

# KuBitcoin (KuBtc)

July 8, 2021

## Abstract

We want to build a bitcoin on [Kucoin Community Chain](#) (KCC). The purpose is to improve certain aspects of bitcoin with the use of the latest mainnet release of the KCC. We believe that KCC will gain some dominance in the crypto community, due to its extremely high transaction speed and the lowest ever transaction fees.

## 1 KuBtc explained

Bitcoin (btc) has been proposed [1, 2] by Satoshi Nakamoto more than one decade ago as a purely peer-to-peer version of electronic cash. Up to today, it has recorded 67 millions holders. However, it has several drawbacks. First, bitcoin mining requires high energy consumption. In fact it requires an exponential increase of energy consumption as more and more bitcoins are mined. This poses a potential threat to the global energy. Bitcoin transaction also incurs high transaction fees. The peer-to-peer transactions are also extremely slow. We want to utilize the Kucoin Community Chain to build a faster, cheaper, and greener Bitcoin. Therefore we initiate the project of KuBitcoin (KuBtc).

## 2 Kucoin Community Chain (KCC)

We believe that KCC has an overall advantage compared to Binance and Ethereum. For example, it has the lowest transaction fees and highest transaction speed. Kucoin Community Chain (KCC) also originates from Kucoin Exchange, which is more widely accepted in many countries compared to Binance Exchange. Read, e.g. [this report](#).



Figure 1: Logo of kubitc.

### 3 KuBitcoin vs Bitcoin

Same as bitcoin, the supply of KuBitcoin (kubtc) is limited to 21 millions. Our goal is to make 1 kubtc equivalent to 1 btc. Up to today kubtc has 10 million circulating supply.

However, different from btc, kubtc does not require or attract miners. Instead of bitcoin mining, the remaining kubtc supply will be airdropped. kubtc consumes 0 mining energy. Therefore it is the greener bitcoin. We plan to airdrop kubtc to all users *1 million kubtc per 100 days*, in proportion to their holdings.

Based on our experiment dated July 6th, 2021 (in peer-to-peer transfer of 1 kubtc vs 1 btc), we obtained the following data:

- kubtc is 20000x faster in transaction speed than btc. Transferring 1 kubtc takes just 0.3 seconds, while transferring 1 btc takes almost 2 hour. Therefore, kubtc is 24000x Faster in transaction speed than btc. However, taking into the number of users (since kubtc is very new) and time fluctuation into account, we conservatively reduce the multiplier from 24000 to 20000.
- kubtc is 10000x cheaper in transaction fee than btc. In fact, transferring 1 kubtc takes almost zero cost, i.e. less than 0.005 USD in our experiment, which is one of the user friendly features of KCC.

### 4 Deflationary and an exponentially shrinking supply

Although KuBitcoin (kubtc) starts with 21 million supply, the supply will actually exponentially decrease (Fig. 2). The supply mechanism is detailed as follows.

Different from Bitcoin, KuBitcoin is deflationary. We plan to do kubtc buyback at rate of *1.5 millions kubtc per 100 days*. All kubtc buyback will be burnt and destroyed. We will send all the bought-back kubtc to multiple dead inaccessible KCC addresses.

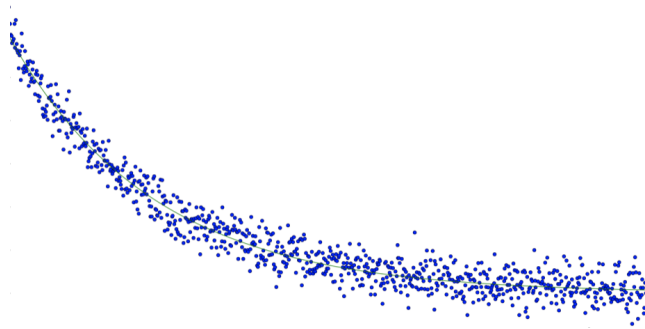


Figure 2: Exponential decay of kubtc supply.

## **5 Conclusion**

Kubtc is the btc on kucoin community chain. All in all, KuBitcoin is the faster, cheaper and greener Bitcoin. We refer to it as the People's bitcoin. Our goal is to make 1 kubtc equivalent to 1 btc, same as all the variants of stable coins.

## **References**

- [1] Nakamoto, Satoshi. "Bitcoin: A peer-to-peer electronic cash system." *Decentralized Business Review* (2008): 21260.
- [2] Nakamoto, Satoshi. "Re: Bitcoin P2P e-cash paper." *The Cryptography Mailing List* (2008).