



CryptoCoinPay

Revolutionary digital currency payment method

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Preface

The purpose of this white book is to provide the core concept, business model, competitive advantage, team, token issuing information, and our development route for creating the most compact and available products for the CryptoCoinPay online payment project. We will also give a more technical description of the core architecture and application programming interface (API) later.

CryptoCoinPay started with a simple idea, which stems from the shortcomings of existing encrypted payment products and our desire to build a better platform. After all kinds of condensing the initial concept, to the formation of a complete plan, we continue to gather like-minded partners to form our initial team. In the process, we found enthusiastic partners and mentors who invested in the CryptoCoinPay project and helped us improve our vision and market plan. Now, we are moving towards the initial stage of the token issuance, thank all those who support us, we will continue to work hard in the future.

This version of the white paper has been released on February 26, 2021. We recommend that you continue to pay attention to our website and other media platforms to obtain the latest information and developments.

Abstract

CryptoCoinPay is a revolutionary payment platform where buyers can use their favorite cryptocurrency for transactions (private or commercial) on CryptoCoinPay. As a reliable intermediary platform, we not only provide sellers with safe and convenient legal currency collection channels, but also provide buyers with the best consumer services. We use blockchain to pioneer the combination of the best payment protection functions on the market today, and incorporate the unique characteristics of our CCP token.

CryptoCoinPay aims to provide buyers with the necessary consumer protection for online transactions, becoming an intermediary platform, a contradictory mediator, by providing refund services to reduce fraud and protect merchants from the negative impact of cryptocurrency market fluctuations. We hope to further optimize the advantages of cryptocurrency, such as fast transactions, low cost and low cross-border transaction resistance, allowing merchants to trade with the growing number of cryptocurrency holders from all over the world. In short, our goal is to create a comprehensive payment application programming interface (API) for the market and have the ability to become a competitor of PayPal in the crypto payment industry.

The above features will make CryptoCoinPay a powerful product, which not only opens a precedent in the field of encrypted payment, but also only requires the support of venture capital. However, we do not intend to stop there. Through the initial coin offering (ICO) and the issuance of CryptoCoinPay's own tokens on the CryptoCoinPay platform, we want everyone to become a sponsor. Essentially, CCP tokens will be shares contributed by our sponsors. As a transaction token, buyers can use it with other mainstream currencies on CryptoCoinPay. It is also our strategic value coupling mechanism, which closely connects CCP tokens with the value of the CryptoCoinPay platform.

This is an ambitious attempt. The goal is to build a comprehensive software platform from scratch, and at the same time bring substantial returns to our supporters and traders through token appreciation, and promote the future development of CryptoCoinPay through transactions on the platform. We believe that the future of cryptocurrency is not limited to speculative trading, and will eventually become the consumer's choice of payment. This is a disruptive change that can change the way merchants and buyers use cryptocurrency. We believe that the only missing link is a trustworthy intermediary platform like CryptoCoinPay.

We expect that the token issuance will be officially launched at 22:00 on February 26, 2021 China time to reach a total of \$580 million. These resources will push us to use cryptocurrency to subvert the current online payment activities, support us to achieve the most compact available products, and help CryptoCoinPay in marketing operations, business incentives and team expansion. Our current achievements are attributed to the continuous efforts of a diverse and highly skilled team, following our ambitious development path. At this stage, we need your support, and we will never disappoint your trust in the future.

Vision

We believe that one of the key functions of cryptocurrency in the digital age is to facilitate transactions, and it is widely accepted as a frictionless and secure payment method. We believe that the previous payment platform lacks the necessary functions to drive the adoption and use of a large number of merchants and consumers. Digital tokens are not only an asset for financial investment. The issuance of these tokens can provide funding for flexible product development teams to build innovative and valuable platforms. It will be driven by the increase in goods and services, and can rely on fair fee income to maintain operations.

Challenge

Despite the rapid development of blockchain technology, the use of digital payments by buyers and sellers in physical businesses is still an untapped area. This is a very broad industry, with more application programming interfaces (APIs) and agreements with traditional financial institutions, banks and credit cards. Although encrypted payment has great advantages (very low fees, high speed and low entry barriers), buyers not only enjoy, but also look forward to a strong consumer protection system that protects their consumption and provides refunds when necessary payment. On the other hand, sellers want more revenue, but the market fluctuation of cryptocurrency makes them cautious. If we can achieve the best of both worlds, wouldn't it be great? This is the mutual trust problem we hope to solve through the CryptoCoinPay platform.

Solution

Our goal is to establish a next-generation payment channel, allowing customers to use their favorite cryptocurrency to purchase products and services with peace of mind. This also includes a comprehensive consumer protection and dispute resolution solution similar to Pay-Pal. We provide merchants with a channel to receive fiat currency directly from consumers who use cryptocurrency, and protect merchants from market fluctuations, reduce their risk of accepting cryptocurrency, and promote merchants to accept our application programming interface. (API).

Blockchain, ICO, and the future of payments

"Most retailers still do not accept Bitcoin as payment. This is too unreasonable!"—Jonathan Johnson, President of Medici Ventures, July 17, 2017

With the development of the blockchain industry approaching the end of the initial stage, many key technology foundations are mature enough to create reliable consumer-oriented products for a larger customer base. Many people are wondering what the next bright spot and disruptive change of financial technology is, and where we are going. Just like any new technology, blockchain is driving changes in many traditional business areas, forcing existing companies to adjust their traditional business models. As new products redefine our views on money, transactions, value and trust, banking, insurance, equity trading, venture capital, logistics, and management will be affected. Early bitcoin transactions on private platforms have now evolved into application platform transactions that can be run through smart contracts. We have come a long way, but this is only the next stage—currency digitization. According to market analysts, the cryptocurrency market is expected to reach USD 5 trillion in 2025. We believe that it is time to break the inherent thinking and use the initial token issuance to build a platform with tangible value and aspirations to subvert the tradition, instead of treating tokens as a speculative investment platform. According to the situation of ICOs in the second quarter of 2021, although more than 300 million US dollars of funds have been raised so far, this only accounts for a small part of the total venture capital funds around the world.

We believe that this accelerated upward trend will continue. In future growth, ICOs will use the established protocol layer to create a next-generation business ecosystem supported by the token economy. The key agreement foundation established so far can create a better, faster, and more scalable online payment channel. This is a platform that can pay for goods and services, is not restricted by the traditional payment processor of credit cards, and provides more platforms than other cryptocurrency trading platforms. We believe that the payment field is one of the key uses for creating value for cryptocurrencies, enabling them to grow stronger in the future. The CryptoCoinPay platform can create value for its three main stakeholders: buyers, merchants and sponsors.

For buyers, our goal is to minimize the risk of buyers encountering fraud. As an intermediary platform for all transactions, we hope to provide full protection for payments and purchases. Compared with other transaction systems, we will minimize the service fees of all transactions to become the buyer's choice. This development will provide cryptocurrency users with more consumption channels to set different purchase and sale prices and create markets of different sizes.

For merchants, our goal is to expand their customer base and sales revenue by opening up more cryptocurrency users. This untapped user market has accumulated a large amount of assets, and these assets are still increasing in valuation, because limited channels can encourage users to consume. By helping merchants to receive fiat currencies, we can resolve their main

grievances—accepting cryptocurrencies in a highly turbulent market, effectively protecting merchants from crypto fluctuations, and ensuring the amount of money received in merchant transactions. In addition, we will also reduce the usual risks brought about by traditional payment methods, and eliminate the possibility of refunds and credit card fraud.

For sponsors, our goal is to enable them to provide funding opportunities for a platform with real value in the business model, not just speculative speculation. CCP tokens will not only be useful on the CryptoCoinPay platform, but will also be used as a universal token together with other cryptocurrencies to allow contributors to enjoy the benefits of fee-free, and cooperate with the platform when strategic value is coupled. Whenever a buyer uses cryptocurrency to make a payment on the CryptoCoinPay payment platform, a small part of the transaction fee will be removed and destroyed in the form of CCP tokens. This reduces the supply of CCP tokens, further increases the demand for tokens, the value of sponsors, and promotes the adoption of the platform. In essence, the larger the transaction volume of the CryptoCoinPay platform, the higher the potential value of the sponsor's CCP tokens in the future.

Platforms and tokens

CryptoCoinPay payment platform

The CryptoCoinPay platform is a payment processing platform. Enables merchants to receive a variety of different cryptocurrencies from buyers and receive fiat currencies. Our goal is to make CryptoCoinPay the best, innovative and unique payment project in the market. • Reduce risks for buyers and sellers and provide consumer protection

- Buyers can use their favorite cryptocurrency to make payments; sellers receive fiat currency
- Use the platform's unique and designated tokens to reduce the transaction fees of the token exchange system

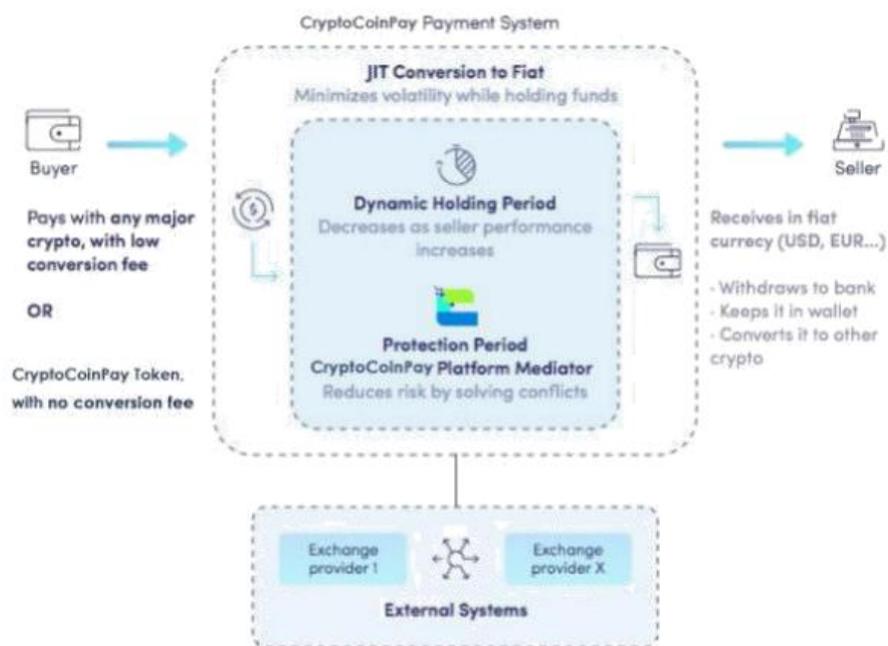


Chart 3: The concept of trading

Essentially, CryptoCoinPay will be a transaction payment application programming interface that combines the speed and security of encrypted payment with the consumer protection of traditional payment systems, as well as the non-fraud features of encrypted payment (no stolen credit cards, Refund or stolen account). It will be a payment protection system designed for an intermediary mechanism to authorize buyers to initiate disputes in the event of any errors. We provide a secure chat environment for both parties, enabling both parties to engage in dialogue and self-mediation.

The mediation conducted by the operator of CryptoCoinPay can ensure that both parties reach a consensus (refund or transfer) in a fair manner and under the coordination of a third party. Our value lies in:

Buyer protection—the amount paid by the buyer will not be transferred to the merchant until the platform intermediary confirms it. CryptoCoinPay handles conflicts, reduces risks, protects consumers, and ensures that buyers get a refund if there is a problem with the purchase.

Volatility protection—we provide a transparent preview of interest rate conversion. The conversion from cryptocurrency to legal currency is carried out through JIT (Just In Time) at the best exchange rate in the market, and is added to the total pool. By locking this amount and storing it after the conversion, we guarantee that the seller will get the specific amount he requested and will not be affected by fluctuations in the crypto market.

Lower fees—we provide sellers with lower fees than other e-commerce platforms—1% of the transaction amount. Through intelligent analysis and contacting multiple transaction providers, we ensure that buyers only pay the minimum transaction fees when making payments.

How can buyers and sellers use this platform? It's actually very simple, let's take a look at the typical user interaction process of this platform:

- The merchant first signs the price according to the local currency exchange rate and sells the item on the market. The market will provide potential buyers with various payment options including CryptoCoinPay.
- Merchants want to attract as many young buyers as possible, so they will provide CryptoCoinPay as an important payment option. Buyers can choose CryptoCoinPay and enjoy the best protection of this platform.
- The buyer saw the item on the market and thought it was a good price



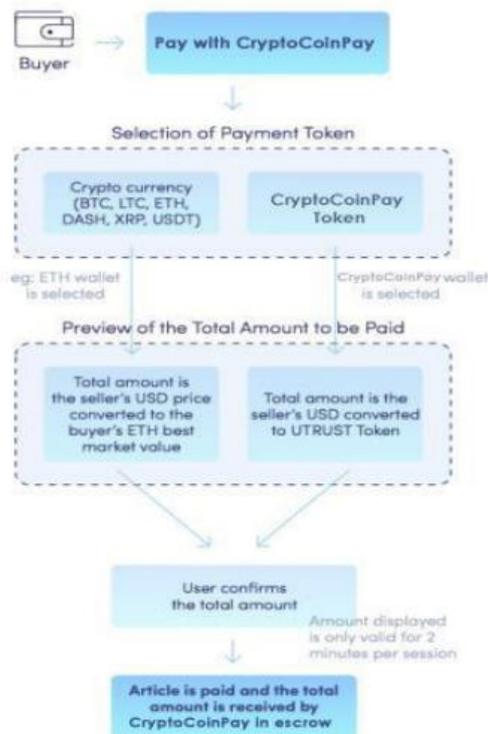
- When a buyer chooses CryptoCoinPay as a payment method, he can choose to use any funds in his existing cryptocurrency wallet (such as Bitcoin, Ethereum, etc.) or CryptoCoinPay funds to pay. If he has not created a CryptoCoinPay account, he can create it immediately or pay directly.

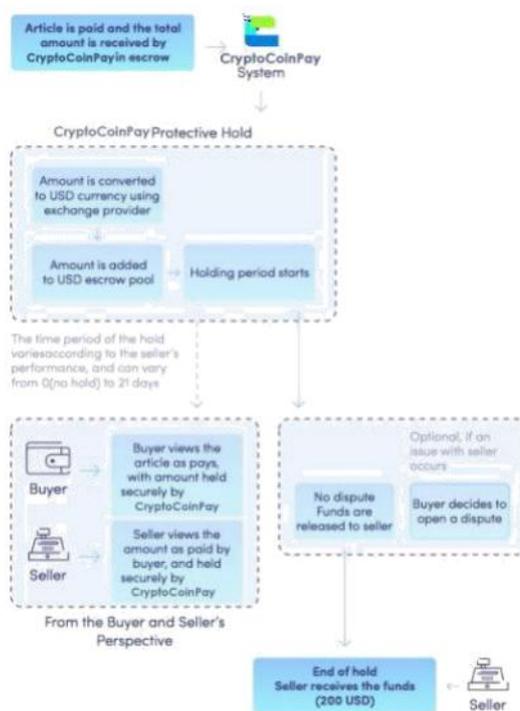
- The total payment amount includes one percent commission and conversion fee (cryptocurrency to legal currency exchange rate conversion). A detail about the total payment amount will be presented to the buyer, the detail is open and transparent, and will be updated every 2 minutes.

- After the buyer completes the transaction, the payment will be handed over to the CryptoCoinPay system for exchange and escrow.

The CryptoCoinPay system will convert the cryptocurrency exchange rate to the legal currency exchange rate and escrow it until it is released to the seller. The specific time of this holding period varies according to the past performance of the merchant.

- The merchant will receive a notification that the buyer has paid and that the payment is waiting to be released. If the merchant has a good reputation and has a high rating, the funds will be released immediately; if the merchant is a novice on this platform and does not have any transaction records, the release of the funds may take several days. As the merchant completes more successful transactions, his rating will increase and the transfer time will gradually decrease.





- If all goes well, the buyer will receive the item, the seller will receive the payment, and no dispute will be submitted. Merchants can improve their ratings through customer satisfaction and successful transactions.

Buyer decides to open a dispute

Dispute Mode (self-resolution mode)

The self-resolution mode offers an opportunity for both parties to resolve the conflict without further escalation.



Seller



Buyer

Buyer and seller enter the 2-party chat resolution mechanism

No friendly resolution is obtained

A friendly resolution is obtained



Buyer

Buyer escalates the dispute



Seller

End of hold
Seller receives the funds (200 USD)

Dispute Mode (escalation to mediator)

In the 3-party resolution mode, the CryptoCoinFay mediator acts as a conflict mediator between both parties ensuring a fair resolution scenario.

Buyer and seller enter the 3-party chat resolution mechanism with an CryptoCoinFay mediator



Buyer



CryptoCoinFay Mediator



Seller

The mediator decides in favor of buyer, gets refunded.

The mediator decides in favor of seller, who gets the funds released.

A 25% resolution escalation fee is incurred by the buyer

End of hold
Buyer receives a refund

End of hold
Seller receives funds (200 USD)

Seller's rating is downgraded

Buyer's rating is downgraded

- But suppose something went wrong, for example, the buyer did not receive the item due to the wrong harvest address, and he decided to submit a dispute, and the problem escalated. At this stage, the two parties will conduct a self-resolution chat mechanism and try to reach an agreement in a friendly way. This may mean that the merchant must admit the shipping error and voluntarily refund to solve the problem, or the buyer admits that the goods are still successfully received under many variables.
- If the two parties fail to reach an agreement within 7 days, the buyer has the right to escalate the claim and submit it to the mediator. In this case, a CryptoCoinPay operator will add to the dispute resolution chat mechanism, and decide the final result as the mediator and arbitrator. If the operator of CryptoCoinPay finally refunds the buyer, the escalation of the problem will incur a fee of 2% of the holding equivalent.
- From now on, the CryptoCoinPay mediator will have full control over the negotiation process, collect information from both parties, and finally choose to refund the buyer or release the payment that the buyer has paid to the merchant. If a merchant is sentenced to refund due to fraud and fraud, the rating will be immediately downgraded, resulting in a longer holding period in future transactions. Any refund received by the buyer will be CCP tokens converted from legal tender to the current market value.

CCP token

Token

You can use CCP tokens on the platform and use it for merchants that support CryptoCoinPay or private trading transactions. You can also sell tokens in transactions privately or save them for later use. The key difference between CryptoCoinPay and other tokens is the business model behind it—the payment system behind it allows you to use it and consume independently. This is a platform that has synergy with tokens. In addition, the use of CCP tokens on payment platforms has additional benefits, which can in turn stimulate the economic growth of their platforms.

Value and strategy

How is this strategic value coupling realized? Whenever a buyer pays any cryptocurrency through the CryptoCoinPay payment platform, part of the transaction fee will be used to buy back tokens and remove them from the market. These withdrawn tokens will be destroyed, reducing the supply of CCP tokens, driving demand, encouraging the adoption of the platform, and increasing its value to sponsors. The higher the number of transactions on the CryptoCoinPay platform, the higher the potential market value of the token. Since part of the transaction fee will be taken out of the pool of each market transaction, according to the built-in adjustment of the internal

self-regulation mechanism, the higher the usage rate of the CryptoCoinPay platform (using any cryptocurrency), the more CryptoCoinPay can appreciate. If a contributor decides to hold CCP tokens for a long time, although the tokens will fluctuate to the trading market, a protective layer called the "internal deflation engine" will link it to a sustainable development platform. Therefore, CryptoCoinPay is not only the most secure and reliable payment platform, but its tokens are gradually increasing in value and effective.

The number of CCP tokens is expected to decrease at a rate of no more than 50 million per year, from the initial 580 million to the minimum limit of 100 million. The dynamic adjustment of the fee rate will be managed by the analysis engine of the CryptoCoinPay platform, aiming to balance the supply and demand of tokens and at the same time encourage more transactions.

Implement the use of tokens

The CCP token will be implemented as an ERC20 compatible token on the Ethereum blockchain, and Ethereum is the best choice for this project because it is widely adopted. And there are industry standards for blockchain in the release of digital assets. The compatibility of CCP tokens with the ERC20 standard takes advantage of the existing infrastructure advantages of the Ethereum-based system, namely development tools, wallets, transactions, and human resources expertise. Writing smart contracts in a complete Turing machine language can build a robust foundation and realize the basis of cryptocurrency.

Explore the perfect fit between the product and the market

In order to better understand the insufficiency of the electronic payment market, we first collected data on user experience from the encrypted currency payment system and identified a major problem. Then, we carefully studied the existing solutions (including encrypted payment and traditional legal payment), comparing their main characteristics and focusing on the top competitors in the market. After analysis, we found that the previous encrypted payment solution lacked the protection functions that users expected when using traditional payment methods, and could not provide merchants and buyers with protection in transactions and conflict resolution. . On the other hand, the disadvantage of the traditional payment method that cannot be avoided is the high fraud rate. It is even more difficult for merchants to refuse payment when buyers use credit cards. By comparing CryptoCoinPay with the top competitors in the traditional and crypto industry, we have summarized the research results into the following comparison picture:

1. Lower purchase risk—Our protection covers all transactions (including goods and most services).

PayPal (and other traditional electronic payment services are only suitable for purchasing physical goods. BitPay and other encrypted payment services provide no protection for buyers.

2. Payment approval speed – In most cases, traditional payment systems delay payment approval due to the high possibility of fraud and require the submission of innumerable files. However, we can approve the payment immediately and make the two-way (buyer and seller) experience smooth and easy without a laborious process.

3. Low transaction fees—We use advanced analysis that connects multiple cryptocurrency exchange providers to provide buyers and sellers with low transaction fees, while services such as PayPal and BitPay provide extremely high internal exchange rates.

4. Low seller fees—We only charge 1% of the payments received by sellers, and 2.9% for other services such as PayPal. This figure can even soar to more than 5% after adding various hidden fees.

5. Accept a variety of cryptocurrencies—We accept the most commonly used cryptocurrencies in the market (white currency, Ethereum, Litecoin, Litecoin, etc.), which account for a larger percentage of the total market value. Other services such as Bitcoin applications only accept Bitcoin, so their market is limited to half of the total market value. As more tokens are created and added to the market, the percentage they capture will only shrink further.

6. Asset security—use the power of the blockchain to bid farewell to credit card fraud. You have absolute control over your private keys and credentials, even we have no right to access your wallet. Traditional centralized solutions have a poor track record in ensuring the safety of funds.

7. Do not accept payment refusal—Credit card fraud and malicious chargebacks are common phenomena in traditional payment services that rely on credit cards, and sellers can avoid such troubles when using CryptoCoinPay.

8. Customer payment protection — Well-known services such as PayPal mainly rely on its buyer/seller protection plan. However, this protection plan only covers the purchase of physical goods. Bitpay has no guarantee for purchases, making the transaction irreversible, making users vulnerable to fraud. CryptoCoinPay extends consumer protection to cover virtual (if applicable) and physical shopping. We will ensure that all legal payments made through CryptoCoinPay are fully guaranteed.

9. Effectively resolve disputes – Traditional solutions such as PayPal take several months to collect evidence independently, making dispute resolution a slow and painful process. The dispute resolution model we provide includes a self-mediation mechanism involving two parties, and an advanced three-party dispute mediation mechanism, whose function is to allow both parties to have a real-time dialogue under the guidance of a mediator. We enable you to resolve conflicts quickly and easily.

10. Seller rating—The rating analysis algorithm we implemented will be used to evaluate the seller's performance. As long as the seller's performance grows, the fund holding period will be reduced accordingly. This mechanism establishes an environment that encourages high credit, encourages sellers to perform better in the long term, and increases buyers' trust. In the best case, sellers with high ratings will not need a holding period and can obtain funds immediately.

11. Decentralized tokens are linked to platform value – CryptoCoinPay is not just a payment platform. We will issue our own cryptocurrency – CCP tokens. You can buy/sell/send/receive your tokens on the platform and convert them into legal tokens, other encrypted tokens or keep them securely in your wallet so that its value corresponds to the value of the platform to grow.

Transactions using CCP tokens will be converted internally, which has the advantage of no exchange fees.

Timetable and important milestones

Token Financing (ICO) details



The pre-sale period will target 0.2 USD (20 cents) per token, and the total token pool will be allocated at 5%. Subsequently, the ICO will allocate 70% of the total token pool for financing, and the unit price of each token will be fixed at 0.065 US dollars (6.5 cents of US dollars). As for the remaining 15% of the tokens, 10% will be retained by CryptoCoinPay and will be diluted at a rate of 2% in the next 5 years to support the future shift of the project. The final 5% will be allocated to marketing expenses and rewards. The numerical value and percentage distribution are further explained in the following table.

	百分比	单价/代币	发行代币总数	总值
私人回合	10%	\$0.02	100,000,000	\$2,000,000
预售回合	5%	\$0.03	50,000,000	\$1,500,000
首次代币发行回合 (单)	70%	\$0.065	700,000,000	\$45,500,000
总额	85%			

The pre-sale round will be used to predict the public's interest in this project and to further obtain community feedback. At the same time, this round will provide loyal participants with the opportunity to join before the complete ICO round. The initial token issuance lasts for up to 7 days, and the issuance will stop when the tokens are sold out. During the issuance round, tokens are distributed on a first-come, first-served basis. In each round, we will only manufacture

and issue tokens that are sold. For example, if only 50% of the tokens are sold within 7 days, then only 500 million tokens will be produced, reducing the total token pool from 1 billion to 500 million. Regarding the token distribution timeline, we plan to issue CCP tokens to all sponsors within two weeks after the first token issuance is closed, but this may be slightly delayed due to laws, certification or regulatory compliance. If you want to learn more about the token sale, please refer to the FAQ page on our website. After the initial token issuance, 51% of the total value of funds will be allocated to minimize viable products, research and development processes, and individuals. The goal is to develop integrated application program interfaces, client wallet front-ends, and dispute resolution mechanisms that can be used in the commercial market. rear end. Approximately one-quarter of the funds will be used for marketing to promote platform adoption and integration with third-party websites. The remaining funds will be used for operations, management and partner participation and legal expenses. This is the current expected allocation and may be adjusted as the project develops.

Law and compliance

The sales of CCP tokens represent the obligation of the current and future teams to realize their vision when performing tasks. CCP tokens will not grant any equity or profit sharing. Regardless of whether it is now or in the future, tokens are not the ownership of the CryptoCoinPay platform's dynamic system, receipts, or intellectual property rights. Although the CryptoCoinPay team does its best to promote this project, all contributors should be aware that the project is at risk of failure at any stage of development, and their contributions cannot be refunded. This implicit risk is related to the uncertainty of entrepreneurial projects that support cutting-edge technology, and may be affected by internal or external factors outside the team's control. At the same time, contributions may also be affected by any applicable laws and regulations (including "know your customer" KYC procedures and other applicable regulations). CCP tokens can be used on the CryptoCoinPay platform, and it also has equivalent practical value in the ecosystem. From the perspective of the law, we believe that CCP tokens cannot be regarded as securities, and the legal structure of the CryptoCoinPay entity does not provide support for equity shares. But as a precautionary measure, we did not accept financial aid from citizens of China, Singapore, and the United States. CCP tokens will not grant any redemption rights.

development plan

After the concept phase and the token launch round are closed, our team will prepare a detailed roadmap for the phased development of the platform. Our current goal is to prepare the trading application program interface platform for merchants to test it in the first quarter of 2021. This platform is supported by a wallet application, where buyers and merchants can view their balances, transaction history and intervening solutions case. The back-end interface of the back-end interface mediator will supplement the platform

on the existing basis and will be gradually launched in the second quarter of 2021. The first trial run will use a series of carefully selected merchants, which will be gradually expanded and improved in the third quarter of 2022.



Contributor

Safety

In view of the recent theft of the first token issuance, the company's new system will circulate currency between multiple addresses, and if circumstances permit, convert a certain amount of non-issued tokens into legal tender to avoid recurrence of theft.

Protect

The contribution to the CCP token is the contribution to the CryptoCoinPay platform. The company's deflationary mechanism not only creates intrinsic value, but also creates a relationship between platform growth and token value. The goal is to restrain the impact of early token launches, and avoid the first coin deposits that were heavily demanded in the first few months from being

razed to the ground, bringing the value to nearly zero.

Consultation and information disclosure

The company's business strategy includes regular contact with contributors through mailing lists and/or newsletters to keep contributors informed of the latest developments and current status of sales, customers and revenue. Its purpose is to receive feedback from contributors and release the latest updates.