HEX DAO WHITEPAPER v1.0

Real-Economy-Based Tokenized Cooperative DAO
Network: opBNB
Core Tokens: HEX, HUT
Core Infrastructure: HutBank

1. Abstract

HEX DAO is a decentralized, cooperative-style DAO designed to bridge real-world economic activities with blockchain technology.

HEX DAO provides a standardized framework that enables real-economy businesses to participate in the digital asset ecosystem and grow sustainably.

Each participating business follows a verifiable revenue cycle:

Real Business
→ DApp
→ Tokenization
→ Trading & Usage
→ Revenue Generation
→ Automated Distribution

Through this structure, HEX DAO aims to move beyond speculative crypto models and establish a sustainable DAO ecosystem backed by real economic value.

2. Role of HEX DAO

HEX DAO is not merely a platform, but a cooperative infrastructure that connects real-world businesses.

HEX DAO provides:

DApp transformation support for real-economy businesses

Custom utility token design and issuance frameworks

Integration with internal DEX and external DEX/CEX listings

Automated revenue distribution via smart contracts

HEX DAO does not exist to issue tokens for speculation.

Its purpose is to design and connect systems where tokens are actively used to generate and distribute real revenue.

3. Revenue Flow Structure

All family tokens within HEX DAO follow the same transparent revenue flow:

Token Issuance
→ Liquidity Provision
→ Real Usage & Trading
→ Fees & Revenue Generation
→ Bank Accumulation
→ Distribution to Stakers

This structure applies uniformly across the HEX DAO ecosystem.

4. Role of HEX Token and Its Relationship with HUT

HEX is the base currency and accounting unit of the HEX DAO ecosystem.

HEX does not directly perform dividend distribution.

Instead, it serves as the standard unit for:

All Bank accounting

HUT price calculation

HutBank balance

Dividend payments

HUT represents the right to receive distributed revenue.

HUT functions include:

Revenue distribution rights

Staking asset

Dividend eligibility

DAO governance participation

In simple terms:

"HEX is the base currency, and HUT represents the right to share the revenue."

5. HutBank Structure (Core Revenue Engine)

HutBank is the core smart contract vault that aggregates, calculates, and distributes all real revenue within the HEX DAO ecosystem.

HutBank functions as:

Revenue vault

HUT price calculation engine

Staking-based dividend distribution system

All operations are performed automatically based on on-chain state values.

Manual intervention by centralized operators is structurally impossible.

6. HUT Price Determination Mechanism

HUT pricing is determined without external oracles and relies solely on HutBank's on-chain state.

HUT Price Formula:

HUT Price =

0.01 HEX + (HutBank HEX Balance ÷ Effective Staked Amount)

As revenue increases, the price rises.

As staking increases, price volatility is reduced.

7. Dividend Structure

HutBank distributes dividends on a weekly basis.

Definitions:

_allow = HutBank HEX Balance ÷ Effective Staked Amount

Individual Dividend =

(User Staked Amount × _allow) ÷ divisor

Default divisor: 500

The divisor can be adjusted only through DAO voting.

This mechanism prevents excessive payouts and protects the sustainability of the vault.

8. Auto-Staking and Stability Mechanisms

A portion of HUT tokens purchased is automatically staked.

Default auto-staking ratio: 10%

Adjustable through DAO voting

Staking conditions:

Minimum lock-up period: 120 days

Withdrawals prohibited during lock-up

Dividends continue during lock-up

This design discourages short-term speculation and protects long-term participants.

9. External Purchasers and Redemption Rights

HUT tokens purchased from external DEXs may be staked to receive dividends and participate in DAO governance.

However, redemption (HEX refund) rights within the internal exchange are granted only to tokens with an internal purchase history.

This structure allows external liquidity participation while protecting internal reserves and DAO financial stability.

10. DAO Treasury Operations and Ecosystem Activation

Tokens locked in the DAO Treasury are strategic resources for ecosystem growth.

Upon DAO approval through voting:

A limited portion may be used for external liquidity provision

Strategic sales may be conducted under predefined conditions

Purposes include:

Attracting new participants

Improving market accessibility

Sustaining DAO operations

11. Core Philosophy of HEX DAO

HEX DAO begins with one fundamental question:

"Why should a token exist?"

HEX DAO's answer:

To transparently distribute real revenue

To reward participation fairly

To operate collectively without centralized control

Tokens in HEX DAO are not speculative instruments,

but tools for sharing real economic value.

12. Tokenomics

Total Supply

All utility tokens issued within the HEX DAO ecosystem (excluding the HEX stable token, which is conceptually pegged to USDT) have a fixed total supply of

1,000,000,000 tokens.

No additional issuance or inflation exists.

Lock-Up and Distribution

95% of total supply is locked within token-specific Bank contracts

Used for market trading, staking, rewards, and ecosystem participation

5% is allocated to the HEX DAO Treasury

Released only via DAO voting, quorum verification, and majority approval

Distributed through gradual vesting

This structure prevents uncontrolled selling and centralization risks.

Additionally, all HEX tokens used during testing and initial bank stabilization have been permanently burned by transferring them to:

0x000000000000000000000000000000000000dEaD

From this point forward, HEX is issued exclusively through USDT-based mechanisms.

13. DAO-Governed Decision Items (Common to HEX DAO)

The following parameters are governed exclusively through DAO voting:

Treasury fund usage approval

Treasury administrator assignment or replacement

Treasury usage purposes

Liquidity provision

Marketing

Partnerships

CEX listing fees

Price stabilization sales

Trading modes

Full stop

Buy only

Buy + dividend

Buy + dividend + sell

Sell fee adjustment

Dividend divisor adjustment

Auto-staking ratio adjustment

Administrator address changes

Proposal creation permissions

DEX / CEX listing decisions

DAO governance covers the entire lifecycle of tokens, not just their use.

14. Conclusion

HEX DAO presents a new DAO standard based on verifiable structures:

Token Issuance

→ Revenue Generation

→ Automated Distribution

HEX DAO is not a speculative token project.

It is a transparent, real-revenue-sharing system built on on-chain accountability and DAO governance.