

NSCOIN



WHITEPAPER

1. Abstract

We as Nscoin community offer a new service to the participants in the cryptosphere. With our project, we aim to simplify the development of new cryptocurrencies.

We provide our clients with the appropriate source code they need to develop their own coins.

We introduce our own coin NSC, that makes use of the most advanced technology to gain the trust and loyalty of our currency users. We only accept compensation from our own NSC currency.



2. What are we offering

2.1. Context

The flaws and dishonesty of the mainstream financial sector which is vastly controlled by society's elite and their political cronies, laid down the basis for the creation of cryptocurrency that promised to get money and finance back at the service of the many instead of benefitting the very few.

The backbone of the cryptocurrency, the blockchain technology, is an inherent Game-Changer. It can be applied not only to make digital coins, but also in various areas of network applications that can reinvent the way we perceive our financial transactions.

The benefits of this newborn technology are invaluable. It promises to democratize the financial sector that has been kidnapped by the elite who used it for their own benefits at the cost to the masses. The blockchain technology is the creative disruptive force in the financial sector. This technology was invented as a backlash against the excessive centralization of finance and the breach of privacy by the big multi-national corporations.

However, this nouvelle technology is in its infancy and there are many challenges that need to be addressed. Think for example about the proof of work (PoW) and mining. It turns out that this method of mining is rather having a perverse effect. Contradicting the very philosophy that underpins cryptocurrency concept which is power decentralization over the citizens' finance, in other words more democratization of the financial sector.

PoW requires heavy investment in hardware, which means only the have's can reap the benefits of mining. This is indeed a contradiction.

However, developers realized the problems these flaws were causing and introduced new protocols and methods to counteract these imbalances. For example, to address the issues arising from PoW, developers produced a new protocol that altered mining, called Proof of Stake (PoS). We, as the Nscoin community, anticipate the continued fast pace of this evolution and we offer the participants in this market a simplified avenue to take advantage of these protocols.

We understand that the strength of this market is embedded in its diversity. As the applications of the blockchain technology are countless, we see a rising demand for this technology while it is also in constant evolution which also obliges the existing coins and other applications to catch up with the technological innovations. In the meanwhile there are many men and women who have innovative ideas but lack the technical expertise to put their ideas into practice.

We are here to help you to reap the benefits of this technology. If you have an idea for a currency but don't have the technical expertise, this will no longer pose a problem. you will have everything you need to make your currency real by providing you with all the source codes you need to do so.

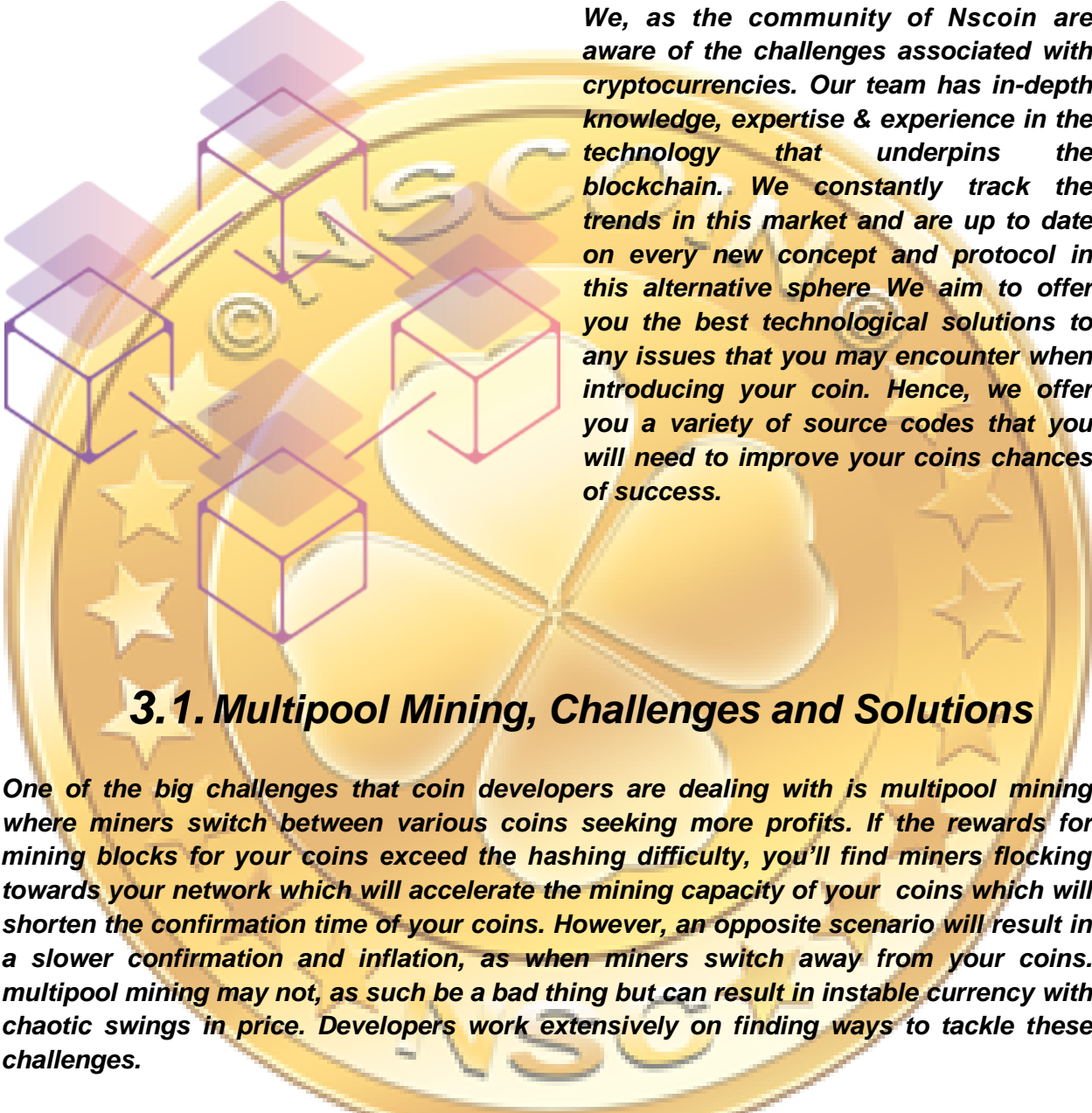
To compliment the above mentioned services, we have developed a high-performance cryptocurrency, aptly called Nscoin (NSC. Payments for our services will only be accepted by NSC Coin, enabling you to benefit from our services with the knowledge we take meticulous care about the quality and reputation of our currency and community.

We acknowledge that we must go the extra mile to ensure we gain your trust and achieve your loyalty to us and our projects. Below we give more details about us, our currency and our project, we hope to welcome you aboard to enjoy our coin and services.

2.2. Our Philosophy

Since time began human beings have used their creativity to invent new tools and technologies to enrich their lives. Technology has increasingly enabled better living standards. Money was such an invention that made goods exchange much more efficiently. However, technology and inventions have been taken hostage by elites of society to serve their own goals, as has occurred to the current monetary system by the central bankers. The current technology that underpins the cryptocurrency, i.e., the blockchain, is the new creative disruption tool that promises to revolutionize the way we do finance. Blockchain technology will democratize finance and make it more equitable. We believe sincerely in these objectives and absolutely committed to these principles.

3. What we offer



We, as the community of Nscoin are aware of the challenges associated with cryptocurrencies. Our team has in-depth knowledge, expertise & experience in the technology that underpins the blockchain. We constantly track the trends in this market and are up to date on every new concept and protocol in this alternative sphere. We aim to offer you the best technological solutions to any issues that you may encounter when introducing your coin. Hence, we offer you a variety of source codes that you will need to improve your coins chances of success.

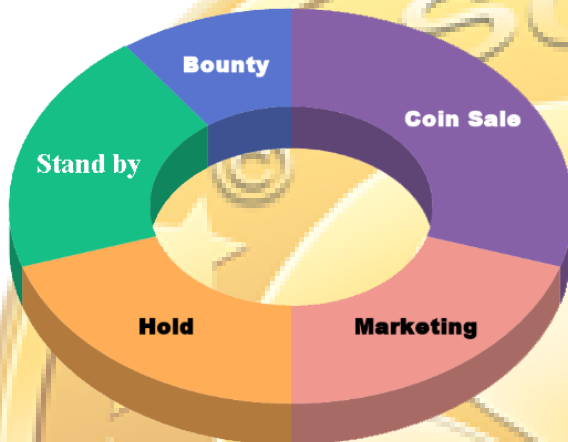
3.1. Multipool Mining, Challenges and Solutions

One of the big challenges that coin developers are dealing with is multipool mining where miners switch between various coins seeking more profits. If the rewards for mining blocks for your coins exceed the hashing difficulty, you'll find miners flocking towards your network which will accelerate the mining capacity of your coins which will shorten the confirmation time of your coins. However, an opposite scenario will result in a slower confirmation and inflation, as when miners switch away from your coins. multipool mining may not, as such be a bad thing but can result in instable currency with chaotic swings in price. Developers work extensively on finding ways to tackle these challenges.

One of the innovations in this context was the invention of block difficulty readjustment algorithm. As the name says, the difficulty of hashing adjusts automatically to maintain the stability of the coin. One of the most innovative algorithm that is now used is called Dark Gravity Wave 3 algorithm. Before this innovation, Kimoto Gravity Wall was popular, which used information from previous blocks to re-adjust difficulty for the next. Dark Gravity Wave 3 is inspired by the previous algorithm but uses more sophisticated algorithms to solve problems that arose with Kimoto Gravity Wall.

DGW uses multiple exponential moving averages and a simple moving average to achieve the smoother difficulty re-targeting mechanism. Coins that use DGW are more immune to multipool mining as it re-adjusts difficulty with each block. DGW block time becomes more consistent and can be used to accelerate transactions.

3.2. Pre-mining allocation



It is worth to mention that we opt for Proof of stake instead of Proof of Work for our currency. However, in the pre-mining phase we will use this protocol and then switch to the proof of stake permanently. Given that the project has enormous start-up expenses, it is essential for developers to pre-mine a proportion as they work on the development of the coin. We therefore use the following scheme:

3.3. Proof of Work vs Proof of Stake

As has been discussed, the cryptocurrency is in its infancy and is witnessing an exponential evolution. Proof of Work (PoW) has many flaws and turns to contradict with the principles of the cryptocurrency project. Miners need to invest heavily in computing power, resulting in a Matheus effect. Those who have the means will earn more as they can bear the high costs of computing. This is particularly undemocratic and threatens to transform the cryptocurrencies to be at the mercy of the very few who have the means to mine.

As a solution to that problem, developers came up with a new protocol, which is called "Proof of Stake" (PoS). With PoS, miners are replaced by masternodes. Masternodes are networknodes that keep the network running. Masternodes don't need to be computers with unique properties, they only need to have a computer running 24/7. In order to reap the benefits, you need to have stakes in the currency. Unfortunately again, Matheus-effect remains stubborn. In other words, people with more means are the ones who benefit more from the rewards. But nonetheless, research shows that PoS is more equitable than PoW. There remains also the problem of governance. As the system gives the validators with higher stakes more say on important decisions, the risk remains that powerful validators may control the currency and deteriorate the governance system.

3.4. Tiered Masternodes 3 Levels

As the Nscoin Community we are aware of these challenges. We care more about decentralized governance and more equity. We therefore opt for a provable system that can tackle these issues. Hence we make use of three level tiered masternodes. We aim towards decentralizing decision making and also to give people with less means the opportunity to participate in decision-making and benefit from the profits of our coins.

3.5. Shared Masternode

As we care about a wide participation in our coin and equity, we further facilitate shared masternode services so that investors with less means can pool together and benefit from the rewards as network validators. We target a more durable stakeholdership and hence a more stable coin.

3.6. Coin Stability and Inflation Targeting Measures

One more reason that we opt for the PoS is that it allows for the possibility to control inflation. You wonder how that is possible without a 'central bank'? Indeed, a cryptocurrency is a decentralized monetary system and can't be managed by any entity such as a 'central bank'.

But with the masternodes, the stakes requirements change automatically as a function of an increase or a decrease of the currency supply. Add to that the fact that a value depreciation of a cryptocurrency occurs when there is an oversupply of the currency, in other words, when the sell-off exceeds the demand.

With 3 level tiered Master-nodes this problem is contained to a certain degree as it gives extra incentives to a broader range of investors to hold stable stakes in the currency. This is because compensating the stake-holder takes time factor into consideration, that said, the longer you hold a stake the higher the compensation.

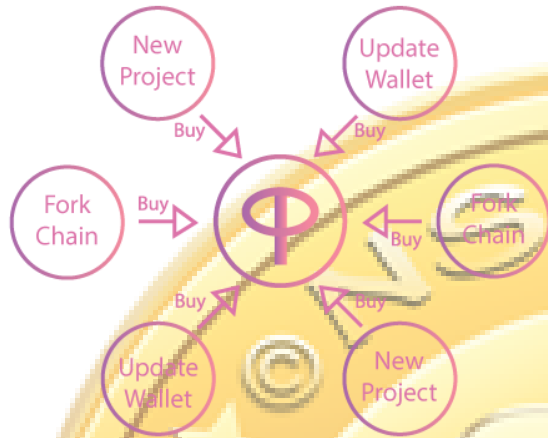
The 3 levels of tiered masternodes attract a wider pool of investors to hold stakes in the currency for longer time spans, meaning that more investors, whether with small or bigger stakes will have incentives to invest durably in the coin.

This is also why we encourage our investors to make use of shared masternode services.

Our coin is run by PoS protocol and with 3 levels of tiered masternodes.

Are you a new entrant and want to opt for such an instrument, we are here to provide you with tailor-made source codes to make your project succeed.

3.7. Start of Project & Choosing the Right Exchange Service



Shortly after launching our currency, we will kick start our services and begin dealing with your requests for source codes. In that period we will first take care that our coin is stable and meets all the criteria which we highly value. Each project that we receive will be put under intensive scrutiny to scan for scam coins. We as responsible developers care about the reputation of this cryptosphere to not be spoiled by scam coins and deceptive schemes. We will therefore scrutinize all the roadmaps, whitepapers and development team's histories to filter the projects that fulfill

honesty criteria.

We will research to find the best exchange services that just fits best with our coin. Crypto-Bridge and Graviex are our first live exchanges, with coins now available. We hope to engage with other exchanges that can offer us a high quality service for an extra stable coin.

4. Conclusion

As a team of experts in blockchain technology, we offer our clients an invaluable service that will enable them to start their blockchain projects with more ease. We offer source codes for different cryptocurrency protocols which will simplify blockchain technology for the entrepreneurs with great ideas but who lack the technical expertise to make their ideas a reality. We have developed our currency for compensating us for our services and rewarding our investors. Our currency is based on the most recent technologies in the cryptosphere and our team highly values the principles of equity, decentralized governance and democratic participation. We therefore opt for Proof of Stake protocol with 3 level tiered masternodes to attain the goals we believe in.