

Zero Citizen Whitepaper

V7.1



ZERO CITIZEN
REWARDS FOR A NET ZERO FUTURE



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Overview

Zero Citizen is a cryptocurrency ecosystem being developed to support the net zero initiative. Building on the Cardano blockchain, Zero Citizen will bridge the gap between cryptocurrency and the real world by providing the tools and incentives for businesses and citizens to support the net zero initiative.

Currently, the world is not on track to meet the climate change target set in the Paris Agreement in 2015. There is also a lack of economical incentivisation and drive to push towards a net zero future, which is where we intend to fill the gap by rewarding the end-users of zero-carbon products and services that contribute towards cutting emissions and combatting climate change.

Watch our **Introducing Zero Citizen** video here:

<https://youtu.be/EJrSpoHdZ4Y>

Disclaimer

Please note, the plans laid out in this whitepaper are subject to change and nothing should be interpreted as a guarantee by Zero Citizen, or any individual associated to the organisation, and the information provided should not be used to inform any financial or investment decisions.

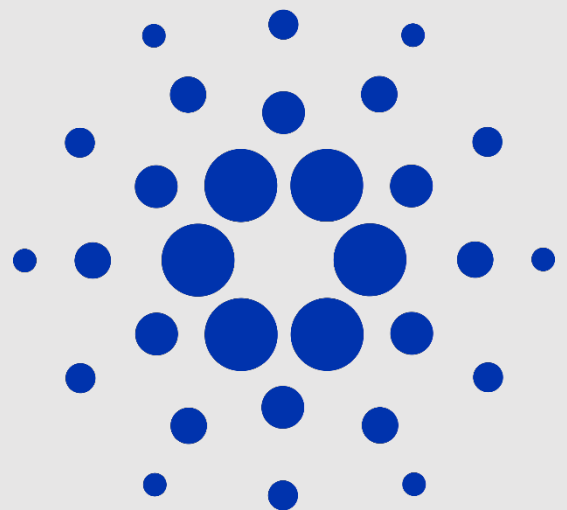


Cardano Blockchain

All Zero Citizen tokens and NFTs will be minted on the Cardano blockchain, one of the leading cryptocurrency blockchains. Cardano utilises the Proof-of-Stake (PoS) model, which significantly reduces the environmental impact of “mining” Cardano’s official blockchain coin, \$ADA, estimated to use ~99.95% less energy than the typical Proof-of-Work mining models currently used for Bitcoin and Ethereum.

Among the top reasons for using the Cardano blockchain (other than its utilisation of PoS) is that it has one of the cheapest gas fees and quickest transaction speeds compared to other blockchains. Cardano has its own native token feature, as well as being able to utilise smart contracts. Most importantly, the blockchain is secure, stable, and scalable.

To ensure that the Zero Citizen ecosystem can operate at its maximum efficiency, we had to ensure that we would be building on solid foundations. The peer-reviewed research and assurance provided with every element of work carried out by Input Output Group has meant that there has so far been no down-time and there have been no successful attacks against the Cardano Blockchain. After thorough research, no other blockchain achieved all the necessary prerequisites to be deemed a suitable candidate for Zero Citizen to build on.



Roadmap – Q3 2022-Q2 2023

Q3 2022

- Begin exploring options for our Net Zero Reward Systems ✓
- Launch Socials ✓
- Develop Partnerships & Collaborations ✓

Q1 2023

- Mint \$OCZN Tokens + Initial Token Offering (ITO)
- Round 2 Token Offering
- \$OCZN Token Public Sale
- \$OCZN Airdrop #1
- Launch Carbon Emissions Calculator

Q4 2022

- Mint Zero Citizen NFTs
- Begin reforestation via veritree
- Launch Green Investment Portfolio

Q2 2023

- Begin Net Zero Reward Systems
- Stake Pool Launch
- \$OCZN Airdrop #2



Q4 2022 – Zero Citizen NFT Launch

Non-Fungible Tokens (NFTs)

Zero Citizen will launch a collection of 5,555 NFTs to precede the minting of \$0CZN tokens, which will help form the initial community. The Zero Citizen NFTs will be utility-based, including exclusive access to our token sales, voting rights, reward enhancements and quarterly token airdrops to name just a few features planned.

A large portion of funds raised through our NFT sales will be allocated towards our Carbon Balance Service, which funds our carbon sequestration, Net Zero Reward System, as well as being a source of investment for our very own Green Investment Portfolio.



For a full breakdown of the planned utility of our NFTs, check out our [Zero Citizen NFT Planned Utility-v2.1](#) doc.



Q1 2023 – \$0CZN Token Launch

Utility

\$0CZN tokens will be minted in Q1 2023 and will be the primary means to reward the end users of our partners' zero-carbon products and services, as part of our Net Zero Reward System. In addition to this, our tokens will be utilised to offer cashback for NFT holders that balance their carbon footprint with us.

We will also endeavour to provide as many use cases for \$0CZN tokens as possible, with one of the earliest utilities being able to use the tokens to pay for Zero Citizen's Carbon Balance Service. We're also aiming to launch an online store towards the end of 2023, whereby we'll look to offer zero-carbon products/services. In addition to this, it's also our aim to work with our Net Zero Reward System partners to use \$0CZN tokens for at least part-payment for their products and services.

Token Value

We intend to support the value of \$0CZN tokens by initially funding the token liquidity pool from NFT-derived funds. With the funds generated from our Carbon Balance Service, we'll also be able to add liquidity to the tokens to fund the Net Zero Reward System.

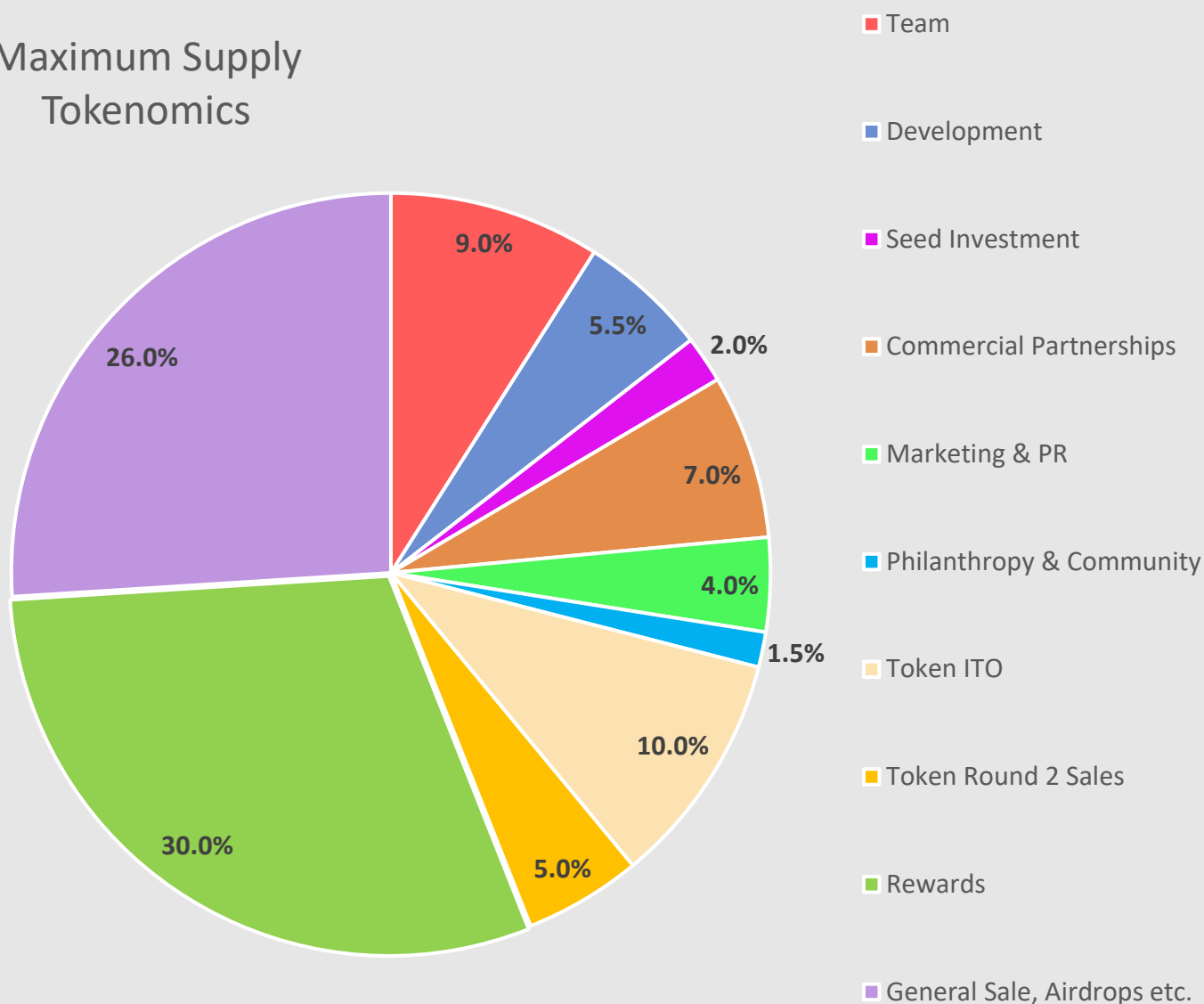
Airdrops

We will fund quarterly airdrops for our Zero Citizen NFT holders, with a large part of this being funded through the NFT royalties.



Proposed \$0CZN Tokenomics

Maximum Supply Tokenomics



Maximum Supply: 5,000,000,000
Initial Supply: 3,500,000,000
Earnable Rewards: 1,500,000,000

Disclaimer: The Tokenomics proposal is ongoing and may be subject to change.



\$0CZN Token Sales

Phased Sales

ITO (Round 1)

The Initial Token Offering (ITO) will enable the initial purchase of 0CZN tokens at the highest discount. There will be a minimum and maximum limit set for each purchase. Holders of at least 5 Zero Citizen NFTs will be eligible to take part in the ITO.

Round 2

Round 2 Token Offering will enable the purchase of 0CZN tokens at a smaller discount, though still cheaper than the price at launch. Again, there will be a minimum and maximum limit for each purchase. Holders of at least 1 Zero Citizen NFT will be eligible to take part in the Round 2 sale.

Public Sale

After the ITO and Round 2 sales, \$0CZN tokens will be made available to purchase at one or more Cardano DEXs for the public.

All sales are scheduled to take place across Q1 2023.



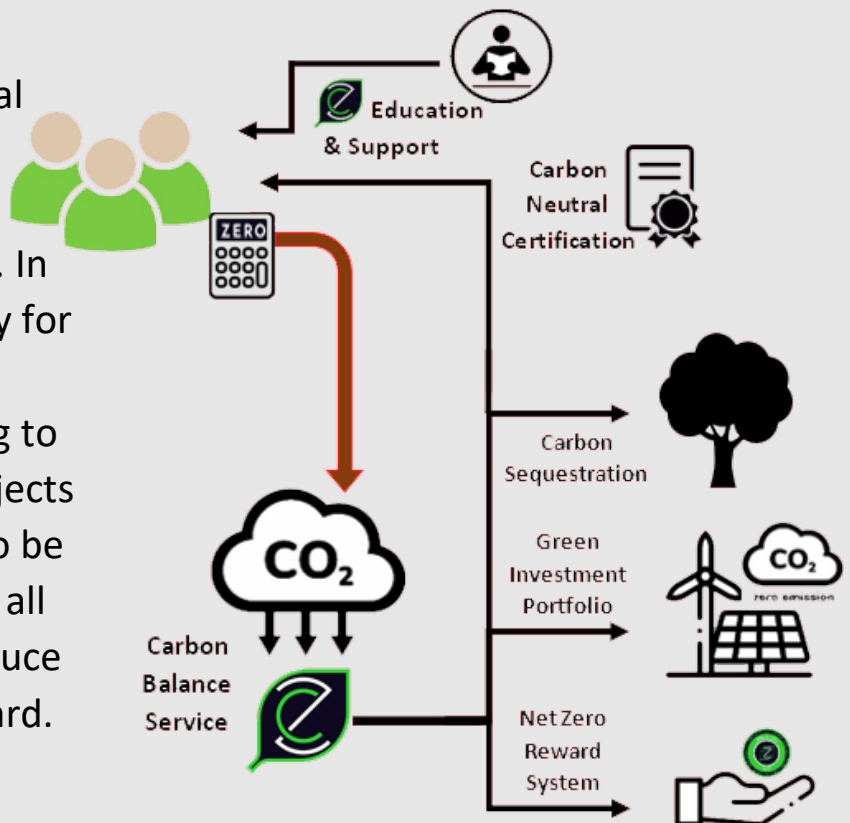
Q1 2023 – Carbon Emissions Calculator

We're developing our own Carbon Emissions Calculator with a more engaging and interactive UI/UX than traditional carbon calculators, to make the whole process as smooth and pleasant as possible.

The calculator will utilise different options and settings based on whether its an individual, business or stake pool operator (SPO) using the calculator, and will also differ based on the country of the user. Once the final calculations have been made, users will then be able to view their total CO₂ equivalent emissions (CO₂e) and then pay Zero Citizen for its Carbon Balance Service to become carbon neutral, with users being able to pay via traditional FIAT (£/\$/€ etc.) as well as \$ADA and our native \$OCZN tokens.

Once payment has been made, digital certification will be provided to showcase the carbon neutral status of themselves or their business/SPO. In addition to this, we'll offer the ability for users to mint certification on the blockchain, which we will be working to provide utility for through other projects on the chain. What's more, we'll also be providing education and support for all Carbon Balance Service users, to reduce future carbon footprints going forward.

We are currently working towards accreditation for the Zero Citizen carbon credit system through the International Carbon Registry (ICR).

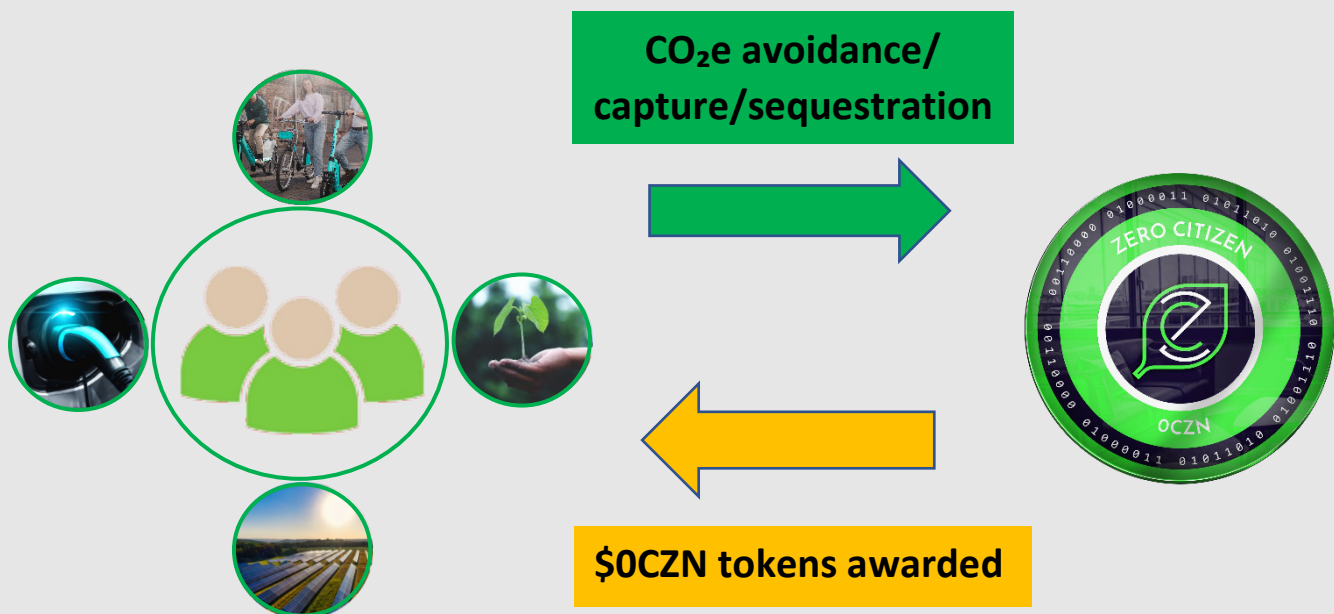


Q2 2023 – Net Zero Reward System

Zero Citizen will reward the end-users of zero-carbon products and services with \$0CZN tokens. The reward transaction will be the payment for Zero Citizen to acquire the carbon emissions that have been avoided, sequestered, or captured by the end-user, which will then be utilised as part of the Zero Citizen carbon credit system.

For the initial few weeks, we'll be looking at supporting only 4 different products/services, as we use these to develop the best practices and limit the number of different Reward Systems we need to support. The aim is to include EV chargers, Solar PV systems, using renewable energy providers and electric bikes/vehicles in the initial phase.

Once the Reward System is fully established and largely automated, we'll be expanding the number and variety of products/services and partners.



Growth Beyond Q2 2023

Net Zero Reward System

As we move beyond Q2 2023, we'll be looking to build upon the number of opportunities and partners for our Net Zero Reward System. We foresee opportunities developing across multiple industries, as the number of zero-carbon solutions begins to increase across industries.

NFT Utility

We'll be looking at ways to improve the utility of the Zero Citizen NFTs, as well as the utility for our Carbon Neutral Certificate NFTs. Just as we will rely on the Zero Citizen community for support, we will ensure we provide constant support and engagement with our community, which we hope becomes a global voice for net zero support.

\$0CZN Tokens

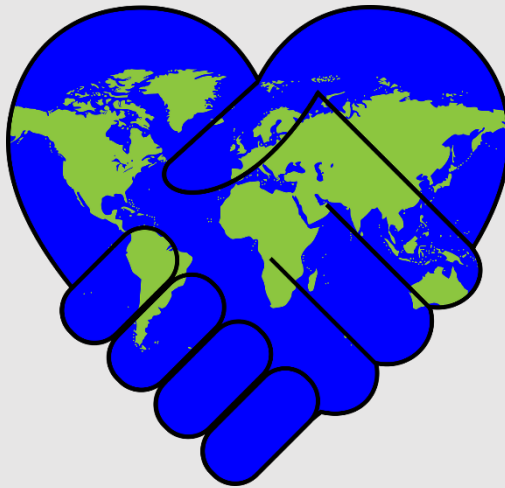
As mentioned previously, our aim is to build up the use cases for the tokens, in particular working with our Net Zero Reward System partners to use \$0CZN tokens for at least part-payment for their products and services. Towards the end of 2023, we'll also be aiming to begin building an online store dedicated to selling zero-carbon and sustainable products/services.



Philanthropy & Community

“Net zero means cutting greenhouse gas emissions to as close to zero as possible, with any remaining emissions re-absorbed from the atmosphere, by oceans and forests for instance” – UN. As the OCZN token has been created to support the target of global net zero by 2050, we will allocate a certain percentage of tokens towards the funding of projects that contribute to tackling climate change and support net zero activities.

Whilst 1.5% of the maximum supply has been allocated to net zero philanthropical and community projects, we will ensure regular investment is made to this allocation of funds, to ensure its long-term sustainability. Zero Citizen NFT holders will be able to vote to recommend which philanthropical and community projects that we support.



Socials

