



GASH

New era of green energy

Whitepaper V0,1

October 5,2018

gashcore.com

Contents

Contents	2
Disclaimer	4
introduction	5
About Green energy plan.....	5
What are green energy products?.....	6
How do we do it?	7
why gashcoin.....	9
Coin specifications.....	10
BLOCKCHAIN	10
Distributed Decentralization	11
Trustless System	12
Data Persistency	12
Proof of stake	12
Masternodes.....	13
what do you need to run gash masternode	15
Running a Masternode	15
Promotion.....	16
Roadmap.....	16

Team.....17

Social network..... 18

Important links 18

Frequently Asked Questions and Answers 19

Disclaimer

Disclaimer the purpose of this white paper is to present the GASHCOIN to potential GASH community members and customers in connection with the proposed platform launch. The information set forth below may not be exhaustive and does not imply any elements of a contractual relationship. Its sole purpose is to provide relevant and reasonable information to potential community members in order for them to determine whether to undertake a thorough analysis of the company with the intent of acquiring GASH. Nothing in this white paper shall be deemed to constitute a prospectus of any sort a solicitation for investment, nor does it in any way pertain to an offering or a solicitation of an offer to buy any securities in any jurisdiction. This document is not composed in accordance with, and is not subject to, laws or regulations of any jurisdiction which are designed to protect investors. Certain statements, estimates, and financial information contained in this white paper constitute forward-looking statements or information. Such forward-looking statements or information involve known and unknown risks and uncertainties which may cause actual events or results to differ materially from the estimates or the results implied or expressed in such forward-looking statements. This English language white paper is the

primary official source of information about the Extensivecoin coin. Before taking part in this community you should check your local and federal laws.

Introduction

The GASH Green energy plan is a program created to support green energy in poor areas. We plan to deliver green energy products to poor areas in Africa and Asia by issuing GASH coins, and work with green energy producers to develop a new generation of efficient green energy products through new data analysis. Accelerate the development of green energy products, so that more people in the absence of sufficient electricity, through green energy products to improve life.

About Green energy plan

Many people, especially farmers living in poor mountainous areas, can not get enough electricity because of the lack of natural environment and government funds, which makes the farmers' production inefficient, basic living equipment can not operate, energy is the basis of all life, the lack of energy can not improve the living environment. Many people also try to obtain electricity through green energy products, but most of the current green energy products, there are cumbersome, inefficient, expensive

shortcomings, people in poor areas can not buy it.

Our plan is divided into three parts. We will provide green energy products to people in poverty-stricken areas through charity and donation. We will work with producers of green energy products to develop new types of green energy products, improve prices and performance, and spread green energy products to poor areas. Good people's living and agricultural environment.

What are green energy products?

Solar generators, wind driven generators, small hydro generator, Small biogas generator, They are all major green energy products, of which solar power generators and wind driven generators are most popular. Hydraulic generators and biogas generators are limited by the environment, but there are many areas suitable for them.

Traditional green energy products have many problems, such as expensive, poor mobility, lack of data analysis module, transportation and assembly difficulties. Our goal is to solve these problems. Together with green energy manufacturers, we will improve our products through actual data analysis, thus promoting the industrial development of green energy products.

How do we do it?

Green energy is a complex thing. We can't do everything we plan independently. So this will depend on cooperation with many people and institutions. We will work with charities to distribute green energy products to poor areas, we will work with manufacturers of green energy products to develop a new generation of green energy products that meet the requirements, we will work with universities to develop better green energy products and technological improvements, and we will work with local governments. To promote the popularization and development of green energy products, we will cooperate with farmers in poor areas and listen to their opinions. Of course, first of all, we will work with the supporters of the GASH community to listen to their views.

GASHCOIN

GASH is a currency for everyone. We invite you to become part of our friendly, enthusiastic, and open community. GASH is a decentralized cryptocurrency that utilizes the latest and most advanced technology in blockchain, to ensure a highly reliable and secure network. Inspired by projects like Bitcoin, ION the GASH currency (GASH) connects a variety of smart features together to provide a cutting-edge cryptocurrency with

capabilities and benefits not yet seen in most other cryptocurrencies. GASH is an open source, completely private PoS cryptocurrency based on secure code of Bitcoin Core and ION. GASH offers anonymized transactions utilizing the Dark send feature. It also allows for instant transactions featuring guaranteed zero confirmation transactions using instantX. GASH also features highly secure Masternode technology. Enabling us to secure the network and provide the above features. Each of these Masternodes is secured with 1,500 GASH in collateral. The GASH platform aims to continuously innovate and expand to offer a wide variety of features and functionalities. We are dedicated to remaining actively engaged within the GASH community, to maintain a high level of transparency and build a solid trust network with our investors and supporters. GASH has a fair distribution and will continue to develop realistic and progressive goals for our platform. We have a phenomenally active and dedicated development team to keep our code well maintained. Our team is passionate about delivering the best possible cryptocurrency platform and bringing this technology to consumers around the world. GASH also creates utility products that allow GASH to be used in everyday scenarios. It also offers partnership opportunities to other cryptocurrencies to use the GASH platform

Gash coin is one of the first coins that offer the innovative MASTERNODE TIER SYSTEM. A user who wishes to run a masternode requires investing a certain amount of coins in the network and then do some technical set up. For instance, one requires keeping 1,500 Gash coins in the GASH wallet to be able to set up and run a masternode. Moving the coins out of the wallet, which is possible at any time, removes the masternode from the network and the wallet address is no longer illegible for rewards as expected. When the number of GASH masternodes increase, the share of block value each masternode receives, keep decreasing. Rewards are not distributed on a concrete time. Rewards are random and depend on luck, number of blocks in the network, masternode quantity on different tier levels. Statistics are based and distributed between weeks, not between days or hours.

why gashcoin

GASH is the world's first green energy conscious cryptocurrency It is the world's only coin support green energy. GASH allows you to interact worldwide privately, directly and instantly with fast transaction times. The number of merchants around the world accepting GASH is growing on a daily basis. To sustain a high number of coins in circulation, GASH sets proof of ownership for a masternode at 1500 GASH.

Coin specifications

GASH uses proof of stake consensus mechanism, it uses sha256 algorithm that supports mastenodes.

Coin name	Gashcoin
Ticker	GASH
Algorithm	(POW/POS):SHA256
Block reward	10 GASH
Masternode collateral	1500 GASH
Masternode reward	50%
Staking(pos)reward	50%
Block time	60 seconds
Total supply	21,000,000 GASH
Premine	105,000 GASH(0.5%)
P2P port: 20202	RPC port: 20302

BLOCKCHAIN

Blockchain is a decentralized network of accounts, which, operating

without a centralized intermediary, composes the underlying technology for all cryptocurrencies. It was first conceptualized by Satoshi Nakamoto in 2008 and implemented the following year as a core structural component of the digital currency Bitcoin, for which it serves as the public ledger for all transactions. Through the use of a peer-to-peer network and a distributed time-stamping server, a blockchain database manages itself autonomously. Blockchain is a technological program that maintains a reliable database in a decentralized and trustless manner. It allows the nodes in its network to use cryptographic algorithms to record all information exchanged in the system, in a given time, into a block. It also generates the Hash, a fingerprint or ID, of the block, which chains it to the next one. All nodes in the system jointly authenticate the validity of the record, guaranteeing its integrity. The blockchain has four main features: decentralization, trustlessness, collective maintenance, and reliable database. These four features imply two other features, open source and anonymity.

Distributed Decentralization

In a traditional centralized network, a destructive attack on a central node (for example, a payment mediator) can break the entire system. In a decentralized network, such as a Blockchain, however, an attack on a single node does not impact the entire network.

Trustless System

Using an algorithm of self-restraint, nodes on the Blockchain network reject any malicious behavior. This way, the Blockchain system does not rely on a central authority for support or credit endorsement.

Data Persistency

The Blockchain technology uses a one-way hash algorithm, which establishes a unique ID for the transaction in the block. Each block also contains information about its previous transaction it is connected to, making data modification almost impossible. Financial records on a blockchain are permanent. They cannot be changed or deleted.

Proof of stake

Proof of stake is a type of algorithm by which a cryptocurrency blockchain network aims to achieve distributed consensus. In PoS- based cryptocurrencies, the creator of the next block is chosen by several combinations of random selections. In contrast, the algorithm of proof of work-based cryptocurrencies such as bitcoin uses mining; that is the solving of computationally intensive puzzles to validate transactions and

create new blocks.

When it comes to choosing a blockchain infrastructure, it's of great importance that you evaluate the consensus model it implements. The sanctity of all data recorded on the blockchain is maintained by the consensus algorithm. Proof of stake is one of the most commonly used algorithms in achieving distributed consensus in cryptocurrency blockchain networks. Proof of stake is a typical computer algorithm through which some cryptocurrencies achieve their distributed consensus. It is also a better alternative to the proof of work algorithm by achieving the same distributed consensus at a lower cost and in a more energy efficient way. In POS-based cryptocurrencies, the creator of the next block is chosen via various combinations of random selection and wealth or age. In contrast, the algorithm of proof of work based cryptocurrencies such as bitcoin uses mining, that is, the solving of computationally intensive puzzles to validate transactions and create new blocks. The viability of network's relying on POS is not achieved by mining but rather by staking.

Masternodes

Masternodes get constant rewards that are proportionately are allocated among peer reviewed Masternodes. Masternodes continuously

check the activity of the peer node, and rewards are only given to high earning nodes having stable high-speed internet and enough connections. On top of the block reward, a Masternode gets all public transactions fees done in a block and fees for all private transaction pools started in the block. These inducements encourage uninterrupted connectivity to sustain a high-performance network. This way you don't only have a chance to grow your investment, but to help the network out as well.

Another form of staking is running a masternode. A masternode is a special trustless and decentralized server that carries out number of functions on the blockchain network such as instant sending, and coin mixing to add privacy of transactions in the network. They also help to achieve a true level of decentralization, meaning they facilitate a decentralized management and administration of the distributed network such that the network will not favor any country, geography, company or person because those running masternodes have additional responsibilities such as voting on development matters and issues. They ensure a decentralized budgeting system and an immutable proposal and voting system. Masternodes also play the important role of stabilizing the network since those running them must retain some amount of currency or coins in the network to run the nodes. In technical terms, masternodes are network nodes that run the same wallet software on the same

blockchain in order to provide the above said and additional services. Masternode system plays a very important role and is, indeed, a backbone of the network. It is a resource or service that can be provided by anyone on the blockchain network as far as the person has the required financial and hardware capabilities. The individual providing these services get rewards and dividends in form of the coin on a periodic basis defined by the cryptocurrency company.

what do you need to run gash masternode

1. A VPS or a server to host the wallet 24 hours a day
2. A dedicated IP address
3. Storage space to keep a copy of the blockchain

Running a Masternode

Investors may choose to run their own masternode or have a hosting provider handle everything for them for a small monthly fee, allowing investors with no technical background a chance to profit from one of the most interesting passive income investments opportunities available in the crypto sphere today.

Promotion

GashCoin will be promoted on several social media platforms, but the most important way of marketing will be direct marketing, in which we will personally try to establish a contact with our targeted audience and show them the possibilities of GashCoin.

Roadmap

September 30,2018

Start

Genesis Block, Pre- Mine

Announcement(Bitcointalk)

October, 2018

Website release

Block Explorer

Whitepaper release

Marketing on Social Media Platforms

Listing on cryptobridge

Listing on <https://masternodes.online/>

Listing on <https://masternodes.pro/>

November, 2018

Listing on coinmarketcap.com

Announcement of manufacturer partners

Announcement of charity partners

website updata

December,2018

Announces the first batch of green energy products

Announcement of the first batch of cooperation areas

Android app release

PR campaign

January ,2019

2019 Roadmap Release

Team

In 2018, a very small group of developers began collaboration based on the idea that blockchain technology could be a very useful tool for communities that aim to make positive change in the world. The team was steadfast in their belief that the project should be grassroots in nature. In a time where the landscape was dominated by ICOs full of

empty promises and vaporware, the goal was to establish a healthy blockchain, develop a strong community, start supporting and integrating charities as early as possible, and build from that point forwards.

Within the first 3 months of going live, Gash grew to its current team of 5 members based in the United States, Canada, and Brazil. We continue to grow and are always reaching out, connecting with others who have shared values and who can contribute. We will continue to expand the team and diversify both our international reach as well as our coverage of various skills and specialties. We'll start with green energy, because we're convinced that only technology that helps others is valuable.

Social network

Discord: <https://discord.gg/Hu529at>

Twitter: <https://twitter.com/gashcore>

Important links

Bitcointalk: <https://bitcointalk.org/index.php?topic=5040575>

Website: <http://gashcore.com>

Explorer: <https://chainz.cryptoid.info/gash/>

Github: <https://github.com/gashcore/gash/>

Wallet: <https://github.com/gashcore/gash/releases/tag/1.0.0.0>

E-mail: admin@gashcore.com

Frequently Asked Questions and Answers

1. What is the total amount of Gashcoin? Will the total amount increase in the future?

The total volume of Gashcoin is 21,000,000, and it will not increase in the future.

2.What is the price of GashCoin?

GashCoin's price, in regards to BTC and ETH, will be determined by the market price of BTC and ETH

3.How will the value of GashCoin increase in the future?

The central function of the platform is to provide four types of currency transfer services, charging specific fees during the process. GashCoin will be the service coins. With the increasing usage and traffic of GASH, the demand of GashCoin will grow. As the supply of GashCoin is limited, its value will increase due to its growing usage.

4. How long does the exchange take ?

Transfers usually take around 3 minutes, but the speed may be affected for many reasons, including whether the information was correctly entered, current blockchain network condition, and whether withdrawal from the exchange is timely.

5. What should I do if I accidentally quit the GASH APP during the transfer ?

You can locate the transfer on the “Transfer” page under the account tab and continue from where you left off by clicking on the transaction and following the instructions.

6. I have already transfer my coins but status remains “Sending...”

It may be caused by an unsuccessful transfer or the transfer amount is not the same as the amount in the order, please check the blockchain network. If the transfer is successful but the status still remains the same, please contact us immediately.

7. Order status shows successfully sent coins but I did not receive them

Please go to order page to check if you have correctly entered the receive address. If not, please enter the correct address. If you have correctly entered the address, please contact us immediately.

8. Why does the range of coin amounts that can be transferred change ?

The range of coins that can be transferred depends on real-time changes in market transaction depth and liquidity.

GO to <http://gashcore.com> for more information