

Cicero (CCR)
Refugee Charity on the Blockchain

Abstract:

The Cicero Token is a representation of a share in a charity organization that generates profits from an already proven business model, & splits the net profits between holders & charity work. The charity organization aims to pump money into different charity projects all over the world which are focused on helping people who've been misplaced by wars and political conflicts in different locations in the world. Our organization will help refugees receive financial assistance in order to create better futures for themselves and their families, thus making this world a better place. Our main driving force behind this charity project on the blockchain is our belief that helping those who have been hurt by the cruelty of wars is the key to creating a better world. The charity profits are generated by plugging into the Polaris mining farm & investment fund, which are already generating profits from a highly efficient mining farm and a very stable financial trading operation. Cryptocurrency mining is a market that is characterized by its free competitive nature; the Polaris farm has several competitive advantages which insure long term success. On the other hand, the trading part of the business model offers an additional safe risk/reward option which adds to the profitability of the Cicero firm. The Polaris project has enough skin in the game & several advantages which have been creating consistent profits in its existing mining farm and investment fund, and are going to be leveraged in our charity project in order to generate the profits. By buying mining equipment that will be hosted by the Polaris farm, & using 20% of the net monthly profits to consistently increase our mining equipment and trading capital, the Cicero Project has a system that will keep growing exponentially through time, continuously generating bigger profit margins for both the charity work & the holders of the Cicero token (CCR). During the token sale, 50% of the net profit will be used to buy more mining equipment. The remaining 50% from the net profit will be invested in refugee charity work; all the charity information about where all the money goes will be listed in our website for 100% transparency. After the token sale is finished, 50% of the net profit will keep going to charity, while the Cicero Project will be continuously buying and burning CCR tokens using the remaining 50% of the net profit, which is expected to make the holders a lot of profits. The Cicero

Project is making sure there is enough economic incentive for investors to invest in the project, and will leverage that incentive to do a lot of charity works. There will only be 25 million Cicero tokens ever in existence, and all unsold tokens after the token sale will be burned. CCR can be exchanged by people and the Cicero Project will be continuously buying back and burning the tokens from the market using 50% of the net profit of the Cicero farm. This means that the holders will be able to sell their tokens at their preferred asking price back to the Cicero project. Thus, holders will own a very scarce asset that has a by default demand and is becoming more and more scarce with time. CCR is an ERC20 token built on the Ethereum blockchain.

Brief description of the token sale:

The Cicero token is an ERC20 token. It is built on the Ethereum blockchain & follows the ERC20 standards. Each CCR token represents a percentage of ownership in the Cicero mining farm. There will be zero inflation of the token supply once the whole 25 million tokens are in circulation; this means that holding the token represents a fixed percentage of the farm owned by the Cicero token holder. Each CCR holder will have shares that he/she can sell back to the Cicero Project at whatever price he/she chooses once the token sale is finished. The Cicero project will be using 50% of the net profit realized by the farm to buy back all the tokens and burn them. All details are explained in the section Business Model.

Pre-sale: The price of 1 CCR during the pre-sale period is \$0.01 USD.

The main token sale: Will follow the pre-sale, and will start with \$0.02 per CCR, and will increase the price of the tokens offered for sale by \$0.01 after every 5 million CCR sold, until the token sale is finished.

Number of tokens offered for sale	20 million Cicero tokens (CCR)
Number of tokens given as affiliate bonus during the token sale	2 million Cicero Tokens (CCR)
Number of Tokens to ever exist	25 million Cicero Tokens (CCR)
Token Sale duration	15 weeks
Token distribution	20 million will be sold throughout the token sale through the Cicero project website. Each sale will give 10% affiliate commission to the referrer paid in CCR. If the token buyer is not referred by anybody, the 10% commission will go to the charity organization reserve, and will add up to the reserves that will be used to buy more equipment, hence increasing the charity budget and the money that will be spent in the buy-back & burn process after the token sale.
The price of 1 Cicero (CCR) during the token sale	Starting \$0.01 USD
Accepted currencies during token sale	Bitcoin (BTC), Bitcoin Cash (BCH), & Ethereum (ETH)

Pre-sale

Price of Cicero Token on Pre-sale	\$0.01 USD for 1 Cicero Token (CCR)
Duration	5 weeks

Main token sale #1

Price of Cicero Token on main token sale #1	\$0.02 USD
Duration	4 weeks

Main token sale #2

Price of Cicero Token on main token sale #2	\$0.10 USD
Duration	4 weeks

Main token sale #3

Price of Cicero Token on main token sale #3	\$0.20 USD
Duration	4 weeks

Main token sale #4

Price of Cicero Token on main token sale #4	\$0.30 USD
Duration	4 week

At the end of the token sale, all unsold CCR tokens will be burned.

Right after the token sale is finished, the Cicero Project will start the process of buying back & burning all the CCR tokens, using 50% of its net profit.

The burning address can be found in the Cicero official website & can be verified independently by anyone with

100% transparency. Anybody can verify the amounts of CCR that have been burned at each moment in time by checking that address. All the CCR in that address will be fully out of circulation.

Project Overview:

To generate profits, the Cicero Charity organization is leveraging a proven business model that has been generating consistent profits which is the Polaris Project. Our charity organization has strong ties with this project and the logistics of plugging into both their mining farm and their investment fund are very simple. This charity is built on the Ethereum open blockchain, and it is owned by the CCR token holders; the holders will be able to sell their CCR tokens at the prices they prefer to the Cicero Project once the buy-back process starts after the token sale. See Business Model section for details.

The Polaris Project will host the mining equipment purchased by our charity & the capital allocated for the trading which will be taken from the generated profits. Polaris will manage our assets and keep them safe for a small fee. All the profits generated from these assets inside the Polaris firm, after deducting the maintenance fees the retained earnings, will be sent to the charity, which will allocate 50% of that to be spent on well-studied charity work mainly through very reputable humanitarian organizations, and 50% will be allocated to buying back CCR from the market after the token sale. During the token sale, this 50% will be used to buy more equipment to increase the assets of the Cicero project.

The existing mining farm of Polaris will be the hub that will host the mining equipment that generates profits to our charity project. Once the profits from mining start coming, 20% of the profits will constantly be used to increase the value of our assets in the Polaris project. Also, 10% of the net revenue will be continuously allocated to build our investment portfolio in the Polaris fund, which will be traded and managed by their experienced trading team.

This insures two streams of income for both the token holders and the charity work done by our project: cryptocurrency mining, & financial trading. The wholesale trading of the equipment owned by our charity organization will also potentially add more profits which will be an addition to the amounts paid to the holders and the charity work that we perform. The Polaris project has been operating a mining farm as the core of their business model and this has given them enough skin in the game to optimize the profits made from mining. The Polaris mining farm has an advantage when it comes to buying mining equipment through wholesale trades which allows it to buy them at the lowest possible prices on the market. They also have access to a very low electricity price. And they run a profitable trading fund that is backing an online passive income program that is already in existence and has thousands of members.

Since the Polaris mining farm is able to buy equipment at the lowest possible prices on the market, the farm will be engaging in wholesale trades on behalf of our project and will make profits from the difference between the buying and selling prices. These profits, minus a small fee, are part of the revenue of our charity organization; therefore, they will translate as more capital for the charity and after the token sale more capital coming into the CCR market to buy back and burn the CCR tokens.

The mining industry is characterized by its free competitive nature; therefore, the Polaris mining farm will consistently keep doing whatever is necessary to stay in competition and be one of the top mining farms in the world. This means that Polaris will do everything in its power to insure that we have the best equipment on the market with the most optimal efficiency when it comes to maintenance & electricity fees. Our token holders & our charity will be the beneficiaries of such business approach.

The Cicero farm, which will be hosted inside the Polaris farm, will be mining different cryptocurrencies according to a thorough study that will be done on a regular basis. This study takes into account the two factors that affect the profitability of mining a particular coin: Its price, and the difficulty of its

mining network. We will be mining the most profitable cryptocurrencies in order to optimize the revenue from the mining operation, and we will be switching from one coin to another whenever necessary. As the farm has both ASIC equipment and GPU equipment, almost every possible option is available; therefore, it will be allocating the hashing power in the most lucrative way according to the extensive study of which cryptocurrencies are best to mine at each point in time. This task will be performed by the Polaris team on our behalf.

One of the most common concepts in the mining industry is the importance of maintaining a certain level of privacy and secrecy when it comes to disclosing the exact location of the mining farms. This makes perfect sense because when one particular location contains equipment that is worth millions of dollars, that particular location is more likely to be targeted by thieves and bad people than the rest of places. Yet, we want to be open and transparent as much as it is safely possible. This is why the Polaris project plans to implement the option of visiting the mining farm for holders as soon as possible. That way, any of the Cicero token holders, who can prove the ownership of the tokens by sharing the public address & sending a tiny amount from it, will be able book a visit to the Polaris farm through the Polaris website and visit it at a specific time and date of his/her choosing. The Polaris project will also have an online 24/7 broadcast from inside the mining farm in its official website. As a remainder, our mining farm will be hosted by Polaris, who will insure the safety and management of our assets.

Market Overview:

Cryptocurrency mining is a lucrative industry. This concept first started with Bitcoin. The idea behind it is simple: Gold is mined and there is only a fixed amount of Gold that will ever exist, and this is what made Gold the standard of sound money for thousands of years. There is in fact a work made by Gold miners in order to extract the gold and bring it into existence; therefore, Gold represents the effort done by the miners to bring it into existence, and this is why it is able to store value through time and to function as a great form of money. Bitcoin's goal is to have a decentralized asset that can be traded and used as money, and has the characteristics of sound and honest money like Gold. This is why the idea of proof of work came into existence; but instead of doing physical work as gold miners have always been doing, mining Bitcoin needs computational work, which is a process in which a machine does a lot of calculations to solve a mathematical problem, and whenever the machine solves one of these mathematical puzzles, it is rewarded with Bitcoins.

Today, it is possible to mine many different cryptocurrencies other than Bitcoin. But with the industry getting bigger and with the huge capital that has been flowing into the crypto ecosystem throughout the last two to three years, mining has become way more difficult and significantly less lucrative for everyday people. Although it may seem unfair at first sight, this happened mainly because of the free competition that is characterizing this whole ecosystem, which is not in any way a bad thing. Naturally, big capital can create stronger and better mining farms than small capital; also, farms that have access to cheaper electricity have a competitive advantage compared to the ones that pay a lot for it. Moreover, a lot of cryptocurrencies switched in their mining from using easy to find equipment like CPUs and GPUs, to exclusive high performing ships and ASIC equipment (application-specific integrated circuits).

For these reasons, the profit margins of mining cryptocurrency from home have decreased dramatically throughout the recent years, and they are expected to keep decreasing through the foreseeable future. On the other hand, professional mining farms that are full-sized businesses have the power to get bigger and stronger with time, especially with the shifts explained earlier. This explains why throughout 2017 for example, a big number of individual miners have been turning off their home based mining operations, and investing in cloud mining services.

Along with mining, the Polaris trading fund will be the second stream of income for our refugee charity organization. The investment fund run by Polaris is based on a safe trading operation that has been generating profits for more than 5 years by the time of this writing. The investment fund uses different trading strategies and many of them are inspired by proven strategies used by different hedge funds. The Polaris investment fund is open to trading different markets with a special interest in the cryptocurrency markets as the trading team has a great experience in this financial space. Polaris' big involvement in cryptocurrencies through mining is also another factor for this interest in these markets. Our investment portfolio will be built gradually by taking 10 % of the net revenue and putting it in the trading account. This will create another potentially strong stream of income for our project.

Our charity organization on the blockchain is a project that aims to leverage the profits from mining through a reputable mining farm that is in its way to be amongst the biggest in the world, and spend a portion of the net profits to buy back and burn the tokens from the token holders, who are the owners of this organization, while spending the rest of the net profits in serving the cause and helping refugees all over the world to have better lives. This project belongs to the token holders, with a development and management team that makes sure the mining farm, investment portfolio, buy-back amounts, and charity work are running smoothly and exponentially increasing the revenue for both the charity side and the lucrative side.

Basic Terminology:

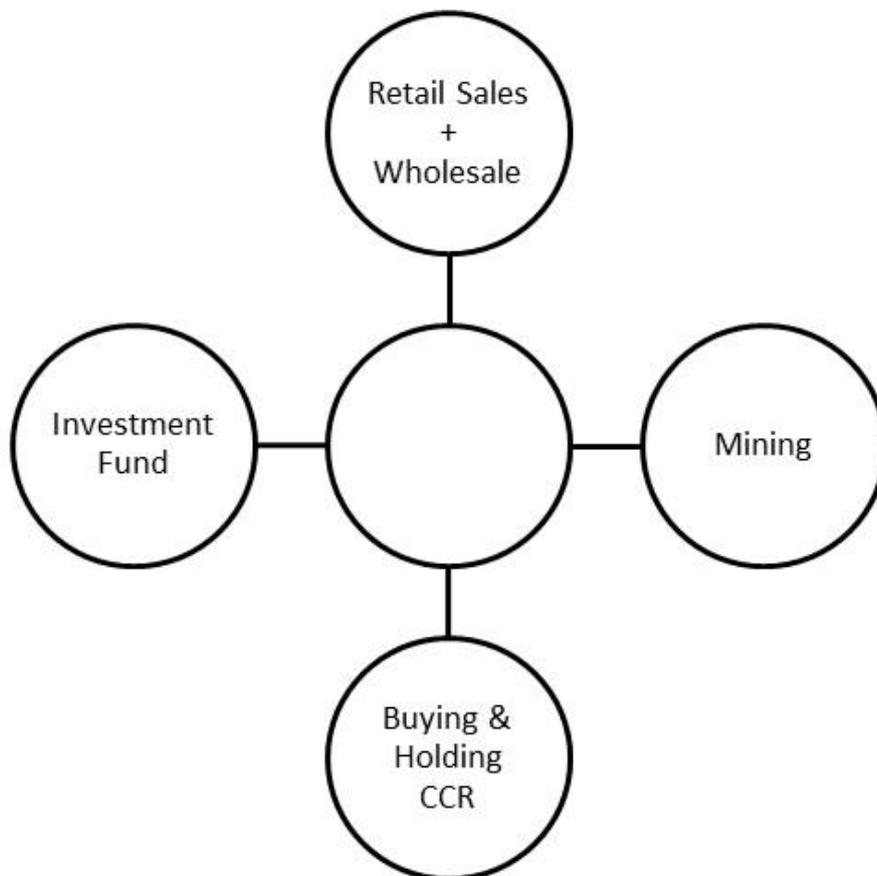
Gross revenue	This is the total amount of money brought in via all the streams of income to our organization before any deductions.
Maintenance fees	This is the money spent to acquire the revenue. In other words, this is the fees paid to the Polaris project, this translates to the hosting fees, electricity, all technical maintenance expenses...etc
Net revenue	This is simply the difference between gross revenue and the maintenance fees. $\text{Net revenue} = \text{Gross Revenue} - \text{Maintenance fees}$. It represents the net revenue generated by our charity organization after deducting maintenance fees.
Retained Earnings	This is the money that is earmarked to grow our profit-generating assets further. The retained earnings will be used to take the project up, which will have a net positive impact on the token holders, the charity budget will keep increasing as well, and the amount set for the buy-back will be continuously increasing. It is set to 20% on all net revenue as a mining repurchase rule, and 10% for growing the trading account.
Net Profit	This is the final profit received by our project after deducting the retained earnings.
Charity	This will be spent in helping refugees. 50% of the Net Profit.

Buy-back	This is the ultimate cash flow to the CCR token holders. 50% of Net Profit. It will be allocated for buying back and burning the CCR tokens.
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Business Model:

Our charity project has the following four streams of income. The four of them will generate profits that will be split between holders and charity work.

The Income Streams



Cryptocurrency mining: This is the basis of the business, and it simply translates to all the coins mined by our farm that is hosted by Polaris, using the ASIC hardware and the GPUs that our project owns.

Investment Portfolio: Once the mining profits start, a 10% of the net revenue of the Cicero firm will be put continuously into the investment portfolio of our project, which will be managed by the trading team of the Polaris fund. We expect potential revenue of 10% or more per month as an average from this portfolio. This will become more and more of a serious income source for both the token holders and the charity budget, as time goes on.

Retail Sales & Wholesale trades: The Polaris project has already been engaging in retail & wholesale trades because it has been able to buy the equipment at the lowest prices on the market and it has been easy to sell the mining equipment at a higher price due to the high demand on them. Once we have a decent amount of mining equipment under our control, the Polaris mining farm will engage in retail & wholesale trades on our behalf which will eventually increase the amounts paid to the token holders and the charity budget in a significant way.

Buying and holding the CCR Token: The token will be bought back and burned by the Cicero Project on a consistent basis as soon as the token sale is finished, which will be using 50% of the net profits. In order to insure that our project will keep getting consistently bigger through time, the organization will be using 20% of the net revenue of each month to either buy new equipment or, as a second option, buy and hold CCR tokens. The goal behind this 20% is to allow the charity to consistently buy more mining equipment to exponentially increase the amounts paid out to the token holders. But since mining equipment is not always available for sale, sometimes the suppliers are out of stock and sometimes it is simply not the best time to buy mining equipment, buying and holding the CCR token is the best way for us to store value and sell them whenever we need to buy mining equipment.

Another reason why buying and holding the token will be a great move for the ecosystem is to keep up with any potential increase in the price of the token, especially since it is foreseeable that the prices can easily skyrocket once the buy-back process starts.

All the funds held in CCR by the Cicero Project will be eventually used for one of the following two reasons: Buying more mining equipment, and holding CCR to sell it at a higher price in the future.

All the money that comes in from the four streams of income of our project is the Gross Revenue. All the money spent to acquire this gross revenue, like hosting fee, expenses of electricity, maintenance, lease...etc. are the Maintenance Fees.

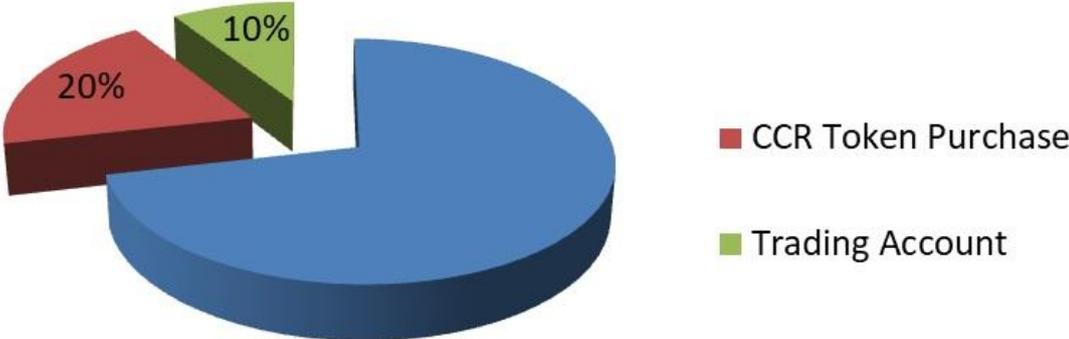
The net revenue of our charity organization is the difference between the gross revenue and the maintenance fees.



Retained Earnings, which are the earnings that are used to keep the project going forwards and getting better and stronger through time:

20% of net revenue goes to the repurchase balance, which might be used for the two following reasons: Buying more equipment, or buying CCR tokens. The latter will be the most chosen option since it allows the project to sell the tokens at a later time. Another 10% of the net revenue will be allocated for the Cicero trading account, and this has the potential to increase the profits of the Cicero Project in a big way. The goal is to keep buying equipment & grow the trading account to consistently increase the revenue.

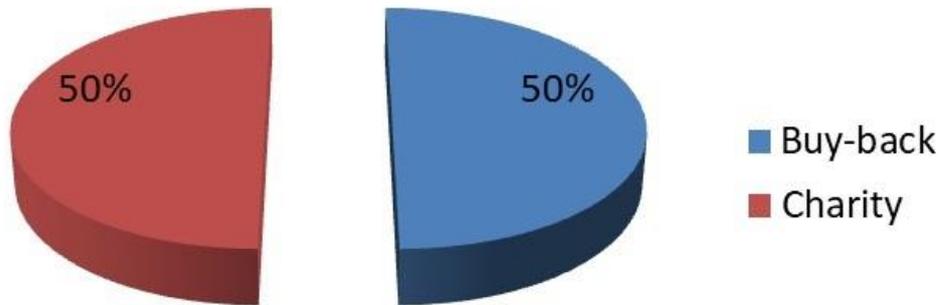
Retained Earnings



50% of the net profit goes to charity works that aim to empower underprivileged refugees and people who have been hurt by wars all over the world. This includes education, housing, financial support for startups...etc

The remaining 50% of the net profit will be allocated to buy CCR back from the market and destroy it, which means holders will be able to sell their tokens at their preferred prices to the Cicero Project which will be constantly buying CCR from the market.

Distribution of The Net Profit



Note: The token sale is going to finish eventually after even if no new investors buy the CCR token. After the token sale is done, all unsold CCR tokens will be destroyed by the Cicero project. This means that this is a self-sustainable ecosystem in itself and it doesn't need demand from the external market to be able to generate huge amounts of profits for both the holders and the charity side.

Economics of the CCR Token

The first thing that must be mentioned is the fact that the CCR token is a representation of a share in our charity organization that is backed by mining & trading. And this allows the token holders to sell their tokens back at whatever prices they choose to the Cicero project. The supply of the token is limited, with only 25 million CCR tokens that will ever be in circulation and a 0% inflation rate. This number will be less than 25 million CCR if there are unsold tokens after the token sale. All unsold tokens will be immediately burned. Once the 25 million tokens are fully deployed by the end of the token sale, the Cicero Project will start buying CCR back from the market and burning it. Which means holders can set their preferred prices and sell their tokens at the prices they chose. This means that no matter how big our farm & portfolio get, if you own 250,000 tokens, for instance, it will mean that you actually own 1% of the project; therefore, you'll have the opportunity to sell your 1% share, or some of it, whenever you want at whatever price you prefer as there will be an inherent demand in the market created by the buy-back process.

Holders are incentivized to keep holding the CCR token, since it represents a scarce asset that has a sure ever-growing demand once the buy-back process starts. The organic demand is expected to increase with time due to the unique possibility of receiving mining & trading profits that the CCR token offers, in addition to serving a genuine cause through the charity side. As this is happening, if the majority of holders are not willing to sell their tokens, then the price will keep going up. And as long as the project is buying back CCR at high prices making the holders who are willing to sell satisfied, and as long as it is expanding the mining farm & investment portfolio by buying more equipment and increasing the size of the trading account as explained in the business model, then there is a big potential that the price of the token will have a strong

bullish momentum, making it a great store of value as well as a valuable scarce asset that has real demand.

50% of the net profits in different cryptocurrencies that are mined through the month, along with the other streams of income, will be used to buy back the token. Furthermore, 20% of the net revenue of the farm will also be used to buy the token, as explained in the Business Model section. This might have the potential of further increasing the demand & pushing the price higher.

The profits come from a proven business model based on cryptocurrency mining which has already been used by the Polaris project, along with the three other sources of income. Furthermore, our farm, being hosted by the Polaris farm, has enough competitive advantage on the market which will allow it to always be in profit. The increase in price is not a goal for the Cicero project, but it is an eventuality especially once the buy-back process starts.

The token has enough strong fundamentals which give it the potential to be a great store of value, while in the same time making the holders a lot of profits consistently with the buy-back and burn process.

The Smart Contract

The CCR token is an Ethereum Token. It complies with the ERC20 Standard which refers to the most widely used and trusted application programming interface for tokens and smart contracts today.

The Smart Contract features:

Transparency:

All information about the quantity of tokens and the addresses that hold them is public.

All information about transfers is public and can be tracked in real time.

There will be only 25 million CCR tokens in existence. Nobody can increase that number, not even the creators of the smart contract.

Ownership:

Each token belongs to only one user/owner. There is no joint ownership of the tokens.

Security of ownership: Tokens can be transferred from a user to another only when the sender decides to do so.

Each token exists in a private key that can be known by the holder of the token only. Nobody will be able to access and trade held tokens except the owner of the private key.

Privacy:

Anybody can own the token with no need for KYC or any disclosure of any personal information.

Important notes:

The token can be held in all wallets that support ERC20 tokens. By the time of writing, MyEtherWallet, MetaMask, and imToken are three of the most popular wallets that allow users to privately and securely hold their ERC20 tokens. Tutorials on how to use these wallets to store our token are available in our website.

Being a smart contract built on the Ethereum blockchain, our token can be traded in decentralized exchanges such as EtherDelta, Idex, ForkDelta...etc right away. The management team behind the project will add the smart contract to EtherDelta and the others once all the programming work is finished, and the token will have the full possibility to be traded on EtherDelta from the very first day. With that said, it is expected that more and more decentralized exchanges will come into existence and adding a smart contract to a decentralized exchange can be done by anybody, anywhere, anytime. As for the centralized & traditional fiat currency exchanges, CCR is expected to hit them as soon as it has enough trading volume, which will incentivize these exchanges to list it.

Roadmap

The whole project will be fully functional right after the end of the token sale. This means that all the token holders after the token sale will be able to sell their CCR back to the Cicero Project. The business model used by our project is a proven model that has been previously used successfully by the Polaris project. And using the ERC20 standard will insure a smooth running of the smart contract and a solid foundation for the buy-back & burn system that the CCR token represents. In the meantime, thousands if not millions of war refugees all over the world will benefit from our charity. All information about the charity work will be listed in our website. Our project is 50% a charity and 50% a business; it relies on creating economic incentives while helping refugees everywhere in this world to have a better life. Our goals are clear and we are heading towards them.

Following Polaris' overall goal to be completely independent, we expect Polaris to soon have their own decentralized or centralized exchange, or both, which is going to allow traders to trade CCR against different cryptocurrencies & eventually fiat currencies as well. The goal is to be completely independent and self-sufficient as an ecosystem. These two exchanges, or at least one of them, are expected to be fully functional before the end of Q3 of 2018.