



CRIPTOKUANTICA

ASSET TOKENIZATION

HOW TO ISSUE DIGITAL NET WORTH IN BLOCKCHAINS

ACADEMIC BROCHURE

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AUTHORS

*In **Criptokuantica**, we have the best professionals in each area who work in coordination in order to maximize quality standards.*



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ABOUT CRIPTOKUANTICA

“The ecosystem for the creation of the maximum liquidity Tokens.”

The assets tokenization has gradually been involved in the business world. Moreover, there have appeared tens of platforms which provide tokenization services and trading of tokens.

This trend is bound to continue in the short term, even more when the World Economic Forum (WEF) forecasted that by 2027, 10% of the global gross domestic product (GDP) are going to be tokenized. This leads to an exponential growth of tokens, which implies that they will have the nature of commodities.

As far as Criptoquantica is concerned, a Token will never be a commodity.

Our goal is to create liquid tokens of the highest quality, with careful attention to every detail, so that a distinct token will always exists in the market. In order to accomplish this, our process begins with a strict analysis of the economic viability, fundamentals and commercial workability of the project; this usually means that, on average, only one third of the projects manages to pass it.

This concept of quality is reinforced not only with a solid strategy of communication and Crypto Marketing (attributes of Criptoquantica), but also with the development of lead generation mechanisms, liquidity and interoperability of the token.

CRIPTOKUÁNTICA EXPERIENCE

Our experience speaks for ourselves. Since 2017, we have carried out projects in all kinds of markets and industries, tokenizing assets as varied as:

- **Patents:** tokenization of cash flows during their useful life
- **Renewable energies:** tokenization of a portion of the invoice of energy efficiency projects in order to apply such tokens to social programs that assist underprivileged groups.
- **Communities of residents:** tokenization of beneficial interests coming from business within urbanizations.

- **Education:** tokenization of knowledge that students acquire from a platform.
- **Environment:** tokenization of air cleaning records, this air cleaning is performed with the latest technology urban equipment.
- **Catering:** tokenization of cash flows from chain restaurants.
- **Real-estate:** tokenization of loans made to backers/developers in order to fund construction works.
- **Universities:** tokenization of internship hours that students are required to perform in companies.

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DEFINITION AND BENEFITS OF TOKENIZATION

There should be explained some basic concepts in order to understand the implications of an Asset Tokenization Process.

What is a Token? It is the digital representation of a share of an asset, meaning that a token represents a part of its actual value.

Thus, tokenization is a process where an asset value is transferred in a fragmented manner. Because of this, its essence and logic of the 3D world (now tokenized) emerges from its current place to a new ecosystem (or “layer”) where now that essence will be a digital representation of that value.

Figuratively speaking, tokenization is like the process of absorbing the liquid content of a jar vaccine in order to fill a syringe. Subsequently, the jar will be empty and represent the tokenized asset. However, it has no content at the moment, so it has no value. Both the jar and the syringe still exist, but now the former is empty and the latter fills with the same content: its value.

Besides this characteristics, there exist important benefits when an asset is tokenized:

- **New ways to inject liquidity** into the world of business. New financing sources are enabled for business plans or investments outside of the institutional system of credit. Placing tokens in the Crypto Investor market (through Marketing) makes such funding possible, without the need of using the traditional financing system sources: capital increase or debt subject to the central authorities of the case.
- **In parallel**, being a disruptive innovation designed by this ecosystem, tokenists will be able to benefit from liquidity with the need to dispose of their cash positions. So as to accomplish this, “Liquidity Pools” are created specifically for every token.
- **Reaching global markets** by attracting foreign investments for national projects through the traditional sources is neither simple, flexible nor economically viable. However, this will not be the case in the current crypto world once the KYC (Know Your Customer) and AML (Anti-Money Laundering) controls have been made. After placing the tokens in a massive and fragmented manner via the Criptokuantica platform, funds could be instantly received in any part of the world.
- **The key of success of a tokenization** relies on the right structuring of: a) solid foundations of the underlying business, b) tokenomics or hard numbers from the token’s attractiveness, with consistency in its design and attractive ratios, c) proper Crypto Marketing and, mainly, d) well-functioning liquidity mechanisms integrated since the genesis of the process.

In **Criptokuantica**, our specialty is the systemic approach of this variables, with a high-level design of tokenomics.

TOKENOMICS

The concept “tokenomics” springs into life only in the crypto ecosystem. This is one of the most important factors to keep in mind in any transaction, since tokenomics mirror the economic flows that tie the business model with what the token stands for. In other words, good tokenomics must provide attractive profitability for both the holder and the tokenist who acquire it for themselves. The tokenomics’ design is a complex one, because its quality is a decision-making element for the project’s success.

From this moment, Criptokuantica reaches a solid distinction.

TYPES OF TOKENS

The main classification of tokens refers to what they represent, having two clearly different types:

Utility Tokens or Functional Tokens (wrongly translated into Spanish as “Tokens de Utilidad”): these tokens are the access to a product or service.

Security Tokens or Financial Tokens (wrongly translated into Spanish as <<Tokens de Seguridad>>): This type of tokens stands for financial, equity or debt instruments, having an underlying asset or project that are directly or indirectly related.

The latter are the ones which result in STO (Security Token Offering): these are transactions done to raise market funds (through Initial Public Offering or private placement) of digital financial instruments, termed also as “tokens”. In Criptokuantica, these tokens will be liquid from the beginning. Moreover, the tokens created by Criptokuantica could be settled on any occasion, enabling investors to be drawn to invest in any kind of entrepreneurships.

Digital Assets: features from Utility and Security tokens combined.

STO OR TOKENIZATION OF FINANCIAL INSTRUMENTS THROUGH INITIAL PUBLIC OFFERING

In Criptokuantica, STO are placed through Initial Public Offering and used in order to finance and/or capitalize entrepreneurships. However, STO must comply with the European regulations established by the Spanish National Stock Exchange Commission (in Spanish: “Comisión Nacional del Mercado de Valores” or “CNMV”), being necessary to organize a Spanish company which will be the token issuer of the STO of each one of the Criptokuantica’s clients.

REGULATIONS FOR SECURITY TOKENS

On the one hand, Utility Tokens don’t have their own legal treatment, they lack financial regulation and are subject to the compliance legislation in each territory. On the other hand, Security Tokens are subject to the financial regulation established by the Spanish Security Market Law (in Spanish: “Ley del Mercado de Valores de España” or “LMV”). When issues exceed 5 millions of Euros, said law requires tokens only to be acquired by qualified investors, under the motions provided by the Spanish National Stock Exchange Commission. This institution’s intention is to protect citizens from poor-quality scammers and fraudsters, also known as “shady companies” (in Spanish “chiringuitos financieros”).

In order for regulatory bodies to approve the issues of tokens through Initial Public Offering, there needs to have solid tokenomics from the business to be tokenized, and to also provide security to the public crypto investors.

WHAT IS A SECURITY TOKEN OFFERING (STO)?

A Security Token Offering is the placement in the market of digital tokens, representative of the property owned on the value of an associated asset. Unlike an ordinary token, Criptokuantica manufactures Regulated Financial Products. Thus, investing in this type of tokens will establish unprecedented securities in the world of business, meaning that several countries (that comply with the formal regulations for their issuance and circulation) will be joining progressively.

Unlike ICO (Initial Coin Offerings), which are mere promises of value within poorly regulated frameworks that have resulted in dishonest transactions, Security Tokens must reflect (in a decentralized and instant manner) the financial status and/or progress of the project or business which they represent. In order to support this, Criptokuantica will have credit rating agencies acting as objective assessors; recurring reports will be issued so as to validate their quotes.

BENEFITS OF A STO IN THE REAL ESTATE BUSINESS

- **Legal framework** of innovation that allows the access to global capital markets, providing the right transparency for all parties.
- **Through the fractioning of the underlying real estate's value**, little investors will have access and also will be able to create their own basket token (with single affordable amount), which will enable them to take part in real estate projects around the world.
- **Secondary markets with liquidity and agile organization**, since Criptokuantica brings the world of DeFi (decentralized finance) to the structures of its tokens. This enables the instant liquidity of tokens, releasing the investor from being subordinated to the times of underlying projects of each tokenization; hence the traffic, liquidity and valuating loop will be strengthened, improving the performance of the project to be financed.
- **Transparency and accessibility** to the markets 24/7, with guaranteed traceability, thanks to the technology Blockchain by which its tokenomics are sustained.

PROCESS OF ISSUING A STO

1-Economic and Business Feasibility Analysis.

“**Acceptance filter**”: We will carry out a detailed study of the current **Business Plan** and project market for possible readjustment in the future.

2-Design of Tokenomics and crypto-economy models.

- -Economic and financial foundations of business
- -Location and selection of underlying collaterals and assets in the business.
- -Design of tokenomic structures
- -Design of incorporation mechanisms with the DeFi universe in order to enable afterward the interoperability and liquidity of tokens.
- -Design of mechanisms for the generation of traffic and valuation of tokens.

3-Legal and tax structuring.

Both legal and tax planning, design and structuring in accordance with each country’s regulation, along with the documentation required by local institutions and the Spanish National Stock Exchange Commission; empowering the launch of a STO by Initial Public Offering.

4-Asset digitalization.

Design and creation of Smart Contracts which support the creation of tokens, balancing the market requisites with the investor rights and possible guarantees.

5-Design of Marketing and Communication campaign.

Criptokuantica is the only tokenization company that has its own team specialized in **cryptomarketing**

Development of **press coverage and communication campaigns**, design of conversion funnels, incorporation of **omnichannel strategies**, along with the monitoring and optimization of campaigns during a STO lifecycle.

6-Launching of a STO through Criptokuantica.

On-boarding process, KYC / AM / Whitelists control and token purchasing options through multiple channels. Protection of non-issued tokens and distribution of profits among tokenists.

7-Guidance in fundraising.

Those projects chosen by **Criptokuantica** will have a **personalized guidance**, from the pre-sale stages to the closure of the STO and later management system of dividend distribution.

8-Launching of liquidity pools.

Criptokuantica establishes itself as the service with possibly the greatest impact and added value for the tokenist

through DeFi protocols, which will empower the investors to make **their tokens liquid** (without the need of being subject to delays or central authorities).

9-Post-STO monitoring.

Once the financing cycle is finished, we offer the possibility to manage the liaising with investors smoothly and in real time, this is the key for its loyalty and scalability.

INVOLVEMENT OF THE EUROPEAN UNION (EU) AND LATIN AMERICA (LATAM)

By virtue of personalized tax and financial engineering, Criptokuantica aims to reach where no one else does; succeeding in financing projects not only in Europe but also throughout Latinamerica, thanks to the STO launched in Spain. Another advantage from Criptokuantica is that the Spanish CNMV accepts the public offering of STO with underlying projects abroad Spain, making the internationalization of funding sources stronger. The goal of this strategy is to capitalize more established and mature advantage markets (Europe), enabling the “trickle-down” to places which usually lack quality funding sources. Also, the strategy previously explained will be able to settle possible drawbacks from issuing regulatory bodies (by IPO) of different Latin American countries, since said issue is gained in Europe.



CONCLUSION

The present Brochure contains quality information about the definition and consequence of issuing a STO (Security Token Offering), and is also similar to a Guide or Road Map that describes the main prerequisites in order to issue quality and high-liquidity tokens. In the years to come, everything is more likely to be tokenized, so we must be prepared for this sudden changes. Criptokuantica will have a main role in the capitalization of these unprecedented opportunities, assisting its customers to relocate their business models to the new crypto economy, where the whole world is the new market. Hence, professionalism of high level and world-class innovative practices.



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