

StakeCube

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# *StakeCube*

LITEPAPER

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# StakeCube's **Mission**

The Crypto space has been in a constant state of change ever since the first altcoins were created. Every day new possibilities are introduced, making it sometimes difficult to keep up with the market. Following every development is time consuming, and also having to register and maintain accounts on many platforms can be inefficient and sometimes dangerous.

All of these challenges are particularly tough on newcomers to the space, that feel lost in the ocean of possibilities. Lacking the proper knowledge to navigate all of the different platforms they often fall prey to scammers, make mistakes or simply miss the best ways to earn. This is where we can make a difference. We created StakeCube with the mission to significantly improve the earning experience of both veterans and Crypto newbies.



# How can StakeCube Help?

StakeCube aims to become the one-stop Crypto platform, a place offering all possible services and earning options for crypto-assets. It provides newcomers with a safe environment to learn all that Crypto has to offer. They can just explore the different available apps, and ask questions to our very engaged community of experts. For veterans, the convenience of never having to move their coins from one place to another reduces costs and allows for the easy execution of complex strategies.

To give an example, suppose you want to maximize the profit you obtain from masternode rewards. You can do this by selling them for Bitcoin and earning interest on the proceeds. Some of this Bitcoin could then be reinvested into mining contracts, or used to buy some staking coin that pays you a solid ROI. So far all of these operations would require an account in an exchange, a mining platform, a masternode hosting platform, a staking platform and a platform that offers interest on your Crypto. Moving the coins to match the strategy requires countless transactions, with their corresponding fees. All of this can be improved by using StakeCube. Simply keep your funds in your StakeCube account, and compound strategies at your convenience with a few clicks and no fees.

# StakeCube Coin (SCC) and StakeCube Protocol

**When we created StakeCube**, we envisioned complementing it with a utility coin to be used for all sort of purposes inside the platform. A native coin helps in creating synergic strategies by providing discounts, bonuses and additional earning possibilities. We decided to use for our coin a dual masternodes and mining block validation system. Not only does this provide an extra layer of security to the network, but also makes earning possibilities more diverse.



**StakeCube Coin (SCC)  
and StakeCube Protocol**



# SCC Reward Structure

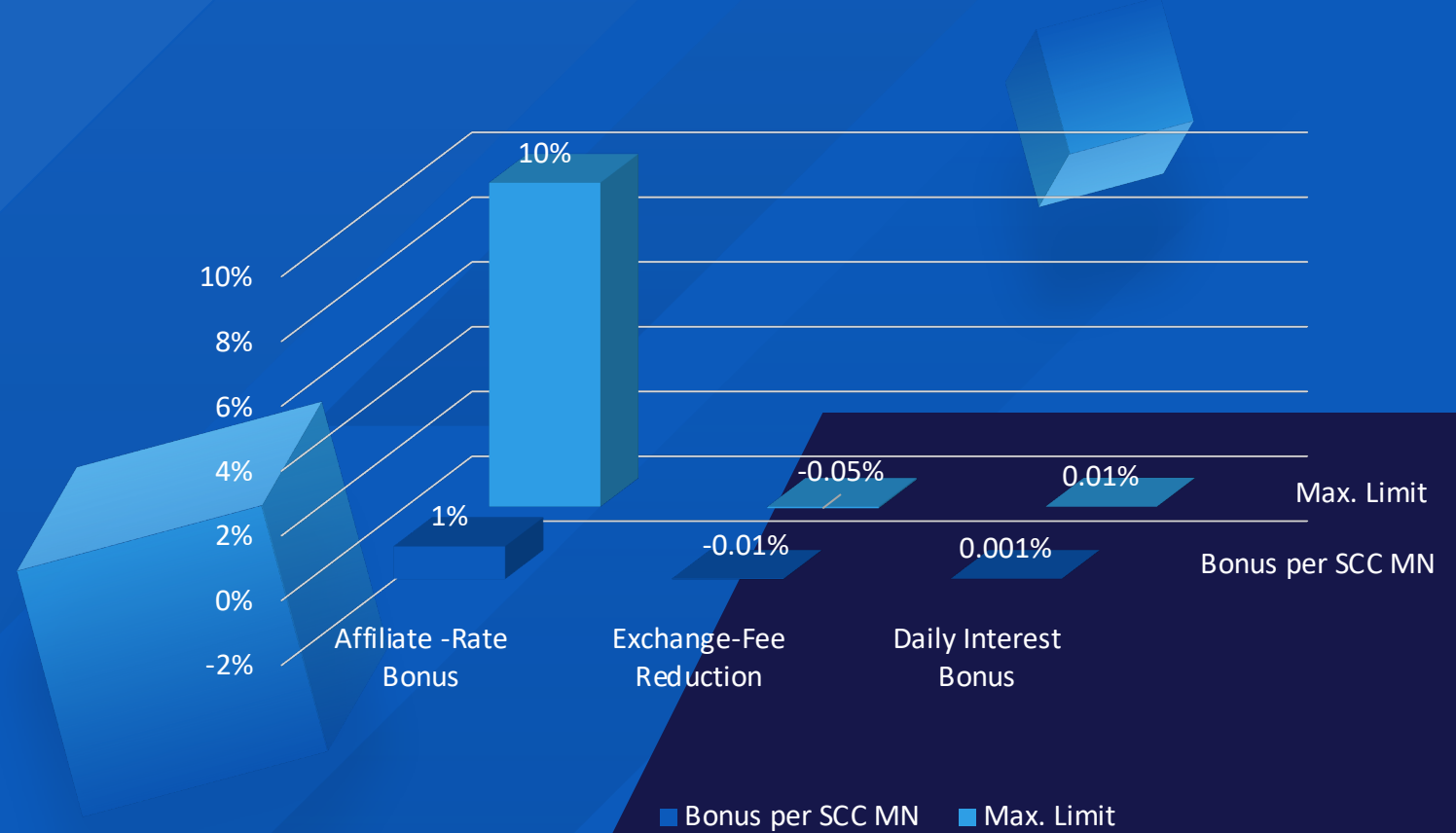
Phase	Block	Total Reward	MN Reward	% Block	POW Reward	% Block
1	2 – 5,000	0.10 SCC	0.07 SCC	70%	0.03 SCC	30%
2*	5,001 – 250,000	9 SCC	6.30 SCC	70%	2.70 SCC	30%
3	250,001 – 500,000	8 SCC	5.60 SCC	70%	2.40 SCC	30%
4	500,001 – 750,000	7 SCC	4.90 SCC	70%	2.10 SCC	30%
5	750,001 – 1,000,000	6 SCC	4.20 SCC	70%	1.80 SCC	30%
6	1,000,001 – 1,250,000	5 SCC	3.50 SCC	70%	1.50 SCC	30%
7	1,250,001 – 1,500,000	4 SCC	2.80 SCC	70%	1.20 SCC	30%
8	1,500,001 – 1,750,000	3 SCC	2.10 SCC	70%	0.90 SCC	30%
9	1,750,001 – 2,000,000	2 SCC	1.40 SCC	70%	0.60 SCC	30%
10	2,000,001 – 2,250,000	1 SCC	0.70 SCC	70%	0.30 SCC	30%
11	2,250,001+	0.5 SCC	0.35 SCC	70%	0.15 SCC	30%

\* Current Phase

# SCC Bonus Program

The way we designed this, masternode owners do not just earn block rewards, they also get access to the SCC bonus program. The SCC bonus program gives discounts and bonuses to SCC masternode owners incrementally with the number of masternodes they own. But also, by targeting masternode owners for these benefits, we create additional incentives for users to install and maintain them. The more masternodes running, the more stable the blockchain. It's a win-win scenario. While SCC benefits from the added stability to the network, users can take advantage of the corresponding boosted yields and reduced fees.

## SCC Bonus Program





# StakeCube Protocol (SCP)

StakeCube Protocol is designed to radically improve the functionality of StakeCube Coin (SCC). With SCP, we intend to provide the platform for a fully decentralized, user-friendly and scalable economy. Hodlers, developers and traders can take advantage of all the possibilities that SCP offers for tokenized assets and services. SCP eliminates the need for centralized intermediaries, while allowing for the trustless transfer of value. DEXes, autonomous contracts and many other options are made possible through it.

From a technical standpoint, SCP combines a UTXO-based blockchain with an account-based system, on top of DASH-based technology such as InstantSend. This allows for great usability without sacrificing any technical capabilities.



# SCP Wallet, a Base Layer for the StakeCube Decentralized Economy

StakeCube.net offers a great variety of Crypto services to our users, however there is generally the requirement of taking custody of assets to offer these services. For example to exchange coins, buy workers, or to lock a masternode collateral it is necessary to make a deposit. SCP allows for all of the same services and interactions to take place in a completely decentralized way. This can be achieved by tokenizing these services and turning them into fully transferable assets.

The SCP wallet is at the center of this system, providing a place to store the tokens, stake them, exchange them, etc. To achieve this, the wallet needs to emphasize usability and security. We made the SCP wallet into a Zero-sync light-wallet to reduce the time and resources needed to use it. Moreover, a customizable but simple UI makes the SCP wallet an intuitive tool with a smooth onboarding process.

Security is reinforced through the use of 2FA; and a sophisticated encryption system that makes it physically impossible for a third-party to access the wallet without the password. The wallet also features an automatic staking APR/ROI calculator, and the possibility to use custom themes with light and dark available as default.

But the wallet can potentially transcend the borders of StakeCube.net, as there is no limit to which tokens can be created and for what purposes. By paying a small deployment fee, anyone can create SCP-based tokens for any use-cases they can conceive and with any characteristics they want to give them. Possibilities are endless.



# SCP Token Standards: SCP-1 and SCP-2

## SCP-1

SCP-1 is the most basic token standard. It allows to set a token name, a ticker, and a maximum supply. Upon creation, no tokens will be minted. The token creator can then use the mint command on the console. The mint command allows the creator to mint new tokens, provided this doesn't increase the existing supply above the maximum set at the start. This kind of token standard can be employed in use-cases that require certain degree of centralization, such as stablecoins or tokenized services like MineCube workers. SCP-1 tokens may also be burnt, which reduces the circulating supply without affecting the maximum.

# SCP Token Standards: SCP-1 and SCP-2

## SCP-2

SCP-2 provides a greater degree of decentralization, allowing for more complex economic systems. This is thanks to the real-time, fairly distributed Proof of Stake mechanism. SCP-2 tokens also have a name, ticker and max supply, but the issuer may only use the minting function once. The token creator must also select a block reward, that will be regularly distributed to all token holders. With every new block and completely automatically, token holders will receive new coins in their wallets proportionally to their stake until the max supply is reached. Staking will then stop with no new issuance until coins are burnt and circulating supply is reduced below the maximum. Use cases that would benefit from a fair and decentralized distribution are possible with this standard. It is designed to avoid the possibility of rug-pulls, giving users peace-of-mind for their investments.



# StakeCube, the Platform

StakeCube is structured in separate applications, each of which provides a different Crypto service. The main services are:

## Exchange

Our Integrated Exchange

## NodeCube

Masternode Hosting  
Solution

## MineCube

Mining Contracts

## Earn

Staking, Masternodes,  
Interest



[Read More](#)

# The Exchange

When StakeCube was created, the main focus of the platform were staking possibilities, with shared masternodes added shortly thereafter. Given the constant flow of these coins to users, it made sense to provide with a way for them to sell rewards back to Bitcoin or other coins. That is why we added the exchange to the platform, with trading pairs for all coins listed on the platform.

StakeCube Exchange is a centralized order-book based exchange. We intend to provide it will a full suite of functionalities that would be expected from a professional-grade Crypto exchange. Chart analysis tools, indicators, several order types, and a great variety of currency pairs to minimize the number of transactions needed to perform a swap. Ease of use is also greatly emphasized, with the possibility to perform a trade with just a few clicks and no typing.



# NodeCube

NodeCube is our masternode hosting solution. Masternodes require some technical knowledge to install and maintain, and this makes them inaccessible to some people. They also require constant attention, having to check for upgrades or issues that can cause down times with loss of rewards. With NodeCube we offer the possibility for users to install masternodes with just 2 clicks.

Some people worry about depositing coins to a centralized platform while others don't mind so much. That's why with NodeCube we offer two solutions, Cold nodes and Hot nodes. Cold nodes require the owner to keep the collateral coins in their own personal wallet, while StakeCube takes care of installing and maintaining the masternode. This is slightly trickier, as the user needs to perform some actions on the wallet and keep it updated when new versions are released. This is why we also offer hot nodes. With hot nodes users simply deposit the coins, click two buttons and that's it.



# NodeCube



# MineCube

## MineCube

The oldest earning opportunity in Crypto, and still one of the most popular is Proof of Work mining. There are nevertheless entry barriers that make it difficult for people to get involved with it. First is the hardware, which is costly, making it impossible to invest small amounts and expect a return. But it is also difficult to gain access to cheap electricity, without which mining is often times not profitable.

With MineCube, we make mining accessible to all investors with some of the lowest electricity costs on the planet. To participate, users must buy workers, which are shares in a miner pool owned by StakeCube. The physical miners are managed by our partner Meatec, and mine Bitcoin, Ethereum, Litecoin and Dash. Mining rewards coming from all these miners are pooled together, and paid out to our users proportionally to their share.

Because our mining partner has access to extremely cheap electricity, and because we can negotiate bulk deals with them, our users obtain the best possible mining profitability. Additionally, users may select which coin they want to receive the mining rewards in, with 6 available at the moment. In the future we will also offer the possibility to split these rewards and receive them in several different coins with percentage allocations.



# Earn

Different blockchains have different ways to validate blocks, usually paying the validators a block reward. For example, in Proof of Work coins, miners get a reward for every block they successfully solve. Block rewards are yet another way to make money in Crypto, and that's why StakeCube offers this possibility as well. We talked about StakeCube's solution to earn Proof of Work rewards in the previous section. However, there are other validation systems with their own reward schemes.

Some coins have a Proof of Stake validation system. To earn rewards, it is necessary to keep coins in your wallet, being more likely to earn a reward the more coins you have. Other coins have masternodes, that require a specific amount of collateral locked up, and usually a VPS to run the node. There's also many coins that have both validation systems, combining Proof of Stake and masternodes. Both these systems have the inconvenience that to receive rewards it is necessary to make a big investment, and keep the wallet or the node running and updated. This leaves out any small investor, or anyone not interested in performing the necessary maintenance.

For example, people with a highly diversified portfolio are unlikely to want to maintain hundreds of wallets and nodes running.

StakeCube fixes this by pooling the coins from all users, and distributing the rewards proportionally to the user's contribution. We don't make distinctions whether the coin is a staking one or a masternodes one. For staking, all coins are added to a wallet to stake.

For masternodes we install as many as we have collateral for, provided they are profitable enough. Then, as the collective wallet receives rewards, we credit the user accounts accordingly. In this way, the user doesn't need to do any maintenance, and thanks to the large coin pools, rewards are much more frequent.

# Ask Questions In The Chat & Check Our **Media Channels**

We believe in people before platforms and the power of social insight to drive business value. This is what we call Social Thinking.



**Twitter**

@stakecube



**Github**

/stakecube



**Discord**

discord.stakecube.net



# Thank You

