

The image features a white background with decorative elements consisting of several overlapping squares in light blue and light grey. These squares are arranged in a grid-like pattern, with some squares being larger than others, creating a modern, geometric aesthetic. The squares are positioned in the top-left and bottom-right corners of the page.

#PLCULTIMA

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1. Introduction

The cryptocurrency market is paving the way for a better future. The blockchain technology that lies at the foundation of digital assets has been implemented in numerous projects in various fields. With this technology, we have been able to improve various industries and services, reaching a new era of prosperity and development.

Bitcoin is not only the prototype of all cryptocurrencies, but also the real driving force behind the entire crypto market. PLC Ultima's goal is not to copy the leading cryptocurrency or compete with it, but to create a new market centered around the creation and education of a community that can use cryptocurrency in business and everyday life.

PLC Ultima Coin (PLCU) must be simple and user-friendly. To achieve this, we want to start by resolving the issues and shortcomings exhibited by Bitcoin and other coins. These gaps will be filled by the PLCU coin and the PLC cryptosystem, as well as by the development and implementation of new technologies.

Our philosophy is similar to Red Bull's strategy: instead of competing with Coca-Cola for first place in the beverage market, they created their own market for energy drinks, where they took the lead. Our goal is to become a mass-market cryptocurrency with the world's largest user base.

PLC Ultima (PLCU) is suitable for use as an everyday means of payment. Today some market players already offer the option of paying for goods and services with Bitcoins, but this cryptocurrency is mostly used as a marketing tool rather than a real payment method. More than 90% of all Bitcoin transactions are used for market speculation. PLCU was created to facilitate the emergence of a real economy in the crypto-world, offering mass users without access to the financial market what they can't get from other cryptocurrencies: access to cheap financial instruments and the financial market at large. Fast transaction speed, excellent scalability, and easy implementation into the business will all contribute to reaching this goal. PLCU is already working with partners and creating its own comprehensive payment mechanisms, such as debit cards, payment terminals, trading platforms, etc.

Additionally, the goal of PLC Ultima is to help improve the standard of living of people around the world. This is especially true for people living in developing countries who don't even have a bank account. We have developed our coin minting technology to raise the general standard of living. This program makes it easy for almost anyone to produce PLCU Coins on their own. The future lies in innovative progress and improved technology. PLC Ultima is the ultimate method of expanding the global cryptocurrency community, introducing new and better products, and creating a shared hope for the entire crypto market to leave behind complex outdated solutions like mining, turning the world towards the profitable and easy use of cryptocurrencies in everyday life and business.

2. Market analysis

2.1. Overview of the cryptocurrency market and forecast of its development until 2024

A CoinGecko survey shows that crypto market capitalization exceeded 2.6 trillion US dollars for the first time in mid-October 2021. Today, this indicator has dropped to 2.5 trillion USD. According to CoinMarketCap, the total market capitalization of cryptocurrencies has nearly tripled over the past year. And it doesn't show any signs of slowing its growth.

Several factors explain this breakthrough growth:

- The pandemic has pushed everyone, including businesses, towards digitalization. And that trend has stayed strong since the beginning of the lockdowns two years ago. While offline stores can't continue to serve customers because of government restrictions, online businesses have significantly improved the efficiency of their sales strategy.

- To deal with the global financial crisis caused by the pandemic, many nations have tried to stimulate the economy by printing new money, which in turn has led to increased inflation and devaluation of fiat currencies. As a result, both large and small investors switched to digital currencies. And they haven't regretted their choice. Today, the average age of the private crypto investor is higher than before: 59% of users investing in blockchain-based coins are now in the age range of 31-49. This signals an increased level of interest and respect for cryptocurrencies.
- In 2020, most countries introduced State Stablecoins. This global movement toward a new digital banking system has increased the need for regulation of cryptocurrencies. Most countries are currently working to create a legal framework that is convenient for all, describing the rules of circulation of digital currencies. China, for example, has already launched digital yuan payments in the subway and some stores, and the domestic digital ruble is being actively prepared for issuance in national markets.

These reasons drove large corporations to actively enter the market in 2021. Visa, MasterCard and PayPal are now introducing cryptocurrencies into their payment systems, and this is becoming a catalyst for the emergence of digital solutions in the rest of the financial sector. And not just the financial sector: in late July, Twitter introduced the option of making donations to creators in Bitcoin.

Total market capitalization



Based on this graph, we can predict that the market will increase by 800% by the end of the year, and this is a conservative forecast. There is no question that we are in the midst of a digital revolution that is rapidly gaining momentum!

Since the beginning of 2021, we have already experienced growth from \$765 billion to \$2.6 trillion. We're transitioning to a digital economy at a staggering speed. According to Reuters, the first trillion in capitalization was reached in January 2021, while Forbes shows the second trillion was reached as early as April.

While these trends continue gaining momentum, digitalization will have a global impact. We should also expect new laws that will make digital currencies easier to handle. Corporations and large investment funds will undoubtedly continue to enter the market. Today, both government agencies and banking structures are expressing interest in cryptocurrencies. For example, Swiss regulator FINMA approved the creation of the first cryptocurrency fund operating in the domestic market in late September, and the U.S. state of Wyoming is about to launch a cryptobank based on the Kraken system. Non-blockchain banks (including U.S. Bank and Morgan Stanley) also offer cryptocurrency investing and blockchain coin storage. Sooner or later, every financial services company will include this option in its offerings, for the sake of growing its customer base.

2.2. Advantages of cryptocurrencies as a means of payment

The crypto payments market is the fastest growing industry.

The crypto payments market is projected to grow with the highest CAGR from 2019 to 2024. Cryptocurrency payments have several advantages:

- increased transaction security;
- protection from fraud;
- decentralization;
- low commissions;
- protection against chargebacks;
- fast international transfers.

These factors are driving the acceleration of the adoption of cryptocurrencies.

2.3. Asia-Pacific – a leader in the adoption of cryptocurrencies

The Asia-Pacific region will take over the largest share of the entire cryptocurrency market during the period up to 2024. This region is made up of China, Japan, South Korea and other countries of the Asia-Pacific region (RoAPAC). RoAPAC includes Singapore, Malaysia, Thailand, India, Australia and New Zealand. China is the largest market of all countries in this region. With low electricity costs, ideal weather conditions, large mining companies and access to venture capital funding, the Chinese market will become the largest in the region. At the same time, the level of awareness and knowledge about cryptocurrencies is the highest in Japan. Japanese government regulation is also very favorable towards cryptocurrencies.



2.4. Europe – a region with great potential for crypto market development

The European market includes Germany, France, Great Britain, Eastern Europe and other European countries. Europe ranks second after Asia-Pacific in terms of cryptocurrency market volume. Awareness of cryptocurrencies is also growing in Europe. Thus, on July 5, 2016, the European Commission proposed to include providers of wallets and virtual currency exchange platforms in the Anti-Money Laundering Directive (AMLD). As part of this regulation, providers of wallets and virtual currency exchange platforms will be required to comply with anti-money laundering requirements and provide the data necessary to identify, prevent and report money laundering and terrorist financing. The regulation defines virtual currencies as a digital representation of value that is not issued by the central bank or a government agency and is not necessarily associated with fiat currency, but is accepted by individuals and legal entities as a means of payment that can be stored, transferred or exchanged online.



2.5. Market Dynamics

The technology's **uncertain regulatory status** is the main constraint on its development.

At present, the lack of uniform regulatory standards and the associated uncertainty are among the main constraints preventing the widespread adoption of cryptocurrency.

Distributed ledger technology continues to raise a number of questions from regulators and policymakers, both at the national and international level.

Due to issues with standardization and interoperability, cryptocurrency continues to operate under an uncertain regulatory status, which is the main constraint to the growth of this market. So, for example, in September 2017 China completely banned the circulation of cryptocurrencies, which is why all residents of the country were obliged to withdraw all funds from cryptocurrency exchanges over a short period of time.

Opportunity: Significant growth opportunities in emerging and developed markets

Emerging economies (such as India, China, and Brazil) as well as developed economies (such as the United States, Germany, and Japan) are expected to provide significant growth opportunities for companies and projects operating in the cryptocurrency market. According to analysts' forecasts, the adoption of cryptocurrencies will be facilitated by a number of factors - including the speed of transfers and low commissions.

Problem: Concerns about security, privacy, and control

Cryptocurrencies have the potential to revolutionize peer-to-peer transactions and money transfers. However, this requires solving a number of security, privacy and control issues. Because all cryptocurrency transactions and payment data are reflected in the blockchain network, there is a high risk of hacker attacks and fraud. Another serious problem in the implementation of cryptocurrency payments is the issue of confidentiality in a distributed public ledger.

2.6. PLCU Market Overview

The blockchain industry is booming. Despite the volatile nature of the cryptocurrency market, its foundation - the blockchain - is already being implemented in many areas. It opens borders, making funds transfers more accessible and excluding intermediaries from the equation, thereby leading to the equitable and fair distribution of resources.

The desire to get the best possible product is both obvious and natural. But how many people have to make do with the quality of the products available in their region! Meanwhile, manufacturers who would be happy to offer consumers goods of the highest quality cannot develop their business due to the lack of access to the market or the resources needed to enter it. This is often associated with the need to scale their business. Most manufacturers cannot handle this task.

The entire world is a market for PLCU. It accommodates an unlimited number of buyers and sellers. This means that every PLCU user has the opportunity to sell and buy any goods permitted by law, regardless of borders and distances.

For example, if you produce quality goods in your own production, but you have few clients and resources for exporting goods, our platform will give you an excellent opportunity to offer your products to a huge number of visitors.

Products become more accessible as new markets are developed. Blockchain technology is blurring trade boundaries. Manufacturers can use this technology to market their products without breaking local laws.

3. PLC Ultima project, its mission and prospects

3.1. PLC Ultima mission

PLC Ultima is a cryptocurrency created with blockchain technology to solve the problems of online payments.

The goal of PLCU is to ensure that everyone can easily gain access to cryptocurrencies, using PLCU not only to buy anything, anywhere, but also producing PLCU coins on their smartphone.

The user is the sole owner of their coins. He can freely produce, spend, transfer, store, inherit his coins and perform other operations cheaply, quickly and safely.

In the PLCU cryptosystem, through the development and implementation of new technologies, gaps and shortcomings in the concepts behind Bitcoin and other coins will be taken into account and corrected. At the same time, we aren't competing with other coins in the existing market, but creating our own market, where we plan to firmly occupy the leading position.

PLC Ultima strives to become one of the leaders in the cryptocurrency payments market, namely in the segment of mass payment methods. The PLCU coin was originally conceived in a way that would make it suitable for use as an everyday means of payment. Although some market participants offer the option of paying for goods and services with Bitcoins, this currency is mainly used as a marketing tool, and not as a real payment method. More than 90% of all Bitcoin transactions occur with the purpose of market speculation.

At the same time, PLC Ultima intends to become the main point of entry for fiat currency. Fast transaction speeds and low volatility risks will make the coin attractive. The PLCU cryptocurrency offers instant transfers to anywhere in the world without intermediaries, with round-the-clock real-time operation, system safety and security, independence, complete anonymity and free conversion of PLCU into fiat funds and other coins. Complex payment mechanisms such as debit cards, ATMs, etc. will provide a suitable large-scale payment method for customers and merchants.

3.2. PLC Ultima history

The entire PLC infrastructure dates its inception to 2016, when the general idea for the project was born and development began. Product development lasted over 5 years and continues to this day. Today, several hundred technical experts from around the world are working on PLC Ultima. More than half a million people around the world own and use PLCU coins. The PLC Ultima ecosystem encompasses over ten products, including the Platin Hero crowdfunding platform, the PlatinDeal marketplace, and the PlatinSale private classifieds platform. PLCU integrates into exchangers, online stores, POS terminals, marketplaces and payment applications. People already use PLCU to travel, buy everyday goods, as well as cars and even apartments.

PLC Ultima operates in accordance with international KYC standards and in the laws of the countries in which it operates.

3.3. PLC Ultima community

The PLC Ultima team is consistently working to create cryptocurrency for mass use. In solving this problem, the project community plays a huge role as one of the decisive factors.

In 2021, about 700,000 people from more than 120 countries around the world have already registered as members of the cryptosystem. All of them are interested in expanding the community to 100 million members, learning about new technologies, mastering new earning opportunities, working towards the easy and convenient use of PLCU in everyday life.

Thus, more than 700,000 members form a powerful channel for promoting the ecosystem in the global market. The community includes both regular users of PLC Ultima products, and those who are actively involved in brand promotion, helping other people learn about PLC Ultima by introducing them to our products. There are also participants in business processes and service providers. Over time, the number of vendors and service providers working with the PLCU will increase significantly. They will be interested in accessing the Ultima PLC community and making existing members new customers.

Together, community members – professionals and ordinary users, experienced members and novices, business process participants, service and product providers - join their forces to develop the community every day and motivate even more people to discover the world of high tech. PLC Ultima is a huge ecosystem where everyone really wins. Over the next couple years, the PLC Ultima community is projected to increase to 5 million, which will raise the exchange rate to at least € 1000.

4. PLC Ultima blockchain-based solutions

The PLC Ultima blockchain is based on the Litecoin blockchain. Both are characterized by network stability, transparency and high transaction processing speed with the option of using the Segregated Witness protocol upgrade.

Basic network parameters

- Premine: **500 000 PLCU**
- Burned – **450 000 PLCU**
- Coin Supply: **50 000 PLCU**

Consensus building method: proof of performance of work with regulated complexity (recalculation of complexity every 2016 blocks).

- Block size: **4 MB**
- Frequency: **1 block every 1.5 minutes**
- Hash function: **CryptoNight algorithm**

PLC Ultima developers have expanded the functionality of the Litecoin blockchain and increased the scope of its application. The PLC Ultima blockchain implements the CryptoNight hashing algorithm used by Bitcoin and Monero. We have introduced a more equitable distribution of rewards between participants using minting, backed by smart contracts. This solution has also been tested for vulnerability to all types of attacks, including network separation, hacking attempts, blockchain tampering, keyspace attacks, etc.

The Litecoin-based blockchain ecosystem underlying PLC Ultima suggests the need for mining to execute transactions. However, we noticed that traditional mining is ineffective, and the mining industry has been hit hardest by the fall in the crypto economy capitalization. In addition, mining equipment consumes the equivalent of an entire country's electricity needs, which has a harmful effect on the global environmental situation.

Users do not have to spend a lot of electricity on mining, or purchase special mining equipment. Our users can take advantage of minting technology, where the network guarantees rewards without any lotteries.

4.1. Decentralization and PLC Ultima blockchain

Decentralization is one of the key benefits of the blockchain. According to the PLC Ultima team, complete decentralization is a critical factor in the effective implementation of blockchain technology for use by businesses, individuals, educational institutions, governments, non-profit organizations, etc.

The traditional financial system is completely centralized, with clients transferring control of their assets to banks, which applies to both personal data and the assets themselves. Bitcoin and other cryptocurrencies have offered a decentralized and transparent alternative for issuing and storing funds without the need for a centralized facility. Decentralized systems are necessary because they allow ownership without requiring special permissions, while anyone can use and build the platform according to their own desire and vision. Decisions are made by consensus: transactions are approved by a group of nodes, not a single node.

The network participants make decisions on transactions, vote on changes to the code, and participate in the development of the network. So, in order to confirm a transaction, more than 51% of all nodes must recognize this transaction as genuine.

This feature establishes another important advantage of the blockchain - trust between parties that may not know or trust each other. The decentralization of the blockchain guarantees coin holders that no one person or group of persons will have the right to decide on the disposal of their funds. Consequently, the risk is not placed on a single central organization, and there is no need for trust in another person.

PLC Ultima is a network that aims to use nodes and widely distribute the coin to ensure the security of the network while achieving full decentralization.

Any user of the Ultima PLC blockchain can locally install a node on his computer and become a full-fledged member of the blockchain network. The goal of PLC Ultima is to allow any legal entity or individual to anonymously deploy a PLC Ultima node and receive new PLCU coins.

4.2. Auxiliary services

Block Explorer и Middleware – are auxiliary services that support mobile and desktop wallets and provide a “window to the PLC Ultima world”. In general, users can access their coins with only a private key, which is hardcoded into the QR codes they own. Since each node is linked to its own wallet, a user with proper technical training can download a node, connect to the network and use this QR code to access their own wallet.

At the same time, Block Explorer and Middleware services allow any user to obtain the same access, without any special knowledge and without performing technically complex operations. In particular, they can use Block Explorer to see events in the PLC Ultima blockchain in real time.

Middleware is a converter that makes it possible for the user to perform any operations with their balance through a light wallet on a mobile device. It is impossible to install a node on a smartphone, as this would require too much memory.

The Middleware service downloads bulk data from the PLC Ultima blockchain to large servers and converts it into simple and understandable data for a mobile device: wallet balance, a list of wallet transactions, etc. Thus, any user can receive them at any time on their smartphone.

In order to achieve the necessary parameters in terms of processing speed and the number of requests, PLC Ultima engineers abandoned the use of existing open source solutions and implemented their own Middleware system using highly efficient NoSQL databases that provide millions of operations per second, so that tens of millions of users to use the network simultaneously.

In fact, the Block Explorer and Middleware services allow anyone to parse any block, any transaction, any address to the last byte. Without revealing the identity of the owner and without endangering their private keys, these services ensure the decentralization, transparency and openness of PLC Ultima.

4.3. PLCU coin incineration

Today, approximately 8000 different blockchains exist. In some of them, a certain percentage is charged for each transaction as a commission. This commission is usually received by developers or miners. We went a little further and decided that this percentage of coins would be burned.

Cryptocurrency incineration is the deliberate withdrawal of a certain amount of coins from circulation. Since coins are rightly perceived by holders as real value, burning them may seem wrong. However, this is an unambiguously progressive process.

By withdrawing coins from circulation, we achieve two goals. First, we are gradually reducing the volume of cryptocurrency on the market, which creates a deficit and has a positive effect on the exchange rate. Secondly, in this way, the system is protected from transactional spam.

There are several ways to withdraw coins from circulation. A common solution is, for example, freezing them. At the same time, these assets simply disappear from free circulation, but the developers can make them publicly available at any time. This solution has a number of vulnerabilities. For example, an account that holds so many frozen coins could be hacked. In this case, a critically large volume of cryptocurrency will enter the market and bring down its rate, which isn't aligned with the interests of users.

But the main problem, from our point of view, is that the concept of developers freezing a large number of coins contradicts the very idea of decentralization. After all, centralized control over a huge amount of frozen funds creates opportunities for a dump or some other exchange rate manipulation.

Therefore, PLC Ultima uses incineration of coins as a more reliable, safe and completely transparent solution, where the burned coins disappear forever, and this is easy to verify. This means that a certain commission percentage from each transaction will be sent to a special technical wallet, from which it is fundamentally impossible to withdraw these coins. Any user can download the source code of our node and see the whole process at any time.

The PLC Ultima blockchain burns 1% of every transaction. Thus, if 100 people transfer 100 PLCUs, almost 100 coins will be burned as a result. Not only does this prevent additional emission, but also constantly reduces the number of coins in circulation, which, in turn, leads to an increase in the exchange rate.

This decision once again confirms the decentralization of the PLC Ultima cryptocurrency and serves as a transparent and fair instrument for its liquidity.

4.4. Minting – a key PLC Ultima technology

Since the adoption of the first cryptocurrency – Bitcoin – users of digital assets have been trying to find a way to get coins in their wallets. This has become very fashionable – in recent years, the world has been gripped by a thirst for digital gold, obtaining coins through mining.

Cryptocurrency mining is a pretty daunting task, but those exciting times are long behind us. Remember the infamous California gold rush? Many people were attracted by the opportunity to get rich from new opportunities. Nevertheless, the rare and accidental finds soon gave way to disappointment for most of the participants. Their dreams of becoming millionaires overnight were dashed as most of the easily extracted precious metals were dug up long before the vast majority came to California.

And now we are seeing the same picture. After slow growth in recent years and a rapid take-off in 2017, we've reached a stumbling block. The situation is very similar to what happened in the middle of the 19th century during the gold rush in Sacramento. The days of easy profit and 1000x growth for cryptocurrency are over.

Cryptocurrency mining can be unreliable, difficult, and expensive when operating in an overpopulated and undervalued market. It also requires enormous amounts of energy.

PLC Ultima offers users an alternative to mining - minting. This is a completely different, simplified and energy efficient new way of producing cryptocurrency. This method is well prepared for the long term future of blockchain, worthy of the attention of people entering the sector in the post-Bitcoin era.

PLC Ultima minting is a unique solution for distributing rewards among users.

The user gets the opportunity to purchase an Ultima Minter digital certificate and freeze a certain number of PLCU coins in his possession for a certain period in order to receive new PLCU coins during this time. A smart contract, concluded between PLC Ultima and the user, guarantees that, subject to all conditions, the coins will go to the user's wallet. This contract is forever stored on the blockchain and can be seen on the network at any time.

Thus, PLC Ultima enables the user to receive a guaranteed reward strictly equal to a certain percentage of his existing PLCUs involved in minting. This is achieved by using an equivalent to a smart contract. Basically, the blockchain rules allow the user to put a certain amount in their wallet, subject to strictly defined and public rules:

- The user confirms their desire to participate in minting.
- The user stores a certain amount of coins in the wallet, which will remain inactive for at least a certain period of time.
- The user maintains constant network activity.
- The user has declared a desire to receive a reward.
- The amount of the requested remuneration corresponds to the agreed one.

The use of PLC Ultima smart contracts makes it possible to strictly define these rules and to guarantee the automatic payment of a reward to the user, regardless of the number of commercial users, network load, computing power and other factors.

4.5. PLC Ultima and security

Establishing the security of any distributed system is an extremely comprehensive and difficult task. And PLC Ultima approached this task with great responsibility. Below are the main steps taken by the team to provide an unprecedented level of security in today's crypto world:

Reliable and tested blockchain. After a systematic and comprehensive analysis of the current situation in the crypto world, the team selected the newest tested and stable version of the well-known “old-timer” Litecoin as the basis for PLC Ultima. It’s a more flexible, fast, secure and constantly evolving successor to Bitcoin, successfully combining innovations (Segregated Witness, Atomic Transactions, etc.) with network stability and resistance to attacks (protection against Time Wrap, from 51% attacks, absence of hard forks).

Hash function. The CryptoNight algorithm was chosen as the hash function of PLC Ultima. On the one hand, this makes it impossible to use existing third-party software for mining and attacks, on the other hand, it provides reliable block protection and makes it impossible to use specialized equipment for mining.

Strong encryption on mobile devices. A six-digit PIN code and a modified wallet encryption algorithm on mobile devices make it impossible to use existing hacking tools while also making it extremely difficult to find keys from wallets. Additional security is also provided by the fingerprint and Face ID access options on smartphones.

5. Our products and technologies

5.1. PLCU wallets

PLC Ultima provides several types of wallets for a wide variety of users, with different functionality, level of protection and ease of use:

PLCU internal wallet

The internal wallet in the node is intended primarily for crypto enthusiasts. It offers the most extended functionality, with the option of creating transactions, viewing them in digital form, encoding and decoding them. Connected directly to the node, this wallet provides the fastest transaction processing.

Ultima WALLET

Mobile wallets for Android and iOS platforms are the most common tools for interacting with the PLC Ultima system. Reliable (and non-standard) encryption of the private key with a 6-digit PIN code and storage of the encrypted data on the device (in Secure Storage for iOS) make it extremely difficult to find a PIN code and gain unauthorized access to the wallet in case of loss or theft of the device.

The private key is stored only on the smartphone, used only at the time of signing outgoing transactions and never transmitted over the network. All key operations are performed only on the smartphone, and no external servers are used to create transactions.

The user-friendly interface allows you to easily and quickly carry out all basic operations (sending, receiving funds, viewing balances and transactions) and provides reliable and safe import and export of a wallet from / to paper records.

5.2. Smart contracts and active PLC Ultima projects

Ultima Farm

Ultima Farm is an application that allows you to produce new coins by simply storing coins in your wallet. The application is used to block and store coins. Moreover, the more coins the user holds on the Farm wallet, the more new coins are minted. Ultima Farm has an operating term of one to three years, using minting to significantly multiply the frozen coins in the wallet. At the end of the operating term, all frozen coins are unfrozen and once again made available for operations.

The produced coins can be easily spent, transferred, stored, or used for other transactions quickly and safely. At the same time, the user is the only owner of his coins, and he is the only one with all the necessary information to restore access to the wallet.

To get started, you need to download and install two free applications: Ultima Farm (application for holding) and Ultima WALLEET (wallet for new coins). Then, follow these steps:

- [Log in to Ultima Farm.](#)
- [Create a Farm WALLEET](#) and transfer coins to it.
- [Create a smart contract](#), using an Ultima Minter in the selected category (see further: Ultima Minter).

After that, the coins will be credited to the user's wallet balance every month in equal amounts. Thus, Ultima Farm allows anyone with access to a smartphone to conveniently and profitably produce PLCU cryptocurrency.

The versatility of blockchain technology provides easy scaling and absolute freedom, as well as a high level of security in managing funds.

The Ultima Farm app is a prerequisite for the work of the unique Ultima Minter product.

Ultima Minter

The unique Ultima Minter development offers the user the option of proactively producing PLCU coins.

Ultima Minter is a digital certificate that allows the Ultima Farm app to access coin minting. Since both the number of coins available for production and the number of users who can mint new coins are strictly limited, users must pay for this digital certificate, and its validity period depends on the category of the Ultima Minter. The number of coins available for blocking on the farm also depends on the category of the Ultima Minter and the market price of the PLCU on the exchange. The higher the category, the more coins you can put in the farm for minting. But the higher the price of the coin on the market, the smaller the farm's capacity. You can increase the capacity of your farm by purchasing additional Ultima Minter certificates.

After downloading and installing the free Ultima Farm and Ultima WALLEET applications, the user completes a free registration and purchases an Ultima Minter in the selected category. Then he fills the farm with coins and blocks a certain amount of funds. After that, he can start minting by clicking on the minting button, and a certain percentage of the blocked coins will be added to the user's main wallet in the Ultima WALLEET application on a monthly basis in equal amounts.

Platin Hero

[Platin Hero](#) is a revolutionary crowdfunding platform based on an innovative technology that combines the capabilities of crowdfunding and the transparency of the blockchain, the availability of minting and the reliability and security of smart contracts. With this platform, you can launch thousands of projects and startups, implement millions of ideas, or help tens and hundreds of thousands of promising projects to receive funding. With Platin Hero technology, all participants in the process make money: projects receive free promotion of their ideas. Users can also support ideas and projects, receiving rewards from projects and a 10% bonus from the amount of support they contribute.

All this gives Platin Hero the opportunity to become a real milestone in the entire crypto world at large - a bridge from blockchain technology and cryptocurrencies to business projects that create wealth, startups, charity - in a word, to real life. Platin Hero shows the world that cryptocurrency can be involved in any process: creating value, implementing ideas, supporting those who need help, and building entire industries.

Any project can apply for crowdfunding on Platin Hero, from tech products to charities. The only condition is compliance with the law and the rules of the platform. Adding a project takes less than an hour: upload an enticing project description (videos, photos, texts, important links) and determine the reward for sponsors (for example, branded goods, tickets to events, early access to a product created by the project).

Platin Hero is a platform for real heroes and everyone who wants to become one, creating real progress, launching revolutionary projects or supporting them. Thanks to the underlying technologies of blockchain, minting and smart contracts, all platform users receive a number of unique advantages. Projects receive free promotion and funding for their ideas, and users get the opportunity to support ideas and projects, receiving rewards from projects and a bonus of 10% of the donation amount.

PlatinDeal and PlatinSale

On March 23, 2020, the PlatinSale global marketplace was launched in the PLC ecosystem, where you can already buy and sell goods for cryptocurrencies or fiat money. The service is an online ad platform - it works similarly to major marketplaces like Avito, Amazon, eBay, AliExpress and OLX. The site interface is as simple as possible: to buy and sell goods and services, you only need an account on the site, which can be created in a few clicks. It also takes a few minutes to add items. The site works only with trusted suppliers. The suppliers are legally responsible for the validity of transactions and the quality of goods and services. But at the same time, the service still cares about providing users with a space with a high degree of security, which is why it tries to work only with trusted market representatives.

The service has already been launched in Europe and is currently being launched on other continents, gradually, country by country, linking sellers and buyers around the world. It is already available in five languages: English, German, Russian, Spanish and Hindi.

The service is part of the PlatinDeal global marketplace, where users can become merchants and create their own online stores. This unique platform will show the world that the place of cryptocurrency is not only on crypto-exchanges, but also in people's everyday lives. PlatinDeal is proof of how much cryptocurrencies can improve and simplify life, how well it can satisfy users' daily needs and fulfill their desires with the option of purchasing goods and services all over the world.

PlatinDeal's global marketplace consists of a classifieds platform and a coupon marketplace. PlatinDeal provides merchants with a convenient infrastructure that makes it easy to sell goods and services by making purchases for cryptocurrency. Sales on the platform will be carried out using special coupons, which the client will be able to exchange for goods and services. Even at the design stage, the creators of PlatinDeal emphasized the importance of maximum security for all participants.

The PlatinDeal service carries significance beyond becoming the largest infrastructure project within the PLC Ultima economy. One of the most important goals behind its creation is also the development of the entire crypto market. After all, PlatinDeal vividly demonstrates a way to combine cryptocurrency and blockchain technology with the real sector of the economy. Along with other infrastructure projects, PlatinDeal from PLC Ultima is able to unite the entire crypto market and become a bridge to the real sector of the economy for any cryptocurrency.

Platin Passport

The Platin Passport service combines all information about a user: data from two-factor authentication, verification, etc. Platin Passport will become a single entry point for all products in the ecosystem - PLC, Platin Hero, PlatinDeal, etc.

After registering for one of the products, the system will automatically create a single user account for all products. For example, if you have registered with PlatinDeal, Platin Passport makes it easier for you not only to use this platform, but also to access Platin Hero and other services.

5.3. Pilot projects

Platin Pay

A blockchain-based payment system that will offer its members the opportunity to directly pay for a wide range of goods and services, both in its own market and in the external market.

Platin Pay is a payment service provider for Bitcoin and other cryptocurrencies. With Platin Pay, merchants can accept payments in cryptocurrencies, and customers can use cryptocurrencies to pay for goods and services.

Platin Pay provides technical solutions for integrating a payment module on online stores and other websites. Due to the high transaction speed, Platin Pay users are protected from the volatility of Bitcoin and other cryptocurrencies.

The Platin Pay payment system is currently used in other products of the PLC Ultima ecosystem.

POS terminals

A pilot project, which provides a framework for using POS terminals in thousands of equipped outlets around the world, where you can pay for purchases with coins and PLCU smart contracts. All you only need is a smartphone with the Ultima WALLEET crypto wallet installed.

ATM cryptomats

Another pilot project with terminals which can be used to exchange coins for fiat money and vice versa. The exchange only requires a smartphone with the Ultima WALLEET crypto wallet installed.

Vending machines

The goal of this project is to introduce vending machines all over the world. The first several dozen machines have already been installed in several countries around the world. Using a smartphone with Ultima WALLEET installed, you can use coins to pay for snacks, ice cream and drinks in the vending machines.

PLCU Debit Card

With a crypto debit card, holders of PLC Ultima coins will be able to pay in any shops equipped with POS terminals and withdraw fiat money from ATMs. In addition, they will be able to use the PLCU Debit Card for online purchases and transfers to other holders of these cards.

6. Statement of liability

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