QUANTUM

CONNECTING MARKETS

Whitepaper

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A cryptocurrency is a digital asset designed to work as a medium of exchange using cryptography to secure the transactions and to control the creation of additional units of the currency. Cryptocurrencies are a subset of alternative currencies, or specifically of digital currencies.

Bitcoin became the first decentralized cryptocurrency in 2009. Since then, numerous cryptocurrencies have been created. These are frequently called altcoins, as a blend of bitcoin alternative. Bitcoin and its derivatives use decentralized control as opposed to centralized electronic money/centralized banking systems.
The decentralized control is related to the use of bitcoin's blockchain transaction database in the role of a distributed ledger.
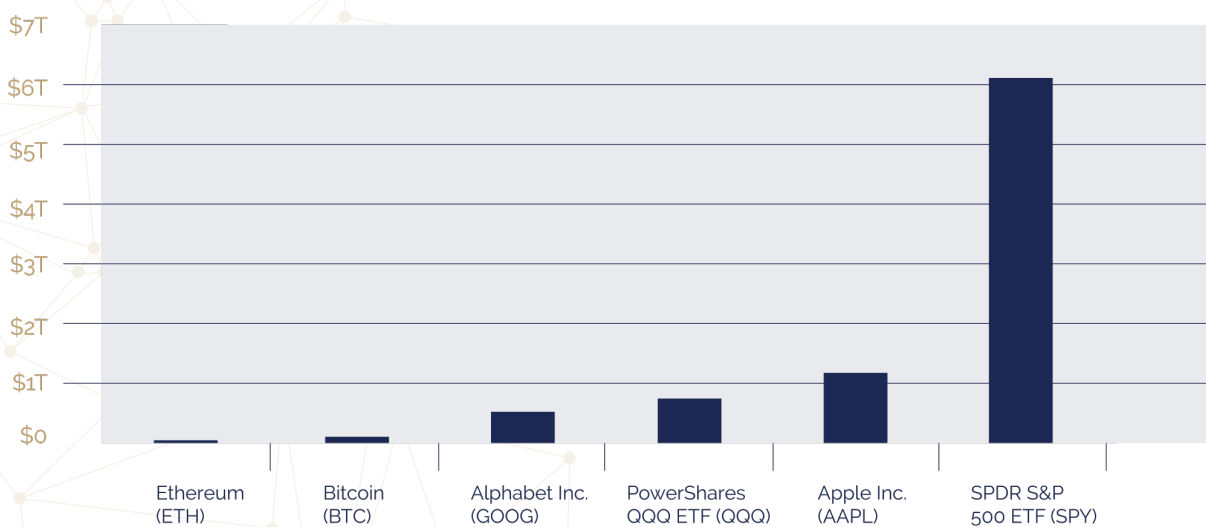
Source: wikipedia.com

Overview

Cryptocurrency and digital asset markets are relatively small compared to traditional finance markets and do not allow large institutional investors to enter this new and fast growing ecosystem. One of the main reasons preventing large players from entering the crypto revolution are illiquid order books and wide market spreads. This prevents sizeable cash flows from entering and exiting the markets in an efficient and cost effective way and leads to scepticism among traditional money managers.

To support this fast growing ecosystem of various crypto currencies and digital assets, the crypto economy needs a professional and large provider of liquidity across all crypto related markets. This will lead to a faster and more stable growth of the entire crypto economy.

1 year trading volumes

$7T	
$6T	
$5T	
$4T	
$3T	
$2T	
$1T	
$0	

Ethereum (ETH)   Bitcoin (BTC)   Alphabet Inc. (GOOG)   PowerShares QQQ ETF (QQQ)   Apple Inc. (AAPL)   SPDR S&P 500 ETF (SPY)

Quantum project

The aim of the Quantum project is to bring institutional grade liquidity to cryptocurrency and digital asset markets. This will be achieved by creating a liquidity pool of funds and allowing crypto community to participate in increasing the depth of various order books. The liquidity pool will be funded by issuing Quantum tokens that will be sold and traded on various crypto markets.

Quantum token

Quantum tokens will be issued on the Ethereum network and will be freely traded on an open market. Ethereum is an open-source project which allows creation of smart contracts and provides users with a secure and fast transaction system.

Presale period

⅓ of all issued tokens will be made available to early adopters during a presale period. The conditions of the presale, including the start and the end date, will be published on the official project website. All funds collected from the sale of Quantum tokens will be injected into the liquidity pool and used to provide liquidity for different exchanges or any other crypto markets created in the future.

Issuance of tokens

Quantum tokens will be issued and distributed among presale investors no later than 30 days after the presale period is completed. The amount of tokens issued will be final and based on the amount of funds collected during the presale period. All instructions on how to take delivery of Quantum tokens will be sent to email addresses specified by investors during the presale period.

Trading of tokens

The Quantum project will promote and add Quantum tokens to as many marketplaces as possible. This process will start as soon as tokens have been issued. Buybacks, data quoting or any other market actions performed by the issuer will be executed on an open market and will be announced on the official project website.
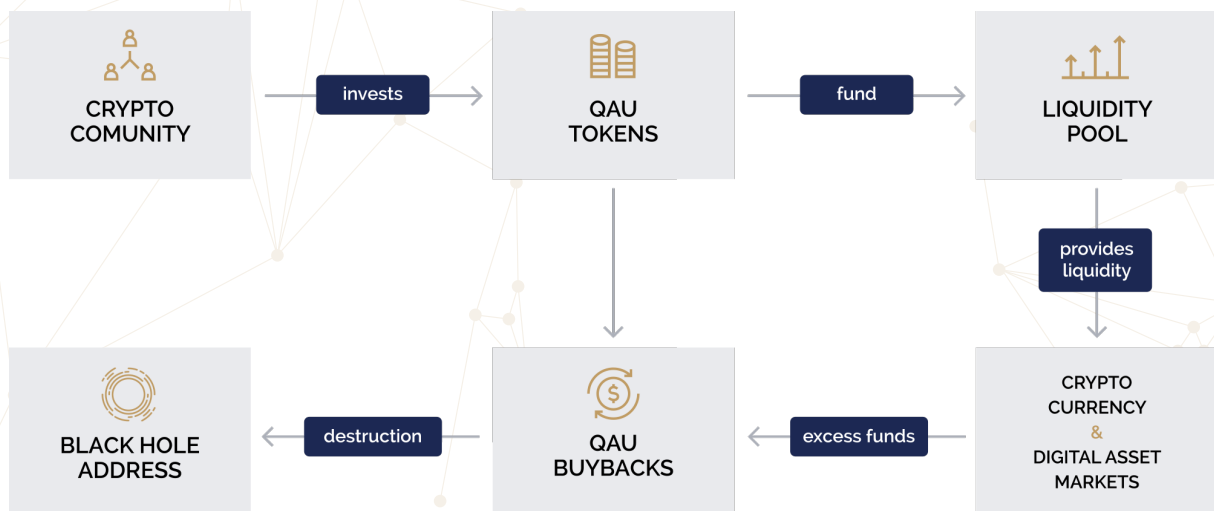
Token buybacks

Any income generated from the liquidity pool will be used to buy back tokens at the best possible price available on open markets. This operation will be executed on a monthly basis and publicly announced on the official website of the project.

Destruction process

All tokens that will be bought back by the Quantum project will be sent to a black hole address and will get destroyed forever. The black hole address will be published on the official project website and will be auditable in real time. This process will decrease the amount of tokens in existence and increase the value of all other tokens still held by token holders.

```
CRYPTO          invests      QAU           fund        LIQUIDITY
COMUNITY        ──────▶      TOKENS        ──────▶      POOL

                                │                          │
                                ▼                  provides liquidity
                                                           │
                                                           ▼
                                                      CRYPTO
BLACK HOLE    destruction    QAU        excess funds  CURRENCY
ADDRESS       ◀──────       BUYBACKS    ◀──────       &
                                                      DIGITAL ASSET
                                                      MARKETS
```

Liquidity pool

The Quantum project will reserve ⅔ of issued tokens to be able to support further development and to increase the size of liquidity pool in the future to boost the ability to make markets as they grow larger and more liquid. The increased amount of funds in the liquidity pool will also speed up the destruction process of all tokens in existence and add more upside potential to the growth of the value of a single Quantum token.

Risk management

The Quantum project will use advanced risk management models to mitigate any potential loss of funds in the liquidity pool. All models have been back-tested since the inception of bitcoin and will be modified to meet all risk profiles of any currency or digital asset that will start trading on open markets. Any funds waiting to be deployed to the market will be held in a secure multi signature vaults.