CarboEx

Transforming carbon credits trading through blockchain technology

Vision

Our vision at CarboEx is to build a sustainable future by making businesses and governments accountable for their carbon footprint.

Our ultimate goal is to achieve net-zero emissions, where our platform plays a key role in reducing the carbon footprint of society. We strive to be a leader in the carbon credit trading industry, promoting social responsibility and sustainability to drive a positive impact on the planet for future generations.

Mission

At CarboEx, our mission is to provide a secure and transparent carbon credit trading platform for buyers and sellers, underpinned by blockchain technology and Renewable Energy (RE) certificates verified by our Decentralized Autonomous Organization (DAO).

Our platform uses our own tokens, which are generated and used for carbon credit trading, to increase efficiency and accessibility while reducing costs.

Problem

Carbon emissions are contributing to climate change and global warming

There is a lack of accessible and affordable solutions to reduce carbon emissions for businesses and individuals

Carbon offset programs can be confusing and difficult to navigate

The current carbon trading market is fragmented, inefficient, and opaque.

The lack of transparency and verification mechanisms leads to instances of fraud and misreporting

Traditional carbon trading platforms are not user-friendly and accessible for small to medium-sized enterprises (SMEs)

Solution

CarboEx offers an easy-to-use online platform for businesses and individuals to offset their carbon emissions

Our platform provides a transparent and user-friendly way to calculate and offset carbon emissions

We offer a variety of carbon offset projects to choose from, including renewable energy, reforestation, and energy efficiency

We leverage blockchain technology to provide immutable and tamper-proof verification of carbon credits

Our platform includes a mobile application that makes carbon trading accessible and convenient for everyone

The Need Of The Hour!

Increasing awareness and concern about climate change among individuals and organisations.

The rise of ESG investing and sustainability commitment has created a growing market for carbon credits.

The world is facing an urgent need to reduce carbon emissions and combat climate change.

The traditional carbon trading market is complex and not easily accessible for SMEs and individuals.

Global energy-related CO2 emissions grew by 0.9% or 321 Mt in 2022, reaching a new high of over 36.8 Gt

Market Potential

According to a report by MarketsandMarkets, the global activated carbon market is expected to grow from USD 4.7 billion in 2020 to USD 6.0 billion by 2025, at a CAGR of 5.1% during the forecast period

Who Can Use Carboex

Organizations, Regulatory bodies, and NGOs who maintain, manage and monitor Carbon emissions can use CarboEx.

If you're into green, clean energy and a sustainable environment, you can participate too!
As an individual or as a member you can use CarboEx to buy, sell and trade CarboEx tokens.

Product Differentiators

Blockchain technology for transparency: Blockchain is leveraged on for tamper-proof and transparent carbon credit transactions.

Decentralised Marketplace: A Decentralised platform for trading carbon credits that increases transparency, eliminates intermediaries, and reduces costs.

Renewable Energy certificates: Authenticates R.E certificates uploaded by organisations, enabling conversion into carbon credits using the platform tokens.

Automated Transactions: Automated carbon credit exchange through smart contracts that cuts out intermediaries and reduces costs, making it more accessible and affordable for all organisations.

Incentives for sustainability: Incentivization of sustainable practices by rewarding organisations that offset more carbon emissions than required, promoting sustainable development.

Smart Contracts

Company Contract

Registration of the company will be done here where company can issue for their credits. With this given credits, the company can sell and buy credits.

Token Contract

Creates the own token for the CarboEx platform

Dao Contract

Request to become dao member. The members creates the proposal for offset or emission certificate and dao members can vote based on the proposed certificates and get the result of the voting. Based on this result of voting, if the certificate is approved CarboEx will provide carbon credits to the company

Future Plans

In the next version, we want to generate RE certificates on the platform to provide end-to-end solution for carbon credit trading

The DAO will have expert members that can provide consultation to help organizations offset emissions instead of buying carbon credits

Incentivizing organizations that are moving beyond compliance and making voluntary carbon reductions