CIRQUITY

Whitepaper v0.1.1

(May 9, 2020)

OFFICIAL LINKS

Website: https://cirquity.com

GitHub: https://github.com/cirquity

Bitcoin Talk: https://bitcointalk.org/index.php?topic=5219298

Desktop Wallet: https://github.com/cirquity/cirquity-wallet/releases

Android Wallet: https://play.google.com/store/apps/details?id=com.cirqwallet

Paper Wallet: https://cirqwallet.com/paper

Official Pool: https://pool.cirquity.com

Block Explorer: https://explorer.cirquity.com

Telegram: https://t.me/cirquity

Discord: https://chat.cirquity.com

Facebook: https://www.facebook.com/cirquity

Twitter: https://twitter.com/cirquity

Reddit: https://www.reddit.com/u/cirquity

Official Email: dev@cirquity.com

SPECIFICATIONS

PoW algorithm: **CryptoNight Lite**	Max supply: **1 Trillion coins**
Decimal point: **2**	Block time: **30 seconds**
Emission speed factor: **25**	Difficulty: **Retargets at every block**
Unlock window: **40**	Pre-mine: **NO**
Public address prefix: **cirq**	Ticker: **CIRQ** Symbol: **₡**
P2P port: **18129**	RPC port: **18128**

WHAT IS CIRQUITY?

Cirquity is a private, fast, secure cryptocurrency with the objective of giving everyone an easy way to send money to family, friends and businesses. Allowing you to be your own bank. Our goal for Cirquity is to be used on any aspect of transactions globally. Cirquity is based on Cryptonote technology and using CryptoNight Lite algorithm implemented on TurtleCoin which is ASIC resistant.

Transactions in Cirquity are untraceable and unlinkable. Cirquity provides complete anonymity and privacy using cryptographic technology ring signatures. All transactions signed on behalf of a group so that it is impossible to determine who exactly from the group signed the transaction and, accordingly, one cannot say with certainty who carried out the payment. The more participants in the group, the more confidential the operation is. Also, the transactions cannot be associated, even if outgoing transactions are untraceable, everyone may still be able to see the transactions you have received. However, by using a variation of the Diffie-Hellman exchange protocol, a receiver has multiple unique one-time addresses derived from his single public key. After funds are sent to these addresses they can only be redeemed by the receiver and it would be impossible to cross-link these transactions.
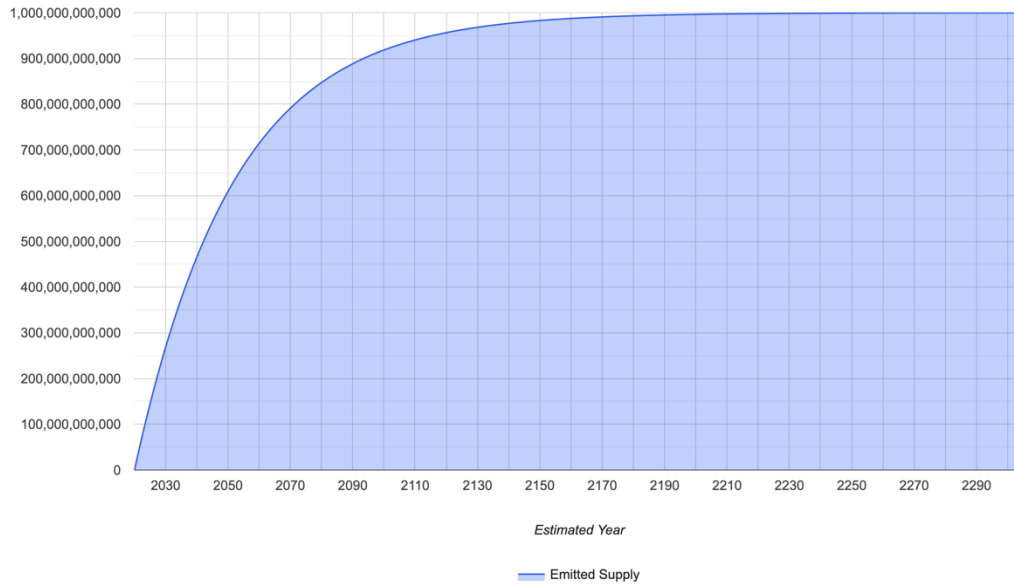
WHY CIRQUITY IS CREATED?

Mainly because there are many limits when sending money, making transactions in different currencies or different banks and countries. The cost is high, and you have no control over it. However, using Bitcoin involves non-secure or non-anonymous transactions.
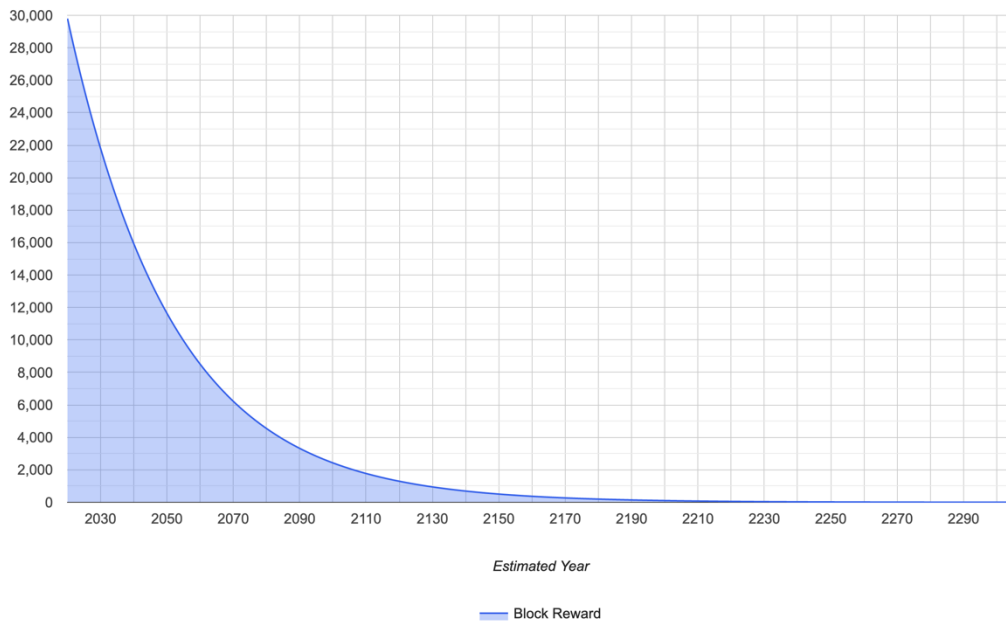
WHAT ARE WE DOING?

With the blockchain-based cryptocurrency Cirquity, transactions will be faster, private and secure. Unlike Bitcoin, Cirquity transactions are anonymous. By implementing Lite-Blocks to reduce the size of our blockchain, allowing normal users to participate in our network without having expensive equipment. Thus, building a CirqPay payment system with a minimum transaction cost to allow everyone to pay and make comfortable and fast transactions. Having a community focus blockchain, Cirquity is own by the everyone allowing the decentralization of the currency.

MINING REWARDS & CIRCULATION

Total CIRQ in Circulation per Bloch Height

Emitted Supply

Block Reward Reduction per Year

Block Reward

PROJECT ROADMAP

STAGE 1

1. Launch Cirquity cryptocurrency
2. Deploy block explorer and mining pool
3. CLI and GUI wallet for desktop
4. Mobile wallet
5. Discord tipbot & faucet
6. Spread the word
    a. We need to tell the world about Cirquity so we can gain traction. Everyone is welcome on our community.

STAGE 2

1. Exchange listings
    a. CIRQ Airdrop give-away
2. Payment system (CirqPay)
    a. WooCommerce
    b. Magento CE
    c. CS-Cart Multi-Vendor
    d. Gateway Service
3. Commerce integrations (Online and Local)
4. Local FIAT currency exchange
5. Mobile application
    a. To be used for any transactions regarding Cirquity

STAGE 3

1. Updates all software
2. Features Voting system
3. Continue developing features
    a. Features requested by community members

TEAM & PARTNERS

DEETERD (https://github.com/deeterd)

MARCOZZZ (https://github.com/marcoziliotto)

CRYPTOPANDESAL (https://github.com/crypTuron)

Oolixy Team: https://oolixy.it

SPECIAL THANKS

The CryptoNote Developers

The Bytecoin Developers

The Monero Project

The TurtleCoin Developers

To our Discord community

Miners, followers and BitcoinTalk users

REFERENCE

CryptoNote v2.0 Whitepaper: https://cryptonote.org/whitepaper.pdf