



## **ACTIVE WORK, PASSIVE INCOME**

It's time to build your presence and income on the web 3.0 !

### **Whitepaper**

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*Can be changed*

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# 1. General introduction of the project

Nokenchain allows everyone (individuals, companies, athletes, artists, entrepreneurs, videographers, associations, ...) to create their token or their cryptocurrency (blockchain) as part of its tokenization services as well as passive income 3.0 as part of its stablenode (virtual masternode) and related services. Nokenchain also educates the public about this huge market which is currently growing during the 2020s.

This project is the first in French-speaking countries to make it possible to create tokens easily (as easily as you register a domain name), without technical knowledge, and to set up future habits and market standards.

There are 2 types of offers at the tokenization service level :

- Simple tokens.
- Professional tokens.

Each token is personalized according to your needs, allowing everyone to communicate around it to increase its value or finance projects.

Everything will be accompanied by marketcaps (rankings) in more advanced phases of development. The project is focused on a community of independent entrepreneurs. Ultimately, it should become decentralized (as much as possible) and autonomous. *It is also planned to arrive at a phase where part of the generated profit will be reinjected into the community to increase the chances of success of the projects.*

4 main tools (but not only ...) :

- Creation of tokens, cryptocurrencies (blockchains), websites and applications 3.0.
- Support and advice on your projects.
- Marketing for projects 3.0.
- Blockchain income (passive or active).

Operation on the Waves and Ethereum blockchains ensures the traceability of information and the transparency of actions. The nokencoin (NOKN) is a utility token (utility token) operating in

## Virtual Masternode technology (virtual masternode / stablenode).

*"Something that's even more interesting, I think, is when we start to realize that we can do asset-to-asset transfers without going through a currency."*

Matthew SPOKE, Enterprise Ethereum Alliance, Blockchain Economic Forum 2017

*"It's a great way to create shared ownership over different assets."*

Reese JONES, Singularity University, Blockchain Economic Forum 2017

*"Anything that can be tokenized will be tokenized. The Empire State Building will one day be tokenized."*

Bradley ROTTER, Rivetz (blockchain security company), Blockchain Economic Forum 2017

## 2. Market state

13 years after the invention of Bitcoin and Blockchain technology, we find ourselves with :

- Over 8,300 cryptocurrencies / tokens tracked by Coinmarketcap.
- More than 6,190 cryptocurrencies / tokens referenced on Coingecko.
- Over 32,660 markets (cryptocurrency pairs to trade), including over 700 on Binance.
- Over 420 crypto-exchanges (cryptocurrency exchange platforms).
- More than 52 industries that already use this technology.
- More than 50 technical types of consensus.
- A marketcap of 700 billion euros.
- A 24-hour volume of 150 billion euros.
- A dominance of bitcoin still above 60%.
- Over 3080 tokens listed on CoinMarketCap (mostly created on the Ethereum blockchain).
- The number of IBM blockchain patents has jumped by 300% (article on placecrypto.fr of 07/17/2019 / 108 patents / \$160 million in investments).
- Facebook plans to launch its cryptocurrency (Libra).

Several conferences are already made in the world concerning the tokenization of the economy and the "tokenization of everything".

Nokenchain considers that during the 2000s, the trend was to create his website, then his blog. In the 2010s, the trend was to create accounts on social networks.

*In the 2020s, the trend will be to create your token ...*

### 3. Problems

Currently there are 9 issues in this sector :

- a) Most people don't know what a token is and what it can be used for (as most people didn't know in the 1990s what a website was and what it could be used for). On a larger scale, most people still don't know how to use cryptocurrencies and / or what Blockchain or smart contracts really are.
- b) Most tokens are created on the Ethereum platform, which requires knowledge of the Solidity programming language. This is a big obstacle if, for example, an individual or an athlete wants to easily create his token.
- c) There is not really any organization on the market yet (as for domain names with ICANN for example), although this is progressing.
- d) Most of the tokens created are for cryptoprojects, not yet for individuals or objects.
- e) In another register, the Proof of Work consumes a lot of electricity.
- f) Talent is not yet considered as a metric by the general public. You can have people who are talented in an area who can never really exploit it, which is a loss for society and humanity.
- g) People who have reached a certain level must be able to live on passive income.
- h) The signing of contracts, transactions and interactions between the various participants of a system are slow, expensive, humanly outdated and not that productive. Not to mention the problems of distribution of wealth.
- i) Private interests decide who (or what) to watch, what to buy, what involvement to have, etc.

## 4. Nokenchain's solutions

- Create a platform that will provide simple tools for everyone, more interactions and engagements.
- Create a new system of social connections through tokenization.
- Help young talents through tokenization, to increase their chances of success.
- Increase the chances of contracts for different professional users.
- Allow fans and customers more interactions and choices.
- Enabling brands to access new advertising channels much more easily, quickly and directly.
- Redistribute money better (fewer intermediaries, direct contacts, less costs, ...).
- Développer la connaissance des tokens auprès du grand public via des campagnes de communication et des outils simples.
- Facilitate the creation of tokens without computer knowledge.
- Organize this growing market through a system of independent resellers.
- Develop the creation of tokens for individuals and objects.
- Develop the Proof of Stake and masternodes / stabelnodes.
- Allow the generation of passive income.

*All this is achieved through the creation of a large tokenization platform (based on the Waves and Ethereum blockchains mainly), easy to use, with clear offers and a commercial service, as well as by incentives to increase the reseller base and clients.*



## 5. Market research

A market study on the theme of the tokenization of influencers, athletes and players was carried out from January 9th, 2019 to July 9th, 2019 (6 months) in France.

### **Contacted federations, clubs or companies**

Influencers : 2 (several mails)  
Sport : 39 (several mails for 5 of them)  
Videographers : 1 (several mails)  
Football club : 1 (2 mails)  
Card games : 3  
Board games : 4  
Boules games : 3  
Minister : 1  
Fashion : 6  
Gambling : 1  
Music : 3

Total : 64 important legal persons contacted

**Result** : 1 physical meeting and 3 mail responses (postal or e-mail)

**Conclusion** : Although some sports federations are working on the issue of Blockchain in 2019, they are still far from having a concrete and applicable result. For the others, the subject does not interest them or is ignored (despite the extent that it is taking in the world).

**Risk** : The risk is that all these organizations and companies miss the phenomenon, arriving too late on the market, failing to react in time to become major players in this "next revolution after Internet".

**Solution** : Set market conditions before everyone else, to be THE platform when the time is right.  
*You can participate in this (and gain added value later) by supporting Nokenchain!*

## 6. Nokenchain token sales conditions

### General informations

<b>Name (acronym/ticker) of the token</b>	NOKN
<b>Based on</b>	Waves blockchain
<b>Protocol</b>	WavesNG
<b>Token price</b>	€0.01 (private sale) / €0.02 (public sale, phase 1) / €0.03 (public sale, phase 2)
<b>Payment methods</b>	Euros (EUR), Bitcoin (BTC), Ethereum (ETH), Tether (USDT)

### Fundraising Levels

<b>Softcap</b>	EUR 30,000
<b>Target A</b>	EUR 100,000
<b>Target B</b>	EUR 200,000
<b>Hardcap</b>	EUR 400,000

### Token allocation

<b>Maximum number for private sale and public sale</b>	20,000,000 (9.52%)
For private sale (€0.01)	5,000,000
For public sale phase 1 (€0.02)	10,000,000
For public sale phase 2 (€0.03)	5,000,000
<b>Maximum number for team and advisers</b>	8,400,000 (4%)
<b>Maximum number for CEO</b>	2,100,000 (1%)
<b>Maximum number for reserve</b>	20,000,000 (9.52%)
<b>Maximum number for rewards (bounties) and bonuses</b>	10,500,000 (5%)
<b>Number to be generated by the</b>	149,000,000 (70.96%)

<b>Virtual Proof of Stake / Virtual Masternode (up to the balance of the genesis wallet)</b>	
<b>Total number of tokens</b>	210,000,000 (100%)

### Sales periods

<b>Private sale</b>	From September 9th, 2019 until September 29th, 2019
<b>Public sale (crowdfunding / tokens at €0.02)</b>	From October 8th, 2019 until October 28th, 2019
<b>Public sale (remaining cryptocurrency / tokens at €0.02 then tokens at €0.03)</b>	From November 4th, 2019 to January 31st, 2020
<b>Token orders (if softcap reached)</b>	From December 3rd, 2019

### Distribution and listing

<b>Initial token distribution</b>	First quarter 2020
<b>Listing on exchanges</b>	First semester 2020

Website : [nokenchain.net](http://nokenchain.net)

## 7. Vision of the Nokenchain project

### 7.1. Main idea

The main idea of Nokenchain is to develop and simplify the tokenization market, by allowing everyone to easily create a token, by making it possible to tokenize artists, athletes and independents (by themselves or by fans and / or Internet users) and the generation of passive (stabilenodes) or active (cryptotrading) income.

**Individuals without notoriety and future talents :** In an age where projects and / or aid needs are multiplying, individuals / companies without notoriety need new ways to publicize their projects, and thus develop them.

**Artists, athletes and independents :** To develop his activity, an artist, athlete or independent needs an audience. New technologies related to tokenization make it possible to communicate quickly and to have tools adapted to the digital age.

**Fans and Internet users :** In today's world, fans and internet users act and react. They participate, analyze, criticize, marvel and want more interactions with the person or company they follow.

**Brands :** Companies entering the digital age are looking for new and effective ways to market their products, while understanding the importance of customer relations. Tokenization makes it possible to highlight products and to count on influencers interested in the brand.

To set up all these human exchanges, Nokenchain wishes to develop tokenization, with the creation of interests for all the natural or legal persons involved.

*The NOKN "cryptocurrency" will make it possible to manage all interactions in this future decentralized system.*

## 7.2. Problem resolution

**No notoriety** : Tokenization allows financial support for a project, aid, or a start in professional life. But also support to obtain a hearing and advice.

**Artists, athletes and independents** : Tokenization allows large-scale communication at zero cost and / or at lower cost depending on the adopted strategy, as well as the sale of any activity linked to the artist, the athlete or the independent. It also makes it easier to find a sponsor or investor.

**Fans and Internet users** : Tokenization makes it possible to create communities around the tokenized person / company, as well as real-time communications, the decision of who will become the future star and to be more involved in the activities of the tokenized person / company.

**Brands** : Today's businesses are looking to market their products easily, and have more interactions with prospects. Tokenization allows access to qualified prospects, influencers and improves the effectiveness of campaigns.

## 7.3. Nokenchain's token (nokencoin)

The NOKN token is a tool to facilitate exchanges in the field of decentralized tokenization, as well as to create an index and benchmark exchange medium.

- It will allow you to buy and create tokens.
- It will allow an exit to other cryptocurrencies and tokens referenced elsewhere.
- It will allow faster and less restrictive interactions than in the "real world".

## How to get NOKNs ?

- Participate in the public sale (crowdfunding) in October 2019 (first public sale, in euros) !
- Take part in the public sale (cryptocurrencies) between November 2019 and January 2020 (second public sale, in bitcoins)!
- Buy NOKNs on crypto-exchanges!
- Earn NOKNs on the Nokenchain platform (or from our partners) by completing certain tasks !

## **8. The Nokenchain platform and its technology**

The Nokenchain platform (nokenchain.net) is seen as a simple platform for accessing Nokenchain technology. The goal is to create an open system, where everyone can create their own platform on top of it to use and display the data (reseller system).

Other types of services may be available later.

Blockchain technology was chosen as the basis for the project in order to create a transparent digital system (use of an explorer, display of all transactions, ...), scalable and verifiable by all (public information) to avoid, through proof, as much as possible conflicts between users.

The tokenization market is a huge market, which potentially affects almost everyone. The world of Blockchain, Tangle, cryptocurrencies and tokens is still in its infancy.

All the fans / customers of all the tokenizable celebrities / companies represent at least hundreds and hundreds of millions of people!

Tokenization can be aimed at an athlete, an actor, a singer, ..., a brand, a stranger, a project that needs help, etc.

Each event will generate a blockchain record, thus creating a magnificent history of everything that happens, viewable by all, without possible alteration.

The choice of the Waves blockchain ensures high scalability, a fast network and almost free exchanges (0.001 WAVES), without institutional intermediaries.

As soon as everything is in place, and stable for users, the greatest possible decentralization will be achieved.

Nokenchain provides a mobile wallet, platform and APIs, as well as technical support for users. NOKN owners will be remunerated via virtual masternodes (stabilenodes).

## 8.1. Languages used for blockchain projects

**Blockchain** : Scala (multi-paradigm programming language)

**Wallets** : Electron, Angular, HTML, CSS and Node.js

**Explorer** : Angular and Node.js

**Website** : Java and ReactJS

**Mobile applications** : Flutter

**Scala** is a multi-paradigm programming language designed at the École Polytechnique Fédérale de Lausanne (EPFL) to express common programming models in a concise and elegant force. It integrates the object-oriented programming and functional programming paradigms, with static typing. It thus reconciles these two usually opposed paradigms and offers the developer the possibility of choosing the most appropriate paradigm for his problem.

**Electron** is a framework for developing cross-platform desktop applications with web technologies (Javascript, HTML and CSS). The infrastructure (backend) is coded in node.js, and the interface (frontend) is built on the basis of Chromium tools, the open source part of Google Chrome. Electron is free, open source software developed by Github under the MIT license.

**Angular** is an open-source TypeScript-based client-side framework led by the Angular project team at Google and a community of individuals and companies. Angular is a complete rewrite of AngularJS, a framework built by the same team.

**Node.js** is a free and event-driven software platform in Javascript oriented towards network applications which must be able to scale up. It uses the V8 virtual machine and implements the CommonJS specifications under MIT license. It is used as a web server platform at Groupon, Vivaldi, SAP, LinkedIn, Microsoft, Yahoo, Walmart, Rakuten, Sage and Paypal.



**Java** is an object oriented programming language. The peculiarity and purpose of this language is that software written with it should be very easily portable to multiple operating systems such as Unix, Windows, Mac OS or Linux, with little or no modification.

**ReactJS** is a free JavaScript library developed by Facebook since 2013. Its main purpose is to facilitate the creation of single-page web applications, by creating state-dependent components and generating an HTML page at each state change. The library stands out from its competition with its flexibility and performance, working with a virtual DOM and only updating the rendering in the browser when needed. The library is used by Netflix, Yahoo, AirBnB, Sony, Atlassian, Facebook, Instagram and WhatsApp, among others.

**Flutter** is an open source mobile application development framework created by Google. It is used to develop Android and iOS apps, as well as the first method to create apps for Google Fuchsia.

## 8.2. Proof of Stake

*Proof of Stake is a method by which a blockchain aims to achieve distributed consensus.*

While Proof of Work requires users to run hash algorithms multiple times or calculate mathematical puzzles to validate transactions, Proof of Stake requires the user to prove possession of a certain amount of cryptocurrency to claim to be able to validate additional blocks and receive the reward.

Proof of Stake must use a method to define the validation of a new block. The selection by the balance of accounts entails an (undesirable) consequence of centralization : the richest would always have an advantage. To avoid this, several weighting methods have been developed :

- Selection of the account responsible for validating a new block.
- Selection of the additional block validator according to the duration of possession of its coins and the size of its stakes.
- Selection of the block validator according to the velocity.
- Selection of the block validator according to the votes.

*Nokenchain chose, in its first phase, the method of selecting the additional block validator according to the duration of its possession of its coins and the size of its stakes.*

In this system, a number is generated by multiplying the number of coins by the number of days that coin is held. The longer the user keeps a large number of parts, the more it is likely to be randomly selected to validate the additional creation of a block. Only coins that have not been spent for at least 30 days can claim to enter the competition for the validation of a next block. When the coin stake of an account has been used to validate the addition of a new block, the time counter is reset to zero and the account user will have to wait a period of 30 days to claim to validate, with a certain probability, a new block. The probability of finding the next block reaches a maximum after 90 days, in order to prevent any dominance of users who hold their cryptocurrency for a very long time or who have large amounts. This process secures the network and gradually produces new parts without consuming significant computing power, which differentiates it from the Proof of Work

method, whose energy consumption continues to grow.

**A malicious attack on the Nokenchain network is more difficult for 2 main reasons :**

- The validation of additional blocks does not require a grouping of miners to pool the computing power (as is the case for the Proof of Work).
- The economic cost of buying as many coins as possible is much higher for an attacker than buying more than 51% of the computing power in order to perform a denial of service attack. Therefore, an attack on a Proof of Stake network costs more for the hacker than an attack on a Proof of Work network.

Proof of Work validation relies on powerful algorithmic calculations to validate the additional blocks assuming significant energy consumption.

As part of Proof of Stake, the additional block validation system is much more profitable and does not result in value leakage to fiat currencies.

Miners' behavioral incentives also work differently : in Proof of Work validation method, the miner has an interest in selling the reward obtained for each block mined in order to pay for his electricity. In the Proof of Stake method, the cryptominer (called in this case "cryptoforger/staker") has an interest in keeping his coins to maximize his future chances of being able to validate the blocks.

*Nokencoin is a deflationary "cryptocurrency" (like bitcoin), thus increasing its chances of increasing in value if you get hold of it during fundraising ...*

## 9. Tools

### 9.1. Creation of a token (tokenization of an entity)

*This tool is open to everyone.*

For individuals / companies without notoriety, it allows the development or financing of a project, or the creation of liquidity.

For artists, athletes and freelancers, it helps to support the setting up of a professional event or training, and to open the door to other tools. There is a smart contract for referencing on other crypto-exchanges.

For fans / customers, it allows access to the Nokenchain ecosystem and participation in the next successes of the person / company they support.

For brands, it allows the creation of companies or associations 3.0.

*The creation of a token is the main tool provided by Nokenchain.*

### 9.2. Let's tokenize the search for new talents !

*This tool is open to everyone.*

It allows everyone to propose a new talent and / or a new entity to tokenize. **If accepted by the community, the discoverer of the new talent will earn the bonus linked to the creation of the future token !**

In its permanent concern for decentralization, Nokenchain allows everyone to propose new talents and new ideas, thus creating a global network of discoverers of future tokenized talents.

Through this process, the discoverer earns tokens and can stake / masternode (generate interest) them afterwards, or resell them once they have appreciated in value.

*Nokenchain considers that discoverers should receive a lot of*

*tokens if they make relevant recommendations to the community.*

### **9.3. Let's tokenize decision-making via the community !**

*This tool will be open to any tokenized entity.*

This tool will allow you to create polls and ask fans for their opinion.

In case of "good advice", fans will be able to earn tokens if the celebrity / company has activated this option.

For artists, athletes and independents, this increases its audience, and thus its attractiveness for brands.

For fans / customers, it helps influence decisions. If they are active for decision making, they can earn tokens.

### **9.4. Let's tokenize the promotion aid !**

*This tool will be open to any tokenized entity.*

This tool will allow tokenized entities to offer promotion or translation tasks to users of the platform. The idea is : "Together we are stronger !".

Fans / customers will thus be able to help the tokenized entity to increase its chances of success (and therefore to increase the price of the token ...).

### **9.5. Let's tokenize real encounters !**

*This tool will be open to any tokenized entity.*

This tool will provide access to real meetings such as subscriber meetings, training, matches, shows, preview, ...

## **9.6. Let's tokenize Internet communications !**

*This tool will be open to any tokenized entity.*

- Access to exclusive video stream and / or content (one-way communication).
- Online discussions with the tokenized person (limited number of users).

## **9.7. Let's tokenize the recommendation !**

*This tool will be open to any brand.*

Brands can use the services of a tokenized entity to recommend their products (after validation of the request by the tokenized entity).

The tokenization of the recommendation will refocus advertising on its original origin (word of mouth), create fully decentralized peer-to-peer negotiations and reduce the costs associated with intermediation.

This creates additional monetization for the tokenized entity and more effective, fair and transparent advertising campaigns for brands.

Users will be able to obtain tokens by putting a tokenized entity in relation to a brand.

## **9.8. Let's tokenize autographs !**

*This tool will be open to any brand.*

Brands, in relation with a tokenized entity, will be able to create products with autographs, intended for fans (posters, balloons, etc.).

## 10. Roadmap

**July 2019** : Project launch (website + Facebook + Twitter + Reddit + Bitcointalk) and writing of the whitepaper.

**August 2019** : Finalization of the whitepaper and publication (+ translation). Discussions with the various stakeholders + setting up of press relations for the announcement of the fundraising + finalization of the team of advisers.

**September 2019** : Private sale of tokens + setting up of bounties (rewards) + registration of the first investors.

**October 2019** : Crowdfunding campaign (public sales). Phase 1.

**November 2019** : Start of the public sale (ICO : fundraising in cryptocurrencies). Phase 1 and 2.

**December 2019** : Deployment of the first service (simple creation of tokens).

**January 2020** : Establishment of the technical team + deployment of nokencoin (NOKN) + development of Virtual Proof of Stake (VPOS) technology + first contacts with exchanges + tokenization launch party + end of the ICO.

**February 2020** : Development of Nokenchain Beta 1.1 (putting all services online) + contacts with exchanges + deployment of fun tokens + airdrop.

**March 2020** : Communication (visual campaign) on social networks and with our community + sending airdrop tokens + setting up collection tokens + contacts with exchanges + site security + publication of tutorials.

**April 2020** : IEO on Vindax + listing on Vindax + Beginning of the work of setting up the Beta 2 site (securing / improving) + launch of Nokenchain phase 2 (new ideas) + communication.

**May 2020** : Development of tools + site + Virtual Masternode

technology + communication and news + commercial development  
+ addition of legal pages / Terms of Service / ToS / GDPR / cookies  
+ launch of virtual masternodes + security audit.

**June 2020** : Switching from NOKN to Virtual Masternode (stabilenode) + whitepaper version 1.2 + communication / information + start of experimentation on speculative tokens + listing on marketcaps + improvement of offers (tokenization pack / pro creation) + commercial brochure.

**July 2020** : Technical improvements + internal documents + recruitment + communication / information + large sales team meeting + sales / marketing / communication / legal organization + large meeting (management team) + internal discussions + whitepaper version 1.3

**August 2020** : Vacation + visit to Crypto Valley + start of work on Beta 2.

**September 2020** : Launch and improvement of the Beta 2 site.

**October 2020** : Launch of the Beta 2.1 site

**November 2020** : Start of work on the Terms of Service + improvement of the user interface.

**December 2020** : End of work on the Terms of Service + discussions with resellers + research and development + contact with AMF.

**January 2021** : Improvement of stabilenodes + review of services + improvement of KYC / AML + start of work towards version Beta 2.2 and Beta 3.



## 11. Tokenize

Tokenize means "*to issue a digital token on an asset*".

**Example :** If you take an apartment, it is "inseparable" (you have to buy the entire apartment). By tokenizing this apartment, we create for example 200,000 tokens. From there, anyone can buy 1 of these 200,000 tokens. By doing this, you will therefore become part owner of this apartment.

The specificity of going through a token is that this token is liquid (you can resell it to someone else directly on the Internet, without intermediary or paperwork, very quickly, as easily as you exchange bitcoin on a crypto-exchange, an online cryptocurrency exchange). No need to know the other co-owners either, or to have meetings.

The token is therefore a kind of title deed representing a small part (here 1/200000th) of a larger thing (the entire apartment).

The tokenization of the economy will allow the issuance of digital tokens on any asset having (or generating) value. *A human, thanks to his salary or his income, can therefore be tokenized.*

## 12. Crowdken

Crowdken means "tokenize by the crowd".

Instead of a celebrity (or known entity) creating their token, the crowd (usually their fans or community) decides to create a token (as they might decide to create a website about their favorite star or a Facebook fanpage).

From there, the person or the crowdkened entity has 3 weeks to take control of their "crowd-created" token.

**If it does**, it recovers 10% of the tokens (over 10 years), which it can stake (forge) as well as 18.50% (maximum) which correspond to the TCS (token crowdsale / public sale of the token).

**If it does not**, the TCS is still launched. The community then recovers all of the TCS and the 10% of tokens over 10 years as long as the celebrity does not manifest himself (and does not understand that tokenization is now !).

The TCS being a fundraising process to develop a project, either the celebrity uses it for a specific project and / or to communicate around his tokenization (he must indicate this when creating his token), or, if it goes to the community, the tokens are put in a wallet (electronic wallet) managed by a non-profit association, which will ensure that the tokens are used :

- Related to celebrity.
- For a social purpose (for example, paying a concert to a fan who cannot afford it).

*All of this will of course be recorded on a blockchain for transparency reasons.*

The crowdkening system is at the theoretical stage for now.

### **13. Example of distribution for a noken (notoriety token)**

Total number of created nokens : 100,000,000 (100 million)

1.5% for the development of Nokenchain technology : 1,500,000 nokens

0.5% for the token reseller (if the noken is created on the platform of a reseller) : 500,000 nokens

0.5% for the discoverer (as part of a new talent) : 500,000 nokens

*If no reseller or discoverer, the nokens are donated to the Nokenchain technology for its development.*

10% for celebrity (over 10 years): 10,000,000 nokens (10 million tokens)

5% for his club or record company (over 10 years) : 5,000,000 (5 million nokens)

*If no club / record label, the nokens are donated to the celebrity.*

**This first distribution represents 17.50% of the total nokens.**

Noken crowdsale (NCS): 18.50% maximum (18,500,000 nokens)

**The NCS (second distribution), therefore represents up to 18.50% of the total nokens.**

**The third allocation is put on the market (64%) over 20 years via Proof of Stake (staking).**

The nokens are €0.01 during the NCS.

Nokens are €0.02 once introduced on the market.

This distribution is theoretical for the moment.

## 14. Tokenize via Nokenchain, why ?

- Raise funds.
- Obtain additional income.
- Sign (electronically) contracts with brands.
- Increase your customers and / or fans.
- Increase your social capital.
- Improve your online and offline communication.
- Increase the involvement of your customers or fans.
- Improve your brand and brand awareness.
- Because tokenization is now !

A good collaboration between an entity and the market, or between a brand and its ambassador, can generate millions of euros.

Young talents / companies often have a lot of expense to get started in professional life. Tokenization makes it possible to provide these funds, to bet on this talent for the future, and to give him good advice.

*Nokenchain provides communication around the different tokens that are created and improves the customer or fan experience.*

## **15. Nokenchain service resellers**

A Nokenchain reseller (Crypto Advisor) is a company or an association working with Nokenchain as part of customer management.

The reseller is in direct contact with the customer. He registered as a reseller on the Nokenchain platform, manages his client with Nokenchain behind and has to do the whitepaper and the onepager.

The reseller brings new customers to the Nokenchain ecosystem with each creation of tokens or sale of stablenodes (virtual masternodes). In return, he benefits from the commission attributed to the reseller when a project is created.

The same goes for each renewal of service.

The reseller benefits from regular contacts to retrieve and send information on the Nokenchain ecosystem.

Each reseller has their own pricing and conditions policy. However, this must be in accordance with the Nokenchain spirit (see Terms of Service).

The maintenance of the Nokenchain ecosystem is ensured by the actions of the community on it.

## 16. Project profitability and use of funds

- As long as just a few celebrities / companies are tokenized via Nokenchain technology, the project immediately becomes profitable. The crowdkening system, "crowd tokenization", is a powerful system for creating special tokens and enticing your favorite celebrities to join the tokenization of the economy.
- Most of the income will be generated from the creation and marketing services and by masternoding of nokencoins in Virtual Masternode / Stablenode (or their eventual sale) as well as by a share of the income generated by cryptocurrency stablenodes.
- The network is growing through the constant interest in Blockchain and token creation, as well as through resellers who generate additional token creations or stablenode sales.

The Nokenchain network aims to become as decentralized as possible. We give priority to development, so that you can have the tools as quickly as possible in terms of budget.

Secondly, the funds will be used for marketing, so that more and more people can learn about this technology.

*As long as the people managing the project during its development phase are living well, we have no other ambitions apart from creating the best possible tool and then decentralizing it as much as possible. Decentralization is a fundamental notion of the project in the long term, so that everyone can take part in this adventure.*

## **17. Legal notions concerning NOKNs**

Nokencoins (NOKN) are computer code with cryptographic elements that are sold as utility tokens for the Nokenchain ecosystem.

They are based on the Waves blockchain.

NOKNs only work within the Nokenchain ecosystem.

Their creation is conditioned by the need to develop an internal economy which will establish transparent and fair relations.

NOKNs are intended for use by their owners only for the purposes assigned to them. The number of these utilities may increase over time due to the creation of new services or features.

It is planned to list this Waves token on crypto-exchanges, which will allow everyone to buy it simply (if this is legal in your country).

A person wishing to access the services provided by the Nokenchain ecosystem will need to purchase NOKN on these platforms.

He/She can also sell them if he/she wants to leave the ecosystem.

When purchasing NOKNs, the buyer should be aware of the restrictions that apply to their subsequent sale and therefore is required to follow the exchange instructions regarding sales.

The Nokenchain platform will offer NOKN holders the opportunity to express their opinion on the transactions in question. The consultation system will be a key tool for this.

These decisions, expressed through decentralized community voting, will serve as advisory guidelines for the management of Nokenchain. The development team will systematically take into account the results of the vote.

Token holders can use it to buy services or products offered on the platform.

Nokenchain will build a well-balanced motivation system that will encourage users to perform their functions well, thus increasing the efficiency of the entire ecosystem. This will mainly result in compensation for active participation in the ecosystem (commissions). Compensation will be paid in NOKN, cryptocurrency or euros (depending on the customer's payment), with the aim of enabling users to participate in the growth of Nokenchain.

NOKNs are not transferable securities in any country. This white paper does not constitute a prospectus or a solicitation for an investment. It is also not a stock offering.

They are not intended to be used, in any form whatsoever (purchase, sale, exchange, ...), in a jurisdiction where this is prohibited by law.

They do not represent a loan, nor a debt instrument, nor an obligation towards the issuing company. They do not confer any claim on the financial assets of the issuing company.

The holders are not entitled to any guaranteed form of dividends, distributions of income or voting rights within the issuing company.

They are not refundable. Further, no promise of future performance or value is made, including no promise of intrinsic value, no promise of continued payment, and no guarantee that NOKN tokens will retain any particular value.



## 18. Advisors

Advisors share their expertise in their respective fields, and create connections with Nokenchain.

Based on their experience, they help Nokenchain to set up suitable tools.

**Stiven URIBE** : *Latin America advisor*  
Commercial / Colombian (Spanish speaking)  
alejandro\_uribe@msn.com

**Jais ELALOUF (DJ Oof)** : *Artistic world advisor*  
Artist  
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oof.cx et pingpong.fr

**Imad HAIJOUB** : *Sports world advisor*  
FIFA agent  
hajoub.imad@gmail.com

**Olivier TUZOLANA** : *Sports world advisor*  
CEO of TI Consulting  
tuzolanaolivier@yahoo.fr

**Florent KOSMALA** : *Blockchain world and Proof of Stake advisor*  
Founder of Poslist  
Twitter : @florentkosmala  
poslist.org

**Markchain** : *Crypto marketing and press relations agency*  
Company  
contact@markchain.io  
markchain.io

## **19. Development team**

### **Guillaume THUILLET** : *CEO / CDO-CTO / CPO / PMO*

Diploma : commercial engineer

Blockchain entrepreneur and crypto-youtuber / Volleyball champion of Val d'Oise and Ile-de-France 1991 cadet category / In the Internet since 1998 / Created his first company in 2003

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### **Matthieu CHASSAGNE** : *CMO / CIO*

Treasurer and event organizer at N&M's

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### **Yohann COLLET** : *Artists CXO*

CEO at Freeworld's

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### **Youssef HABNOUN** : *CCO (french and arabic)*

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### **Marin MARGUERITE** : *DEO*

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**Chandan LUNTHI** : *Blockchain-ICO expert and developer*  
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**Mohit VIRMANI** : *Blockchain-ICO expert and developer*  
IT solutions architect / technology specialist (artificial intelligence,  
machine learning, LSTM - deep learning, convolutional neural  
network) / Senior project manager  
mohit.virmani@oodlestechnologies.com

## 20. Company structure

The Nokenchain ecosystem has been created by THUILLET, a French self-employed company registered under the French SIREN number 451.361.315 in 2003 (in the form of EURL/SMLLC, then 2012 as a self-employed company), whose purpose is to organize and operate the development of the ecosystem.

*All contributors in the development team function as independents for a common purpose.*

We do not want a salary type structure for this project, as much as it will be possible.

If the creation of a larger structure becomes necessary, a firm, under another status, will be created, but we wish to decentralize as much as possible to allow each one to be independent and to allow total decentralization in the long term (a kind of blockchain cooperative belonging to all users).

*Nokenchain is therefore a decentralized company without employees, with vocation of an Internet cooperative system.*

*Everyone can come to work there (use the system) to make a living.*

The "Nokenchain" brand, registered trademark number 204.665.617, is the property of Guillaume THUILLET.

## 21. Why participate in the fundraising of this project ?

- Because it is a powerful technology and a tokenization system.
- Because the tokenization of the economy is something that is already progressing globally.
- Because when a technology capable of changing habits happens, those who are interested from the start are the winners of the system.
- Tokenization of individuals is a growing phenomenon, but still in its infancy.
- The system is not limited to a specific sport or category. It is universal !
- Blockchain and Tangle are technologies of the future.
- The decentralization of the promotion increases the commitment of the fans and the rewards for the help provided.
- The "nokencoin" token (NOKN) is intended to be referenced on crypto-exchanges, ensuring you can convert it into another cryptocurrency, euro or dollar, if you wish.
- In the off-blockchain world, talent management represents a market of tens of billions of euros.
- A group can create the token (noken) of any star.
- Crowdkening is a powerful mechanism that can create incredible moves on the Internet.
- The contribution of funds for a project, or a star in the making, increases its chances of success, and therefore the chances of increasing the token value...
- A single celebrity/unicorn/multinational in the system and we automatically gets a economically viable system.
- A sportsman, successful artist or firm can earn millions of euros. Imagine if you had at least 1 of his tokens...
- A single purchase of tokens on the right person or project can make you win the jackpot. *If you had bought 100 euros of bitcoin in 2011, they would have been worth 2 million euros at the end of 2017...*

## **22. Warning**

The information contained in this whitepaper may not cover all aspects and does not imply any element of a contractual relationship. Its contents do not bind the issuing company and may change depending on the research and development of the Nokenchain system. This whitepaper does not constitute investment, legal, tax, regulatory, financial, accounting or other advice and is not intended as a basis for an evaluation of a NOKN acquisition transaction. Before acquiring NOKNs, a potential buyer should consult with their own legal, investment, tax, accounting and other advisors to determine the potential benefits, burden and other consequences of such a transaction.

Nothing in this whitepaper will be considered a prospectus, solicitation, offering or solicitation of an offer to purchase a security in any country.

This document is not made in accordance with the laws or regulations of any jurisdiction, nor is it subject to any of these laws that prohibit or restrict in any way transactions relating to digital tokens or their use.

Certain statements, estimates and financial information contained in this whitepaper constitute forward-looking statements or information. Such forward-looking statements or information involve known and unknown risks and uncertainties that could cause actual events or results to differ materially from the estimates or results implied or expressed in such forward-looking statements or information.

NOKN cryptotokens may not be resold or disposed of by their holder to natural or legal persons having their usual place of residence or registered office in the United States of America (including their states and the District of Columbia), Puerto Rico, Virgin Islands of United States, all other possessions of the United States of America, or in the country or territory where token transactions are prohibited or restricted in this way by applicable laws and regulations.

If the restricted person buys NOKN cryptotokens, he/she does so illegally, unauthorizedly or fraudulently and, in this respect, will derive negative consequences.

An activity in Singapore, the People's Republic of China or in other countries or territories where the transactions related to cryptotokens are subject to restrictive regulations or require that the issuing company be registered or licensed by any applicable governmental authority.

Owners of NOKN cryptotokens are reminded that this whitepaper has been presented to them on the grounds that they are legally authorized to read it in their country of residence.

It is the responsibility of each buyer to determine whether he can legally purchase cryptocurrencies in his country of residence.

This whitepaper in English is the second main source of official information on the Nokenchain project, as well as the French version (first source). The information in this document may be translated into other languages.

During translation, some information may be lost, misunderstood, or misrepresented.

The accuracy of these alternative versions can not be guaranteed. In the event of a conflict or inconsistency between these translations, this whitepaper in English, as well as the French version, and their provisions, shall prevail.

## **23. Risk factors**

The acquisition of NOKN cryptotokens implies a high level of risk. Every buyer should consider the following information carefully in order to make a purchase.

If some of these risks happen, the Nokenchain platform and the value of the NOKN cryptotokens can be affected.

The risks listed below may not be the only ones that can happen.

### **1. Risks on the value of the cryptocurrency**

#### **1.1. Rights and Features**

Cryptotokens do not have rights, uses, goals, and features on the platform.

The issuing company does not guarantee purchasers that the cryptotokens have rights.

#### **1.2. Lack of market development**

Since the cryptotokens were not introduced by a public crypto-exchange, the sale can not be reduced to a liquidity situation and the price may be volatile. Even if cryptotokens are exchangeable on crypto-exchanges afterwards, there may not be enough buyers and sellers. Owners can be slow to obtain liquidity. In the worst case scenario, it is possible the exchange is not possible. Crypto-exchanges may not be regulated.

#### **1.3. Risks related to speculation**

The value of a cryptocurrency/token on an exchange is generally non-transparent and highly speculative. Cryptocurrencies are not backed, in general, by tangible assets. The value can fluctuate sharply in a short period. There is a risk that the owner will lose his capital. In the worst case, cryptocurrencies can reach a value of 0.



## **1.4. Cryptocurrencies may have no value**

NOKN cryptotokens can have no value and there is no guarantee that there will be liquidity. The issuing company can not be responsible for market value or liquidity.

## **1.5. NOKNs are not refundable**

The issuing company has no obligation to provide the owners of this "cryptocurrency" with a refund. No promise on future performance or price can be made. Therefore, recovering your investment may be impossible or subject to foreign legislation that may not be the same as the law of the home country of the owner.

## **2. Blockchain risks and software**

### **2.1. The risk of blockchain delay**

On Bitcoin and Ethereum blockchains, the timing of block production is determined by Proof of Work, so block production can happen at any time.

Even if everything is done technologically to overcome this problem, the issuing company can not guarantee the transaction time on the Waves blockchain (DPoS).

### **2.2. Risk of blockchain congestion**

Bitcoin and Ethereum blockchains sometimes have bottleneck periods during which transactions are put on hold.

Some people can also spam the network, thinking of taking advantage of it.

Although the Nokenchain ecosystem is addressing this problem as much as possible with the use of the Waves blockchain, the issuing company can not guarantee anything about it.

### **2.3. Risks related to software security**

The concept of smart contracts, which create the mechanism for creating and distributing tokens, as well as the IOTA/Tangle protocol and the Nokenchain platform, are still young technologies. There is no guarantee that the token management process will not experience any interruption or error.

There is an inherent risk that the software will experience a vulnerability or bug that could lead to loss of tokens.

### **2.4. Risks related to new technologies**

The platform, the tokens that will be created and all the things indicated in this whitepaper are new and very little tested over time. Although everything is done so that there are no problems, the platform and the tokens can have problems. Owners should not rely 100% on the platform, smart contracts or features associated with the platform.

Technology is evolving rapidly and tools can become obsolete.

## **3. Security risks**

### **3.1. Risk of losing private keys**

The tokens (and the Nokenchain "cryptocurrency") can be kept in a wallet, which requires a private key. The loss of this key will result in the permanent loss of the tokens and access to the wallet.

Anyone with access to the private key can steal the funds stored on the wallet.

The issuing company can not be held responsible if you lose, or have your private key stolen.

### **3.2. Lack of safety of tokens**

Tokens can be stolen. Hackers or organizations may attempt to attack smart contracts.

Because Waves is open source, there is a risk that smart contracts contain bugs or generate unwanted vulnerabilities.

In case of attack, it is not possible to guarantee that the tokens will not be lost.

### **3.3. Risks related to cryptomining**

Since the IOTA protocol does not require cryptomining, the risks associated with mining do not exist. It is the same for the Waves protocol, which works with Delegated Proof of Stake.

### **3.4. Risks related to wallets**

The used wallet must be compatible with the NOKN token. The owner must make sure. The use of the Waves.Exchange official wallet on smartphones is recommended.

## **4. Risks related to the platform development**

### **4.1. Risks related to third parties**

Even if everything is done so that there is no problem, the platform will use third-party code. There is no assurance that the third-party code will do its job properly.

### **4.2. Dependence of the Nokenchain platform on the development team**

The success of the project, which also aims to maintain a competitive position, is dependent on the servitude and seriousness of the management and development team.

A change in the team can have implications on the development. Research for qualified and expert partners is intense because of the small number of individuals capable of carrying out the planned operations.

### **4.3. Dependence on different factors**

The development of the platform may be abandoned for a variety of reasons, including lack of public interest, lack of funds, lack of commercial results or departure of key members.

#### **4.4. Lack of interest in the platform**

Although the platform is planned, launched and adopted, its sustainability depends on the interest and participation of developers and the public. There is no guarantee that there will be enough interest or participation.

#### **4.5. Changes on the platform**

The platform is constantly evolving. There may be changes in the future.

### **5. Risks related to business**

Risks of conflicts of interest.

Legal risks.

Transactional risks.

Risks related to emerging markets.

### **6. Government risk**

Risks related to regulation.

Failure to obtain, maintain or renew licenses or permits.

Risks related to government actions.

Risks related to the complexity / heaviness of laws, regulations and standards.

Illegal or arbitrary government actions.

## Appendix 1 : Table of notoriety tokens creation (basic idea)

Year	Number of created coins	Total	% total	Creation
Year 0 (kick-off)	22,500,000	22,500,000	22.50%	/
Year 1	4,700,000	27,200,000	27.20%	20.89%
Year 2	4,700,000	31,900,000	31.90%	17.28%
Year 3	4,700,000	36,600,000	36.60%	14.73%
Year 4	4,700,000	41,300,000	41.30%	12.84%
Year 5	4,700,000	46,000,000	46.00%	11.38%
Year 6	4,700,000	50,700,000	50.70%	10.22%
Year 7	4,700,000	55,400,000	55.40%	9.27%
Year 8	4,700,000	60,100,000	60.10%	8.48%
Year 9	4,700,000	64,800,000	64.80%	7.82%
Year 10	3,200,000	68,000,000	68.00%	4.94%
Year 11	3,200,000	71,200,000	71.20%	4.71%
Year 12	3,200,000	74,400,000	74.40%	4.49%
Year 13	3,200,000	77,600,000	77.60%	4.30%
Year 14	3,200,000	80,800,000	80.80%	4.12%
Year 15	3,200,000	84,000,000	84.00%	3.96%
Year 16	3,200,000	87,200,000	87.20%	3.81%
Year 17	3,200,000	90,400,000	90.40%	3.67%
Year 18	3,200,000	93,600,000	93.60%	3.54%
Year 19	3,200,000	96,800,000	96.80%	3.42%
Year 20	3,200,000	100,000,000	100.00%	3.31%

**Appendix 2 : Table of the "nokencoin" token creation (Phase 1 in Virtual Proof of Stake before change to Virtual Masternode / stablenode)**

Year	Number of created coins	Total	% total	Creation
Year 0 (kick-off)	61,000,000	61,000,000	29.04%	/
Year 1	7,450,000	68,450,000	32.60%	12.21%
Year 2	7,450,000	75,900,000	36.14%	10.88%
Year 3	7,450,000	83,350,000	39.69%	9.82%
Year 4	7,450,000	90,800,000	43.24%	8.94%
Year 5	7,450,000	98,250,000	46.79%	8.20%
Year 6	7,450,000	105,700,000	50.33%	7.58%
Year 7	7,450,000	113,150,000	53.88%	7.05%
Year 8	7,450,000	120,600,000	57.43%	6.58%
Year 9	7,450,000	128,050,000	60.98%	6.18%
Year 10	7,450,000	135,500,000	64.52%	5.82%
Year 11	7,450,000	142,950,000	68.07%	5.50%
Year 12	7,450,000	150,400,000	71.62%	5.21%
Year 13	7,450,000	157,850,000	75.17%	4.95%
Year 14	7,450,000	165,300,000	78.71%	4.72%
Year 15	7,450,000	172,750,000	82.26%	4.51%
Year 16	7,450,000	180,200,000	85.81%	4.31%
Year 17	7,450,000	187,650,000	89.36%	4.13%
Year 18	7,450,000	195,100,000	92.90%	3.97%
Year 19	7,450,000	202,550,000	96.45%	3.82%
Year 20	7,450,000	210,000,000	100.00%	3.68%