Zero Carbon Blockchain

- IoT Sensor Network
- Environmental Data
- CO₂ Monitoring
- Cryptocurrency
- Miner Devices

Pre Sale #1

Document v0.01





Problem #1

Cryptocurrencies rely on a process called mining that requires a lot of computing power and energy. Bitcoin, for example, is estimated to <u>consume more energy than</u> <u>some countries</u>. Critics argue that the energy consumption is not justified by the benefits of cryptocurrencies and contributes to <u>climate change</u>.

Energy Cost

The average energy consumption of a single cryptocurrency transaction can vary widely depending on the specific cryptocurrency and the type of transaction. For example, Bitcoin transactions are estimated to consume an average of 1719 kWh of energy, which is equivalent to the energy consumption of an average American household for 59 days.

Energy Cost

Ripple 0.0000079 kWh

> **Ethereum** 0.0079 kWh





Problem #2

Manipulation of environmental and CO₂ emission data in politics involves misrepresenting or distorting data to support a political agenda or downplay environmental impact. Examples include the "Climategate" controversy and the "Dieselgate" scandal. It is important for policymakers, scientists, and the public to demand transparency and accountability in the collection and use of environmental data.

Data Transparency

- 1. Accountability The public can use the data to monitor and track emissions from different sources and to identify those who are not meeting their emission reduction targets.
- 2. Collaboration By providing a shared and trusted source of information, the data can help to bring together governments, businesses, and individuals to work towards common goals and targets.
- 3. Incentivization By providing clear and measurable targets, the data can motivate individuals and organizations to take action to reduce their emissions and to strive for greater efficiency and sustainability.
- 4. Innovation Stimulate innovation and the development of new low-carbon technologies and solutions. By providing a clear understanding of the scale and impact of emissions, the data can help to identify areas where innovation is most needed and to support the development of new solutions.

Data Transparency

Blockchain technology can be used to store and manage global <u>CO₂ emission data</u>. This has several advantages including transparency, decentralization, efficiency, incentivization, and collaboration. By creating a shared, transparent, and decentralized platform for storing emissions data, blockchain can help to foster greater collaboration and cooperation between governments, organizations, and individuals in the fight <u>against climate change</u>.



SUNX is a sustainable and efficient solution to address the urgent issue of climate change. By using solarpowered miners, SUNX zeroes the carbon footprint of the blockchain computational power needs.



About

SUNX Blockchain is designed to store CO₂ emissions and environmental data in a transparent and immutable manner, providing a trusted and auditable record of global emissions.

Data stored on SUNX blockchain can be used to incentivize individuals and organizations to reduce their carbon footprint, by rewarding them for their efforts.

About

Moreover, by leveraging the efficiency and transparency of blockchain technology, the data can be easily shared and collaborated on by governments, organizations, and individuals, fostering greater cooperation and accountability in the fight against climate change.

CO₂ Monitoring Real-time Environmental Data Solar Powered Blockchain

Two Layered Solution

Improve Collaborations & Green Investment Platform

Decrease **Environmental** Impact of Blockchain's Computational needs Transparent Data Services Monitoring **CO**₂

Profitable Cryptocurrency Módel

Reward to Miners / Investors

Increase innovation for clean energy and blockchain

Key Features

Proof of Expose

By using a miner device solar panel as a sensor, SUNX Blockchain can monitor exposure time under the sun and validate that the miner is powered by solar energy. SUNX A.I. idealize the solar panel data to verify solar exposure.

eBlock

SUNX Blockchain block creation algorithm is designed to store and secure miners' sensor data. This provides a new aspect of how we integrate information with the real world. By this means, environmental data is stored unlimited and verified database.

Offline Mining

If the transaction owner wishes, he/she can transfer money without a network fee. In this type of transaction, the owner of the transaction consents to the execution of the transaction after a certain period of time and receives a share in the distributed block reward to the miners as interest on the price he keeps in the network.

eCoverage

The environmental sensor data stored by eBlocks is signed according to their location, and the accuracy is increased by the confirmation of each other by the miner devices in close proximity to each other. if the miner devices increase the coverage, the more extensive the data is obtained.

Solar Powered IoT Network

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SUNX Miners SXR

TYPE R - Small Panel TYPE XL - Large Panel

Ix Mine Performance Secures Transactions and Blocks

SUNX Miners SXS

TYPE R - Small Panel TYPE XL - Large Panel 3x Mine Performance Environmental Data Air Quality, Temperature, Humidity, CO₂ Sensor

SUNX COIN

Coin Metrics

Estimation of Total Supply by Years

1.913.184.000~X3.831.624.000~by 2030by 2040

5.224.464.000~ by 2050

X

Collecting Realtime Environment Data

Data Services Researches Collaborations Solar Investments

WORLD's Enviromental Data Coverage

Economy

Miner Owner

Income Scenario

Roadmap

Phase #1

August 2023

Public Sale Early Device Distribution

Testnet SUNX Blockchain v0

Phase #2

September 2024

SUNX Solar Server Farm

Deploying SUNX Blockchain v2

Phase #3

December 2025

Decentralized Solar Power Plants

SUNX Blockchain v3 Increased Decentralization

Environmental Impact

Let's Save World's Energy

Solar energy generates electricity without emitting greenhouse gases - zero GHG while doing that reduces land and water usage and does not produce harmful air and water pollutants.

of World's Total Production.

BITCOIN Uses

Emissions need to be reduced by

To keep global warming less than 1.5°C

134 countries

65%

generate most of their electricity from fossil fuels

ELECTRICAL ENERGY CONSUMPTION 90.93 TW/h AS PHILIPPINES

476.46 kg CO^2 is produced by Single BTC Transaction

Protect **Environment**

The potential benefits of moving even a small percentage of cryptocurrency project's energy usage to green sources are clear. By generating just 10% of the industry's energy from renewable sources, we could potentially offset a significant amount of carbon emissions and help to protect our planet's forests.

Improved Public Perception

The potential benefits of moving even a small percentage of cryptocurrency project's energy usage to green sources are clear. By generating just 10% of the industry's energy from renewable sources, we could potentially offset a significant amount of carbon emissions and help to protect our planet's forests.

Many companies have set sustainability targets, like reducing carbon emissions. By shifting 10% of blockchain energy use to green sources, the cryptocurrency industry can help meet these targets and show commitment to sustainability.

Encouraging Investment

The potential benefits of moving even a small percentage of cryptocurrency project's energy usage to green sources are clear. By generating just 10% of the industry's energy from renewable sources, we could potentially offset a significant amount of carbon emissions and help to protect our planet's forests.

Social Impact

Positive **Social Impact**

Equatorial countries like Ecuador, Colombia, and Kenya receive high solar radiation, but receive less solar investment compared to countries further from the equator.

26MW

Ecuador Solar Capacity

70MW

Colombia Solar Capacity

According to the IEA 2020

339MW

Kenya Solar Capacity

251GW

China Solar Capacity

Financial Inclusion

Cryptocurrencies provide financial inclusion to people without access to traditional banking systems in low-income countries. Many lack bank accounts, which can hinder participation in economic activity or accessing financial services like loans or insurance.

Empowerment and Control

Cryptocurrencies allow individuals in low-income countries to avoid corrupt or inefficient financial systems. By holding their own wallets, they have control over their funds and can transact directly with others.

In low-income countries, solar power may not be financially incentivized or supported by the government. In the absence of favorable policies like tax credits or feed-in tariffs, solar projects may struggle to compete with fossil fuels and other sources of energy.

Job Creation and Economic Growth

The adoption of cryptocurrencies in low-income countries can create jobs in mining, development, and consulting. It can also stimulate economic growth by enabling easier transactions, leading to new trade opportunities and job creation.

F.A.Q

What is the private sale?

Private sale refers to the period in which the initial investment advantages are shared and a certain number of devices and assets are sold to a private group through private negotiations before the project is shared with the public.

How can I join?

By purchasing SUNX miner devices, you can enter the private sáles list.

When will the device be distributed?

According to the roadmap, devices will be primarily distributed to people on the private sales list after July.

Who manufactures the devices?

ONO Software LLC

Do the devices have a warranty?

The device is guaranteed for 3 years.

What blockchain does SUNX run on?

SUNX uses its own blockchain software.

When will SUNX be listed on exchanges?

Following the private and public sales, partnerships with major exchanges will be established using the SUNX community formed. It will be clarified as soon as possible after July.

Where can I sell my SUNX in the market?

Once SUNX is listed on exchanges, you can sell it through exchanges. Also, when SUNX.City and SUNX.earth are activated, and you will be able to use them for the services offered there.

What is the expected return on investment of the devices?

It totally depends on market conditions. However, the design of the SUNX ecosystem is designed to reduce inflation to protect the SUNX miners.

How can I run the miner?

You can set the miner devices to a location where they will receive sufficient sunlight and install them via a mobile phone. When it gets enough sun, no other care is needed.

Does mining continue at night?

No, cannot. SUNX miners work directly and only with solar energy.

I don't see any promotion of the project, when will social media and promotion's start?

All promotional activities will start with public sales starting in September.

When will the SUNX Blockchain go live?

The first version of the blockchain software is currently in the developer testing phase, and according to the roadmap, it will start its first public tests in May-September.