handle allows dynamic exercise game with smartphone game apps.

(Left, Right movement and pull, push movement possible for several gaming apps)



cycling tracking mechanism enabled.





PRODUCT - INDOOR BIKE



Several games are offered for fun exercising!



PRODUCT NAME	CYCLEAN HEALTH BIKE	
BOX PACKAGING	W:580mm x L:280mm x H:750mm / 23.5kg	
FINISHED PRODUCT	W:730mm x L:540mm x H:1,400mm / 21kg	
COLOR	HEALTHBIKE 1.0(Z-BIKE) - Blue, White	
	HEALTHBIKE 2.0(IMBIKE) - Red_Black, Yellow_Black, White_Gray	
MATERIAL	Steel Pipe / PP / Silicone	
Etc	Marginal weight : 120kg / Manufacturer : ㈜지오아이티 / Country of manufacture : CHINA OEM	

Several designs are available / The right side shows product specification currently servicing on South Korea.



PRODUCT - HEATLH BAND

- CyClean Wearable Band

What if one can mine with one's own body? With CyClean, it becomes possible. The more you exercise, the more CyClean coins are mined. Of course, the mining weight is smallest for wearable bands but user do not need to do nothing other than passionately exercise with wearable band to mine CyClean coins. Get healthy and get rewarded for it! Like indoors bikes, we believe there will be no boundaries for age or gender or social background for working out with bare body. The wearable band will have a very affordable price line as well.

*Because we are not limited to specific model, thus please be noted that in the future, the specific model or design could change due to business reasons or for market reasons.









PRODUCT - E-BIKE

- CyClean Bicycle

CyClean bicycles will be one of the most powerful way to promote health and green revolution. We will both consider electric bike and normal bike if it is part of a large enough shared economy system. Bicycle is also a medium where age, gender, and social profile does not get narrow for user base.

While moving to short range or enjoying short stroll through the park or river side, why not get rewarded and earn profit for doing so?

*Because we are not limited to specific model, thus please be noted that in the future, the specific model or design could change due to business reasons or for market reasons.

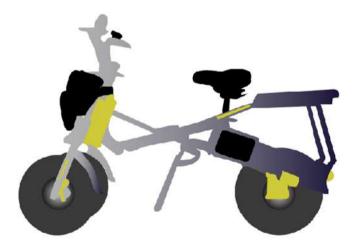
*Following images are not finalized as CyClean product.





eatures

- 250W motor power for easy electric support
- * 20 inch wheel size, suitable for most riders
- * Foldable, extendable battery maximum 70km mileage
- * Dual front spring absorbers, ensuring better experience
- * 7 speed Shimano multi-gears optional





PRODUCT - E-MOTORBIKE

- CyClean Motorbike

Electric motorbikes are also effective medium for short range travel, enabling quite competitive speed and functionality. For electric motorbikes, there are several models that can be effective to certain age or purpose. For example, following model is more compatible for silver age who requires aid for movement or for movement measure for an island tourism (3 wheeled). The other 2 wheeled electric motorbike would be more compatible for short to middle range road travel and for delivery services.

*Because we are not limited to specific model, thus please be noted that in the future, the specific model or design could change due to business reasons or for market reasons.

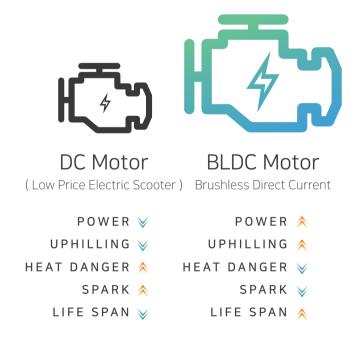
*Following images are not finalized as CyClean product.













PRODUCT - E-MOTORBIKE

항 목		제 원	
구동모터		500W 차동기어	
배터리		48V 20Ah	
적재함 크기		350 X 190 X 260 (mm)	
최저 지상고		120 (mm)	
타이어	전	16 인치 X 2.5 (노튜브)	
	卒	16 인지 X 2.5 (노튜브)	
제동방식	전	E-ABS, 주차브레이크	
	卓	E-ABS	
주행거리		완충시 35Km (정속주행시)	
공차중량		98 (Kg)	

항 목	제 원	
전장 x 전폭 x 전고	1500 X 670 X 950 (mm)	
축간거리	1050 (mm)	
적재함 높이	1030 (mm)	
안장 높이	650 (mm)	
최고속도	40Km/h (방전시 저속)	
등판각도	15도	
TAINLI	스크롤 방식, 전/후진	
주행방식	브레크작동시, 동력차단기능	
충전시간	4~6 (h)	
최대적재중량	100 (Kg)	

^{*} Two-wheeled competitive models are in reviewing/preparation phase as well



* Outline tracing of CyClean Electric Bicycle candidate





PRODUCT - CAR

- CyClean Car

Certainly, CyClean self-driving car will be able to serve the widest range of customers since it will be standard 4 wheeled car. But we are also considering various models to be part of CyClean electric car. As clearly stated, we are currently researching CyClean self-driving electric car with very competitive partners. The following companies have joined CyClean R&D and more will join very soon for such objective with great vision. When CyClean car is complete and launched to the market, it will provide one of the strongest mining capabilities thus it will be like ASIC metaphorically when mining CyClean coins.

(Our core partners who have joined CyClean so far for CyClean car R&D)

Current R & D Objectives

Design	Technology	License	
1. Inclusive Design	1. Electric car ABS tech 2. Automatic Break Control System (AEB) 1. Electric Car Safet and Confirmation		
2. Progressive Design			
3. Future Liffestyle for Vehicle Design	3. Lane Departure Warning System (LDWS)	Get certificate for self- driving car	
	4. Autonomous cruise control System (ACC)		
	5. TJA : Traffic Fam Assistance		
	6. Lane Keeping Assistant System (LKAS)		
	7. Deep Learning Based Fully Autonomous Driving Module		

R&D Schedule (Could be modified)

2018 2Q - 4Q	2019 1Q - 4Q
ACC R&D	Service Design Develop (2)
LDWS R&D	Self-Driving & Safe-Driving Algorithm R&D
Develop Service Design (1)	Self-Driving Vehicle certificate
Feature / System Design	Monitoring System_ Vehicle R&D
Electric Car Body Design	Design decision & CMF R&D
UX / UI Design	Manufacturing Scheduling & Preparation
Product Pipeline Design & Develop	
AEB R&D	
4 Wheel Steer Robot Power-train R&D	
Self-driving Car Augmentation	



PRODUCT - ESS SOLAR PANEL

- CyClean ESS energy unit

ESS sunlight panel is the first phase we implement for promoting clean energy in a modular approach. User will be able to produce electricity for themselves while also enabling to get rewarded for Watts.

Therefore the benefit expands to 3 channels:

- 1) saving earth by using clean energy
- 2) getting free electricity by natural resource or at least deducting electricity cost, and
- 3) getting profit by mining CyClean coins.

Modular approach is one of the most encourage methodology to spread clean energy as large scale, centralized clean energy replacement and innovation would take a lot of time and resource. But any household choose to install a domestic ESS sunlight panel to produce one's own electricity. And CyClean is willing to reward this courageous choice.

- *Because we are not limited to specific model, thus please be noted that in the future, the specific model or design could change due to business reasons or for market reasons.
- * CyClean product's image and specification will be revealed soon when we have clearance on opening up the product to public domain.













- Roadmap
- * Bold items mean it is already complet.

2018 Quarter 2

- Completion of Pre ICO, Main ICO
- Platform Soft Launch
- Deployment of business
- Connect well established
 Manufacturers
- Initiate Self-driving car researc

2019 Quarter 1

- Expansion of platform to Southeast Asia
- Get involved in government backed programs

2018 Quarter 3

- Exchange Listing
- Mining Deployment
- Prepare CyClean Franchise
- Discover paths to energy business
- Connect to big partners for tangible growth of CyClean

2019 Quarter 2

- Partnership with NGOs and Governments
- Connect Carbon Offset,Carbon Project
- Involve government policy to subsidize CyClean

2018 Quarter 4

- Full platform + business launch
- Develop a legal entity abroad
- Get licensed for Vietnam Sales
- Get network on China
- Get expansion on energy sector



CyClean has a busy year ahead. First objective to be completed is the successful completion of CyClean ICO. Since CyClean encourages both human health via green sports and the health of our ecosystem with innovative green emission, anyone in the world can share CyClean's agenda. Therefore as we reveal more tangible business and strong execution plans, ICO race will be completed with a success. During the ICO, the commercial business for CyClean Rental service (cycleanrental.com) is already operating in South Korea as a beta service in small scale. This is a strategy to build up CyClean business momentum as soon as the operation of ICO and to be able to operate larger scale of business right after main ICO.

Next, the platform launch will be a tremendous milestone for the CyClean team. Quarter 2 of this year looks to be jam-packed with good news. Since the platform is based on real products, we just have to show with good packaging. Then, we have exchange listing(s) and mining in quarter 3. Mining is probably what everyone should be excited about. Once CyClean coins become mineable, then people will know the power of CyClean motivation with green emission. The small scale rental service will expand to full scale rental service as well at this phase. Quarter 4 is when the full platform is to be launched. All CyClean products will be connected to CyClean central server for full green emission network. As described above, we will always be cautious for abusing in order to protect fair green emission. Fortunately, each product have specific range of functionality so it is easy to track and evaluate.

In 2019, CyClean will focus on expanding its platform to Southeast Asia, and potentially, maybe more regions. Partnerships with NGOs and governments are expected to happen in quarter 2 of next year based on CyClean's global outreach and influence. As mentioned, the roadmap reveals how CyClean could many partners and many country regions. Human health and green revolution are not specific to certain culture or region. EVERYONE needs them, and we will propagate such important goals with agility.





- Product Line

As announced, we do not need to put boundaries on product line or product model or product sales regions as long as they are competitive and compatible for our core partner's rental and sales operating business, assuming mutual green vision at the center. Therefore not only after the main ICO but also continuously, we will evaluate and consider multiple models within each product and also stretch out our product line as well. CyClean self-driving electric car research has also similar purpose as well for this matter because we believe 4 wheeled vehicles are the most dominant proportion in the world to be replaced to combat exhaust fumes. Because CyClean is not just about brand or symbol but it actually augments the product and the experience of its users, it can become a framework for many willing partners. Users can not only enjoy good product but also be rewarded for saving their health and shared ecosystem. Therefore the benefit will be mutual. As CyClean platform expands its physical territory, the rapidly growing influence and scale will be immediately reflected to CyClean market and valuation for CyClena as well. Of course, if purchasers or rental users can get more than just utility of certain product, the product sales or rental demand will be boosted and motivated as well. Even we ourselves expect the endless possibility of what components would fill up the global movement of CyClean.





- CyClean Franchise

Although CyClean platform is mainly about combating exhaust fumes and replacing petroleum based vehicles, we already invested significant portion on promoting green sports as well by including indoor health bike and wearable band within CyClean platform.

And this means it is not just about having another theme or seeking minor synergy between platform agendas. Because different green products-especially green sports and green health matters- can be sold in package as service or spacial brand, we have abundant chance for CyClean brand itself as well. Imagine a place such as a gym augmented with CyClean platform. In the future, as long as we can find maintainable profit line, we can expand CyClean coins' expenditure to purchase certain health product or well being food within such CyClean gym. In this very possible business model, gym members can work out very hard and spend their earned CyClean coins to purchase protein drink or delicious salads right at the CyClean cafe inside the gym. We are already having conversations about realizing this business model. Nevertheless, we shall announce only what is confirmed with certainty, thus news about CyClean Franchise will be updated in the newer version of CyClean whitepaper at the near future.





- Service Scope

CyClean vehicles will require parts replacement and AS service as well, and it would be natural to provide these services with CyClean coins. Because our core partner is an experienced sales operator with complex business experiences and tactics already in its assets, we will be able to find appropriate pipeline to include parts purchase and AS service for CyClean coins as well in the future. Of course this service assumes completion of the full platform launch of CyClean.

- Towards Full Platform

CyClean platform not only aims for combating exhaust fumes or promoting green sports but also promotes clean energy, replacing unsustainable way of energy production with modular deployment strategy. One of such strategies is ESS sunlight panel augmented as CyClean product, rewarding users for producing energy by themselves in a sustainable way. But as it is with the CyClean franchise, our current scope for clean energy promotion is only at the beginning phase.

For energy sector, we have specifically allocated part of CyClean total supply as investment budget. Also, such budget is not sitting ideal or waiting for uncertain opportunities to come. We are actively discussing partnership with a large scale partner for this matter and we will announce our direction for expanding clean energy promotion once we have legal certainty for this matter. Two of possible candidates are as following: 1) magnetic field battery, and 2) vertical wind tower generator.

Example sourced from Odin Tower (Korea Energy).

*This is not the specific model we are looking on but only a reference.





- Carbon Credit / Carbon Offset / Carbon Project

According to Carbon Fund, a carbon credit is an instrument that represents ownership of one metric tonne of carbon dioxide equivalent that can be traded, sold, retired, etc. If a company is regulated under a cap-and-trade system, they most likely have an allowance of credits they can use toward their cap. If they use fewer emissions (credits) than they are allocated, they can trade, sell, hold, or do whatever they like with the credit. If it is sold, it is their allowance of emissions being sold to someone else. (Likewise, if they use more than they have allocated, they must purchase a credit to be in compliance). So a credit becomes tradable, like an offset, because of a very real reduction in emissions, but often times the reduction is from an activity you may not have thought of, like changing a business practice, flying less, turning off equipment at night, and so on. A carbon offset, on the other hand, is also a very real reduction of carbon dioxide emissions, and results in the generation of a carbon credit, but from a project with clear boundaries, title, project documents and a verification plan. Carbon offsets generate reductions outside the 'four walls' of a company in most cases. Projects like building a wind farm, supporting truck stop electrification projects, planting trees or preserving forests are very common carbon offset projects. These reductions occur outside the companies' four walls but more importantly, outside any regulatory requirement. They are in addition to what is being mandated.

Also the Carbon Fund adds, a carbon offset derived from a third-party certified project usually generates a carbon credit. But a carbon credit need not be from a carbon offset project. Because carbon dioxide is a global impact gas, meaning it does not affect us locally through increased smog or acid rain, both offsets and credits have the exact same reduction in carbon dioxide emissions and have the exact same benefit to the planet in terms of climate change. Therefore based on this information, we can propose that we mainly aim to contribute with carbon offset by effectively replacing oil based vehicles. Our final goal would be to become a carbon project and be recognized for our Carbon Offset contribution. Although it may sound grandiose, as you well may have read the whitepaper, we have a very intuitive model for improving carbon status of the entire earth.



And our business model will have tangible quantity measures to be tracked and become evidence and verification for our specific carbon status contribution. Because the green emission tracks the amount of green vehicles' usages, we are able to present our contribution very clearly as long as we do anonymous filtering of the data when presented for privacy matters. Also, because we motivate users with reward system and we will expand aggressively in a global scale, our contribution will not stay small or still. Additionally, once we achieve recognizable influence on the global community, we believe many government subsidies and green funds would be willing to support us. Therefore at that moment, we will not only reward users for contributing to the green revolution but also be rewarded ourselves for generating such healthy cycle. We dream and expect for this moment to come, and surely, when such achievement happens, it will be directly reflected to CyClean platform and CyClean market.

PARTNERS



















MOTORCYCLE















Eautobahn

EAUTOBAHN (SELF-DRIVING HARDWARE)

Join us. Save yourself and our ecosystem. Become part of the Clean Cycle.





APPENDIX

URL for partnered stock exchange, Kocostock:

https://kocostock.com/

White paper distribution source:

https://cyclean.io

: CYCLEAN PTE. LTD. Company Name

UEN : 201809890K CYCLEAN PTE LTD

> This is to confirm that the company was incorporated under the Companies Act, on ASST REGISTRAR OF COMPANIES & BUSINESS NAMES from 22/03/2018 and that the company is a EXEMPT PRIVATE COMPANY LIMITED ACCOUNTING AND CORPORATE REGULATORY AUTHORITY SHARES

SINGAPORE

Please refer to the Condition & Terms at website to get informed about our legal position in terms of CyClean, CyClean Platform, and CyClean ICO. Any unmentioned information or unintentional mismatch of information are overruled by our Condition & Terms,

Office Numbe - +65 6394 9172

cs@cyclean.io

(Please refer to the website and email if you have questions about CyClean ICO. The number is mainly for B2B consultation.)

github: https://github.com/cycleanio/cyclean.git

CyClean website: https://cyclean.io

Join CyClean: https://cyclean.io/join_en

Guide on Signing up and KYC: https://medium.com/@gost241gost241/how-to-participate-to-cy-

clean-ico-69dbc2a30d43

Social Media Links:

https://cycleanio.blogspot.kr

https://t.me/cycleancoin

https://t.me/cycleangroup

https://www.youtube.com/channel/UCSqePnrFanWrjncuDo_lqUw

https://www.facebook.com/cyclean.official

https://www.instagram.com/cycleancoin

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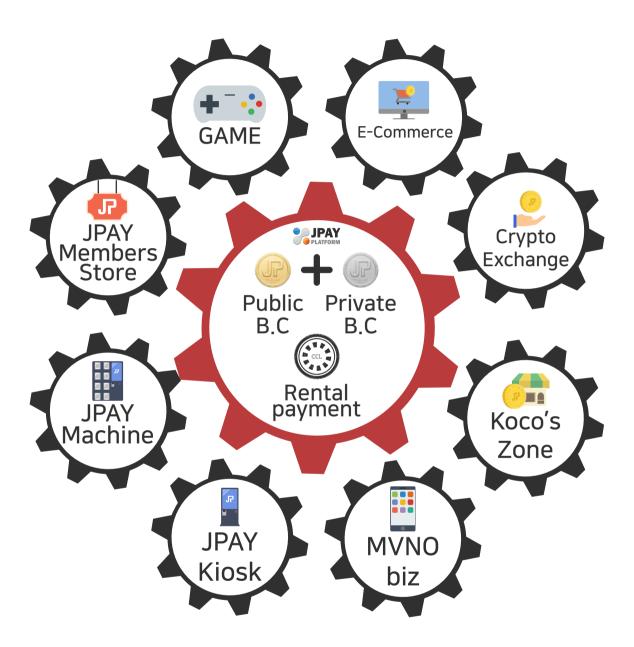
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REAL-PRODUCT BASED PLATFORM





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