



MICROMINES WHITEPAPER 2.0

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MicroMines

A truly decentralised exchange (DEX) that brings the freedom of exchanging digital assets without complexity.

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EXECUTIVE SUMMARY

MicroMines (MICRO) is an ERC-20 token based on Ethereum Blockchain, enabling users to exchange value securely, quickly, and without the expense. MICRO is developing its own ERC-20 Decentralised Exchange (DEX), which allows users across the globe to trade cryptocurrencies. Enabling them to own their private keys in order to have full control over their digital assets, MICRO Exchange users will enjoy a secure environment for trading cryptocurrencies as well as a high level of privacy. Without having to reveal any personal information, MICRO Exchange will never ask its users to submit any forms of verification such as Passport, Driving License, or Bank Statements. Thus, trading on MICRO Exchange will be completely private.

MICRO Exchange will mainly have MICRO Pairs in addition to Ether. Moreover, trading fees are reduced if paid with MICRO as well as the token listing fees.

Finally, MICRO Exchange is operating right in the Asian market, which is dominating the cryptocurrency industry with 38% of users globally compared to 27% in Europe and 17% in North America.

INTRODUCTION

MicroMines (MICRO) is a new project being worked on by an ambitious team in the heart of Asia-Pacific region, that is looking to deliver the next cutting-edge decentralised exchange (DEX) to millions of users without the complexity. Freedom is a key in exchanging digital assets, which should be accessible by all cryptocurrency users without limitations.

For that, MICRO is going to launch its MICROEX early next year in Q1, followed by a full launch to the decentralised platform in Q2. Micro had successfully raised funds through Private Sale on 27 October 2018, which is followed by a Public sale on 01 November 2018.

MICRO is an ERC-20 token based on Ethereum Blockchain, with a number of great features that include Profit-Sharing model, in which MICRO investors will be rewarded with 50% of the profit generated by MICROEX. MICRO team believes that investors contribute to the growth of the project in the long term, and staking tokens to earn rewards is expected to lock up a great amount of tokens, where the increase in demand is met with limited supply, then the token should become more valuable.

MICROEX is a truly decentralised exchange that will never ask users to comply with any KYC and AML policies, allowing millions of users wishing to exchange digital assets an alternative option to the centralised exchanges, in which they do require their users to verify themselves to comply with these policies.

This document explains the MICROEX, including its advantages over the centralised exchanges, its features and ecosystem, the Asian-pacific market, token information and allocations, team structure, the roadmap, exchanges and all useful links.

MICROEX

MicroMines is developing the next generation Decentralised Exchange (DEX), which is scheduled for BETA launch in Q2 2019. The team aims to fully launch the platform later in Q3 2019. MICROEX will offer a number of great features to the end user, such as enabling the user to have a full control over their digital assets (owning the wallet private keys), anonymity (no identity verification is required in order to deposit, withdraw, as well as trade cryptocurrencies), and a high level of security using the latest technologies for Peer-to-Peer (P2P) trading systems.

Centralised cryptocurrency exchanges, on the other hand, have to comply with Know-Your-Customer (KYC) and Anti-Money Laundering (AML) policies, therefore they ask their users to be verified using official government identification documents (ID) such as passport and driving license, as well as selfies, and many other forms of verifications such as bank statements and utility bills to verify the user's home address. This is a major obstacle for many users interested in trading cryptocurrencies, as they are not so confident that these sensitive information will be stored securely, when the rise of data breaches is taken into account.

Unlike with centralised exchanges that often disable cryptocurrency trading as well as deposits and withdrawals, MICROEX offers users up to 100% running time so that they do not miss a moment trading, depositing, and withdrawing cryptocurrencies. Moreover, while centralised exchanges maintain a full control of users' accounts, including their digital assets. It is very common to suspend accounts without any reason, which as a result, users lose their digital assets. Furthermore, centralised exchanges lack in security measures as they are running on known servers, which increase their vulnerability to hackers. MICROEX will be operating through a variety of nodes, leaving no doors open to hackers getting their hands on users' digital assets. Furthermore, users will enjoy a high level of privacy as they will not be sharing their data with MICROEX as they do with centralised exchanges.

MICROEX FEATURES

MICROEX allows users to trade ERC-20 tokens only. That gives them access to over 1,000 tokens that can be integrated directly onto MICROEX, without the complexity of integrating custom blockchains. With a high level of security protecting users' data, as well as their digital assets. MICROEX will have a user-friendly interface that suits both beginners and experienced traders. Moreover, MICROEX trading fee will be as low as 0.15% per transaction. Meaning that users will be trading without the high expense that centralised exchanges often charge, especially when users withdraw their digital assets to their wallets. For instance, Binance charges 0.1% trading fee plus withdrawal fee (0.0005 BTC, 0.01 ETH, 0.01 LTC). And Poloniex charges (0.25% take fee & 0.15% maker fee). With MICROEX, withdrawing ETH or other ERC-20 tokens will incur a network transaction fee only.

MICROEX features:

1. Full Control
2. High Level of Security
3. Complete Privacy
4. Low Trading Fees
5. Improved Interface Design (enhanced usability)
6. One-Click Ladder Trading Interface
7. Decentralised Account Balances
8. Reliable Running Time

MICROEX PLATFORM

MICROEX is a truly decentralised exchange (DEX) that brings the freedom of exchanging digital assets without complexity. MICROEX believes that exchanging cryptocurrencies should be free and available to everyone without limitations. That should be secure, private, and without the expense of high commission fees associated with trading and withdrawing digital assets.

A study shows that 73% of exchanges take custody of users' digital assets by keeping the private keys. Moreover, large exchangers do not spend much on securing their systems, 72% of large exchanges allocate less than 10% of their budget on security. However, MICROEX users should have their private keys to their digital assets, in case they lose access to the platform, they are able to use the private key to access them. The platform will have the top security measures to ensure that user digital assets are safe and not vulnerable to hackers. MICROEX will have a user-friendly interface that enables traders from all levels to exchange their digital assets, with Limit Order and Market Order, including Asks and Bids, users will be able to interact with all these options effectively.

MICROEX will launch two key pairs 1) Micro, and 2) ETH. That being said, users will be able to trade various ERC-20 tokens against MICRO token as well as ETH. The interface will display the markets available, the balance of the user, including the option to create a new wallet or unlock the one they are using to start trading. Users can also bookmark their favourite tokens to easily navigate between the markets that they are mostly interested in.

In addition to a candlestick chart for tracking the token price, a functional trollbox will connect users on the platform to exchange information and discuss the latest trends in cryptocurrency. Both Market Trade History as well as The User Trade History will be visible to give the user essential information about each market.

Figure 1: MICROEX Platform

The screenshot displays the Micro Exchange platform interface. At the top, it shows the ETH Price at \$219.09 USD and navigation links for Trade, Add Your Coin, Help, New Wallet, and Unlock Wallet. The main header identifies it as a Decentralized Digital Asset Exchange and promotes starting trading instantly.

MARKETS

Coin	Name	Price	Vol	Chg.
MICRO	Micromines	0.06295168	8.05	+25.75%

MY BALANCES

Coin	Name	Available	In Open Orders
MICRO	Micromines	0.06295168	0.06295168
ETH	Ethereum	0.06295168	0.06295168

MICRO / ETH

Contract: `0xcdfcf016...`
 Last Price: 0.00008224 | 24hr High: 0.00008224 | 24hr Low: 0.00008224 | 24hr Change: +25.75%
 24hr Volume: 12406235.13277552070085342 MICRO / 1030.179178913530472478 ETH

PRICE CHART

The chart shows a candlestick price movement for the MICRO/ETH pair over a period from late December to early January. The price starts around 0.00008224 and shows an upward trend, reaching a peak near 0.00010375 before settling back towards 0.00008224.

ORDER FORMS

BUY MICRO (No account loaded ETH)

Price: ETH, Amount: MICRO, Fee: 0.1%, Total: ETH. **BUY**

SELL MICRO (No account loaded MICRO)

Price: ETH, Amount: MICRO, Fee: 0.2%, Total: ETH. **SELL**

ASKS (Total: 2723281.78409746 MICRO)

Price	MICRO	ETH	Sum (ETH)
0.06295168	0.06295168	0.06295168	0.06295168
0.06295168	0.06295168	0.06295168	0.06295168
0.06295168	0.06295168	0.06295168	0.06295168
0.06295168	0.06295168	0.06295168	0.06295168
0.06295168	0.06295168	0.06295168	0.06295168
0.06295168	0.06295168	0.06295168	0.06295168
0.06295168	0.06295168	0.06295168	0.06295168

BIDS (Total: 2723281.78409746 ETH)

Price	MICRO	ETH	Sum (ETH)
0.06295168	0.06295168	0.06295168	0.06295168
0.06295168	0.06295168	0.06295168	0.06295168
0.06295168	0.06295168	0.06295168	0.06295168
0.06295168	0.06295168	0.06295168	0.06295168
0.06295168	0.06295168	0.06295168	0.06295168
0.06295168	0.06295168	0.06295168	0.06295168
0.06295168	0.06295168	0.06295168	0.06295168

MY OPEN ORDERS

Type	Price	Amount (MICRO)	Total ETH	Date	Action
Sell	0.06295168	0.06295168	0.06295168	22/11/2018 10:25:01 AM	Cancel
Buy	0.06295168	0.06295168	0.06295168	22/11/2018 10:25:01 AM	Cancel
Sell	0.06295168	0.06295168	0.06295168	22/11/2018 10:25:01 AM	Cancel
Buy	0.06295168	0.06295168	0.06295168	22/11/2018 10:25:01 AM	Cancel
Sell	0.06295168	0.06295168	0.06295168	22/11/2018 10:25:01 AM	Cancel

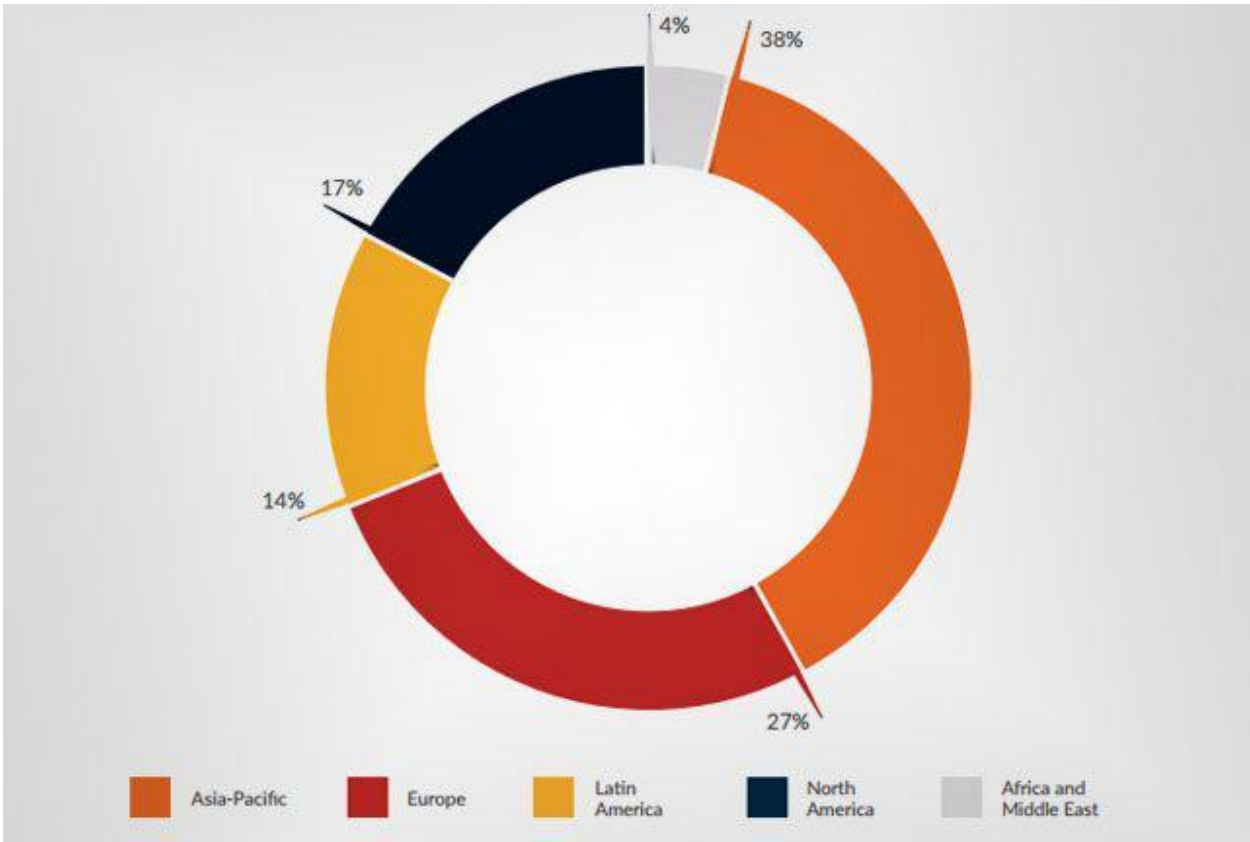
MARKET TRADE HISTORY

Date	Type	Price (ETH)	Amount (MICRO)	Total ETH
22/11/2018 10:25:01 AM	Sell	0.06295168	0.06295168	0.06295168
22/11/2018 10:25:01 AM	Buy	0.06295168	0.06295168	0.06295168
22/11/2018 10:25:01 AM	Sell	0.06295168	0.06295168	0.06295168
22/11/2018 10:25:01 AM	Buy	0.06295168	0.06295168	0.06295168
22/11/2018 10:25:01 AM	Sell	0.06295168	0.06295168	0.06295168

ASIA-PACIFIC MARKET

When it comes to cryptocurrencies, everyone is aware of the key role that the Asian market plays in such an emerging industry, taking into account the number of crypto users in the region (38%) compared to (27%) in Europe, and (17%) in North America. The size of cryptocurrency activities varies among regions, (83%) of money transfer services are based in Asia-Pacific compared to (4%) in Europe and (14%) in Latin America. B2B payments (35%), merchant services (36%), and general-purpose cryptocurrency platforms (37%) are all based in the Asia-Pacific region as well. Such a massive market share that proves the importance of the region in the industry.

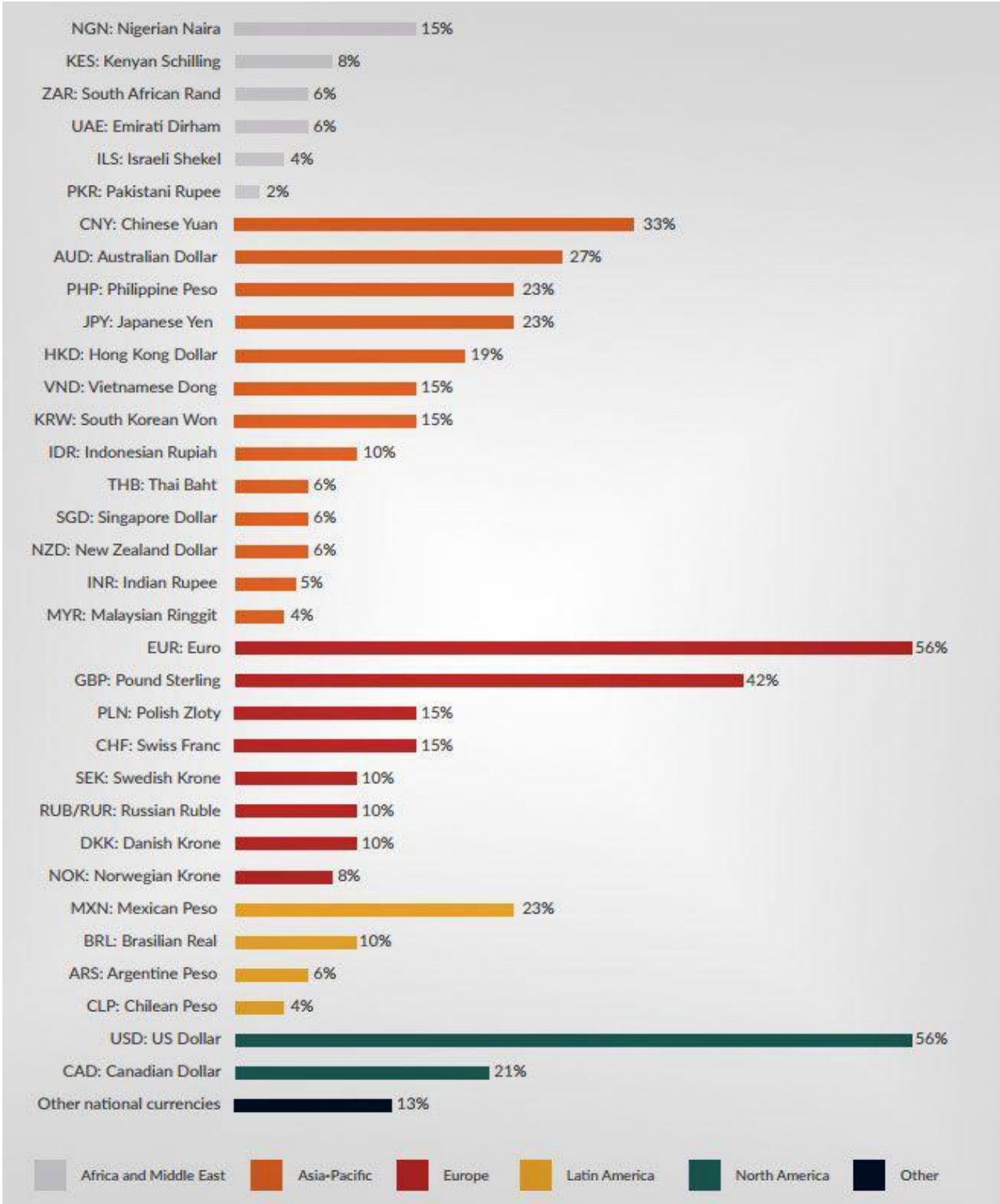
Figure 2: Asia-Pacific Market Share



However, MicroMines is based in Indonesia, which takes a great advantage of the wide access to the key markets within this region. Targeting users in China, South Korea, Japan, Singapore,

Vietnam, India, and the Philippines. A massive user-base that will benefit from MICROEX to exchange various ERC-20 digital assets without complexity.

Figure 3: Cryptocurrencies Against Fiat



MICROMINES TOKEN

MicroMines (MICRO) is an ERC-20 token based on Ethereum Blockchain. Sending and receiving MICRO are secure, quick, and easy. The token details are as following:

Token Name: MICROMINES

SYMBOL: MICRO

DECIMAL: 18

SMART CONTRACT: 0xbe6c8f2810ef39420d2dc2901b8414c8c45fee6d

TOTAL SUPPLY: 18,000,000,000 Micro (18 Billion)

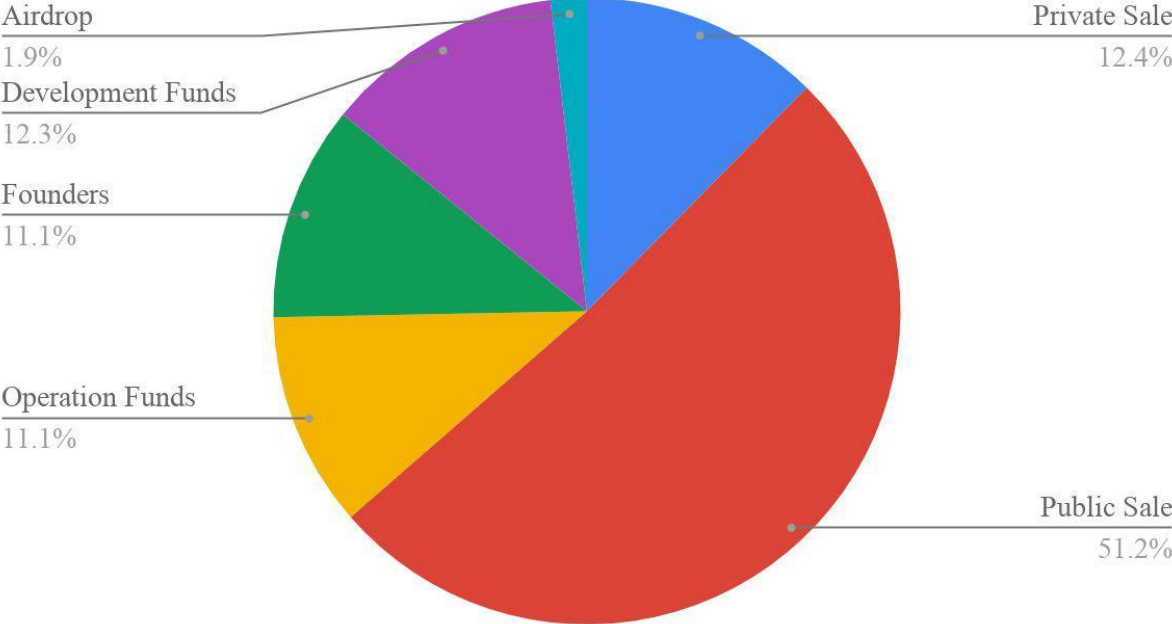
TOKEN ALLOCATIONS

MicroMines has successfully raised funds for the development of MICROEX. A hard cap of 650 ETH has been reached starting from 27 October 2018 for the Private Sale (100 ETH), followed by Public Sale (550 ETH) on 01 November 2018. The initial token supply was 20 billion, which was then reduced to 18 billion after conducting token burn (2 billion).

MicroMines founders hold 2 billion tokens, in addition to 2 billion for the team - locked for 1 year, and 2.22 billion for development. There was also token airdrop (335 million).

Figure 4: Token Allocations

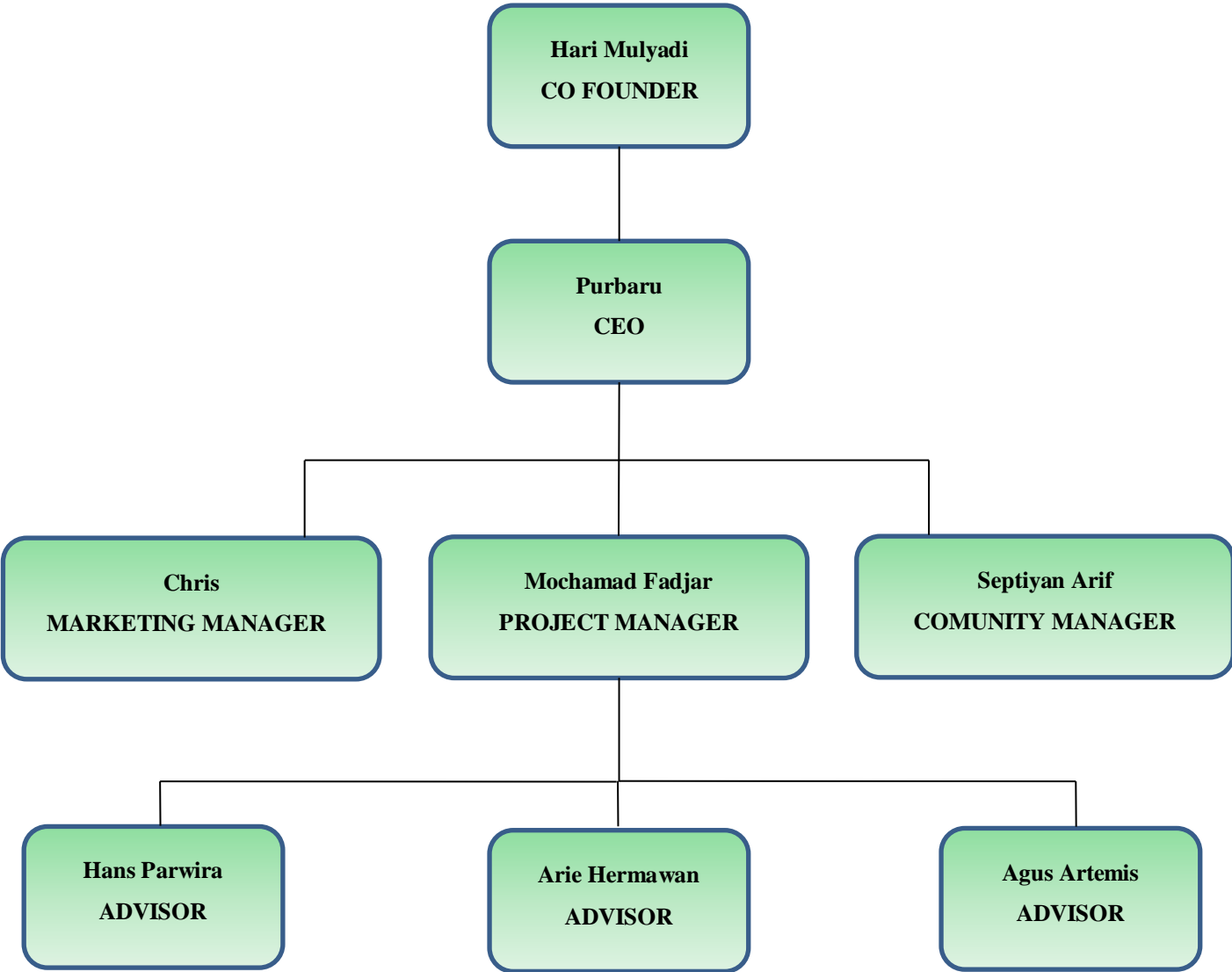
Token Allocations



MICROMINES TEAM STRUCTURE

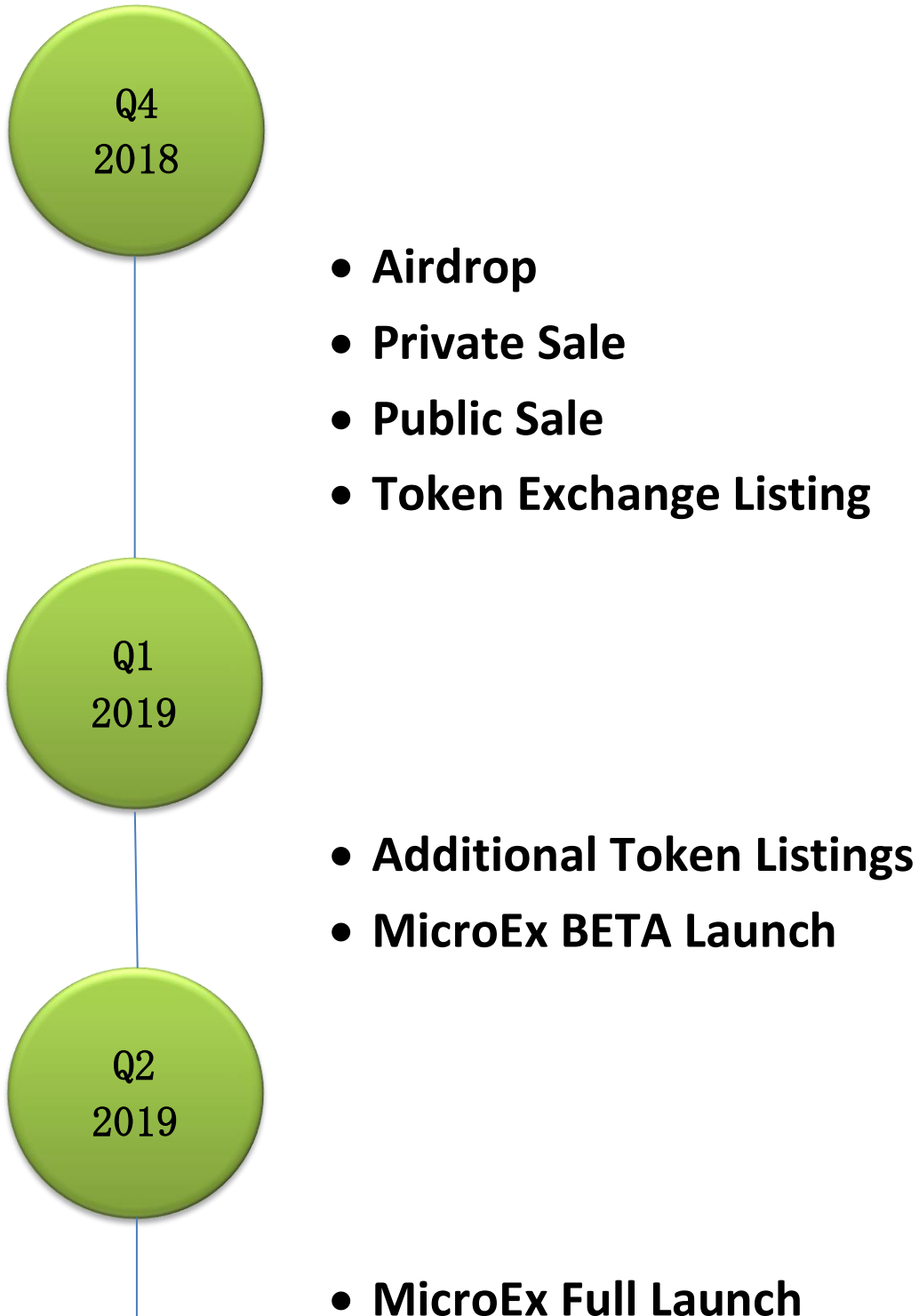
The team consists of six key members with a number of developers working to deliver the technology, currently under the Co Founder Hari Mulyadi.

Figure 5: Team Structure



ROADMAP

Figure 6 : MicroMines Roadmap





- **Roadmap Updates**

- **Centralized BETA Exchange Launch**

- **Centralized Exchange Full Launching**

MICROMINES EXCHANGES

MICROteam is constantly working on listing the token on reliable exchanges. Here is a list of active exchanges, including BTC, ETH, DOGE, PAX, and JRC Pairs.

BTC PAIRS

<https://crex24.com/exchange/MICRO-BTC>

<https://mercatox.com/exchange/MICRO/BTC>

ETH PAIRS

<https://crex24.com/exchange/MICRO-ETH>

https://www.hotbit.io/exchange?symbol=MICRO_ETH

<https://mercatox.com/exchange/MICRO/ETH>

<https://www.bilaxy.com/app/trade?symbol=124>

<https://ndex.market/#!/trade/MICRO-ETH>

https://bankcex.com/m-exchange-advanced.html?symbol=MICRO_ETH

<https://www.catex.io/trading/MICRO/ETH>

OTHER PAIRS

<https://www.catex.io/trading/MICRO/DOGE>

https://www.yibit.org/market/MICRO_PAX

https://www.yibit.org/market/MICRO_JRC

MICROMINES LINKS

Website: <https://micromines.co>

CoinMarketCap: <https://coinmarketcap.com/currencies/micromines/>

Linkedin: <https://www.linkedin.com/in/micro-token-39ba61171/>

Github: <https://github.com/MicroToken>

Discord: <https://discord.gg/fu5nVeF>

Telegram Group Global: <https://t.me/MicroMines>

Telegram Group Indonesia: <https://t.me/MicroMinesID>

Telegram Announcement Channel: <https://t.me/MicrominesANN>

Twitter: <https://twitter.com/micromines1>

Facebook: <https://www.facebook.com/pg/Microminestoken>

Medium: <https://medium.com/@MicroMINS>

Bitcointalk: <https://bitcointalk.org/index.php?topic=5057361>

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