Eurocoinpay

Global Solution of usability of Cryptocurrencies



eurocoinpay.io

WHITE PAPER

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European Commission

★ SEAL OF ★ EXCELLENCE

The global solution to usability of cryptocurrencies

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WHITE PAPER
EUROCOINPAY

Since 2017

Eurocoinpay is the first investment platform that unites two economies: FIAT money and cryptocurrencies. The first one is clearly becoming less usable due to severe inflation and other one an economy that today has a market capitalization of approximately two hundred thousand million dollars and approximately twenty nine million wallet users around the world.

Said visionary economy originated in 2009, when SATOSHI NAKAMOTO made a value proposal for the BITCOIN network, creating great potential in the P2P decentralized global economic ecosystem.

Blockchain is a linked and encrypted event book or distributed database that can be applied to all types of transactions. Technology that will change the rules of the game and the way we do business in all sectors will change our present and change our future forever.

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1. GLOBAL VISION

The need for faster, safer and more transparent financial transactions
Why not anywhere? Why not anytime and in real time?

New technologies are changing not only the way we think or the way we interact, but they are also transforming the way we buy and the way we pay. **Paytech companies penetrate the traditional payment ecosystem by leveraging innovative technologies** to provide new payment methods. They create new trends that have been consolidating in recent years, such as payment applications or digital portfolios. One of the main boosters of this rapid transformation has been the massive adoption of smartphones and personal mobile devices. In fact, mobile payments generated revenues of $601Billion in 2016 and are predicted to reach almost $4.574 Billion in 2023.

As alternative payment methods compete with the use of cards in the online and offline market, users increasingly demand more transparency and new value-added services. This is done in peer-to-peer (P2P) transactions, people "want it now and they want it now". Due to the perception of payment as a commodity, they are secure and their cost structure is low.

On the other hand, concerns about personal data and fraud may pose barriers to further adoption of these new methods and data protection legislation will play a key role in the coming years. Therefore, being able to satisfy **the demand for instant, secure and transparent payment transactions** will be crucial for Paytech companies to succeed.

Blockchain and cryptocurrency distribute wealth and empower the citizen

Blockchain technology and cryptocurrencies have the potential to meet the needs of these users and revolutionize the way financial transactions are understood. Thanks to their transparent, decentralized nature they are designed to provide a universal and universal way to store irreversible, highly secure, anonymous and global payment transactions.

The use of cryptocurrencies in business-to-business (B2B) transactions has increased sharply in recent years (expected to reach €9 million in 2022). More and more companies are aware of the positive impact this will have on their economy. However, the adoption of cryptocurrencies for transactions between small businesses and consumers (B2C) has been hampered by market volatility and technical problems that undermine the usability of cryptocurrencies in everyday life. Today, the confirmation of transactions by the miners, involves time costs and high fees which is hardly attractive to the user who demands other solutions.

As a result, there is a **market opportunity** for an innovative **payment solution that can facilitate the uptake of digital currencies** by eliminating usability restrictions. At the same time, the session requires fast, secure, low-cost P2P transactions for B2C micropayments.

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2. A NEW PARADIGM: EUROCOINPAY.IO

Alternative payment methods are transforming the traditional payment landscape. Especially driven by the mass adoption of smartphones and mobile devices. **They are moving customer needs toward faster, cheaper, and safer payment transactions.** The entry into the scene of revolutionary technologies such as Blockchain and Cryptocurrency has the potential to disrupt the financial market thanks to its transparent, peer-to-peer, secure and anonymous nature. However, miners' costs and market volatility have so far slowed the adoption of cryptocurrencies and Blockchain technology in Micropayments on a day-to-day basis.

Eurocoinpay is an innovative solution capable of satisfying customer demand and providing real utility to cryptocurrencies in their daily expenses. Our unique combination of payment application and cryptocurrencies exchange allows our users to automatically switch currencies and use it to pay instantly. With Eurocoinpay, anyone (consumer and merchant) can make and receive micropayments with the coin or cryptocurrency of their choice instantly without mining costs thanks to our unique Blockchain Ethereum and IOTA technology.



2.1. Aim

The aim of **Eurocoinpay** is to provide the society, for the first time, with a technological tool that allows people to decide which currency to use to pay for products and services with complete freedom.

2.2. Value proposal

Our main group of users is the B2C market, because our product is designed to manage micropayments. **Our major target are companies, merchants and their customers who need a reliable,** fast and secure payment gateway and who are interested in using cryptocurrencies as a means of payment for services and products. Other verticals that can benefit from the advantages offered by Eurocoinpay are B2B companies, online and offline, and B2C companies based on web commerce. Our end users will **be both the seller and the buyer** who will pay for the company's services and products, because both will use the payment application and their wallets. We estimate a **niche in the EU of 300 million consumers** using mobile payments (54% of the population) and almost 4 million retailers. Eurocoinpay is a universal service designed for everyday payments to be used by all.

The customer's **needs and the corresponding value** we offer to each of them can be summarized.

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Client	Sellers: Companies, merchants, online shops	Buyers : The users B2C y B2B
Needs	Secure, fast and economical payment gateway for your business, allowing you to flexibly manage the various cryptocurrencies and Fiat accepted.	The payment gateway and the wallet that allows you to manage micropayments easily and flexibly every day.
Valor	- **Single, highly competitive commission** between **0.20 and 0.40%** per transaction. - **Faster transaction**, with collection transaction time ranging from **7 to 15 seconds**. - **Flexibility** to choose the currency to receive the payment. - Secure, transparent and decentralized, **no intermediaries P2P.** - Marketing and advertising of your business through the App: **achieving increased visibility by geolocation.** - Other possible lines of income through exchange: **Cryptocurrencies speculation** and recommendation/affiliation.	- **No cost or commission** on your payments and transactions - **Easy to use** - Safe, decentralize, **P2P** - **Flexibility to choose currency to pay** - Cryptocurrencies investment management: **exchange and wallet.**

The only decisive points that will convince users to choose Eurocoinpay instead of competition are:

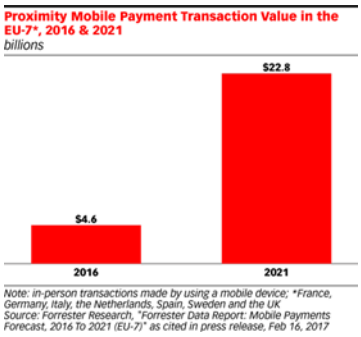
- Unique **payment gateway solution with cryptocurrency exchange platform.**
- **No intermediaries**: P2P transactions, no transactions with third parties or mediation of financial institutions.
- **Up to 200 to 300% economic** than any other gateway or payment method: between 0.20 and 0.40% commission vs 1-7% of current means.
- **Transaction speed**: Micropayments in real time, **between 7 and 15 seconds**
- **Flexibility of user preferences:** both when it comes to paying and collecting.
- **Unique customer service and physical location in León (Spain).**

We serve our users through different channels, among them and by which we stand out are:

- Spanish telephone (+34 987 353 277) with office hours from Monday to Friday.
- Real time chat with one of our care managers (https://eurocoinpay.io/)
- You can send an e-mail to the e-mail address corresponding to the selected department.
- Social networking sites where we offer full transparency in answering users' questions.
- Location with attention to the public in C/ La Raya, 110, Polígono Industrial de Trobajo del Camino, 24010 Trobajo del Camino, León (Spain).

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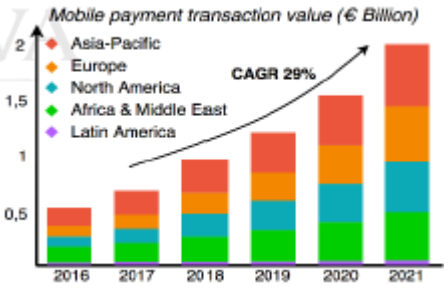
3. SYNTHESIS AND MARKET



The digital transformation has already had a strong impact on the traditional payment ecosystem and the trend will continue. For example, in-**person mobile payments will quintuple between 2016 and 2021** in the EU7 (see Fig.). In this new scenario, Europe is trying to develop a better unified internal market for electronic payments through regulations such as PSD2 or SEPA, promoting innovative payment services across Europe. **The use of cryptocurrency and Blockchain technology** has become a promising alternative payment method in recent years. It is gaining ground because of its potential positive impact on businesses: **The adoption of cryptocurrency could increase traders' margins by 3%.** Moreover, in a recent report by the European Parliament, the EU has recognized the great potential of crypto coins as an alternative to FIAT, thanks to their decentralized nature and lower cost.

The global mobile payments market is expected to reach revenues of €1,953 billion in 2021, growing at a compound annual growth rate (CAGR) of 29% from 2016 to 2021 (pictured below). **The European market represents more than 25%** and is the second largest market after Asia and the Pacific. While the North American market is the fastest-growing, at a CAGR of 32.9%. The growing adoption of smartphones and mobile devices around the world is greatly facilitating the transformation of **Paytech** landscape and is the main driver in driving that growth. In fact, the global market is expected to expand in one year over a growth of 52%, reaching €4 Trillion by 2023. The largest European markets are the UK, France, Germany and Spain, the main markets of **Eurocoinpay.**

Fintech's regulatory and data protection policies will play a particularly important role in the evolution of the payment segment in the coming years in Europe. The entry into force **of the revised Payment Service Directive (PSD2)** creates a positive environment and new business opportunities that can accelerate the digital market. However, complying with PSD2 and the new European RGPD can create friction among market participants as they struggle to adapt efficiently to new regulations.



On the other hand, Blockchain technology and Criptomonedas are gaining momentum as an innovative means of payment. Blockchain-Smart Contract's ability to provide a universal and public way to store payment transactions and ensure compliance with regulations agreed by the parties is already having a positive impact on the payment market. In addition, the European Technical Plan presented in March 2018, which aims to support the integration of new technologies such as Blockchain, is expected to be one of the main drivers of the development of cryptocurrency payments. It is estimated that between 2016 and 2022, **global cryptocurrencies and the Blockchain technology** market will record a huge CAGR of 35.2% between 2016 and 2022, reaching a value of $ 42, 16 Billion. Although most of this market is currently banking and investment. The increase in the number of online transactions and mainly the expansion of mobile payments is the driving force behind the demand for the acceptance of cryptocurrencies as payment options. In fact, the small sales market revenue is expected to be $10,447.2 Million in 2022, which is 25% of the world market. North America leads the market growth followed by Europe. However, Asia and the Pacific,

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where payments and infrastructure are less developed or less reliable, have the potential to become an emerging region with great business opportunities.

In fact, European Fintech's initiatives are expected to have a positive impact on the evolution of both markets. In addition, our estimated end users include **more than 300 million consumers and almost 4 million retailers** in the EU.

Consequently, it is the perfect time to interrupt the **Paytech market** with a solution like **Eurocoinpay which is able to meet the needs of users of immediate P2P payments thanks to low cost, secure and transparent transactions. Further, it is also able to bring usability to digital currencies.** By offering a single solution for the first time in Europe, we will help strengthen Europe's position in the global payments industry, while paving the way for the rapid adoption of the Internet of things technology and the Internet of value. **By creating a market and innovation capable of boosting the real economy, Eurocoinpay has a valuable competitive advantage.**

4. PROBLEM

There are several payment solutions and cryptocurrencies exchange solutions in the market. Due to the exponential growth of the use of cryptocurrencies, mainly for B2B e-commerce. The "mining confirmation" involves costs over time which is required for the transaction. The fees for micropayments and daily transactions are costly, such as buying coffee, which has become a disincentive for the use of these promising technologies. As a result, there are **currently no high-speed transaction services designed for Micropayments**. The miners validation time and costs make this impractical which makes Eurocoinpay **a unique integral solution** for the operation of daily Micropayments.

Our solution combines a **Payment Gateway App, a speculative Token, an Exchange, a Secure Currency and a Card for payments and withdrawals** while all other market solutions focus on one of the following:

- Cashless payment solutions: such as PayPal (online payments), ApplePay (e-wallet), Visa or MasterCard (credit/debit cards) and cryptocurrency exchanges with payment solutions such as BitPay (US). Most offer instant electronic transactions 24 hours a day, 7 days a week, but these are subject to fraud and data theft. However, none of them are designed to make instant micropayments of cryptocurrencies. Furthermore, they are ultimately mediated by the bank, which increases brokerage costs and delivery time to the merchant and usually takes between 1 and 8 days. **They charge a 1% to 7%** commission for each transaction on average, compared **to 0.20% for Eurocoinpay**. Additional monthly fees are commonly applied to merchants, while our service is free, totally secure and is not subject to fraud/misuse, providing confidence to users.

• Although these fees cannot be a problem for merchants based on e-commerce or large sums of transactions but daily payments for services in the store are not valid.

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5. SOLUTION

Eurocoinpay offers a real-time service that minimizes transaction costs by eliminating both intermediaries (platform, gateways, banks, etc.) and Blockchain miners' fees. This solution allows **merchants to receive payment instantly**, which helps them to better manage your supply chain and day-to-day operations. Our low priced service can especially affect small merchants, who generally cannot afford to adopt these new payment methods.

It also **allows users to pay with the currency of their choice and merchants to determine in which currency they receive** the money. All users are able to manage their wallets and change their cryptocurrencies inside a single service. Thanks to our innovative technology and unique concept, **Eurocoinpay is a comprehensive micropayment service and the first to solve cryptocurrency usability problems.**

Eurocoinpay unique concept integrates a payment and exchange application. It offers a superior service to available alternatives up to **200-300% cheaper**, capable of bringing cryptocurrency into daily use. It avoids third party mediation and mining costs, where transactions are performed in **real time!**

6. ECOSYSTEM EUROCOINPAY

We have developed **Eurocoinpay** an ecosystem of disruptive, secure and decentralized payment, which **allows you to make and receive micropayments in the currency of your choice. It can be in cryptocurrency or FIAT (Euro without fluctuation), in real time and without the cost of mining.** Our digital platform interconnects merchants and consumers directly. It **eliminates intermediaries**, such as buyers, issuers and payment networks, from the payment value chain. This enables **an efficient, fast and secure payment process at low transaction costs.** Eurocoinpay is designed and developed through the innovative "block-free ledger" technology based on **Ethereum Blockchain (ERC20) and IOTA (Tangle) technologies**. It solves the **generation of micropayments and transactions instantly with no mining costs**, allowing us to be highly competitive.

Furthermore, our solution is secure and transparent for payments by design through the use of smart contracts. It avoids possible pirates or misuse. The **Eurocoinpay** is much more than a payment gateway. The **Eurocoinpay** payment application is part of our SME Instruments Project, but we also developed a unique ecosystem that offers different services. These services are associated with the company to not only make payments flexibly, but also to manage cryptocurrency wallets: **Eurocoinpay is a global service for investors in cryptocurrency.** Our main competitive advantage is our unique ability to perform real-time transactions at minimal costs.

Eurocoinpay is a unique payment platform that provides daily usability to **cryptocurrencies** users. It gives us an excellent trading opportunity and a valuable competitive advantage because we are building a market innovation capable of driving the real economy.

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6.1. Payment application for iOS & Android

We provide the first application in the market **that allows users to pay with any kind of cryptocurrency** in any accredited establishment. The payment can be made for any amount and at the same time allows the business to choose in which currency it would like to receive the payment. The application (iOS and Android) provides information from nearby stores that accept Eurocoinpay. It serves as a digital network, providing added value and visibility to merchants.



"Imagine being able to pay for your coffee with your Iotas wallet, your supermarket shop with Ripples, your haircut with Ethers, dinner at your favourite restaurant with Monero, petrol for your car with Eurocoins and a night in a hotel with Bitcoins, always being able to make the call yourself and based on your own personal criteria."

Available on the App Store

ANDROID APP ON Google Play

6.2. EurocoinToken: Token for the Global Project

EurocoinToken (ECTE) is a token card created by **Eurocoinpay** that serves as an exchange currency in the international market. EurocoinToken will be listed with added benefits on our payment application. Likewise, its value is speculative and associated with the supply/demand of the market. It is supported by all the business lines of the organization.

- Payment gateway App
- Exchange
- Refuge cryptocurrency

6.3. EurocoinBroker: Exchange & Wallet

Exchanger that allows you to buy and sell the main cryptocurrencies in the market, change the currency automatically and use them as a form of payment for daily purchases through our payment gateway. This allows you to use the cryptocurrency for daily expenses.

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The second semester of 2019 will see the availability of our new Exchange. It will be adapted to the current ux-experience trends. The user, together with the payments application will be able to use the balances of his cryptocurrencies for his daily life.

> "The only exchange with balances that can be used to have a coffee, go to the hairdressers, eat at a restaurant or fill up your vehicle with petrol."

With the aim of offering our community an easy way of exchanging and storing their favourite cryptocurrencies, we will expand their capacity in an intelligent, progressive way. Our wallet will support all the cryptocurrencies considered relevant on the market.

6.4. EurocoinCash: Refuge cryptocurrency

EurocoinCash(ECH) is a cryptocurrency created by the **Eurocoinpay,** with exact parity to the Euro (1 ECH=1 €). It will be used after its launch in 2019, so that users and investors can use it as a refuge currency against a possible fall in the market or against any operation in which they want their money not to suffer the volatility of the market. Since its value is guaranteed by Fiat money, it also provides support for the capitalization of the company.

6.5. Eurocoinpay Debit Card

All users can order a cryptocurrency card for their own use. This card can be used with the balances of the cryptocurrency wallets to pay or to withdraw at any ATM machine, anywhere in the world.



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7. EUROCOINPAY TECHNOLOGY

Despite the exponential growth of the internet, as well as Blockchain, the mechanisms for carrying out transactions through micropayments on **Blockchain** have certain limitations, and so in practical, day to day life there are very few services that can offer this solution. Those that currently exist are focused on a certain segment or have a specific target.

What's more, there are currently no high-speed and truly scalable transactions services with zero transactions costs that are convenient and private. **Eurocoinpay** truly is an integral solution to the mechanics of micropayments. Our solution introduces a radically different focus to ensure that it is performed in a balanced and cooperative manner. As a result, any point of sale can use our decentralized, anonymous, secure and trustworthy platform.

The following is a list of all of the parts that make up the **Eurocoinpay** Ecosystem:

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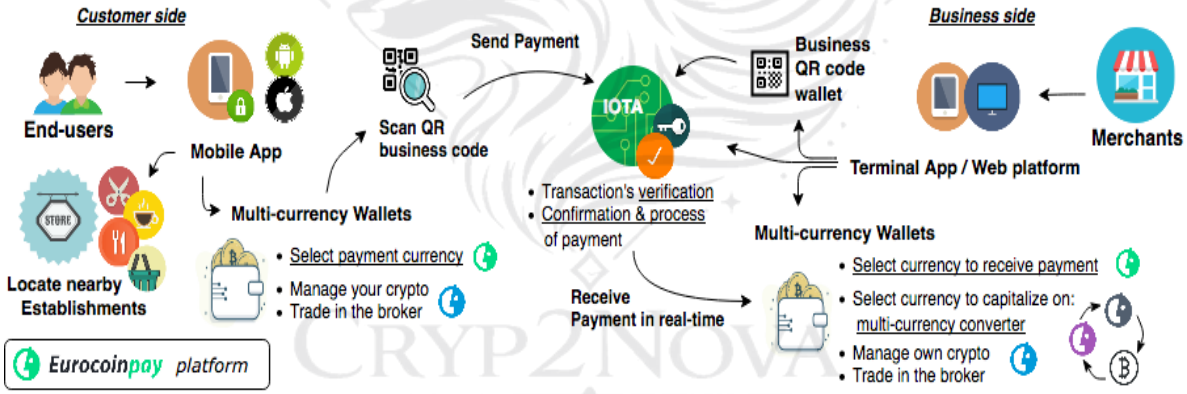
- Point of sale, the business establishes a connection to our platform through a web browser (a dedicated PC is recommended), for better performance and adaptability.
- Entering our web platform, access the payment with an ID, a unique identifier that **Eurocoinpay** provides, and, at the same time, is linked by a key to your cryptocurrency wallet.
- Within the Platform, you should first establish your preferences, selecting the cryptocurrencies that you will receive from clients. It's important to clarify that each cryptocurrency will then have its own wallet on the platform.

Once you have established your preferences for cryptocurrencies to accept, you should select the cryptocurrency you want to capitalize on. You can establish real time conversion to one or two cryptocurrencies of your choice and, whenever you want to, carry out this conversion.

It has the same control panel with the real time prices of the cryptocurrencies selected in your preferences so that you can keep control of your balance.

Once your preferences are established, the node can start to accept micropayments in any kind of cryptocurrency and convert it into your preferred cryptocurrency. Four aspects are prioritized.

- Speed of transactions for micropayments.
- Low cost of micropayments.
- Scalability, exponential growth.
- Flexibility of user preferences.



We believe that with these solutions within grasp any business, whether big or small, will be able to increase its client base and gain its loyalty, as well as increasing the volume and value of micropayments.

The **Eurocoinpay** is being built taking into account the mass adoption of micropayments from inception. In this general vision we've tried to demonstrate the technical solutions that can be used to provide the final user with opportunities that haven't been seen before and smooth out the path for the quick adoption of the technology of the things of internet and the internet of value.

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7.1. Tangle mechanism

IOTA Tangle is a directed acyclic graph, which means it's an open distributed ledger.

You can see IOTA Tangle live here: https://thetangle.org/

Each transaction sent should carry out the proof of work for the two previous transactions and confirm it. These two transactions are referenced contextually as the branch and the trunk. Have a look here for more details: http://tangle.glumb.de/

Here we can see what happens in the transmission of a transaction to Tangle. Each transaction has a load capacity which is used to retain the data uploaded by the Storage User. The transactions are propagated through a network of nodes that have looked at each other, whilst each node keeps a redundant copy of the transactions.

This leads to a large quantity of redundant copies of data, largely mitigating the risk of data loss without depending on a centralized system. IOTA Tangle has a lot of innovations on its roadmap, specifically Swarm Intelligence.

Swarm Intelligence is relevant for **EurocoinToken** because it eliminates the bottle neck that each Tangle node requires to maintain the whole of the larger book. It is similar to the transition of a configuration of a RAID 1 disk array to a RAID 10 configuration. The implementation of Swarm Intelligence strengthens the scalability of **EurocoinToken**.

The bandwidth of the network is the rarest resource related to the trustworthiness of the data in the whole Tangle. A Tangle node is intrinsically restricted by its network interface bandwidth. The **EurocoinToken** has the aim of confirming the data in a more trustworthy way with Tangle.

Tangle nodes that adhere to the specifications of **EurocoinToken** are called Broker Nodes. The intermediary nodes act as a bridge from the net of web nodes to the storage users (points of sale).

The data is stored in the Tangle in ~ 1 KB sections within the useful load of the transaction. A hash SHA256 is the reference base for storing and recovering data in Tangle. When a hash SHA256 has been selected to represent data it takes on a trinary form to represent the recipient address of the transaction.

To recover the *Tangle* data, the hash newly converts itself into a trinary form to show the address of the recipient, and then all of the transactions are recovered. The transaction with the oldest emission time contacts the data load that represents the hash selected.

7.2. Initial storage of archives in Tangle

When a storage user wants to upload a file through **EurocoinToken**, the file is divided into parts and encrypted locally in the browser. This isolation ensures the impossibility of a malicious user to retrieve the data since it can only be accessed with the corresponding encryption key, which is known as the handle.

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The first 8 characters of the handle represent the name of the archive. This is usually copied from the name of the archive uploaded to the browser but can also be personalized by the storage user for their own reference purposes.

The Primordial Hash is a SHA256 that's 65 characters long. It's a random entrance hash generated by the browser of the storage user with as much entropy as possible. The last 8 characters of the handle are the cryptographic salt that differentiates the Primordial Hash from the general encryption key.

This is used to protect data even further in case the Primordial Hash is subject to a future weakness in a hash function or a rainbow table attack on the Genesis Hash. Therefore, the complete hash of 80 characters is the whole encryption key used to cipher and decipher the separated parts of the data.

The **EurocoinToken** also allows for the addition of a password phrase into the encryption scheme. The Primordial Hash initiates a sequence of hash SH256 that represents divided sections of the data. The data is divided first into ~ 1 KB parts, and then each part is individually encrypted with the whole hash as the key. Each part is sequentially represented by a Hash iteration (Genesis, N1, N2 etc.), and finally presented as a Tangle transaction, each one by two intermediary nodes.

The storage user sends the Genesis Hash value to both intermediary nodes. The Node Broker is designed to compromise the data map that works downwards from the Genesis Hash (Alfa Broker node) whilst the other (Beta Broker node) is designed for compromising the data map upwards from NX Hash (X represents the last iteration in the sequence).

In a predetermined manner, the intermediary nodes selected are responsible for carrying out a proof of work to add each data section to Tangle. The Tangle address used to send the transaction is the trinary form of the corresponding Hash iteration (Genesis, N1, N2, etc.) of the sequence. However, the intermediary nodes can delegate the proof of work tasks to web nodes if there's enough demand for brokerage of point to point connection and new Genesis Hashes.

7.3. Collaboration of Web nodes and intermediary nodes

One of the main interactions that take place within the **EurocoinToken** ecosystem is the Web Nodes carrying out a large quantity of the work checks as payments for transacting the information of another web platform, nodes and intermediary nodes. Therefore, Web Nodes need constant access to the Tangle in order to operate correctly. If it may be technically possible that one day the Web Nodes might directly access the Tangle, the current implementations of the Java library and the limitations of hardware/bandwidth can restrict the Web Nodes to being thin clients of the Tangle network. This means that they need an intermediary host of a thin client to deal with Tangle requests and deliveries.

7.4. Tangle Light Client

The **EurocoinToken** requires the intermediary nodes to attend to Tangle requests through SSL. This is due to the expectation that the majority of the websites that use **EurocoinToken** will be hosted through SSL. Therefore, logically web node transactions should be done through SSL and any entrance and exit of communication should be through SSL.

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The intermediary nodes also allow the web nodes to interact with other web nodes directly in peer-to-peer connection. Because of this, the PeerJS Library is used based on the WebRTC Standard. Therefore, a EuroBroker node runs the software of the PeerJS server to allow the web nodes to communicate with one another directly.

The web nodes are constantly in demand by Genesis hash, especially the new ones. The Node finished a session of uploading achieves with a storage user and the Broker node keep the Genesis Hash. When the EurocoinToken network is in a typical state of balance the intermediary Nodes can always retain an excess supply of new Genesis Hashes, whilst the web nodes are are constantly demanding Genesis Hashes.

Rather than freely giving away Genesis Hashes, the Broker nodes stipulate a large quantity of proof of work that should be done in exchange. This is principally done to prevent the malicious use of actors to easily gain these Genesis Hashes.

Therefore, the additional load of proof of work means that it is even more unprofitable for malicious actors to be looking for Genesis Hashes from intermediary nodes. The requirement for proof of work also eliminates dependence on altruistic behavior, which **EurocoinToken** avoids.

The WebNodes use the HTML5 local storage guidelines to retain data, including the Genesis Hashes that they know. If the space permitted by the local storage guidelines is saturated, the web node will start to prune the data eliminating Genesis Hashes that have fewer aspects that make them profitable for the owner of the website.

The migration of Genesis hashes from intermediary nodes to web nodes is vital. When a loading session is completed with the Storage User, the Genesis Hashes exist momentarily only in the two EuroBroker nodes of the session.

The positive consequence of Web Nodes in search of Genesis Hashes is that it ensures the existence of Genesis Hashes between the **EurocoinToken** network, which, therefore eliminates the initial risk that exists when the Broker Nodes exclusively maintain the Genesis Hashes.

If a Genesis Hash is forgotten by the collective conscience of the **EurocoinToken**, it won't be kept with proof of work. Therefore, the Tangle will no longer be responsible for retaining data during a prolonged period within its topology of nodes.

7.5. Conclusion

EurocoinToken is designed and developed through cutting-edge technology to resolve the generation of micropayments, transactions that are quick with no mining costs, accessible for storage and development and implementation of decentralized applications.

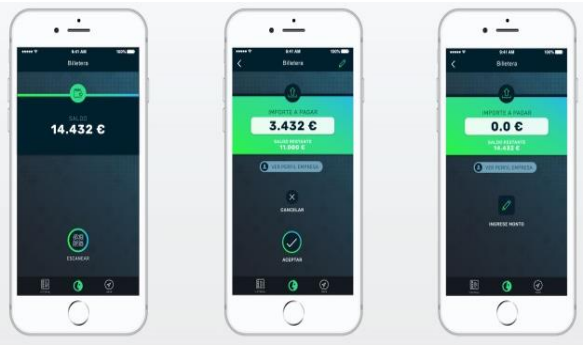
In the same way that Ethereum Blockchain provides a direct framework for the creation of Tokens, **EurocoinToken** provides a direct framework for accessing a network decentralized mesh network.

The web nodes are everyday computers and smart phones, working through a browser. They communicate directly between themselves. They only need an occasional connection to the intermediary nodes. They automatically choose neighbors with lower latencies, which leads to generally optimised node topology. The extensions can be built with JavaScript, a popular

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language that's easy to use. Therefore, the developers can gain access to a world made up a net in mesh form.



"Eurocoinpay accelerates micropayments and transactions through an innovative technology with projections for the future and real scalability, on the one hand the speed of Iota-Tangle and on the other the potentiality of the automation of smart contracts of Ethereum. Our system makes it intelligent, quick, safe, automatic and efficient, at the lowest possible cost for the user."

8. APPROACH OF OBJECTIVES

8.1. Short term

Guarantee our clients and future users secure participation in our symbolic sale, solving problems of scalability and demonstrating a platform secure from DDOS attacks and phishing.

Demonstrate an open and homogeneous participation structure so that all participants have the same opportunity to acquire our tokens during the ICO.

8.2. Medium term

Finalize the implementation of our "Payment gateway" within the Smart Contract to any SME or business in the world using their currency of choice.

Broaden the support capacity of our wallet to integrate the main cryptocurrencies in the sector, as well as offering continuous support to our users and guaranteeing the revaluation of the tokens in external exchanges and in our own Exchange.

8.3. Long term

Position the tokens (ECTE) amongst the main cryptocurrencies with market capitalization, creating a strong community and broadening our portfolio of services, as well as the consolidation of **Eurocoinpay** in different events focused on the digital economies.

8.4. Appearance in Internet Exchanges

Before beginning our symbolic sale, the team of **Eurocoinpay** worked tirelessly to reach the standards required by the market's most recognized exchanged, fulfilling each one of the requirements. The security protocol and exchange policies of our Token are met as their main aim is to feed our ecosystem.

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On the other hand, we maintain contact and close agreements with the exchange houses that seek to integrate our Token in their platforms. These include those already mentioned in point 8.4, immediately after our symbolic sale we will communicate to the exchange platforms to market our Token ECTE.

9. VALUE CHAIN

The pioneering technology that makes Eurocoinpay a reality was developed by t he company itself. The development of the application software and the virtual office have been carried out by our team. This has been supported by software collaborations and web developers, as well as support such as IBM.

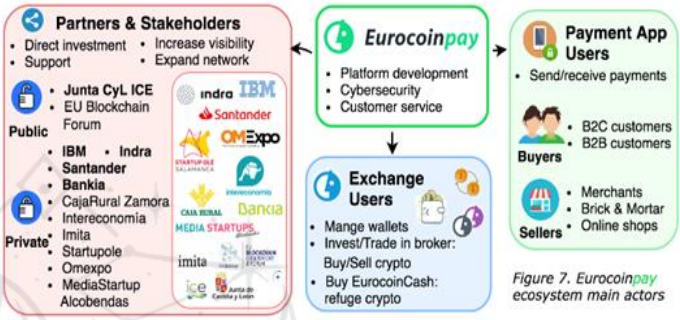


Figure 7. Eurocoinpay ecosystem main actors

In addition, the following stakeholders will be the key to a successful entry into the Eurocoinpay market:

Consumers:
Users of our platform can pay in online/offline shops and trade/cryptography via our stock exchange. We already have more than 4,300 users, through our EurocoinBroker as well as a niche of 400 million potential users in the EU.

Merchants:
Accept Eurocoinpay as a payment system in your offline/online shops. We have established commercial synergies with leaders such as Zara (Inditex, the world's largest clothing retailer), Repsol y Carrefour, Decathlon through their purchase gift cards, and we are looking for similar partnerships with small and medium-sized merchants.

Partnerships:
We have established key collaborations with IBM (through the Global Entrepreneur programme): access to its network and leading technology expert advisors from the government agency Junta de Castilla y León ICE. They provide direct investment; as well as Banco Santander, Bankia and Caja Rural de Zamora, which support the capitalization of Eurocoinpay...

Political decision makers:
Define the legal framework in which the Blue Code operates. The main stakeholder is the European Commission through initiatives for the integration of payment services at EU level (PSD2). The EU Observatory and Blockchain Forum and the Fintech Action Plan will be key to facilitating our entry into the EU market.

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Other market members:
Consultants and ambassadors promoting the Eurocoinpay project ensure visibility through their channels. They help us to engage key opinion leaders and partners. Including Intereconomics, Expansion, Media Investing, consultants such as Imita or business technology events such as Startupole, Omexpo, MediaStartup Alcobendas, MediaValencia and Finnovating. Laureate: "Project Wonderful" Smart Cities 2018 an Innovative Startups. **We obtained an** outstanding score of 13.05 and a Seal of Excellence in the last call H2020 of the CEE.

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10. ROAD MAP

DATE	CONCEPT
September 2016	- EUROCOIN® Brand registered in the EU
January 2017	– Foundation of EUROCOIN Broker, S.A.
April 2017	– Public presentation and launch of **Eurocoinpay** ® as a virtual currency
August 2017	– Developed the creation of the **Token Eurocoin** for **Blockchain** of Smart Contracts
September 2017	– Development and change of image of **Eurocoinpay**
March 2018	- Initial offer of tokens: **EurocoinToken** reservation. - Protection against Hacks and DDOS. - Innovation and development of new investment platforms that will offer bonds to the holders of the Token ECTE.
2018	– Own and external Exchange system for cryptocurrencies and direct purchase on our platform.
	- Development Token Ethereum (ERC20), compliance with the standards for the creation of an ICO, development of the White Paper, strategic alliances with software developers, security systems and implementation of the website and virtual Office. - Partnerships with more investment companies and gateways - Implementation of multi-Token wallets within our platform, which support the main cryptocurrencies of the market: Ethereum, Bitcoin, Ripple, Litecoin, Monero, Dash, Zcash, Token ERC20.
November 2018	- Implementation update of BackOffice. - Development of the wallet in APP native for Android & IOS 100% functional. - Implementation of Anti-Hack in Mobile Wallet. - Development and implementation in the market of a payment system with any crypto in any business and / or premises.
January 2019	- We started the Token ECTE trade in the International Exchanges that we will publish and announce. - List of EurocoinToken in CoinMarketCap and CryptoCompare.
2019	– Commercialization of our Smart Contract through multinationals, SMEs and businesses so that globally they can make their purchases and cryptographic transactions through the **Eurocoinpay** payment gateway using our **Blockchain.** – Development of our own **Eurocoinpay Exchange** – Market release of **EurocoinCash (ECH)**

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11. TEAM



Herminio Fernández
CEO&Faunder



Marisa de la Fuente
Partner and Founder &CFO



Rafael Cuadrado
COO



Chema Nieto
CMO



Eugenio Andrés-Magic Data
Software architect



Beatriz A. Ruiz-Magic Data
Software Engineer



Sebastián Nielsen
iOS and Web Developer



Marcelo Pignataro
Full-Stack Programmer



Fco. Javier Robles
Support/Programs



Tomas Spoturno
Ui/Ux Designer



María del Mar Turiel
Administration



Susana Higueras
Customer Support



Alberto Saavedra
Strategic consultant



John Gontier
Communication Manager



Peter Somweber
Expansion Strategies

The team has an entrepreneurial spirit and a solid background in business development, management, IT, Blockchain, programming and graphic design. Our purpose is to provide fast, transparent and secure transactions and contribute to creating a free and decentralized economy. Eurocoinpay is our breakthrough. We obtained an **outstanding score of 13.05 and a Seal of Excellence in the last call H2020 of the CEE**. Since then, we continue the development of our project, obtaining new results.



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12. QUESTIONS AND ANSWERS

Why should I invest in Eurocoinpay?

Eurocoinpay is backed by real companies and investors, unlike many cryptocurrencies which come onto the market with no value. This is a project that's focused on offering true usability to all of the currencies in the cryptographic world through the first application on the market that will allow payment and charging in the cryptocurrency desire in any business.

How many ECTE tokens exist?

We have generated a total of 100 million **EurocoinToken.**

Do you have White Paper?

Yes, our White Paper has been developed and evaluated by various experts in the legal and technological fields to show the users and people who decide to bet on our project in the future our vision and value proposal.

Where will I be able to trade my EurocoinToken?

Currently ECTE tokens can be traded in the following international Exchanges:.







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13. PRIVACY POLICY

Eurocoinpay does everything within its power to guarantee the maintenance of the privacy, confidentiality and safety of its clients, both in interactions for the public sale of Token and in registration on our platform, as far as is possible for the company.

1. When you register on **Eurocoinpay**, each client accepts to provide the company with certain private information that we use to confirm the identity of client KYC and for protect the security of your deposits on cryptocurrencies and your transaction account. This information is collected in line with our strict verification procedures that are used to prevent international money laundering operations and to guarantee the security of the commercial activity of our clients at all times.
2. Our clients commit to provide precise, up to date information about their identity. They also have the obligation to categorically declare that they are registered and traded in

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their name and that at no time will they act fraudulently or steal the identity of another person, whatever the aim.

3. **Eurocoinpay** data collection procedures include the collection of the information that the clients freely provide to the company and the use of cookies to collect data about how the clients interact with **Eurocoinpay** website. These tools for the collection of information from the client are used to guarantee the security of the client. All of the data collected by the company is shared with the company's personnel that are involved in the verification of the account information of the client with the express motive of providing the client with confidentiality and security.
4. **Eurocoinpay** never shares private or confidential information about our new and previous clients with third parties without their express consent, except in specific cases in which said information must be revealed by law or it's necessary to carry out an analysis of the identity verification of the client to safe guard their account and protect their personal information.
5. By registering with **Eurocoinpay** and voluntarily cooperating with **Eurocoinpay** products and services, you accept and consent to the use, in whole or in part, of the information provided by **Eurocoinpay**. In connection with your transaction account, transactions made through this account and transactions made with the company will be stored for record-keeping purposes. The Company may use it in the event of conflicts between the Customer and **Eurocoinpay**.
6. **Eurocoinpay** does everything within its power to guarantee the confidentiality of the personal information of its clients, including the implementation of procedures of data protection designed to guarantee confidentiality. **Eurocoinpay** ensures that its data protection policy is updated periodically to guarantee that the confidential information of the client is continually protected.
7. Sometimes, **Eurocoinpay** might communicate with clients by email to provide them with more information about the financial market or relevant transactions. Clients agree to receive these communications when they accept our terms and conditions of use during the process of registering with **Eurocoinpay**. Those who don't want to receive these additional messages from **Eurocoinpay** can communicate with the company by email.

14. CONSULTANCY

Any information contained in the Whitepaper of **Eurocoinpay** shouldn't be seen as commercial promotion, legal information or financial advice with respect to **Eurocoinpay**, the CEO, the ECTE Token or the initial sale of the ECTE Token.

The Whitepaper is not a contract or an investment agreement, which means that this document can't be considered an investment or any other kind of contract and having it cannot be a base for investment or for making a decision to invest.

If you're not sure when it comes to making an investment decision, you should consult professional advisors, whether financial or legal, with respect to **Eurocoinpay** and/or the CEO and its respective operations and businesses like the **EurocoinToken** or Eurocoin Broker.

You should consider the financial risks and benefits that the purchase of our tokens might involve for an indefinite period of time and that losses could result in the case of unforeseen circumstances or the interference of external factors, described in the Whitepaper.

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15. RISK AND UNCERTAINTY

The potential tokens acquirers of the **EurocoinToken** (mentioned in the Whitepaper) should take into account the possible risks and uncertainties that can be associated to **Eurocoinpay**, its CEO and their respective businesses and transactions, the **EurocoinToken**, the initial sale of the **EurocoinToken**, the **Eurocoinpay** Wallets, all the information in this Whitepaper and the Terms and Conditions for the purchases of **EurocoinToken**.

If any of these risks and uncertainties regarding **Eurocoinpay** and its CEO and their respective businesses come to pass and could affect **Eurocoinpay** and/or the CEO materially in a way that adversely affects the interests, you could lose all or part of the value of the **EurocoinToken**.

COMMUNICATION CHANNELS AND SOCIAL NETWORKS

Anyone who wishes to have at their disposal, all the information on our website
https://eurocoinpay.io/
As well as staying informed of the project process in our social networks
Facebook: https://www.facebook.com/eurocoinpay/
Instagram: https://www.instagram.com/eurocoinpay/
Twitter: https://twitter.com/eurocoinpay/
Medium: https://medium.com/@eurocoinpay
LinkedIn: https://www.linkedin.com/in/eurocoinpay/
Telegram: https://t.me/eurocoinpay_io
Blog: https://eurocoinpay.io/blog/

We appreciate all kinds of suggestions, comments and questions!

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