



Whitepaper

V. 2.1





ETHEREUM BLOCKCHAIN
ERC-20 TOKEN
21 MAY 2021



CRYPTO CARBON ENERGY

INTRODUCTION

Global climate change is the change of the global temperature caused by greenhouse gases generated and released into the atmosphere increasing heat-holding gases such as carbon dioxide. These gases create a greenhouse effect on the surface of the atmosphere. As a result, it creates global climate change with the increase of average temperatures measured in land, sea and air throughout the year.

This climate change manifests itself with drought, desertification, imbalance and deviations in rainfall, flooding and increment of meteorological events such as typhoons, storms, tornadoes etc. The severity of this situation has become the main agenda of the world. Various organizations have been held ever since to find a solution for this problem.

The process of transition to clean energy targeted by 2030 within the scope of the Paris Agreement adopted by various countries of the world in 2015 (please take a glance at <https://www.mfa.gov.tr/paris-anlasmasi.tr.mfa> for the details of the agreement of which Turkey is also a signatory) is not as completed as it should have been so far. Our world will be facing a great danger if a different and rapid solution cannot be found as soon as possible.

As CYCE, we have been working very hard for a long time to accelerate the transition to clean energy around the world, reduce fossil fuel use and make renewable energy sources more valuable. With the occurrence of blockchain technology, today's world has entered into a new decentralized system of agreements, reconciliations and mutual understandings, in which the data is distributed in blocks to each user and equalized.

With this project, we aim to create a solution for the global climate change, which is the biggest problem of our world, by using blockchain technology and to ensure that all humanity can be a part of this support mechanism to make the climate back to normal temperature levels by reducing the quantity of carbon released into the atmosphere.

Whitepaper contains the analysis of this problem, our solution method and the action plan of all of our projects spanning over 30 years based on blockchain technology and the secure agreement infrastructure that it provides.

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CYCE CEO

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THANK YOU



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WHITEPAPER INFORMATION

The token, a crypto asset that we created with the name "CYCE" belongs to CRYPTO CARBON ENERGY INC. which is a registered joint-stock company in Turkey. Our establishment is the owner of the largest social responsibility project launched worldwide, published on www.cycecoin.com and .org websites and aiming to add value to the assets of communities operating in the energy field.

This document is the second version created and changes may occur for subsequent ones. Modifications will be shared in chronological order of versions, and will be up-to-date and effective as of the date of publication. This document and its future versions are for informational purposes only. "Whitepaper" has been prepared to reflect the transparency of our project in terms of its nature. It is not an invitation letter or a similar tool that comprises an investment feature in any way.

Furthermore, this platform is not a crypto asset exchange. Trading of crypto assets is not carried out by any method.



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PROJECT SUMMARY

CYCE is the short for CRYPTO CARBON ENERGY. It is a token for carrying out transactions with ERC-20-based smart contracts created on the ETHEREUM network to be used within the blockchain technology infrastructure. It belongs to CRYPTO CARBON ENERGY INC. registered in Turkey. Our website is www.cycecoin.com

Our establishment is also the owner of the largest social responsibility project launched worldwide by bringing relevant communities together, aiming to raise awareness and draw attention to global climate change through www.cycecoin.org website.

In addition, it aims to increase the value of power plants generating energy with renewable energy sources by rewarding them with CYCE in order to reduce carbon emissions into the atmosphere during energy production, channel the investments to these plants and produce solutions for global climate change.

Although CYCE was launched with blockchain technology, it is different from any other projects created on this platform. The starting point of the project is to costlessly give 80% of the produced CYCE crypto assets to these power plants as a reward in order to add more value to them against fossil fuel-fired ones, and we plan to build and operate these facilities with the remaining 20% allocated for operational activities. In this respect, this project has turned into a series of chain projects that are linked to one another by merging 3 different main projects.

These projects are:

- 1- Licensing renewable energy sources installed all over the world with CYCE
- 2- Cultivation of C4 energy crops for new biomass power plants planned to be built
- 3- Establishing new biomass power plants

Following the ICO process and public offering, the licensing period for power plants using renewable energy, plants emitting just a little carbon or not emitting at all around the world and especially in Turkey, has been determined as 10 years. The process of cultivation of C4 energy crops and establishment of new biomass power plants will continue parallelly, and we aim to complete this chain of projects by 2051, making a total of 30 years.

The ultimate goal of this project is to make clean energy sustainable with lasting positive environmental impacts in order to leave a habitable world for future generations.

We plan to launch a second chain of projects including our 2101 targets before 2051 in the light of technological and ecological developments that may and will occur.



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TECHNOLOGY

Fossil fuels have been the most preferred source of energy due to their energy values in line with developments such as technological developments in the world, the Industrial Revolution and the growing need for electricity with increasing population. In terms of its unaccounted consequences over the past 150 years, it has led all countries of the world to create an emergency action plan as of today.

For this reason, climate change is a fundamental problem for every single person in the world. Blockchain technology is the optimum fundraising method for the CYCE project due to its decentralized and worldwide traceable structure. Thanks to these opportunities, it has been created a token for a start-up on the Ethereum network using Blockchain technology and the processes for its public offering has been initiated. Details of this technology are available hereinbelow.

Blockchain

Blockchain is an operating system functioning as a transparent and secure next-generation database and running on the internet as a decentralized, distributed and encrypted structure depending on no authority, allowing to follow all kinds of data, where only sellers and buyers making transactions can get a record of those and everyone can display them.

For money transfers or any data processed, the system creates a data block. In other words, the sender, the sent amount and the recipient's information are all a block. These blocks created at time of transfer are encrypted and can never be changed; so, the information within becomes unbreakable. This information is encrypted and distributed to millions of databases in the database network at the same time. In this way, this encrypted information is distributed and stored in databases within the network.

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Blockchain Structure

Blockchain has a structure that functions with data blocks, just like a database. In fact, there is a data processing and distribution network that seems complex but is easy to understand.

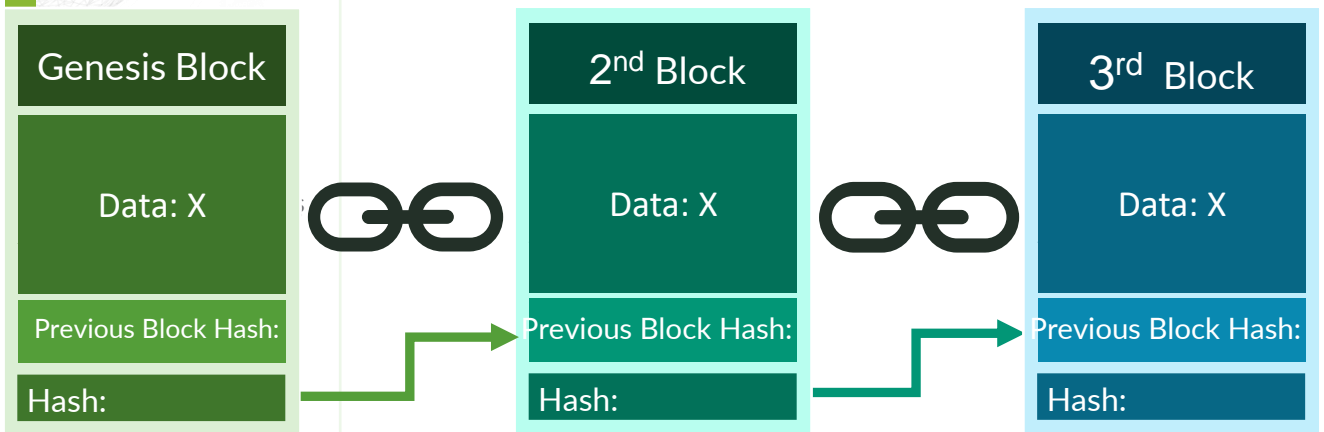
It is a sequence of unique characters of its own called Hash, encrypted with a Secure Hash Algorithm for each block, containing all the information within at each data exchange.

Blockchain uses proof techniques like Proof of Work and Proof of Stake in data exchange. In order to prevent external interference, the verification process of these techniques is short, but the decoding process is long. The block hash value changes with each data exchange. Miners validate changing data using these methods. With the new hash value, the chain is reconnected.

Each block contains 3 values. These are:

- 1-Hash value of the previous block
- 2-Data
- 3-Hash

When a transaction is initiated on the blockchain, the data containing the sender, transaction amount and receiver information is issued on the distributed network. Node network, namely the miners verify this transaction. The new block is then irreversibly linked to the chain.





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Ethereum

Ethereum is a crypto asset using ETH currency, developed with blockchain infrastructure, having its own decentralized network created.

Its most important feature is that it is programmable according to requirements. Blockchain developers gather on this platform. For this reason, it is a supportive system that brings large developer communities from different fields together for different purposes and gives them the opportunity to create various solutions. It is also expanding the usage areas of blockchain by creating different extents such as decentralized finance (DeFi), non-fungible tokens (NFT), Decentralized Autonomous Organizations (DAOs) and decentralized applications (DApps).

Smart Contracts

Smart contract is a mutual agreement system that enables encrypted and secure transactions on blockchain network. It can be considered as an application or program running on the blockchain system. It is a system composed of digital code rows having to apply certain rules. These rules are pre-determined through programmable systems.

Its most basic feature is that, unlike contracts made in the physical world, the rules are determined only for once and can never be changed, including by the ones making them.

Smart contracts always give the same result regardless of who is making the transaction, and the transactions are fast, cost-free and secure.

CYCE smart contracts are prepared using ERC-20 standards of Ethereum blockchain network, and in Solidity language.

ERC-20

Since CYCE smart contracts are located in the Ethereum blockchain, they are prepared using ERC-20 standards and have already been pre-approved by Ethereum blockchain network. Transactions can be followed up via Etherscan.



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SECURITY

CYCE system offers its users a secure and transparent environment with full-fledged security audits and an external auditor system that does not allow any vulnerability. By choosing its partners with this principle, it provides maximum protection. Hereinbelow are the security audits and systems in question.

- 1- Trust Wallet (wallet) – MetaMask (wallet)
- 2-KYC (authentication)
- 3-2FA Authentication (SMS and Google Authenticator)
- 4-CertiK (External Security Auditor)

WALLET

Trust Wallet – MetaMask Wallet

As CYCE, we care about each CYCE asset and all accounts having assets in. For us, security comes before every transaction. Trust Wallet and MetaMask wallets are the most advanced and secure ones in the blockchain network. Trust Wallet and MetaMask wallet are also CYCE's partners of choice for the security of its own crypto assets and funds.

According to CoinMarketCap data, Trust Wallet, owned by Binance Holdings Limited, a subsidiary of Binance exchange, which has been ranked at the top in terms of exchange score, trading volume and weekly visits for many years, provides one of the most secure wallet services in the world.

Trust Wallet and MetaMask are both wallets that offer its users additional benefits such as buying, storing, exchanging cryptocurrencies as well as interest income. Trust Wallet and MetaMask, which promise easy access to cryptocurrency world, both support coins like Bitcoin, Ethereum, Binance Coin, Ripple etc.

CYCE provides a secure, comfortable and transparent digital environment by enabling each individual member or registered plant to keep their assets in their own wallet through Trust Wallet and MetaMask. No asset of any owner is stored in wallets created with its own middleware.



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KYC (Authentication)

CYCE uses KYC authentication, which is a next-generation authentication method. It ensures that members are real people and they really are the person that they enounce to be in a consistent way. When registering, the system requests an identity card, face recognition and additional statements from members-to-be. In this way, it allows to get in touch with the right person both during registration and in the event of a security breach.

2FA Verification System

When logging into CYCE system, 2FA Google Authenticator verification is used.

Two-factor authentication basically consists of using a second step when we log into our accounts. Implemented by entering another code received as a text message on the phone along with the password, 2FA creates an extra layer of security.

Google Authenticator

Google Authenticator is a two-factor verification tool like SMS. For transactions requiring verification, such as logging into your account, you can use constantly changing codes defined in your Google Authenticator application instead of an SMS code.

Google Authenticator is considered a more secure two-factor verification method than SMS, as it can only be used on the device of your choice and requires access to your device.



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CRYPTO CARBON ENERGY BLOCKCHAIN NETWORK

As our project is based upon the theme of global climate change, effective time management is also of high importance for the world. Starting with a token created on Ethereum blockchain network, making green and clean energy production valuable has been our first priority.

However, one of the most important points in this project is;

During the verification process of transactions (mining) made in the blockchain system, there is a constant energy consumption as it uses cryptography processors. Transacting computers consume mixed energy as they can work anywhere in the world. Especially in recent years, blockchain systems have become widespread and led up to increasing energy consumption.

Since the objective of our project is to reduce carbon emission in energy production, we are also developing a blockchain system that does not create carbon emission on the platform we use.

In the renewable energy power plants being a part of the Investments section of our project, we are developing a blockchain system with a known source and traceable carbon footprint by installing verification (mining) computers with no carbon emission.

Basically, CYCE Blockchain will be the cleanest and most guaranteed blockchain system in the world, providing its energy needs from renewable energy sources.



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PURPOSE OF THE PROJECT

With our project, we aim to include all humanity in this support mechanism to reduce carbon emissions to fight against global climate change, which is the biggest problem of our world, and to decrease the world temperature by keeping it away from critical threshold values by using blockchain network technology. Global climate change is of particular concern to not only us, but also to future generations and our world.

Many countries and central authorities support some projects and energy production with renewable energy sources within their own budgets to soften the blow of global climate change.

However, since this support mechanism is not based on strong macroeconomic models and solid basis such as being a political goal for countries, it constantly lays a heavier burden on the budgets of countries and keeps the system away from becoming sustainable. As of every day, carbon emissions are increasing, and it drags us to a boiling point in terms of global climate change threat that we're facing.

Creating a system that we can altogether organize and support as humanity has now become mandatory.

Blockchain technology is the verist decentralized, transparent, uncensored and supra-state system that can widely be relied upon.

The primary task of crypto assets is to ensure the transfer of assets owned by individuals in a decentralized way, without any limits, very rapidly and with the use of the most secure crypto technology all over the world.

As a secondary task, each asset, coin or token is used to implement the projects included within the network by funding them.

And its third task is to use its own asset unit in the most reliable and independent way on the same network by recognizing tokens or coins created in accordance with the needs of the society by specific projects as an exchanging tool, and without using other asset units.

With all these features, crypto and blockchain technology is the most accurate system for developing a solution to a problem that concerns all humanity. All asset-owning individuals, companies, funds and central banks will be part of the solution to the world's most important problem, such as global warming, while converting their assets into crypto.



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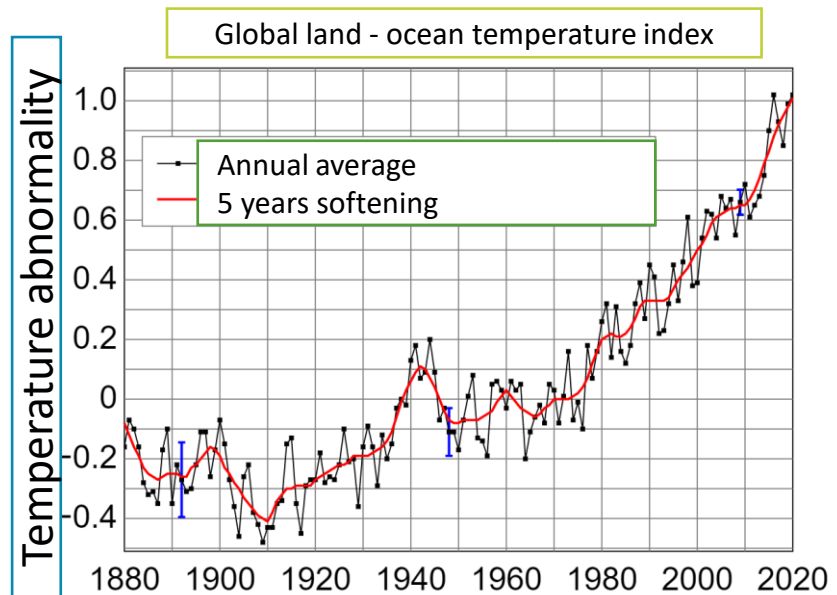


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GLOBAL CLIMATE CHANGE

Global climate change is the change of the global temperature caused by greenhouse gases generated and released into the atmosphere by increasing heat-holding gases such as carbon dioxide. These gases create a greenhouse effect on the surface layer of the atmosphere. As a result, it creates global climate change with an increment of the average temperatures measured in land, sea and air throughout the year.



Researches conducted to solve this problem have been focusing on the factors causing greenhouse effect.

CO₂ and Greenhouse Emissions

Greenhouse gases are both natural and anthropogenic gaseous components of the atmosphere absorbing and emitting radiation at specific wavelengths within the spectrum of infrared radiation released by the Earth's surface, atmosphere and the clouds. Due to these features, they create a greenhouse effect. Water vapor (H₂O), carbon dioxide (CO₂), nitrous oxide (N₂O), methane (CH₄) and ozone (O₃) are the principal greenhouse gases.

Due to ever-growing human activity since the beginning of the Industrial Revolution (1760), there has been a 45% increase in atmospheric carbon dioxide concentration from 280 ppm in 1750 to 415 ppm in 2019. It has been observed that the closest time when the atmospheric carbon dioxide concentration was so high was more than 3 million years ago. This increment occurred despite the fact that more than half of the emissions were absorbed by various "carbon sinks" within the natural carbon cycle.



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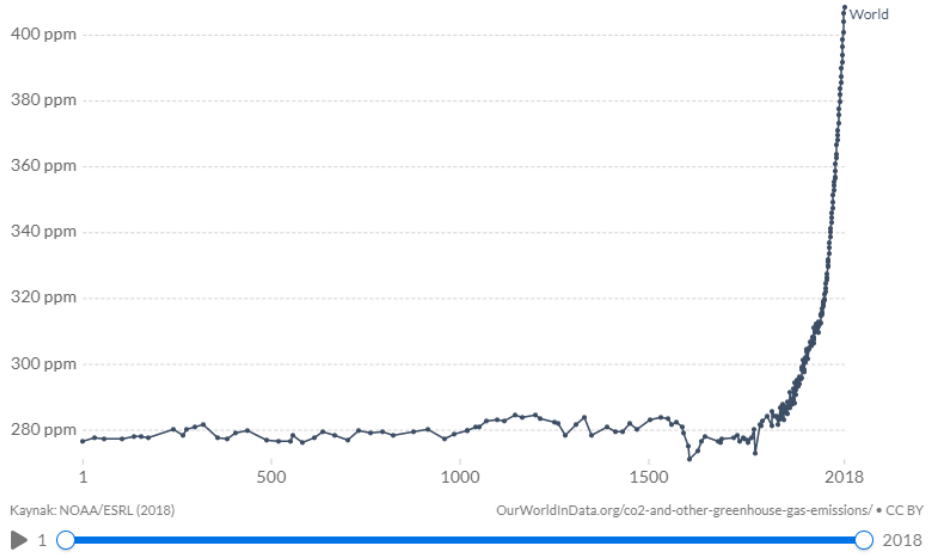
Atmospheric Carbon Dioxide Concentration

The chart below shows the rise in recent years:

Global CO2 atmospheric concentration

Milyonda parça (ppm) olarak ölçülen küresel ortalama yıllık karbondioksit (CO₂) konsantrasyonu.

Our World
in Data



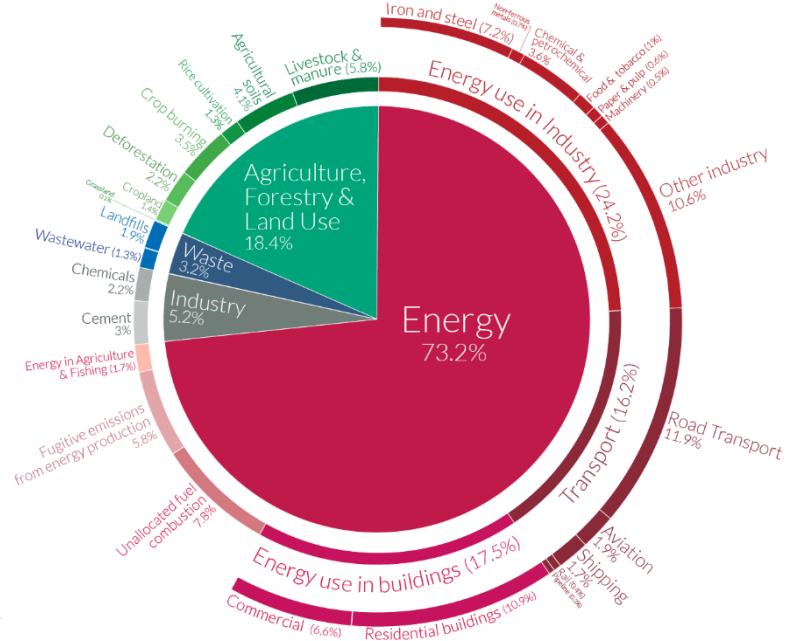
Global Greenhouse Gas Emissions by Sector

The factors upsetting this natural balance are shown in the chart hereinbelow.

Global greenhouse gas emissions by sector

This is shown for the year 2016 – global greenhouse gas emissions were 49.4 billion tonnes CO₂eq.

Our World
in Data





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Main fields causing greenhouse effect are shown hereinbelow with their percentages.

SOURCE	PERCENTAGE
Energy (Electricity, Heat and Transportation)	73.2
Direct Industrial Processes	5.2
Waste	3.2
Agriculture, Forestry and Land Use	18.4

Table 2

Share of Energy Production in Global Greenhouse Gas Emissions

Global climate change is an issue with very various breakdowns in terms of its causes. Global action plans such as the Montreal Protocol, Vienna Convention, Kyoto Protocol and the Paris Agreement are made and implemented under each topic.

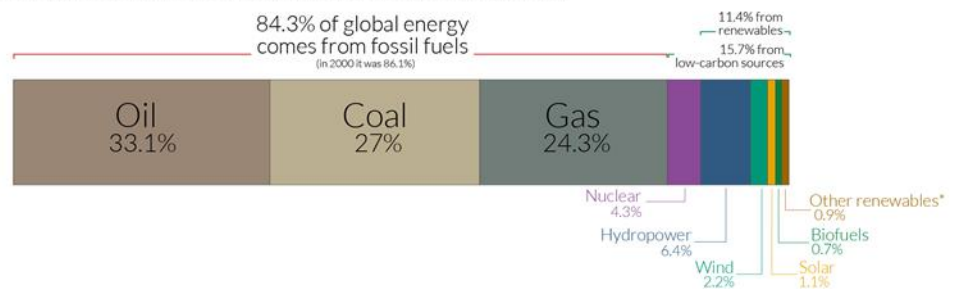
As CYCE, we consider energy production with the highest ratio in terms of its reasons as the main subject of our project, making it our main priority.

Fuels and methods used for generating energy are shown hereinbelow.

Global primary energy consumption by source

The breakdown of primary energy is shown based on the 'substitution' method which takes account of inefficiencies in energy production from fossil fuels. This is based on global energy for 2019.

Our World
in Data



Other renewables includes geothermal, biomass, wave and tidal. It does not include traditional biomass which can be a key energy source in lower income settings.
OurWorldinData.org - Research and data to make progress against the world's largest problems.
Source: Our World in Data based on BP Statistical Review of World Energy (2020).

Licensed under CC-BY by the author Hannah Ritchie.

Table 3



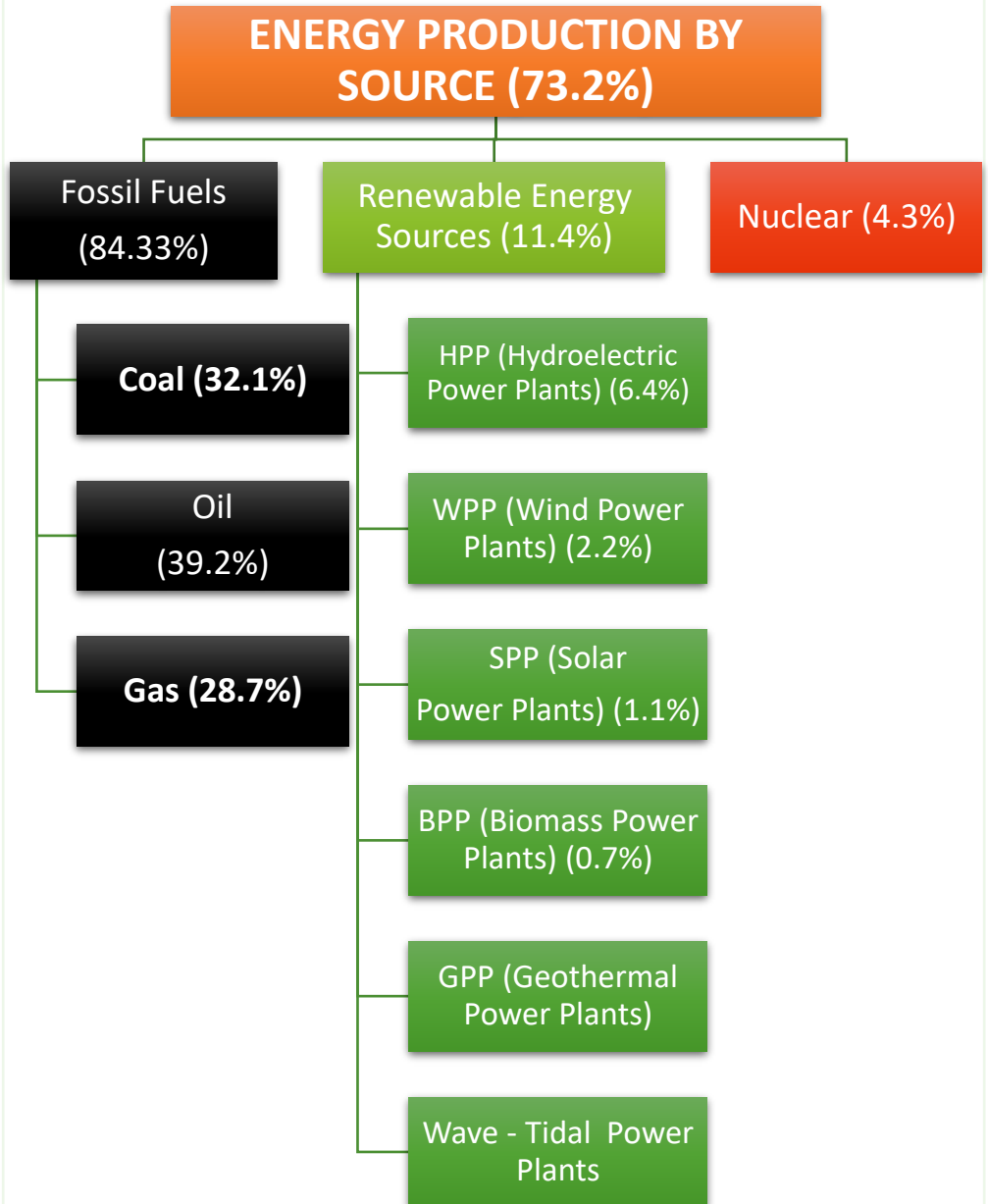
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We supply 84.3% of energy needs from fossil fuels. Fossil fuels and the amount of carbon they release into the atmosphere when burned have been the driving force of global climate change.



The use of renewable energy sources in energy production is still as low as 11.4% despite all the measures taken worldwide. The transition from fossil fuels to renewable sources is progressing very slowly and our time is running out



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RENEWABLE ENERGY SOURCES

Renewable energy is the energy that can be obtained from carbon-neutral natural sources such as sunlight, wind, rain, tides, waves and geothermal heat as well as from naturally renewable sources on a human-time scale.

Rank	Type of Plant
1	HEPP (Hydroelectric Power Plants)
2	WPP (Wind Power Plants)
3	SPP (Solar Power Plants)
4	BPP (Biomass Power Plants)
5	GPP (Geothermal Power Plants)
6	Wave - Tidal Power Plants

At CYCE, this is the starting point for our solution to this problem. Our priority is to award facilities using renewable energy sources with CYCE assets, and to increase these facilities in value. Thus, we plan to ensure that global energy investments are directed towards this direction.

Relevant details can be found under the YES SYSTEM section.



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YES SYSTEM

What is YES?

“YES” is the abbreviation of Renewable Energy Power Plant in Turkish (Yenilenebilir Enerji Santrali). However, as CYCE, we prefer to adopt its own meaning in English because we say YES to renewable energy and NO to energy generation from fossil fuels.

CYCE YES License

Once a certain renewable energy power plant completes its registration through any of our communication channels, the system automatically creates a CYCE YES LICENSE for them. This license can be checked up on our website.

Moreover, licensed facilities will continuously and livingly be published on our website under the YES MEMBERS tab.





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Determination of YESs to Be Licensed

In order for power plants to be included in the CYCE rewarding system, they must be power plants with little or no carbon emission to the nature and they should be generating energy by utilizing renewable energy sources.

Therefore, power plants producing energy from fossil fuels cannot be a part of this rewarding system.

In other words, all power plants except the ones that produce energy from fossil fuels and nuclear power plants are included in the CYCE rewarding system.

The types of power plants in the list below will be awarded with CYCE.

- HEPP (Hydroelectric Power Plants)
- WPP (Wind Power Plants)
- SPP (Solar Power Plants)
- BPP (Biomass Power Plants)
- GPP (Geothermal Power Plants)
- Wave - Tidal Power Plants

As CYCE, we plan to reach over all of these facilities in Turkey and in the regions where they are located all around the world by means of our physical, digital or other channels, and ensure that they receive their CYCE rewards. We aim to reduce energy production from fossil fuels and increase energy production with renewable energy sources by turning these power plants into value-added power plants.



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REWARDING SYSTEM

The fundamental ground of this project is to costlessly deposit as many CYCE assets as calculated according to the list hereinafter into the power plant's account as reward in exchange for 1 kW of installed power, indexed to the installed power capacity of carbon-neutral renewable energy power plants.

The VALUATION TABLE hereinbelow determines the reward scale for the plant in question. According to this chart, the amount of CYCE to be transferred is determined by multiplying the total installed power amount with the VALUATION FACTOR (kW). The determination method is created based on the amount of carbon or heat that the plant evolves to nature.

VALUATION TABLE

RANK	CYCE AMOUNT	VALUATION TABLE	POWER PLANT TYPE
1	1 CYCE	1.00	HEPP
2	1 CYCE	0.95	WPP
3	1 CYCE	0.90	Wave – Tidal
4	1 CYCE	0.85	BPP
5	1 CYCE	0.80	SPP
6	1 CYCE	0.75	GPP

Table 3

The rewarding system will gradually change within itself. The reason for this is that the market value of CYCE will increase in the light of the calculations we have foreseen with both the digital asset studies and the planned C4 energy crops project and the biomass facilities installation project that we will carry out physically.

When 50% of the token amount to be awarded to the power plants is distributed, the VALUATION FACTOR in the VALUATION TABLE will also be calculated by 50%.



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PRINCIPLES OF USE OF CYCE FOR LICENSED YESs

As we stated in the Introduction and Summary section, we are making long-term plans for an organic structure that ensures its own continuity. CYCE assets awarded to power plants are displayed on the users' screen with two separate indicators:

1-Reserved CYCE Amount

2-Active CYCE Amount

The total amount of CYCE specified in the reward system represents the total amount of Reserved CYCE in power plant's account. If the power plant wishes to exchange this asset, the acquired amounts within the following time periods will belong to it.

The activation of the total Reserved CYCE amount depends on the continuity of the plant. 5 years after the power plant receives the CYCE license, the entire amount of the Reserved CYCE will become active gradually.

This amount is first divided evenly over five years. The amount per year is also divided equally into four quarters. Thus, three months after the license date, the first CYCE amount is added to the Active CYCE amount and left to the disposal of the power plant. In addition, this CYCE amount will be loaded into the wallet of the power plant as of the same date.

One year after the power plant license date, the power plant gets entitled to one-fifth of the Reserved CYCE amount and this amount is loaded into its wallet. In order to load the remaining amounts acquired in the second year and for the following four years, the power plant must document that its activity continues.

The power plants that have suspended their operations or have completely stopped operating within these five years can freely use the CYCE amounts they are entitled to. However, they cannot use their Reserved CYCE amount allocated for them for the remaining time.

Even if the ownership structure or location of the power plant changes, the amount of CYCE earned and kept in reserve in the years that it could not be used will be loaded into the power plant's account and wallet within the same periods, if it is documented that their operations continue. After the completion of the fifth year, as long as the license of the power plant is valid, its right on CYCE assets is reserved and the use of all CYCE assets belongs to itself.

If the same power plant has suspended its operations due to a change in its ownership structure or location, it can use its active CYCE assets. No CYCE transfer will be made during the time past until the plant restarts operating. In case the power plant certifies that it has started its operations, the amount earned within the remaining years will be transferred to his wallet according to his activity status.



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TOKEN ECONOMY

In the light of the information provided above, when the current installed power of renewable energy sources worldwide and the projected increase in energy production for the next 30 years are calculated, the total amount of CYCE to be produced is determined as 10,000,000,000 units.

A large portion equal to 80% of the total CYCE amount will be given to the licensed power plants, while the remaining 20% will be used in organizations and investments. Accordingly:

Total Amount of CYCE Tokens Produced	10,000,000,000 Units
%20 for organization and investments	2,000,000,000 Units
CYCE Token ratio to be given as reward to power plants covered by YES is %80	8,000,000,000 Units

Rewards of YESs %80

A large portion of tokens to be distributed, such as 8,000,000,000 units, is reserved for power plants that will receive YES licenses. This amount will continuously be given as reward to existing facilities as well as the ones that will fall within this scope for the next 30 years and the ones that will be newly built. Transfer will be made to each power plant according to the table and conditions shown under the Reward System section.

The project is expected to be completed in 2051 and these terms will remain constant and will not be changed in the 30 years to come.

The licensing period of the facilities around the world, starting from Turkey, will be completed in 10 years and the delivery of the rewards will be completed in 15 years.

For example, a facility with an installed capacity of 1 mW will get access to their reward tokens as shown below.



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Token Activation Calendar Example

Recourse

Licensing

Reward Token
Delivery

8,000,000,000 tokens allocated as reward for YESs will be available for sale in the market in **35 years** in total. Each licensee YES will receive reward CYCE assets in five years and in three-month periods according to the example shown in this table.

Determination of
Installed Power

Valuation Table

YEAR 1	Q1	50 UNITS	200 UNITS
	Q2	50 UNITS	
	Q3	50 UNITS	
	Q4	50 UNITS	
YEAR 2	Q1	50 UNITS	200 UNITS
	Q2	50 UNITS	
	Q3	50 UNITS	
	Q4	50 UNITS	
YEAR 3	Q1	50 UNITS	200 UNITS
	Q2	50 UNITS	
	Q3	50 UNITS	
	Q4	50 UNITS	
YEAR 4	Q1	50 UNITS	200 UNITS
	Q2	50 UNITS	
	Q3	50 UNITS	
	Q4	50 UNITS	
YEAR 5	Q1	50 UNITS	200 UNITS
	Q2	50 UNITS	
	Q3	50 UNITS	
	Q4	50 UNITS	

Valuation Factor	Power Plant Type
1.00	HEPP
0.95	WPP
0.90	Wave – Tidal
0.85	BPP
0.80	SPP
0.75	GPP

Total amount at the end of 5 years: 1.000 Unit



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%20 for Organizations and Investments

2,000,000,000 units of tokens will be traded in the market in specified amounts shown in the table on three separate dates, then they will be sold only for new investments as much as the investment need and the generated income will again be used for investments.

DATE	DESCRIPTION	UNITS
28/05/2021	PRIVATE SALE	2,500,000
28/06/2021	ICO	39,000,000
13/08/2021	STOCK EXCHANGE	50,000,000

Private Sale

The private sale started on 28/05/2021 and the relevant information is shown in the table below.

PRIVATE SALE	DESCRIPTION
Starting Date	28/05/2021
Ending Date	28/06/2021
Duration	30 Days
Min.	500.000
Max.	2.500.000
Number of Phases	1
Phase Cost	1 USDT

The private sale end date is shared for the start of the ICO process.

Sales will continue on the private sales page of our website.



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ICO Process Information

ICO (Initial Coin Offering) is the period used in the blockchain system to determine the pre-market value or to measure the adoption level of the determined price. ICO information is shown in the table below.

ICO INFORMATION	DESCRIPTION
ICO Starting Date	28/06/2021
ICO Ending Date	10/08/2021
ICO Duration	42 Days
Soft Cap	1,500,000
Hard Cap	39,000,000
Number of Phases	7
ICO Phase 1 Cost	1 USDT

Phase Information

During the ICO process, a period consisting of 7 phases is gradually planned for the market-price adoption balance based on the increase in token amount. The quantities and prices to be offered in each phase are shown below.

NUMBER OF PHASE	QUANTITY	PRICE
PHASE 1	500,000	1.00 USDT
PHASE 2	1,000,000	1.10 USDT
PHASE 3	1,500,000	1.20 USDT
PHASE 4	2,000,000	1.30 USDT
PHASE 5	3,000,000	1.50 USDT
PHASE 6	5,000,000	1.70 USDT
PHASE 7	10,000,000	2.00 USDT



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Public Offering

The public offering of our CYCE asset will be carried out on exchanges trading around the world, in line with the information shown in the table below.

EXCHANGE DATA	DESCRIPTION
Public Offering	13/08/2021
Designated Amount	50,000,000

Following the public offering, new supply amounts will be determined based on the investment organization to be carried out and relevant information will be shared through our communication channels.



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INVESTMENT PLAN

The main purpose of this project is not only to make systems producing renewable energy sources value-added, but to spread a sustainable and permanent environmental plan over many years.

With blockchain technology, we have begun to embrace the Web 3.0 entity. Decentralization offers a breadth of opportunity for next-generation projects. However, since the understandability of technology requires more technical knowledge, projects are still with digital content.

Projects on the physical world do not occupy enough space on this platform.

The Crypto Carbon Energy project is an issue that concerns the whole world. Blockchain technology is the most suitable structure for individuals to move freely without being stuck in the legal or political bounds set by countries in money transfers, while supporting the project. This project needs digital infrastructure as well as it provides added value in the physical world.

When we look at this general structure, this project is different from other current projects. It is a chain of long-term, interconnected but distinctly beneficial projects.

1-Creation of CYCE and Licensing of YESs

2-Organization of C4 Energy Crops Cultivation

3-Establishment of Biomass Power Plants

We will make continuous announcements regarding these developments through our communication channels in the periods we have determined. Let's take a look at our first long-term project consisting of a 30-year plan.

Starting Date of Project: 01/2020

Pre-Sale Starting Date: 06/2021

Licensing Starting Date for Turkey: 06/2021

Licensing Starting Date Worldwide: 09/2021

Completion of 50% of Licensing Worldwide: 12/2026

Starting Date for C4 Energy Crops Cultivation: 01/2023

Establishment of the First CYCE Licensed Biomass Power Plant: 01/2028

Completion of 90% of Licensing Worldwide: 12/2031

Current Situation of Fossil Fuels, Analysis of Economic and Technological Developments and Planning for the Second 15 Years: 01/2035

We will continuously share the current status and relevant details of the chain projects and other broader plans that support this project through our website and other communication channels



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Organization of C4 Energy Crops Cultivation

According to the chronological order we shared in the Investment Plan section, the second of the chain projects is C4 energy crops. These plants are the most rational type of biofuel, which does not disturb the natural balance due to its features, but on the contrary, can make the world return to climate normals by providing benefit of help from every aspect.

These plants are divided into three according to the carbon dioxide binding during photosynthesis. These are C3, C4 and CAM energy crops. C4 energy crop or C4 carbon sequestration mechanism is one of the biochemical mechanisms that upholds carbon dioxide and forms sugars during the photosynthesis of plants. Compared to other plants, it absorbs more carbon dioxide in the air, releases more oxygen and stores more heat from the sun.

C4 energy crops cultivation is not dependent on fertile farmland. The growth period of these plants is very short, the need for care is very low, and they are more resistant to diseases and drought. For this reason, they are low-cost, high-yield plants and can be grown in second- and third-class agricultural lands with low soil quality. Unproductive lands can be used for agricultural purposes by these means. Since there will be no competition with agricultural lands used for food purposes, life of the living will not be adversely affected. It is possible to support agricultural development by providing employment to agricultural workers during the cultivation of C4 energy crops to be produced as raw materials. Soil and water pollution in the cultivation of C4 energy crops is lower than other plants and less waste is generated.

These plants aid in climatic control. They reduce acid rains and contribute to soil conservation. By using biofuels instead of fossil fuels, greenhouse gas emissions (40-80% less emissions than fossil fuels) and other air pollutant emissions are reduced. Energy crops used as raw materials in biofuel production are not used for human nutrition. Unlike starch and sugar-based biofuels, they don't cause any food problem since its raw material is obtained from non-food plant products.

In short, C4 energy crops provide an alternative to fossil fuels by reducing carbon emissions and are the right choice for the continuation of this project due to their cost-effectiveness.



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Establishment of Biomass Power Plants

The third of the chain projects is building biomass power plants, according to the chronological order we shared in the Investment Plan section. According to the course of the projects, following the licensing and valuation of the power plants within the scope of YES around the world, we have taken the measures for the fuel need that may occur for the biomass power plants with the C4 energy crops cultivation plan.

In biomass power plants, raw materials can be produced using animal wastes, vegetable wastes and all human wastes. Considering global human population, these power plants can offer a solution to climate change with proper waste management. The inability of countries worldwide to be efficiently organized in these matters leads to the release of organic waste equivalent to millions of tons of fossil fuels to nature without being put to good use.

Thanks to its experience gained from the past years, Crypto Carbon Energy continues to prepare its global project, which can also create solutions for the world waste policy in the second half of the total project period, by articulating the drying technology that can be modulated to all kinds of waste to biomass power plants.

Biomass power plants are facilities that produce energy using the engine or turbine operation method by converting waste or biofuels into SYN GAS with advanced technologies.

We plan to build biomass power plants as it is a compact method in terms of implementation and makes this project the most suitable solution for the special electricity needs that may arise in the coming years.

We will provide continuous information on the processes and details of the C4 power generation organization and building biomass power plants projects through our communication channels

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CONCLUSION

The common goal of all of our studies carried out prior to the CYCE project, our ongoing works and plans to be executed over the next 30 years is to leave sociological, economic, technological, and environmental positive effects on a sustainable and permanent basis.

CYCE is a project of which every stage is overly elaborated starting from the soil to the crops, crops to people, people to air. By focusing on the reasons generating the factors that lead to this problem, it aims to create a radical and permanent solution.

The owner of this project is all humanity. That's why it will achieve its goal without facing any obstacles.

Within the scope of C4 energy crops cultivation organization, the most efficient plant to reduce the carbon emissions in the atmosphere will be used. Through this work, our farmers' income will increase and other environmental benefits such as land productivity and oxygen balance will be provided.

In all stages of harvesting, transporting, drying, pressing, and transforming C4 energy crops into biofuels as well as transferring them to biomass power plants, sociological employment will be provided and value-added income will be generated.

By producing carbon-neutral energy with biomass power plants, we will take firm steps towards our main goal.

When individuals invest in CYCE token asset, renewable energy plants will become more valuable. People's investments will increase in value while global warming will be reducing.

Once the funds of countries and companies created in order to fight global warming are transferred to the CYCE project, this value increment will get to a higher level.

As a result of these activities, energy investments will be channeled to renewable energy plants.

Facilities generating energy from fossil fuels will be turned into renewable energy power plants thanks to our recovery operation while preventing economic and capacity losses.

To sum up, at every stage of this project, every person involved within the project will win, our world will begin to heal, and most importantly, the accomplished result will bring benefit to all humanity.

Thank you.

Hasan KARAOZAN

CYCE CEO



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THANK YOU

