

WHITEPAPER

Introduction

1. Company

The DACH Project was officially started in July 2018. Because of the different brands DACH Project is working on, we decided to start a company who holds the different brands.

DACHCOIN Limited is an officially registered company in England and Wales. The registration was approved on 22nd October 2018 under Company Number 11633574.

DACHCOIN Limited is the company where the brands DACHEX Crypto-Tracker and DACH Exchange will be a part of. Possible future brands will also be a part of DACHCOIN Limited.

2. Team

All DACHCOIN Limited Core-Team members are available also on Discord.

The Team of DACHCOIN Limited:

@DACHDEV - Hosting Provider since 1998, Blockchain Developer and CEO

@DACH|Coin – Business Developer and Web Developer – 13 Years of experience

@Dachex – Web Developer and Web designer – 7 Years of experience

@RaF(4493) – Marketing & PR and Data analysis – 12 years of experience

With partnerships, sponsorships and collaboration with other developers, promoters and influencers, DACHCOIN Limited has a good representation of different skillsets to develop and deliver the different platforms.

3. Purpose

In the recent years we saw a growth in the cryptocurrency market. With this growth there were also an increase of different cryptocurrency trackers. After some research we saw that most of the cryptocurrency trackers don't satisfy all needs of investors in cryptocurrency. With DACHEX Crypto-Tracker our goal is to develop a crypto platform that will satisfy all needs of a cryptocurrency investor. All possible and relevant information at one place - the DACHEX Crypto-Tracker.

While development of DACHEX Crypto-Tracker, DACH Team decided to build a stronger use case for DACH Coin. DACH Exchange is a great addition as brand to DACHCOIN Limited. Our focus in short term is to deliver 2 platforms:

- DACHEX Crypto-Tracker and DACH Exchange.

During development of both platforms we will always ask feedback and ideas from our community. Once both platforms are ready for release, our long term goal will be to integrate these platforms into 1 ultimate crypto trading platform.

4. DACHCOIN - Cryptocurrency

DACH Coin is a cryptocurrency, a digital asset designed to work as a medium of exchange that uses strong cryptography to secure financial transactions, control the creation of additional units, and verify the transfer of assets. Cryptocurrencies are a kind of digital currency, virtual currency or alternative currency. Cryptocurrencies use decentralized control as opposed to centralized electronic money and central banking systems. The decentralized control of each cryptocurrency works through distributed ledger technology, typically a blockchain, that serves as a public financial transaction database. Bitcoin, first released as open-source software in 2009, is generally considered the first decentralized cryptocurrency. Since the release of Bitcoin, over 4,000 altcoins (alternative variants of Bitcoin, or other cryptocurrencies) have been created.

DACH Coin will be used as primary cryptocurrency to pay for different services on the DACHEX Crypto-Tracker and on the DACH Exchange.

5. Blockchain

A blockchain, is a growing list of records, called blocks, which are linked using cryptography. Blockchains which are readable by the public are widely used by cryptocurrencies. Private blockchains have been proposed for business use.

Each block contains a cryptographic hash of the previous block, a timestamp, and transaction data (generally represented as a Merkle tree root hash). By design, a blockchain is resistant to modification of the data. It is "an open, distributed ledger that can record transactions between two parties efficiently and in a verifiable and permanent way". For use as a distributed ledger, a blockchain is typically managed by a peer-to-peer network collectively adhering to a protocol for inter-node communication and validating new blocks.

Once recorded, the data in any given block cannot be altered retroactively without alteration of all subsequent blocks, which requires consensus of the network majority. Though blockchain records are not unalterable, blockchains may be considered secure by design and exemplify a distributed computing system with high Byzantine fault tolerance. Decentralized consensus has therefore been claimed with a blockchain. Blockchain was invented by Satoshi Nakamoto in 2008 to serve as the public transaction ledger of the cryptocurrency bitcoin. The invention of the blockchain for bitcoin made it the first digital currency to solve the double-spending problem without the need of a trusted authority or central server.

6. Proof of stake and Masternode (POS/MN)

DACH Coin is a proof of stake and masternode cryptocurrency. Proof of stake (PoS) is a type of algorithm by which a cryptocurrency blockchain network aims to achieve distributed consensus. In PoS-based cryptocurrencies the creator of the next block is chosen via various combinations of random selection and wealth or age (i.e., the stake). Masternode is simply a cryptocurrency full node or computer wallet that keeps the full copy of the blockchain in real-time, just like you have Bitcoin full nodes and is always up & running. But masternodes are considerably different in their functionality than normal nodes. They are different because they perform several other functions apart from just keeping the full blockchain and relaying blocks/transactions as a full node does in Bitcoin/Litecoin.

Some of the special functions that these nodes perform are:

- Increasing privacy of transactions- Doing instant transactions
- Participating in governance and voting
- Enable budgeting and treasury system in cryptos

By holding DACH Coin everyone can earn passive income because of the POS/MN structure of the coin and take part in some of these functions when holding a DACH Coin masternode.

7. Requirements for a DACH Masternode Hosting

- 5000 DACH Coins
- VPS running on Linux with a dedicated IP Address
- You can find our DACH Masternode Guide under GitHub:
<https://github.com/dachcoin/masternode-install>

Just like full nodes in a cryptocurrency, masternodes can be run by anyone. However, there is an entry barrier in place to ensure that the system doesn't get malicious. The entry barrier is what one needs to commit or collateralize certain units of that particular cryptocurrency to run a masternode. This is done to ensure that a masternode owner doesn't cheat or corrupt the system and the best of doing so is by putting this entry barrier where the masternode operator has something at stake in the whole game. So naturally, it becomes very less likely that a masternode operator will cheat because he has a stake in running the whole system and even if he chooses to do so he will be punished in the form of devaluation of their own holdings.

8. DACH Specifications:

- Coin Name: DACH Coin (DACH)
- Coin Type: POS & MN
- Max Coin Supply: 38,000,000 DACH
- Block Time: 1 Minute
- Algorithm : Quark
- Premine: 1M DACH
- Maturation time : 101 Blocks
- Min stake age : 1 hours
- Encrypted transactions: YES
- Mine-able: NO
- Masternode Collateral: 5,000 DACH

Reward Distribution:

Block Height	Masternodes	PoS
0-25000	90% (0.9 DACH)	10% (0.1 DACH)
25000 - 40400	90% (31.5 DACH)	10% (3.5 DACH)
40400 - 66200	90% (45.0 DACH)	10% (5.0 DACH)
66200 - 98900	90% (54.0 DACH)	10% (6.0 DACH)
98900 - 136800	90% (63.0 DACH)	10% (7.0 DACH)
136800 - 156800	90% (36.0 DACH)	10% (4.0 DACH)
156800 - 250000	90% (27.0 DACH)	10% (3.0 DACH)
250000 - Infinite	50% (10.0 DACH)	50% (10.0 DACH)

9. DACHEX Crypto-Tracker

DACHEX Crypto-Tracker is an ultimate platform to keep track of crypto market and prices. It has a clean, user-friendly, contemporary design, awesome features and continuous updates.

Features

- Realtime Charts Prices
- Portoflio (Blockfolio) where a you can easily create own portfolio and track profit
- Featured Presales and ICO's list (DACH/BTC payments accepted)
- Active Presales and ICO's list (DACH/BTC payments accepted)
- Upcoming Presales and ICO's list (DACH/BTC payments accepted)
- News updates
- Cryptocurrencies categorisation
- Detailed overview
- Includes all big exchanges information
- Watchlist
- Banner Ads Management (DACH/BTC payments accepted)
- Announcements (DACH/BTC payments accepted)

DACHEX Crypto-Tracker can be used by investors and cryptocurrency projects. Investors can choose a basic or premium membership with different features.

Cryptocurrency projects can list/ promote their project on the DACHEX Crypto-Tracker. The main payment options will be DACH and BTC.

10. DACH-Exchange

DACH Exchange will be a centralized cryptocurrency exchange. User-friendliness, service and security are highly valued.

Some of the top cryptocurrency coins will standard be listed on the exchange with no listing fee required. When trading volume picks up and DACH Exchange gets more traffic, listing on DACH Exchange will be a paid feature. Direct listing will be paid in DACH or BTC.

A few features of DACH Exchange:

- User friendliness
- Customer service
- Security
- Technical analysis tools
- Expert trading possibilities (stop loss/ trailing stop loss)
- Free listing possibilities by community voting. Voting will be paid in DACH Coin
- Coin listings will be paid in DACH or BTC
- Transaction fees can be paid in DACH Coin at a discounted rate
- More features coming

11. Important links:

Website:	https://www.dachcoin.live/
Bitcointalk:	https://bitcointalk.org/index.php?topic=4969379.0
Twitter:	https://twitter.com/dachcoin
Instagram:	https://www.instagram.com/dachcoin/
Discord:	https://discord.dachcoin.live
Twitter:	https://twitter.com/dachcoin
Explorer:	https://explorer.dachcoin.live/
GitHub:	https://github.com/dachcoin/dachcoin
MN Guide:	https://github.com/dachcoin/masternode-install
Wallets:	https://github.com/dachcoin/dachcoin/releases

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