

tokenomics v1.2

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



450,000,000



350,000,000

max supply

1,000,000,000



150,000,000




50,000,000

©
crb coin



contract information

smart contract information

 `0x3608eE427Be41300F0B9A280f7dEa9dDCD92559e`



[etherscan link](#)



[polygonscan link](#)



[bscscan link](#)



[snowtrace link](#)

contract info & functions

token standard	erc-20	allowances	none
no. of decimals	18	claimstucked	no
solidity version	0.8.19	optimized	yes
crb burning	yes	SPDX Licence ID	MIT
crb minting	no	cold storage	yes

contract deployer address



`0xfc4484158B49F46DCa8265d91fF000Dd6a1b690F`

contract ownership information

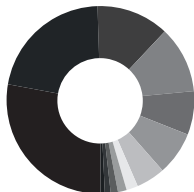


ownership renounced on all blockchains

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.

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

vesting mechanism pre-ico, team wallets

Outlined below is a structured plan for the gradual release of tokens from team wallets and pre-sold allocations, ensuring controlled distribution over time:

Commencing from July 1st, tokens will be defrosted at a rate of 0.25% per week, resulting in a total defrosting of 3% by October 1st.

Subsequently, starting from October 1st, the defrosting rate will increase to 0.5% per week, culminating in a cumulative defrosting of 6% by January 1st.

From January 1st onwards, the defrosting rate will further escalate to 1.0% per week, leading to a cumulative defrosting of 52% by the conclusion of the defrosting period.

Additionally, commencing from January 1st, tokens will be defrosted at an accelerated rate of 2.0% per week, resulting in a cumulative defrosting of 104% by the end of the defrosting period.

To complete the total distribution, an additional 19.5 weeks from January 2026 will be allocated to distribute 39% of the initial total, thereby achieving the full defrosting of 100%.

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...

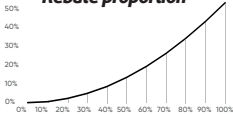
- (1) Up to 50% Rebate to CRB stakers
- (2) Distributed CRB
- (3) Burnt

(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



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.

crbcoin application

carbon industry ecosystem payment token

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.

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 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:

$$V_{cc} = k \times (P+I) + V_t \times S + extq - INF \times INT$$

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.