

C

NEW CONCEPTIVE TOKEN ABOUT ENVIRONMENTAL PROTECTION

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C token is based on HECO. In this paper, we firstly introduce the conception of C token. Then we describe high level functionality provided by the smart contract dividend and shrink rules.

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1 Introduction

C token is developed by the international r&d team of the top called Fintech and blockchain enthusiasts. It is a kind of token with the nature of community autonomy. After the completion of the creation airdrop, the project owner destroyed the private key of C token.

It is a green ecosystem based on HECO, aiming at simplifying the participation conditions through liquid mining and finally realizing nationwide mining. Carbon index is one of the main conceptions of C token. How to realize the economic value of green ecology by C token is the pursuit of C token enthusiasts. The C community is now completely autonomous, and spontaneously establishes a foundation for ecological construction in the nearly future.

C token has a unique incentive and deflation mechanism as well as the characteristics of liquid trading and mining. Specifically speaking, the holders of C token will get bonus in each transaction owing to the locked blockchain smart contract which cannot be tampered with, to ensure that every holder can get fair income. It is a truly decentralized and the bonus of each transaction will be

automatically transferred to the holders in real time. The larger amount of C token you hold, the larger amount of bonus you will get. The greater the interest dividend and the longer it is stored, the greater the cumulative dividend. Just as people deposit their fiat coins in a bank to earn interest. That is to say, interest can be generated regardless of long-term holding, exchanging or circulation of C token. This design is particularly conducive to the asset allocation of individuals and families, which can effectively resist the reduction of wealth caused by inflation and realize the steady appreciation of your assets.

You can get the latest news from the official website. It is

<http://www.c-token.info/>

2 C Community

In May of 2021, C community was established. The community's environmental protection projects involve climate and energy, which are committed to mitigating climate change caused by burning fossil fuels such as coal, oil and natural gas. Their pollution control projects that are committed to eliminating toxic pollutants and protecting forest. The community has an important mission, that is to protect the environment and realize sustainable development for green earth. In terms of scientific research and technological inventions, solutions conducive to environmental protection should be carried out. The tenet of C community is to promote a greener, peaceful and sustainable future.

3 The Birth of C Token

As more and more institutions and financial Titans pay closer attention to carbon neutrality, they are in sore need of carbon credits to offset their carbon emissions. Given that carbon credits trading is becoming more and more standardized as well as related financial products, a distributed ledger tool based on

blockchain technologies has been developed on this basis. In another word, why not release a kind of token to accomplish it?

One of the reasons behind the sixfold rise in the price of Bitcoin over the past years is private scepticism about the credit monetary system dominated by central banks. In particular, the Federal Reserve launched the 'unlimited easing' policy last year, which led to the flood of global liquidity and the broad rise of all assets prices, reflecting the public's concern about US dollars and the global credit monetary system.

Carbon neutrality has become a hot topic because more and more countries signed to the Paris Agreement including China that announced plans to combat climate change last year. Most countries have pledged to hit carbon neutrality by around 2050. China, the world's largest emitter of greenhouse gas, has also pledged to meet that target by 2060. Early this year, Joe Biden proposed a 'Green New Deal' after taking office and the United States returned to the Paris Agreement , making energy conservation and carbon reduction a global trend.

As we know, one of the main drawbacks of Bitcoin is that the

mining process is very energy-intensive. It is estimated that each year Bitcoin mining consumes the electricity as of Chile and produces carbon dioxide emissions as of New Zealand. In the context of a global effort to hit carbon neutrality, this may seem out of place.

In order to promote global carbon neutrality as soon as possible, restrain carbon emissions of enterprises and encourage various institutions to actively develop technologies such as energy saving, carbon reduction and carbon capture, Europe, the United States and China have launched carbon emission quota or certified emission reduction certificate and other tradable "carbon credit" products. The EU Emissions Trading System is by far the most mature, accounting for 80% of the world's trading. Related financial derivatives are also increasingly popular with investors. Futures prices for EU carbon credits, for example, have nearly doubled in the past year. There are many similar carbon trading platforms around the world. Although the overall trading volume is limited, the products are becoming increasingly standardized and there is huge room for future growth.

4 The Advantages of C Token

In short, besides environmental protection, C token have another two major advantages:

1. The potential supply of C token is between Bitcoin and credit currency, making them more suitable as a currency. The potential supply of credit money is limitless, which raises public concerns about inflation and currency devaluation and was the main reason for Bitcoin's emergence in 2008. The potential supply of bitcoin is absolutely limited, but it is prone to deflation as economists know from the practice of the gold standard. Therefore, Bitcoin is not suitable as a currency. The annual supply of C token will depend on the amount of carbon emissions that humans reduce each year, and the amount of C token issued will be capped at that. With the advances of technology, the total amount of carbon reduction each year will continue to increase, which means that the supply of C token is neither absolutely limited nor handed out arbitrarily. Its circulation depends on people's ability to reduce carbon emissions because carbon emissions reduction requires input of human resources material resources and financial resources, which can improve welfare and create value. C token has more

social significance than the simple Proof of Work (PoW) of Bitcoin and more discipline and binding force than credit currency. Therefore, C token can not only prevent inflation and maintain the stability of currency value but also avoid deflation and promote economic development.

2. In terms of distribution mode and the control of credit currency in central banks, the currency is the civil main body distribution all over the world through a competitive algorithm/work force ('dig') and is not controlled by the central bank, which also makes it difficult for central banks to regulate the money supply and the fluctuations in economic cycle through monetary policy.

The issuance of C token is somewhere between Bitcoin and credit currencies. On the one hand, it can only be effective after verification because carbon emissions reduction needs to be verified and certificated by official or unofficial professional certification bodies around the world. Therefore, the issuance of C token is distributed and completed jointly by civil and official subjects. On the other hand, forests are national assets in most countries because they are an important source for reducing carbon emissions. So if countries hand over to the central bank the carbon sink produced by state-owned forests, the central bank

has a carbon sink reserve (similar to its gold or foreign exchange reserves). The central bank can use the carbon sink reserve as a monetary policy adjustment tool, using it to buy government bonds and issue C token as needed, or selling government bonds to repurchase C token.

5 Why Chose HECO?

Huobi Eco Chain(HECO) is a decentralized, efficient and energy-saving public chain. It is also the first product launched by Huobi open platform. On the basis of supporting high-performance transactions, it realizes the compatibility of smart contracts.

HECO is the public chain infrastructure of Huobi open platform, which has become the basic platform carrying users, assets and applications in the future. Based on Huobi Group's technical resources, flow resources and ecological resources, Huobi open platform is a unified infrastructure platform that has been comprehensively opened to the blockchain industry in succession. This shows that HECO's mission is not only a public chain but also the birthplace of innovative technologies and businesses.

As a public chain, the advantages of public chain are as follows:

1. Public chain can protect users' rights and interests from the

influence of program developers. If developers develop an application on the public chain, then they have no right to interfere with users.

2. The public chain has a certain network effect because it is completely open and outside users need to use it.

3. Outside users can get access to the public chain of low threshold. It can be accessed by anyone with sufficient technical competence or with a computer connected to the Internet.

4. Outside users on the public chain can generate security through their publicness and each user can participate in transactions. Therefore, the Huobi ecological chain, as a public chain, also has these advantages. Furthermore, HECO supports the programmability of EVM, which can only be contractually compatible, reducing open or migration costs. It also has the function of meta-transaction and commission fee reduction, which further reduces the on-chain costs for developers and users. At the same time, cross-chain asset transportation can be carried out to optimize its experience of assets.

6 Principles

6.1 Decentralization

The liquidity pool is permanently locked, and the ownership of the smart contract is transferred to the black hole address on the date of issuing.

6.2 Shrink rules

Each transfer transaction on the chain will be taxed by 10%, of which 3% will be put into the black hole in real time and destroyed automatically.

6.3 Smart contract dividend

3% of each transaction in the chain is allocated to all holders. Each transaction on the chain will add 4% tax deduction to the Mdex fund pool to provide liquidity.

7 The Future Applications

For enterprises:

Carbon footprint calculation is aimed at all possible sources of greenhouse gases produced by enterprises. Emission source inventory and data collection are carried out to verdict the sources of greenhouse gases emitted by enterprises and quantify the data information collected. It is the first step towards carbon management. We use C token to reward those enterprises that actively participate in the carbon footprint system. The C community is committed to establishing a free carbon emission verification organization(CEVO), to help enterprises achieve zero cost in detection of carbon emissions.

Through the search of corporate carbon emission sources, we can know the carbon emission source and quantity of an enterprise in detail, and formulate a series of effective measures accordingly, so as to reduce carbon emissions caused by its production and operation.

Enterprises are encouraged to offset their carbon emissions by purchasing carbon credits such as C token. The basic principle is voluntary, that is, trade neutralization works out between the seller (emission reduction agent) and trading agency (intermediary).

Using C token to trade will have lower cost so that enterprises will be more active in the carbon trading market.

For individuals:

Start saving energy and reducing emissions from the small things around you. Start with the individual, for example. Bring your own lunch box and handbag. Say no to disposable items. Turn off the lights. Make saving electricity a habit. Use public transportation. Go on a real green trip. These are all what we can do to reduce carbon emissions.

The C community encourages you to be an active participant in reducing your carbon footprint. If you do something to help reduce your carbon footprint, tell the C foundation about your behaviors and you will be rewarded.

Transportation accounts for a large share of carbon emissions. C community advocates green travel and will cooperate with hardware suppliers in the future. For example, each step you accumulate can be exchanged for C token, which will be free of charge.

However, we need to tell you clearly that C token itself is a kind of commodity and cannot be used as currency. It will represent your contribution to environmental protection.