



Greenercoin.io

White Paper

English
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Abstract

Climate change presents a key concern for humanity and in order to make a positive impact on the environment, Electroethicoart has developed a Blockchain named **Greenercoin** (GNC). In fact, **Greenercoin** aims to encourage miners to use neutral carbon resources and in that way offers an alternative, secure and rapid mean for exchanges than other cryptocurrencies may provide. **Greenercoin** is the only Blockchain that solves the two biggest problems of cryptocurrencies huge consumption of energy and the use of non clean energy. **Greenercoin** solved those problems with low energy consumption Blockchain and 100% clean energy. **GNC** is only mined by clean energy (0 gas emission). Moreover, blockchain technology used in **Greenercoin** has a power in driving social impact because of its network and the principle of sharing. The objective is to be a reference in a sustainable market. Be mindful that nowadays, cryptocurrency market is equal to 3 T\$, which represents the GDP of France, and a willingness to accept cryptocurrency as payment mode across the world will grant a sustainable development. Having **Greenercoin** is equivalent to having a statement to save humanity, earth and the future of your children. The community of **Greenercoin** had a clear strategy (partnerships, campaigns and social media) to use the immense potential of this coin and make the difference.



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1. INTRODUCTION

From climate change, to habitat degradation and biodiversity loss, the environmental emergency we are facing today is the direct outcome of human activities. As the global population grows, we consume more and more resources to meet our needs. We are rapidly reaching the planetary boundaries first identified by Rockstrom et al. (2009). We use natural resources to produce and consume goods and services, but their increased scarcity leads to global concerns about the future of humankind. Furthermore, the Earth is projected to be around 2°C hotter by 2050 and the world's ice sheets are melting at an alarming rate, contributing to rising sea levels. Studies show that these factors will result in “unforeseen and unpredictable” consequences to life on Earth.

As a result, global sustainability initiatives are more urgent now than ever. Advanced technological tools allow us to address the most pressing concerns. One technology that has an emerging role in sustainability is blockchain. As a matter of fact, applications built on blockchains have the potential to incentivise positive social and environmental impact.

However, many blockchain's have a huge flaw - they use an extremely large and growing amount of energy. According to the University of Cambridge, it is estimated that more than 60% of all blockchain cryptocurrency operations are powered through the use of fossil fuels which is highly damaging to the environment and extremely unsustainable.

Nonetheless, there is a conscious drive to address the type of energy being consumed. With GreenerCoin, we aim to tackle these challenges and use the technology to accelerate adoption of greener energies. To go further, we want to use our technology to contribute to sustainable development (also we want to democratise this technology and its usefulness) to contribute while making it accessible to the “common people”. By doing so, we ensure to have a tangible impact.



2. DISCLAIMER

2.1 ELIGIBILITY

Electrethicoart is a software engineering/consulting company subject to the French law, provisions and obligations related to Know Your Customer (“KYC”) procedures. The purchase of cryptocurrencies is legally forbidden, such as, but not limited to, China, Algeria, Bolivia, Ecuador, Morocco, and Pakistan, in addition to persons located in any of the jurisdictions blacklisted by the Organization for Economic Co-operation and Development and the United Nations.

2.2 LEGAL DISCLOSURES

This Whitepaper provides information in connection to an opportunity for the acquisition of a cryptocurrency that will grant purchasers economic exposure to financial market. The cryptocurrency will not (i) provide legal ownership over the Issuer’s shares or the Target Assets; (ii) represent debt owed by the issuer to the cryptocurrency owner; nor (iii) provide voting/governance/typical shareholding rights related to the Issuer. This Whitepaper does not constitute a prospectus, an offering memorandum and/or other offering document relating to the Issuer and has not been reviewed or approved by any financial regulator or securities commission in any jurisdiction. Investing in cryptocurrency involves several risks. There can be no assurance that cryptocurrency holders will be able to receive a payback of their capital or any positive returns on their purchase of cryptocurrency. Prior to investing in cryptocurrency, prospective purchasers should carefully consider the section “Risk Factors” of this Whitepaper, which despite not providing an exhaustive list or explanation of all the risks purchasers may face when investing in cryptocurrency, shall be used as guidance. Prospective purchasers should consider carefully whether a purchase of cryptocurrency is suitable for them considering the information herein and their personal legal and financial circumstances. Unless otherwise indicated or the context otherwise requires, all references in this Whitepaper to “Issuer”, “we”, “our”, “ours”, “us” or similar terms refer to the Issuer.

2.3 FORWARD-LOOKING STATEMENTS

This Whitepaper may contains estimates and forward-looking statements which are mainly based on the current expectations and estimates of future events and trends that affect or may affect the business, financial condition, results of operations, cash flows, liquidity, prospects, and the envisaged valuation of the cryptocurrency.

Although we believe that these estimates and forward-looking statements are based upon reasonable assumptions, they are subject to many significant risks, uncertainties and are made. Considering the current available information. Forward-looking statements speak only as of the date they were made, and we do not undertake the obligation to update publicly or to revise any forward-looking statements after we distribute this document because of new information, future events or other factors.

Considering the risks and uncertainties described above, the forward-looking events and circumstances discussed in this document might not occur and future results may be materially different from those expressed in or suggested by these forward-looking statements. Forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause actual events or results, performance, or achievements to differ materially from the estimates or the results implied or expressed in such forward-looking statements. These factors include, amongst others:

A - Changes in political, social, economic, and stock or cryptocurrency market conditions,

and the regulatory environment in the countries in which the Issuer conducts its businesses and operations.

B - The risk that the Issuer may be unable to execute or implement its respective business strategy and plans.

C - Changes in interest rates and exchange rates of fiat currencies and cryptocurrencies.

D - Changes in the anticipated growth strategies and expected internal growth of the Issuer.

E - Changes in the availability and salaries of employees who are required by the Issuer to operate their respective businesses and operations.

F - Changes in competitive conditions under which the Issuer operates, and the ability of the Issuer to compete under such conditions.

G - Changes in the future capital needs of the Issuer and the availability of financing and capital to fund such needs.

I - War or acts of international or domestic terrorism.

J - Occurrences of catastrophic events, natural disasters and acts of God that affect the businesses and/or operations of the Issuer; and

H - Other factors beyond the control of the Issuer. The Issuer disclaims any responsibility to update any of those forward-looking statements or publicly announce any revisions to those forward-looking statements to reflect future developments, events, or circumstances, even if new information becomes available or other events occur in the future.

• 2.4 ACCURACY OF INFORMATION NO CONSENT OF PARTIES REFERENCED IN WHITEPAPER

This Whitepaper includes technical, market and industry information and forecasts that have been obtained from internal surveys, reports and studies, where appropriate, as well as market and academic research, publicly available information, and industry publications. Such surveys, reports, studies, market research, publicly available information and publications generally state that the information that they contain has been obtained from sources believed to be reliable, but there can be no assurance as to the accuracy or completeness of such included information. Save for the Issuer and its respective directors, executive officers and/or other information attributed or perceived to be attributed to such person in connection there with in the Whitepaper and no representation, warranty or undertaking is or purported to be provided as to the accuracy or completeness of such information by such person, and such persons shall not be obliged to provide any updates on said information. The Issuer has not conducted any independent review of the information extracted from third-party sources, verified the accuracy or completeness of such information, or ascertained the underlying assumptions relied upon therein. Consequently, the Issuer makes no representation or warranty as to the accuracy or completeness of such information and shall not be obliged to provide any updates on said information.

2.5 TERMS USED

To facilitate a better understanding of the cryptocurrency being offered for purchase by the Issuer, and the businesses and operations of the Issuer, certain technical terms, and abbreviations, as well as, in certain instances, their descriptions, have been used in the Whitepaper. These descriptions and assigned meanings should not be treated as being definitive of their meanings and may not correspond to standard industry meanings or usage. Words importing the singular shall, where applicable, include the plural and vice versa and words importing the masculine gender shall, where applicable, include the feminine and neuter genders and vice versa. References to persons shall include corporations.

2.6 NO FURTHER INFORMATION OR UPDATE

No person has been or is authorized to give any information or representation not contained in the Whitepaper in connection with the Issuer and its business and operations or the cryptocurrency and, if given, such information or representation must not be relied upon as having been authorized by or on behalf of the Issuer. The continuing sale of cryptocurrency shall not, under any circumstances, constitute a continuing representation or create any suggestion or implication...

that there has been no change, or development reasonably likely to involve a material change in the affairs, conditions, and prospects of Issuer or in any statement of fact or information contained in the Whitepaper since the date hereof. Statements made in the Whitepaper are based on the French law and practice in France current at the date it was issued. Those statements are therefore subject to change should that law or practice change. Under no circumstance does the delivery of the Whitepaper or the sale of cryptocurrency imply or represent that the affairs of the Issuer have not changed since the date of the Whitepaper.



3. DESCRIPTION OF THE MARKET & THE PROBLEM

3.1 CRYPTOCURRENCY MARKET

As we can see in October 2021, we did have an all-time high of 2,56 T\$. It does represent 20% of the total real estate market that shows us the strength of cryptocurrency market and the high potential of cryptocurrency market. It worth emphasizing that 3 T\$ is equal to GDP of France. The acceptance of cryptocurrency across the world demonstrates a turning point in this industry.



The point of no return was crossed in Salvador, they are accepting cryptocurrency as a payment method: we can clearly say now that the future is for cryptocurrency . This observation is based on open-source information, tracking (mostly small) companies that either had a physical in-store ATM for cryptocurrency withdrawal or accepted cryptocurrencies for payment when a customer visits their shop in 2021.

Figures on Bitcoin ATMs are available from several outlets - with this ranking attempting to list where these crypto ATMs or in-store payments can be found. Nearly 6,000 of the companies mentioned here are found in the United States, with only three other countries having over 1,000 entries in this list. In February 2021, Tesla announced it was considering accepting Bitcoin (BTC) as a direct payment method for their Model 3 car.

This was a big change, as some large firms used intermediary services up until that point. These services offer solutions that convert crypto payments into U.S. dollar, which are then sent to the receiving company. One example includes is Microsoft - Bitcoin payments are allowed on the Microsoft Store, which are then handled by a service called BitPay. BitPay was especially popular with prepaid or gift cards in 2020. Tesla was the first big company to openly state it might accept BTC without an intermediary, as part of its plans to own more cryptocurrency. The electric and hydrogen car manufacture move sparked a Bitcoin price surge in the following weeks. But, in Mid-May we were in a bear market but now the market begins to stabilise specially with the Salvadorian move.

3.2 SOCIAL AND ENVIRONMENTAL POSITIVE IMPACTS

Climate change is one of the greatest threats to food security, poverty reduction and sustainable development across the world. To deal with the consequences of climate change, innovative solutions are needed. Blockchain technology is one of them.

Blockchain is having an emerging role in sustainability by helping cultivate collaborations between consumers and producers, by assisting people in adopting more sustainable lifestyles, and by helping companies improve their sourcing and recycling practices. Another major benefit of blockchain technology is that it can ensure transparency. Put simply, blockchain provides a verifiable record as to who buys what from whom.

This means that companies' claims of being resource positive and reducing their environmental impacts can be counter-checked and verified. More and more customers demand sustainable practices in the choice of products they buy. Forbes notes that around 60% of consumers are likelier to buy products with clearly defined sustainability policies. This is most evident in the success of fashion brands like Allbirds and Veja, both of which are known for their sustainable business practices.

Crucial to sustainability is the concept of the circular economy and its three R's: reducing materials and waste, reusing products, and recycling materials. This paradigm ensures that products and services are traded in closed loops or cycles, meaning that nothing goes to waste so we can better preserve Earth's natural resources. Blockchain can help in this regard, too. Aside from transparency, the technology guarantees traceability. Together, transparency and traceability facilitate fast and easy provenance of items. Consequently, distinguishing authentic products from fake ones helps combat counterfeiting and the negative strain causes to our natural resources, not to mention fair work practices.

Finally, blockchain is streamlining the supply chain through immutable, time-based databases for every stage: production, collection, transportation, arrival, and even disposal.

3.3 WHAT MAKES BLOCKCHAIN A POWERFUL TOOL FOR DRIVING SOCIAL IMPACT?

Blockchain has the power to drive positive impact at immense scale. Part of this power lies in the alignment of network value creation through participation.

Unlike Facebook or Uber, where a very small number of shareholders control and benefit from the network's growth, blockchain enables an incentive system which can benefit the entire network.

The power of decentralised networks also lies in their transparency. On a blockchain, every transaction is verified by multiple parties and no one is able to edit the data without alerting the entire network. Unlike the algorithms of big tech – which are kept secret and constantly changing – blockchain contracts are public, as are the laws around who can change them and how.

Thanks to these characteristics, applications built on blockchains have the potential to incentivise positive social and environmental impact.

Add to the above, the power to incentivise a circular economy and revolutionise the distribution of charitable donations.

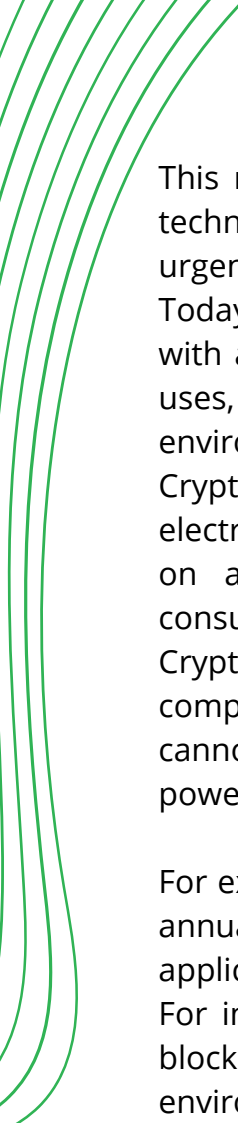
Blockchain technology is relevant to agriculture and food systems because transactions in these sectors are often faced with trust and information management problems. Thanks to built-in control mechanisms that ensure the integrity of recorded data, it is seen as a unique opportunity for efficient, transparent and traceable information exchange.

Various studies shows that blockchain technology can help improve transparency and accountability of both climate change mitigation and adaptation activities. Apart from monitoring greenhouse gas emissions, it can support farmers' adaptation to climate change by helping to track investments and outcomes of improved management practices.

3.4 LIMITATIONS OF THE CRYPTOCURRENCY MARKET

It should be noted, however, “that many public blockchains have a huge flaw: they use an extremely large and growing amount of energy.”

The way in which transactions are secured and trusted on the blockchain is highly energy intensive. In fact, blockchains currently account for 0.58% of global electricity consumption, whilst many blockchain consumes almost as much energy as the entire U.S. federal government.



This means that today, when it comes to discussing sustainability and blockchain technology, you have to balance the longer term systemic benefits against today's urgent need to reduce fossil fuel consumption.

Today, we cannot afford to ignore blockchain's growing carbon footprint. However, with ambitious changes to both the volume and the type of energy the technology uses, we could soon release a tool with the power to incentivise social and environmental progress at scale.

Cryptocurrency is estimated to use 127.24 kWh (kilowatt-hours), or the amount of electricity it uses annually. And to put this into perspective, the country of Chile uses on average 77.78 TWh which is an astonishingly large amount of energy consumption.

Cryptocurrency mining is performed by high-powered computers that solve complex computational math problems. These math problems are so complex that they cannot be solved by hand. They are complicated enough to tax even incredibly powerful computers connected to large networks that burn electricity beyond belief.

For example: alone is currently responsible for 36.95 megatons of carbon emissions annually, comparable to that of New Zealand's annual carbon footprint. The application of blockchain for climate change does not come without controversies. For instance, there are concerns that the energy consumption of certain types of blockchain technologies leads to increased CO₂ emissions and adverse environmental impact. Yet, blockchains are not considered a large threat to the climate today, partly because their energy consumption must be weighed out against the energy savings made through its digitization process.

It is important to emphasize that blockchain is not the main element to reach carbon neutrality.

As widely known, some Blockchain consumes a huge amounts of energy and emits a considerable amount of CO₂ to maintain the network and validate transactions.



4. DESCRIPTION OF THE PRODUCT AND HOW IT'S GOING TO SOLVE SAID PROBLEM

Greenercoin is a sustainable Blockchain that is mined/validated only by Carbon free miners/validators.



How the carbon free miners/validators are going to be chosen?

the miners//validators need to be transparent about their energy resources :

For example, when our miners/validators use electricity, it should be produced by renewable energy. That's why we will certify each validator on our infrastructure.

The objective is to avoid doing greenwashing and guarantee an absolute free carbon cryptocurrency. Greenercoin is a peer-to-peer Internet currency that enables instant, near-zero cost payments to anyone in the world.

Greenercoin is not an open source and only people with zero gas emission can mine and contribute to its development. It is a global payment network that is fully decentralized without any central authorities. Mathematics algorithms secures the network and empowers people to control their own finances in their ecosystem. **Greenercoin** has faster transaction confirmation times and improved storage efficiency compared to other blockchains.

The **Greenercoin** blockchain V1 is a POW with a TPS of 140 and is capable of handling higher transaction volume than other blockchains.

Due to more frequent block generation, the network supports more transactions without a need to modify the source code (software) in the future. This coin has a faster confirmation times, while still having ability to wait for more confirmations when selling bigger things.

Our coin has a Wallet that is encrypted for enhanced security. You can view transactions and your account balance, but it is mandatory to enter your password before spending your **Greenercoins**. This provides protection for the blockchain and protection against wallet-stealing viruses and trojans.

Miners are awarded with 1000 new **Greenercoins** per block. We think that it is a good way to award the miners for their devotion, their service and their commitment. And this amount gets halved every 5,000 blocks. The average Greenercoin block takes 30 seconds, faster than other blockchains. In that way, merchant can do transaction very quickly and don't be bothered by the slow process because nowadays transaction with some blockchain are known to be extremely slow.

For the retarget block, difficulty will retarget about every day. The combination of fast retarget times and the proof of work that it used for this coin can assure us a good incentive for zero gas emission miners.

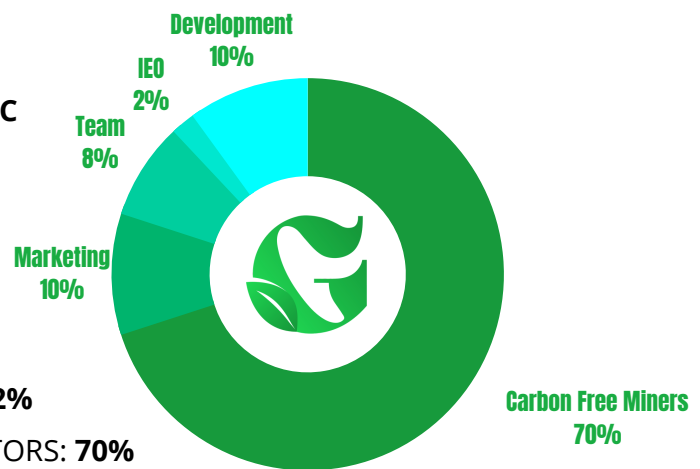
The Greenercoin blockchain V2 is a POA/POS it is A EVM blockchain with a TPS of a few Thousand, This V2 blockchain will be bridge to dapps on various evm to be the most useful for the nft marketplace and the DEX.

The Greenercoin blockchain V3 will be having a new consensus mechanism with changing mechanism and a new way of validating blocks a fast and Scalable blockchain execution

Tokenomics: Cryptocurrency Details

- TICKER: **GNC**
- TOTAL SUPPLY: **50 000 000 GNC**
- TOTAL IEO ALLOCATION: **1 000 000 GNC**
- CRYPTOCURRENCY DISTRIBUTION:

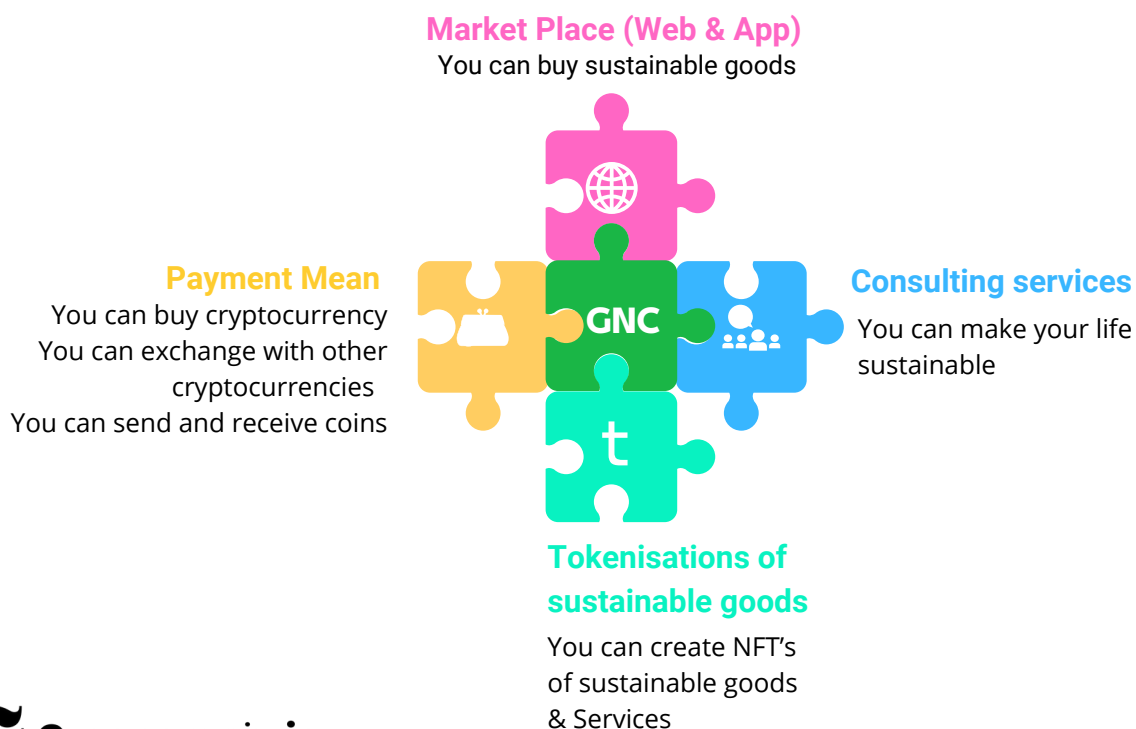
- DEVELOPMENT: **10%**
- MARKETING: **10%**
- TEAM: **8%**
- IEO (Initial Exchange Offering): **2%**
- CARBON FREE MINERS/VALIDATORS: **70%**



- TOKEN LIQUIDITY LOCKING : **90%** of token will be locked at any point of time

Utility of Greenercoin:

Greenercoin has been developed to have its own Marketplace. A marketplace, where you will buy sustainable goods and services in order to make your life more sustainable. And to achieve this goal, every good and every service present in the marketplace has to undergo a review process. Greenercoin can, for instance, help you redesign your home to produce clean energy, buy electric cars and solar panels.



Users:

- Can buy cryptocurrency on the exchange
- Can buy cryptocurrency from the platform directly
- Can send transactions

Platform:

- Can earn service fees
- Can sell cryptocurrency to customers
- Can earn cryptocurrency from transaction fees

Carbon Free Miners:

- Can validate transactions, mine Greenercoin
- Can use cryptocurrency to list products on the platform
- Can use cryptocurrency to promote products on the platform at a discount

The Greenercoin network is therefore scheduled to produce 50 million coins with zero gas emission, that is our aim and our objective, which is roughly 2.4 times as many currency units as Bitcoin.

Our coin is not an open source software but only approved miners and members of the Greenercoin community could run, modify, and copy the software and distribute it to miners that are pre-approved, and they also can modify copies of the software with the approval of the community in a democratic way. We have a decentralized vision of Greenercoin with sustainability and the utmost respect for the environment.

We believe people will see the virtue and the potential of this coin, invest in it as early adopters, and through our eco-friendly vision and will, we will make a huge shift in the cryptocurrency world in an immutable way.

This change is inevitable for the cryptocurrency sake.



5. CRYPTOCURRENCY & BLOCKCHAIN: SECURITY ABOVE ALL



Desintermediation & Trustless exchange

Exchanges between parties without intermediation.
Tend to eliminate counterparty risk



Empowered users

Information and transaction are totally controlled by the users



High quality data

Blockchain data is timely, accurate, consistent, widely available, and complete



Durability, reliability, and longevity

Thanks to the decentralization, malicious attacks are lacking opportunities to exploit weak point



Process integrity

Transaction will be executed without the needs of trusted third party



Transparency and immutability

All transactions are publicly viable, and all transactions are immutable



Ecosystem simplification

All transactions are added to a single public ledger reducing de facto the complication of multiple ledgers



6. HOW THE RAISED FUNDS ARE GOING TO BE USED

Funds raised through the sale of our coin are going to be used to secure and develop the Greenercoin community. These funds are going to be used also for marketing and lobbying, for instance, for car brands that produces electric cars and hydrogen cars. Furthermore the producers of renewable energy are going to be approached in order to make Greenercoin the reference cryptocurrency for renewable energy and sustainable goods.

The main goal of this Cryptocurrency is to be used across the world to purchase eco-friendly and sustainable goods from the simplest things such as purchasing a bike to buying electric and hydrogen cars. The objective is to be the reference cryptocurrency in the sustainable market.

The University of Cambridge has indicated that it is estimated that more than 60% of all cryptocurrency operations are powered through the use of fossil fuels which we, of course, know is non-sustainable and highly damaging to the earth's environment. For us, a sustainable future cannot be through fossil energy.

The green technology and sustainability market size is expected to grow from USD 8.7 billion in 2019 to USD 28.9 billion by 2024, at a Compound Annual Growth Rate (CAGR) of 27.1%.

Therefore, we have potentially a growth of 27% per year that is an expanding market for our cryptocurrency with a high growth.



7. OUR TEAM



Abdelilah Essaih
CEO & Developer



Samir Moreira Antonio
Senior Developer &
Founder



François Géraud
Startup Advisor



Damien Tiberio
Director of Business
Development & Founder



Victor Patheron
Legal Director



Maxime Mirabel
Director of marketing



Pierre Notton
Senior Advisor



Meryam Essaih
Developer



Jean-Christophe Bougnet
Senior frontend
Developer & Founder



8. THE ROADMAP

Greenercoin is better than all of existing cryptocurrencies because we are dealing with the biggest problem which is consuming a huge amount of energy and using non-renewable ones:

we propose a low energy consuming cryptocurrency fully supported by zero carbon miners.

The main purpose for Greenercoin is to become the money that is usable for sustainable goods as well as minable by everyone with zero gas emission in the world. This is a game changer technology which will dramatically increase sustainable market and prosperity for human because it is decentralised and it increases their freedom.

The design of Greenercoin peer-to-peer digital cash can be used anywhere in the world and it is easily scalable. We can build a technical foundation to empower GNC to be the best money in the world.

Having Greenercoin it is not just having a cryptocurrency, it is more than that it, is a statement. This statement means that you want sustainability for you, for your children and for your grandchildren. This statement means also that you want to save humanity, to save earth and to make breathing healthy again and not live in a world where breathing is unhealthy and causes you diseases because of the fog from industry.

Community Engagement

For the Greenercoin there will be a Twitter and many campaigns on other platforms such as Instagram. Greenercoin community will have brainstorming with supporters and crypto enthusiasts to fully use the huge potential of this coin as well as spreading information on Reddit and in bitcointalk forums.

