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# WHITEPAPER TRIACOIN

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## What is Triacoin

Triacoin is an open blockchain platform that allows anyone to create and use decentralized applications based on blockchain technology. Like Bitcoin or Ethereum, no one controls or owns Triacoin. His cryptocurrency is TRE and through reading this whitepaper you will discover the innovative features and advantages of this cryptocurrency, based on an **auto-revaluation system** in order to stabilize and increase its value progressively.



## CURIOSITY

### **Who is behind Triacoin**

The idea of Triacoin was born 5 years ago from the passion of three main members of the Triacoin community and since then they have not stopped dedicating themselves to the development of this network and their dream, convinced that it makes the difference because it stands out from the current competition. The team includes the founder Salvatore Massaro and the co-founders and main developers Giuseppe Massaro and Matteo Massaro. Furthermore, there is the general secretary Antonio Ucci and other developers, operators and internal and external collaborators.

### **Why is it called Triacoin**

On 4th January 2014, the development team chose to rename their platform in Triacoin (TRE) because it was created by three previously mentioned members, as its name and abbreviation suggests.



## Why choose Triacoin

Triacoin (TRE) is neither a clone of other cryptocurrencies nor a tool that was created with the intention of sending other virtual currencies into crisis. Although its operation is inspired by Ethereum, it was created with the aim of solving enormous problems in the context of cryptocurrencies. By analysing most of the virtual currencies currently present on the market we have noticed inefficiencies that damage the consumer, such as volatility, for example. We at Triacoin have worked hard to remove these unfavourable conditions with the goal of having a stable and steadily increasing cryptocurrency. These innovations make the TRE very advantageous. We show you these issues and how the Triacoin solves them.



## DEFECTS OF CURRENTS CRYPTO: VOLATILITY

What is the biggest defect of Bitcoin and other cryptocurrencies? Ask anyone and the answer will always be the same: volatility.

This first problem is visible to all but is often considered a necessary side effect. For this reason, we asked ourselves: who said that to be such a cryptocurrency must be volatile? It is notable to consider how the market value of any cryptocurrency swing very frequently and even drastically, which means that if today you buy 10 euros of that cryptocurrency, tomorrow they could be worth 20 euros, or maybe 2.

Why does this happen?

- 1. There is no intrinsic value*
- 2. Absence of supervision*
- 3. Absence of institutional capital*
- 4. The capillarity*

1. Cryptocurrencies do not sell a product, nor generate revenue or employ thousands of people. Generally, they do not return dividends and only a small part of the total value of the currency is going to evolve. For this reason, it is difficult to evaluate cryptocurrencies. How do we know if we are overbought or oversold? When are we faced with a good evaluation or a price that is too expensive? Without any foundation on which to base this information, we can only trust on



market sentiment, often dictated by the media making money on inexperienced viewers.

2. Cryptocurrencies are now a worldwide phenomenon and, while governments are busy hindering the sector, regulation is only taking its first steps. Such limited regulation allows market manipulation which, in turn, introduces strong volatility and discourages institutional investments, since a large fund has no guarantee that its capital is safe or at least protected by subjects with bad intentions.
3. Most big banks admit that there is some validity in the market, but they prefer to wait before dedicating significant capital to it. Institutional capital comes in a variety of forms, such as a big trading desk that has the potential to introduce efficiency and limit market volatility, or a mutual fund that it buys on behalf of long-term investors.
4. Most of the tradable offer is not in a single exchange wallet but in private wallets. A particularly large market order can bring the book of an exchange up or down, causing a phenomenon called "slippage". Due to the ability of big traders to move the market in both directions and employ tactics to encourage this phenomenon, volatility rises.



## PRICE STABILITY AND INCREASE MECHANISMS

Triacoin intends to solve these problems relating to the volatility of market value, as it is designed to maintain a stable value, without borders and restrictions but aimed only at increasing. This is made possible thanks to an auto-revaluation system based on a **collateral fund** and a **bridge system**.

- **COLLATERAL FUND**

The Triacoin collateral is a capital fund that has the potential to limit market volatility and increase its value. This fund is filled by the commissions that are applied when a transaction is made. On each transaction a variable commission percentage up to a maximum of 3% is deposited in this mutual fund, so that even in case of oversold the fund acts as a collateral to guarantee the stability of the TRE value. This collateral fund is a currency asset that includes the 7 most solid currencies in the world, this guarantees a unique stability. The currency asset consists of: New Zealand dollar, Singapore dollar, Hong Kong dollar, Chinese renminbi, Norwegian krone, Malaysian ringgit and Korean won.





- **BRIDGE SYSTEM**

The bridge system is the set of different smart contracts aimed at realizing two important functions: centralizing the price of the TRE and regulating the flow of TRE to be put into circulation. For these purposes it consists of two special systems: Central Market Price (CMP) and Gradual Release Unlock (GRU). This bridge system is decentralized on the blockchain and is based on smart contract to guarantee total regulation and security, a real immutable protocol.

- **Central Market Price (CMP)**

As we said before, the book of an exchange may be increasing or decreasing, generating a lot of volatility. This happens because there is not a single exchange where the offer is negotiated. Thanks to Triacoin's CMP system, although there is not a single exchange wallet, the system acts as a controller to bring together the prices of all the exchanges, centralizing the price of the TRE.

- **Gradual Release System (GRS)**

The GMS regulates the release of the TRE in circulation: they will be released according to the market request; their distribution will be proportionate to the transactions. The 100.000 million TRE expected on the market will be issued in circulation in a gradual and automated



way: for each transaction made, a quota of TRE is issued in circulation equal to twice the commission charged on the transaction. This guarantees stability and continuity of the market demand as well as of the value assumed by the TRE.

**Example:** Let's assume that the transaction fee is 1%. If a 100 TRE transaction is made, the commission will be 1 TRE. So, the smart contract GRS intervenes, releasing 2 TRE to put into circulation, exactly twice the commission applied.

## **AUTO-REVALUATION SYSTEM**

The auto-revaluation system has been thoroughly studied to get what makes this cryptocurrency innovative. So is named because the system is structured on an algorithm that, thanks to the collateral fund and the bridge system based on the two protocols CMP and GRS, allows the TRE cryptocurrency to increase its value progressively when transactions are made.



## **ADVANTAGES OF A STABLE AND PROGRESSIVE PRICE**

Needless to say, how advantageous this currency stability is. You will be able to understand revolutionary efficiency by yourself: stability is essential for the exchange of goods and services without the risk that the buyer or seller will lose out due to price volatility. For this reason, the remarkable difference between Triacoin and cryptocurrencies like Bitcoin and Ether, is that stability allows the Triacoin to be adopted as a payment method in any commercial context.



## TOKEN SALE TIME

By purchasing the Triacoin token your investment will be deposited in the capital fund. Part of this fund will be used for the development of the Triacoin network, the rest will be deposited for the collateral fund, responsible for calculating the introductory price and then its stability. Even during the token sale time, the price will increase as the fund grows. Its value will increase according to every transaction made thanks to the commissions applied. After the token development and token sale time the introductory price of the Triacoin cryptocurrency will be given by the capitalization of the collateral fund and the amount of tokens sold. At this point, for those who have invested, it will be possible to redeem the tokens purchased into cryptocurrency TRE at the current price.

**Example:** Alex buys 100 tokens for €1 each, then invests €100. Assume that once the token sale time is over, the token is worth €1,2. So, now Alex's investment is worth €120. Assume that the introductory price of the TRE is € 0.8. Alex exchanges his 100 tokens worth €120 in Triacoin cryptocurrency at the relative introductory price, obtaining 150 TRE (i.e.  $€120/€0.8$ ).



- **WHY BUY TOKENS**

You must be wondering why you should buy tokens now, rather than waiting and buying TRE cryptocurrency. For you who buy tokens and invest in this idea of cryptocurrency, will see the gain and benefits right away. In fact, many offers will be proposed on our site during the token sale time, you can earn by inviting your friends. In addition to this, a reason why it is not worth the wait is because, as we have already said, even during the token sale time the price will increase based on the transactions that are made, so your investment will increase right away with the token and even more when you will exchange it in cryptocurrency TRE. A second reason is that at the time of redemption from token to cryptocurrency, for you who have invested will be credited an additional bonus as a percentage of your investment. Additional benefits and offers will be published on our website.



## **What are the uses of Triacoin**

Triacoin can be used in the same way as any other currency and cryptocurrency: it can be freely sent to others, used as a payment instrument for goods and services or stored as long-term savings. Moreover, as already mentioned before, its stability allows it to be adopted as a safe and simple payment method in any commercial context. Triacoin (TRE) can be a safe, and for the first time, stable investment in the digital currency market.

Triacoin aims to convert traditional resources into digital ones using the already mentioned smart contracts. Digital resources will be decentralized and protected using digital certificates on the blockchain, in addition to their digital identity services. Triacoin will allow the creation of information on the identity of organizations, individuals and entities in electronic format, to be used through authentication mechanisms on multiple integrated factors such as facial recognition, fingerprints, voice recognition, not to forget the goal of developing an artificial intelligence on blockchain. On the Triacoin network will be possible to share files decentralized on the blockchain.

