tokenomics v1.1

Carbon coin is the native token of CARBON INDUSTRIES ltd, Hong Kong. The token symbol is CRB and is used as a payment tool for the company's international operations.

token name	carbon coin

token symbol	crb

safety audit certifications

coming soon CERTIK   **coming soon** FAIRYPROOF

blockchains

- ethereum
- polygon
- binance sc
- avalanche

supply figures

total supply		
1,000,000,000		

max supply		
1,000,000,000		

- 450,000,000
- 350,000,000
- 150,000,000
- 50,000,000

crb coin ©

CRB

contract information

smart contract information

📄 *0x3608eE427Be41300F0B9A280f7dEa9dDCD92559e*

🌐 **etherscan link**　　　🔵 **polygonscan link**

🌐 **bscscan link**　　　❄️ **snowtrace link**

contract info & functions

token standard	erc-20	**dao voting**	t.b.a. *coming soon*
no. of decimals	18	**claimstucked**	no
source code	solidity	**optimized**	yes
solidity	0.8.19	**SPDX Licence ID**	MIT
crb burning	yes	**cold storage**	yes
crb minting	no	**crb bridging**	t.b.a. *coming soon*
allowances	none	**owner**	n/a

contract deployer address

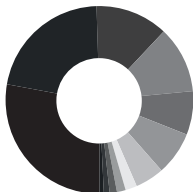🌐 *0xfc4484158B49F46DCa8265d91fF000Dd6a1b690F*

contract ownership information

🌐📄 *ownership renounced on all blockchains*

Renouncing ownership of a smart contract fosters decentralization and trustlessness, enhancing security and community governance while ensuring long-term sustainability. By relinquishing control, developers empower the community, mitigating risks associated with centralized authority and promoting a transparent, resilient ecosystem for users of the crypto token.
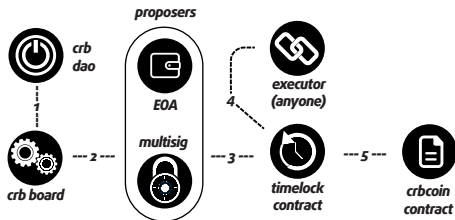
crb coin

Version 1.1, latest update 24-04-2024

crbcoin holder info.

holder distribution and liquidity

27,00%	pre-ico sales
22,50%	team
12,50%	public sales 2
11,50%	public sales 1
7,50%	staking reserve
7,50%	expansion reserve
5,00%	dex liquidity
2,00%	launchpad liquidity
1,50%	bridge liquidity
1,25%	marketing reserve
1,00%	ico listing liquidity
0,75%	circulating conversion

a governance mechanism for sustainable growth

A sophisticated unlocking structure that intertwines smart contracts, governance mechanisms, and community participation to manage the distribution and unlocking of tokens in accordance with predefined rules and protocols. Through the Timelock contract, holders are subject to predetermined vesting schedules, ensuring a gradual and controlled release by a Multisig Proposer working for the board and DAO to oversee and approve unlocking proposals.

token unlocking structure

proposers

crb dao

EOA

executor (anyone)

multisig

--- 2 ---

crb board

--- 3 ---

--- 4 ---

timelock contract

--- 5 ---

crbcoin contract

carbon coin economics

As of April 22, 2024, CRB holders can commit their tokens to fixed staking obligations on a weekly, monthly or yearly basis. In order to incentivize people to start staking commitments, they will be awarded CRB coins for good staking behaviour. If they choose to stake these coins...
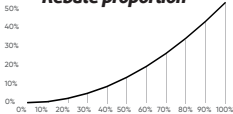
(1)   Up to 50% Rebate to CRB stakers
(2)   Distributed CRB
(3)   Burnt

(1) Staking rewards

The amounts allocated to each activity are a function of Staked CRB as a proportion of total CRB outstanding. The Rebate proportion (R) is a function of Staked (S) CRB where:

$$R = 0.5 \, S^2$$

Rebate proportion

Intuitively a staked token picks up its 'fair share' of revenue through (2) and an additional amount through (3) since burn benefits all token holders and conversely Non-Staked tokens are penalised, which are clearly visible in the pay-off curves depicted below.
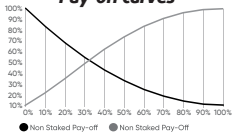
Staked (2) and Burnt (3) crb

Staked Pay-off curve: $S(1-S)$

Non Staked Pay-off curve: $(1-S)^2$

The staked Pay-off curve's complexity is mirrored in the Rebate curve.

Pay-off curves

● Non Staked Pay-off   ● Non Staked Pay-Off

The General Role of Staking

An individual token holder will act in self-interest. That is to say, they will consider the cost of their capital and the returns they are achieving. Rational will consider the capital value of the token, whether they wish to receive more tokens and conversely less or more burn effects. These specific decisions affect the macroeconomic pricing for products through the rebate which, through economic feedback, allows staking to revenue for crbcoin.

carbon coin economics

The allocation of profits for investment and buybacks/burns, coupled with the success of the underlying projects, creates a self-reinforcing cycle that drives the gradual appreciation of the token's value. This value increase attracts more market participation and investment, fueling further growth and establishing a solid foundation for long-term value creation within the token ecosystem.

In this model, 50% of the profits generated by the project will be allocated for investment purposes, while the remaining 50% will be used to purchase tokens at market value. This approach serves to both fuel the growth and development of the project through investments and create demand for the token by utilizing profits to buy back tokens from the market. The amount allocated for investment (I) and Token Buybacks (B) based on project performance metrics such as return on investment (ROI) and profit margin (PM). Z represents a function that determines the fraction of profits allocated for investment. The amounts allocated for investment (I) and token buybacks (B) become:

$$B=(1-Z(ROI,PM))\times P$$

As the project succeeds and generates more profits, the continuous investment of these profits will contribute to its expansion and scalability, thereby increasing its overall value proposition. Simultaneously, the consistent purchase of tokens at market value will create upward pressure on the token price, as the demand for the token exceeds its available supply. This gradual increase in price incentivizes investors and holders, attracting more interest and investment into the token ecosystem. As the token's value increases, it stimulates further purchasing activity in the market from both existing holders and new investors seeking to capitalize on its growth potential. This additional buying pressure amplifies the price increase, creating a positive feedback loop that reinforces the token's upward trajectory. To calculate the value of Carbon Coin (V_cc): the formula to incorporate macroeconomic factors such as inflation (INF) and interest rates (INT), as well as external shocks (Extq), Market sentiment (S) and a scaling factor representing the overall impact of the project's profit and investment represented by (k). Then, the value of the carbon coin (V_cc) becomes:

$$Vcc = k \times (P+I) + Vt \times S + extq - INF \times INT$$

The projects supported by the token ecosystem provide a stable economic value by generating real-world utility and revenue streams. These projects serve as the foundation for the token's value proposition, anchoring its intrinsic worth to tangible assets and activities. Consequently, as the projects flourish and contribute positively to their respective industries, they enhance the overall credibility and sustainability of the token, further bolstering its value over time.

These formulae account for many of the possible sources of uncertainty, dynamic allocation strategies, market liquidity, and macroeconomic influences, providing a comprehensive framework for analyzing the value dynamics of the carbon coin in a sophisticated and nuanced manner. They also capture the interplay between project profitability, investment strategies, market dynamics, and macroeconomic conditions, providing a holistic framework for understanding the value dynamics of the carbon coin.

crbcoin application

Crbcoin operates within the CRB ecosystem as a decentralized international payment token, facilitating transactions for users without the need for intermediaries like banks. Users can acquire crbcoin through various means, such as purchasing from exchanges or earning them as rewards for participating in carbon reduction activities. Transactions conducted with crbcoin benefit from the efficiency and security of blockchain technology. Payments are processed swiftly, typically within seconds or minutes, due to the decentralized nature of the network. This expedited processing time contrasts with the often lengthy verification processes associated with traditional payment methods.

The use of crbcoin also offers cost savings for users, as transactions incur lower fees compared to those involving intermediaries. This frictionless system promotes economic activity by reducing the financial barriers typically associated with traditional financial transactions. Crbcoin serves as a versatile tool within the CRB ecosystem, seamlessly integrating into various applications and platforms. Users can utilize crbcoin for a wide range of purposes, from purchasing goods and services to participating in carbon offsetting initiatives.

Peer to peer payment system

P2P (peer-to-peer) CRB payments work by allowing individuals to send and receive crbcoin-currency directly to and from each other without the need for intermediaries such as banks or payment processors.

Here's how it works:

1. The sender initiates a payment by creating a transaction in their cryptowallet or exchange account. The transaction includes the recipient's crypto wallet address and the amount they wish to send.
2. The transaction is then broadcast to the network of computers that maintain the crypto-currency blockchain. These computers validate the transaction to ensure that the sender has sufficient funds to make the payment.
3. Once the transaction is validated, it is added to the blockchain ledger, a publicly visible and immutable record of all cryptocurrency transactions.
4. The recipient's crypto wallet software detects the incoming transaction and adds the funds to their account.
5. The transaction is completed, and the recipient now has access to the funds sent by the sender.

One of the major advantages of P2P crbcoin payments is that they are typically faster and cheaper than traditional payment methods, such as wire transfers or credit cards. Additionally, they offer more privacy and security since cryptocurrencies are difficult to counterfeit or manipulate, and do not require sensitive personal information to be shared between parties.

crbcoin application

staking for yields

Investing in carbon projects through Carbon Coin staking presents a compelling avenue for users to both contribute to environmental sustainability and generate returns on their investments. This process involves holding digital currencies within a blockchain network or on a centralized exchange, participating in a Proof of Stake (PoS) mechanism reminiscent of earning interest on a traditional savings account.

The staking process is a dynamic interaction among three key players: stakers, validators, and the underlying blockchain network. Stakers, often referred to as users, commit a certain amount of digital tokens to the network, thereby actively engaging in securing the network and validating transactions. Validators, on the other hand, play a crucial role in the verification of transactions and fortifying the network's integrity through their computational resources and technological infrastructure. Meanwhile, the blockchain network serves as the foundational protocol governing and enforcing the rules of the staking process, ensuring its efficacy and reliability.

Users are incentivized to participate in staking through the prospect of earning rewards in the form of newly minted digital tokens issued by the network. The magnitude of these rewards is contingent upon several factors, including the quantity of tokens staked, the duration of the staking period, and the number of validators actively supporting the network. Importantly, these rewards are not static; they can be augmented through the strategic reinvestment of earned tokens back into the network, thereby compounding the potential for growth and returns. Additionally, users have the option to trade these rewards with other cryptocurrencies, adding another dimension of flexibility and liquidity to their investment strategy.

carbon dao participation

coming soon

Carbon Industries' pioneering move in establishing a Decentralized Autonomous Organization (DAO) has transformed the landscape of decision-making within the company. By leveraging decentralized voting systems and smart contracts embedded in blockchain technology, crb dao operates on principles of transparency, trustlessness, and immutability.

Within the CRB DAO, token holders emerge as the primary decision-makers, wielding significant influence over the direction and policies of the organization. Through a democratic process, token holders exercise their voting rights to approve or reject proposals submitted by fellow members, thereby shaping the trajectory of the DAO's operations. The entire governance process is conducted openly and transparently, with all voting activities meticulously recorded on the blockchain, ensuring accountability and integrity.

To participate in the voting process of the CRB DAO, individuals first need to acquire crbcoin tokens, which can be obtained from either centralized exchanges or decentralized exchanges (DEXs).
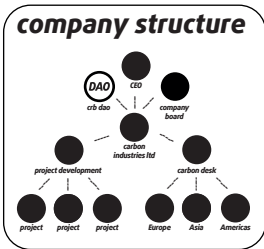
crb dao governance

The crb community governs itself via the crbdao, the decentralized governance framework that supports the CRB Ecosystem. The DAO follows a proposal process to vote on how the Ecosystem will be organised by Carbon Industries ltd to promote a diverse and self-sustaining eco-system. The crb dao acts as the decision maker of carbon industries and its dubsidiaries, therefore all big changes within the company need to have a consensus of the community. The board supports the execution and the CEO carries the end responsibility over the execution of the DAO's decisions.

To participate in submitting ideas, providing commentary, proposing initiatives, and voting, users must hold crbcoin. However, membership in the DAO is limited exclusively to those who hold crbcoin. Holding crbcoin is the sole requirement for being a member of the DAO. The crbcoin website functions as the central hub for all of the group operations,   providing a user-friendly platform that educates members about the governance process. Conveniently, it also grants easy access to the channels required to enhance the DAO's functionality and streamline its operation.

When submitting a proposal idea, the first step is to use the snapshot platform. A moderator needs to confirm that the proposal complies with approved guidelines before community members can access it. Crbcoin holders who wish to submit their ideas or provide feedback on existing proposals must undergo a wallet authentication process. Once proposals have gone through the approval stage, Snapshot will serve as the voting platform. All eligible crbcoin holders will then be able to use Snapshot to cast their vote. However, they must first undergo the wallet authentication process to gain access to this platform.

- Abstract - Two or three sentences that summarize the proposal.
- Motivation - A statement on why the CRB community should implement the proposal.
- Rationale - An explanation of how the proposal aligns with the CRB community's mission and guiding values.
- Key Terms - Definitions of any terms within the proposal that are unique to the proposal, new to the CRB community, and/or industry specific.
- Specifications - A detailed breakdown of the platforms and technologies that will be used.
- Steps to Implement - The steps to implement the proposal, including associated costs, manpower, and other resources for each step.

company structure

DAO
CEO
crb dao
company board
carbon industries ltd
project development
carbon desk
project
project
project
Europe
Asia
Americas

⚡ snapshot link