DEFI INTRODUCTION

The Qnode.Defi is a governance driven defi token with its underlying x11 algorithmic protocol via a smart contract on the Binance Smart Chain.

v1.2.2 (Updated 31/03/21)

Contract Address:

0x3dd74e198f641b0b556680417e08e25228e47d41

Token Name (Symbol): Qnode.Defi (QND)

Token Decimal: 8

NETWORK / DEV TEAM: BINANCE SMART CHAIN / DYSNLAB.WORK

QNODE.DEFI TOKENOMICS

The Qnode.Defi Protocol token shall launch as an inter-chain, at a determined block height on the Binance Smart Chain. It shall be accompanied with a hardcoded bridge for iteration with it native chain (Qnode Blockchain).

SUMMARY

The Inter-chain defi shall only mint a maximum supply of 7,695,000 protocol tokens along with Qnode (x11) Blockchain & in accordance with its smart contract.

i. A total of 3,750,000 QND of the mint-able supply is allocated for crowd funding in two phases of sales at $0.10 & $0.30 respectively.

    a. 1,875,000 QND is allocated to private sales, plus 30% (562,500 QND) bonus for every address or users that interacts with the contract.

    b. A second 1,875,000 QND is allocated to phase 02 sales, plus 20% (375,000 QND) bonus for every address that interacts with the contract.

NOTE: *A total of 937,500 QND is to be emitted to all sale participants as bonus.*

ii. Community Marketing (airdrop) campaign is allocated and will distribute 625,000 QND to first 13,000 participants freely. And in addition, a shared pool of

200,000 QND for all affiliates. The shared affiliate pool supply shall be distributed after 120 days governance period.

iii. The Governance layer shall hold an approximated 89.97% of 2,183,500 QND (i.e 1,964,500 QND) in reserved vault (locked) for inter-chain bridge iteration with the Qnode Blockchain. While, 10.03% of the same (218,500 QND) shall be in (vault) locks for the defi development team for six months.

iv. Research and Development supply is inclusive within inter-chain supply from the QnodeCoin development supply.

v. Qnode.Defi (QND) will be available via the x11 algorithmic (inter-chain) bridge at 1 QND = 3.2 QNC (forever) for liquidity mining pools after an initial 120 days governance period from launch.

S/N	QND TOKENOMIC SUMMARY: 7,695,000 QND		
	Description	Supply	Status
1	Total for Sales	3,750,000 QND	Minted
2	Communnity & Marketting	1,762,000 QND	Minted
3	Algo – Bridge(120 Days Lock)	1,964,500 QND	Vaulted (lock)
4	Research & Dev, Team (6 months Lock)	218,500 QND	Vaulted (lock)
	Total Supply:	**7,695,000 QND**	

DEFI MINING (EXPLAINED)

On the Qnode Blockchain, there are two layers of Use-case functions and pool consensus; Master-nodes block-rewards and Hardware mining. And base on governance, the Qnode block rewards is split between masternodes (55%), miners (35%) and the self-funding treasury system (10%).

The Qnode.Defi mining/governance pool shall be deployed via the Inter-chain Bridge, as it is backed with the Qnode Blockchain and on determined governance.

At launch of inter-chain bridge, Only a minimum amount of 5,000 QNC or 1562.5 QND and above can be iterated (swapped) on the bridge for a to and fro transaction. Any swap below the minimum is disabled or lost if executed. This shall be adjusted automatically at every block-halving of the native blockchain and the minimum amount shall change on the bridge by the divisor of 2.

GOVERNANCE (EXPLAINED)

- Master-node feature, which is a PoSe (Proof of Service) functionality performs network security on the native blockchain and by extension incentivizes the Qnode.Defi protocol via the bridge.

  These services includes privacy of transactions (PrivateSend), Instant transactions (InstantSend), the distribution governance, the treasury system and projectile voting. This makes the network to grow stronger with masternodes.

- Difficulty changes with each increase in masternode, increase in block forge and governance heightens after each block halving on the native blockchain at every 210,240 block count. Thus halving the block rewards sequentially.

SEQUENTIAL BLOCK & SMART CONTRACT EMISSION GOVERNANCE

At height 210241, the first block halving shall initial and block reward shall split by a divisor of two. Also, its defi inter-chain equivalence shall reduce as follows:

- INTER-CHAIN: 5,000 QNC <=> 1562.5 QND (minimum per swap).
- 1ST HALVING: 2,500 QNC <=> 781.25 QND (minimum per swap) from height 210241 blocks.
- 2ND HALVING: 1,250 QNC <=> 468.75 QND (minimum per swap) from height 420481 blocks.
- 3RD HALVING: 625 QNC <=> 195.3125 QND (minimum per swap) from height 630721 blocks.
- 4TH HALVING: 312.5 QNC <=> 97.65625 QND (minimum per swap) from height 840,961 blocks

ALGORITHMIC BRIDGE FORMULAE

The following algorithmic formulae are derived uniquely for the Qnode Defi protocol and does only apply to the logic of this inter-chain.

#1. Inter-chain Defi Ratio (IDr):

Let Defi Ration Formulae be;

IDr   =   (0.000013% x QNC Supply) − ACN

Where 0.000013%: PAM (Percent of Algorithmic Multiple)

Where QNC Supply: 24,624,000

where ACN: 0.00112 *(Allowable Constant of Negligible Decimal)*

$$IDr = \frac{(0.000013 \times 24{,}624{,}000) - 0.00112}{100}$$

InterChain DeFi Ratio = 3.2 QNC

1 QND = 3.2 QNC

#2. Total Defi Supply (TDs) mint-able in Smart Contract:

$$TDs = \frac{QNC\ SUPPLY}{InterChain\ Defi\ Ratio}$$

QNC Supply: 24,624,000 QNC

Chain Defi Ratio: 3.2 QNC

$$TDs = \frac{24{,}624{,}000\ QNC}{3.2\ QNC}$$

TDs   =   7,695,000 QND (Final Supply)

USE CASE/PRODUCTS

The Qnode Protocol as an evolving tech development project has factored in the following products as a future development as already, research and developments are ongoing as also mentioned in the Qnode Blockchain whitepaper. Below are the respective product for use on the Qnode Protocol.

EXCHANGE UTILITY:

Beyond mining & vendors payment settlements, the team also prepares to launch a native exchange where QnodeCoin is major denominator currency for listing, exchange fees etc.

ATOMIC – DEX UTILITY:

Qnode Protocol also prepares to launch a cross-chain Decentralize Exchange (in Africa) that is permission less in the combination of Uniswap and Sushiswap. Where the Qnode.Defi – BSC token shall have additional utility. This will allow users to perform atomic swap with determined cryptos (and stable assets) in the nearest future, and users will receive payments in the pegged asset. The propose DEX shall handle atomic swaps between cross-chain crypto assets and fiat in the nearest future.

REFERENCES:

https://www.qngnode.cc/wp-content/uploads/2020/07/QNC-v2.0.0-PAPER.pdf

https://qngnodes.medium.com/qnodecoin-everything-you-need-to-know-about-qnode-blockchain-44702515482a

https://docs.dash.org/en/latest/introduction/about.html#whitepaper

https://docs.dash.org/en/latest/masternodes/index.html