Green Step

BASED ON REVOLUTIONARE TECHNOLOGIES
AND MODERN SOLUTIONS

Stellar CRYPTO CAPITAL GALAXY DIGITAL CRYPTO4ALL arrington XRP CAPITAL

CONTENTS

Introduction

The GreenStep crypto asset is a revolutionary new digital currency that harnesses the power of footsteps to generate sustainable energy and create positive social and environmental impact. Based on the proven technology of GreenStep's kinetic flooring tiles, the GreenStep crypto asset is designed to incentivize and reward individuals and organizations for their contribution to sustainable energy production, while also promoting public engagement and awareness of renewable energy solutions.

At its core, the GreenStep crypto asset is a blockchain-based digital currency that uses a unique consensus algorithm to verify and validate transactions. Built on a secure, decentralized platform, the GreenStep crypto asset is designed to be fast, reliable, and easy to use, making it accessible to anyone with a smartphone or internet connection.

Through the GreenStep crypto asset, users can earn rewards for their participation in sustainable energy production, such as walking on GreenStep's kinetic flooring tiles or contributing to the development of new sustainable energy projects. These rewards can be used to purchase goods and services within the GreenStep ecosystem, or traded on digital currency exchanges for other cryptocurrencies or fiat currency.

Overall, the GreenStep crypto asset represents a groundbreaking new approach to sustainable energy production, leveraging the power of blockchain technology to create a more sustainable and equitable future for all.

How do they work?

Sustainable Energy Production: The GreenStep crypto asset is designed to promote sustainable energy production through the use of GreenStep's kinetic flooring tiles. By incentivizing and rewarding individuals and organizations for their contribution to sustainable energy production, the GreenStep crypto asset encourages the adoption of clean energy solutions and supports the transition to a more sustainable energy future.

Decentralization: The GreenStep crypto asset is built on a secure, decentralized platform that ensures the integrity of transactions and protects against fraud or manipulation. By leveraging the power of blockchain technology, the GreenStep crypto asset is able to operate independently of any central authority or third-party intermediary, making it more secure, transparent, and resilient.

Efficiency: The GreenStep crypto asset is designed to be fast, reliable, and easy to use, with low transaction fees and minimal environmental impact. By optimizing transaction processing and minimizing energy consumption, the GreenStep crypto asset is able to provide a more efficient and cost-effective alternative to traditional financial systems.

Transparency: The GreenStep crypto asset promotes transparency and accountability through its use of public ledgers, which record all transactions and are accessible to anyone. By providing a transparent and auditable record of all transactions, the GreenStep crypto asset enhances trust and confidence in the system, and helps prevent fraud or corruption.

Accessibility: The GreenStep crypto asset is designed to be accessible to anyone with a smartphone or internet connection, regardless of their location or financial status. By promoting financial inclusion and reducing barriers to participation, the GreenStep crypto asset helps create a more equitable and inclusive financial system.

Overall, the technology principles of the GreenStep crypto asset reflect a commitment to sustainability, decentralization, efficiency, transparency, and accessibility, all of which are key values in creating a more just and equitable society.

What do they do and why are they advantageous?

GreenStep is a technology company that specializes in the development of sustainable energy solutions, specifically through the use of kinetic flooring tiles that generate electricity from foot traffic. These tiles convert the kinetic energy generated by footsteps into electrical energy, which can be used to power a variety of applications such as lighting, signage, and data transmission.

One of the advantages of GreenStep's technology is that it provides a sustainable and cost-effective alternative to traditional energy sources. The kinetic flooring tiles can be installed in high-traffic areas, such as pedestrian walkways, airports, train stations, and sports stadiums, where they can generate electricity from the natural movement of people. This means that GreenStep's technology can help reduce the reliance on fossil fuels and other non-renewable energy sources, while also promoting public engagement and awareness of renewable energy solutions.

Another advantage of GreenStep's technology is that it has the potential to create social and environmental impact by promoting sustainability and encouraging behavioral change. By incentivizing and rewarding individuals and organizations for their contribution to sustainable energy production, GreenStep's technology can help motivate people to adopt more sustainable habits and practices, which can ultimately lead to a more sustainable and equitable future for all.

Overall, GreenStep's technology provides a unique and innovative solution to the challenge of sustainable energy production, offering a range of advantages including sustainability, cost-effectiveness, public engagement, and social impact.

Utility Use

The utility use of GreenStep's kinetic energy technology is to generate electricity from foot traffic that can be used to power a variety of applications. Some examples of the utility use of GreenStep's technology include:

Lighting: The electricity generated by GreenStep's kinetic flooring tiles can be used to power lighting systems in public spaces, such as parks, plazas, and transportation hubs. This can help improve safety and visibility in these areas, while also reducing the reliance on traditional energy sources.

Signage: GreenStep's technology can be used to power digital signage and displays, such as advertising screens or wayfinding systems. This provides an innovative and sustainable way to communicate with the public while reducing the carbon footprint of traditional signage.

Data transmission: GreenStep's kinetic energy technology can also be used to power data transmission systems, such as Wi-Fi networks and sensors. This can enable the collection and analysis of data on foot traffic patterns and other environmental factors, which can help inform urban planning and resource allocation decisions.

Charging stations: GreenStep's technology can also be used to power charging stations for mobile devices and electric vehicles. This provides a convenient and sustainable way for people to charge their devices and vehicles while on the go.

Overall, the utility use of GreenStep's kinetic energy technology is to provide sustainable and cost-effective electricity for a variety of applications, while also promoting public engagement and awareness of renewable energy solutions.

Roadmap

August 2021 - Offline Project Development Start
October 2021 - Signing Agreements with Investors and Researching in Global Legal Terms of Our Product
November 2021 - Beta Testing of the tile in some places around the world (United Kingdom, Germany, Asia, India, and Mexico)
June 2022 - Creating a better design and performance for our product
December 2022 -Testing in more places the performance of our product
March 2023 – Integration with Social Media Space and Stellar BlockChain for first Public Sale
April 2023 – Marketing and Fundraising for continuing Deevelopment and integration of more Features

June 2023 – Hard-Debugging of tile errors and features to initiate Second Phase of The Project

August 2023 – Liquidity Pools creation for GreenStep Token and Chainlinking Development

A brief history of our project

The Green Step project was founded in 2021. The idea for the project came to when walking to work one day and noticed how many people were walking on the streets. Realizing that this movement could be harnessed to create electricity and help reduce the reliance on traditional energy sources.

The initial prototype for GStep's kinetic flooring tiles was developed in 2021, and the first installation was completed in 2021 at the Westfield shopping center in London. Since then, Green Step has installed its technology in various locations around the world, including the Paris, Heathrow, and in Mexico.

Conclusion of customers

This project appears to be promising based on client comments. Our team will continue to work on it due to various glitches and imperfections till it contributes to society's brighter future.

What is Stellar Network?

Stellar is an open-source network for currencies and payments. Stellar makes it possible to create, send and trade digital representations of all forms of money—dollars, pesos, bitcoin, pretty much anything. It's designed so all the world's financial systems can work together on a single network.

Stellar has no owner; if anything it's owned by the public. The software runs across a decentralized, open network and handles millions of transactions each day. Like Bitcoin and Ethereum, Stellar relies on blockchain to keep the network in sync, but the end-user experience is more like cash—Stellar is much faster, cheaper, and more energy-efficient than typical blockchain-based systems.

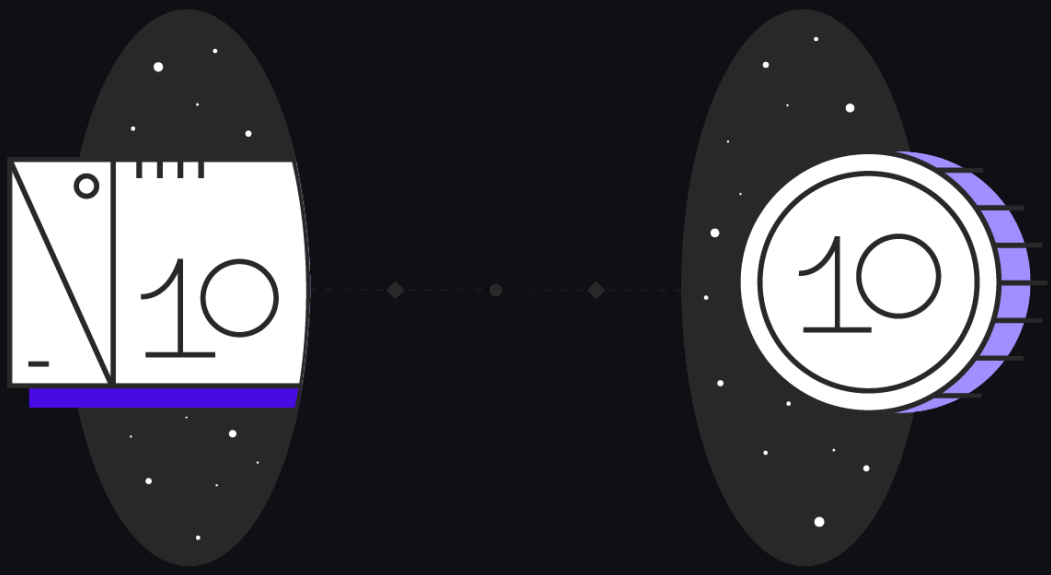
What is Stellar for?

The Stellar network launched in 2014. Since then it's processed more than 450 million operations made by over 4 million individual accounts. Large enterprise companies and companies as small as single-dev startups have chosen Stellar to move money and access new markets.

From the beginning, Stellar has been cryptocurrency-adjacent, but the software has always been intended to enhance rather than undermine or replace the existing financial system. Whereas, say, the Bitcoin network was made for trading only bitcoins, Stellar is a decentralized system that's great for trading any kind of money in a transparent and efficient way.

The Stellar network has a native digital currency, the lumen, that's required in small amounts for initializing accounts and making transactions but, beyond those requirements, Stellar doesn't privilege any particular currency. It's specifically designed to make traditional forms of money—the money people have been spending and saving for centuries—more useful and accessible.

For example, here's what you can do with Stellar. You can create a digital representation of a U.S. dollar—on Stellar you'd call this a "dollar token"—and you can tell the world that whenever someone deposits a traditional dollar with you, you'll issue them one of your new tokens. When someone brings that "dollar token" back to you, you promise to redeem it in turn for one of the regular dollars in that deposit account. Essentially, you set up a 1:1 relationship between your digital token and a traditional dollar. Every one of your tokens out in the world is backed by an equivalent deposit. So while people hold the tokens, they can treat them just like traditional money, because they know that they're exchangeable for traditional money in the end.



Traditional Dollar *"Dollar Token"*

This might seem unexceptional—issuing electronic credits for dollars is basically what any local American bank does thousands of times a day. But in a global system this 1:1 promise of a token for a currency has important implications. For instance, no matter how a token moves through the economy, the underlying dollars never leave that bank account in the United States. So suppose someone loans their tokens to someone else, who then uses them to buy a car. No bank has to settle the purchase or approve the loan. And furthermore, it doesn't matter if the seller of the car lives in Mexico or Singapore or anywhere, they can still own the tokens and can trade them however they please. The Stellar network makes money borderless.

Digital dollar tokens also mean people all over the world can own, buy, and sell the value of a dollar without themselves having a U.S. bank account. A Venezuelan can hold some of his family's net worth in dollars. A Filipino expat can send dollars back home, and the recipient can hold them, safely and digitally, until she's ready to exchange. An American company can pay a Mexican vendor in dollars, and the vendor can pay its suppliers in turn, with a five-second, rather than a five-day, wait to settle. Because the dollars represented by the digital token never actually move as the value changes hands, these transactions sidestep the friction and expense of the current banking system.

This exact dollar token example is in fact live on Stellar right now, through USD stablecoins like USDC — thousands of dollars of value moves quickly and cheaply through their token each day. Of course, Stellar works for any currency, not just dollars. And when you add peso tokens, naira tokens, yuan tokens, pound tokens, bitcoin tokens, euro tokens and everything else, you have a truly unified monetary system that keeps the best parts of what exists today.

How does Stellar work?

At the lowest level, Stellar is a system for tracking ownership. Like accountants have for centuries, it uses a ledger to do so, but Stellar's innovation is that there is no actual accountant. Instead there's a network of independent computers each checking and rechecking the work of the others. Stellar is a system without a central authority—meaning no one can stop the network or secretly adjust the numbers to his liking—yet even without a central authority the ledgers are verified and updated, every five seconds.

A unique algorithm, called the Stellar Consensus Protocol (SCP), keeps everything in sync. There are many ways to get agreement across a decentralized system—Bitcoin's visionary proof-of-work method was the first and is still the most famous. But, like many first drafts, proof-of-work left room for improvement. SCP strives to be better by being configurable, fast, and highly energy efficient. If you're interested in the deep details, you can read the peer-reviewed paper, published by SOSP, the oldest and most prestigious systems conference, for complete technical details.

For every account holder, Stellar's ledger stores two important things: what they own (account balances, like "100 pesos tokens" or "5000 lumens") and what they want to do with what they own (operations, like "sell 10 dollar tokens for 50 lumens" or "send 100 peso tokens to such-and-such account".) Every five seconds, all the balances and all the operations are broadcast to the entire network and resolved.

The computers that run the core Stellar software and therefore publish and check the ledger are called nodes. So, when you send someone a euro token on a Stellar-built app, the nodes check that the correct balances were debited and credited, and each node makes sure every other node sees and agrees to the transaction. The current Stellar network is verified by hundreds of nodes across the globe, the nodes and how they communicate is public information, and anyone can install the Stellar software and join the consensus process. This is different than how accounting works at, say, a bank, where a single corporation unilaterally decides what happens, more or less in secret.

Right above this core layer sits a powerful API so that to build on Stellar you don't have to understand the particulars of distributed consensus. Simple, well-documented functions allow you to move new digital money using models that you're used to. It's very easy to trade tokens between accounts, make markets, and issue assets.

Source: stellar.org

Tokenomics Plan:

1 % - BlockChain Fees

3 % - Development

5 % - Marketing

6 % - EcoSystem

8 % - Charity for victims of Terrorism

12 % - Burn

65 % - Public Sale

www.greenstepproject.org

t.me/GreenStepProject

@GStepProject

Ready for entering our Journey?