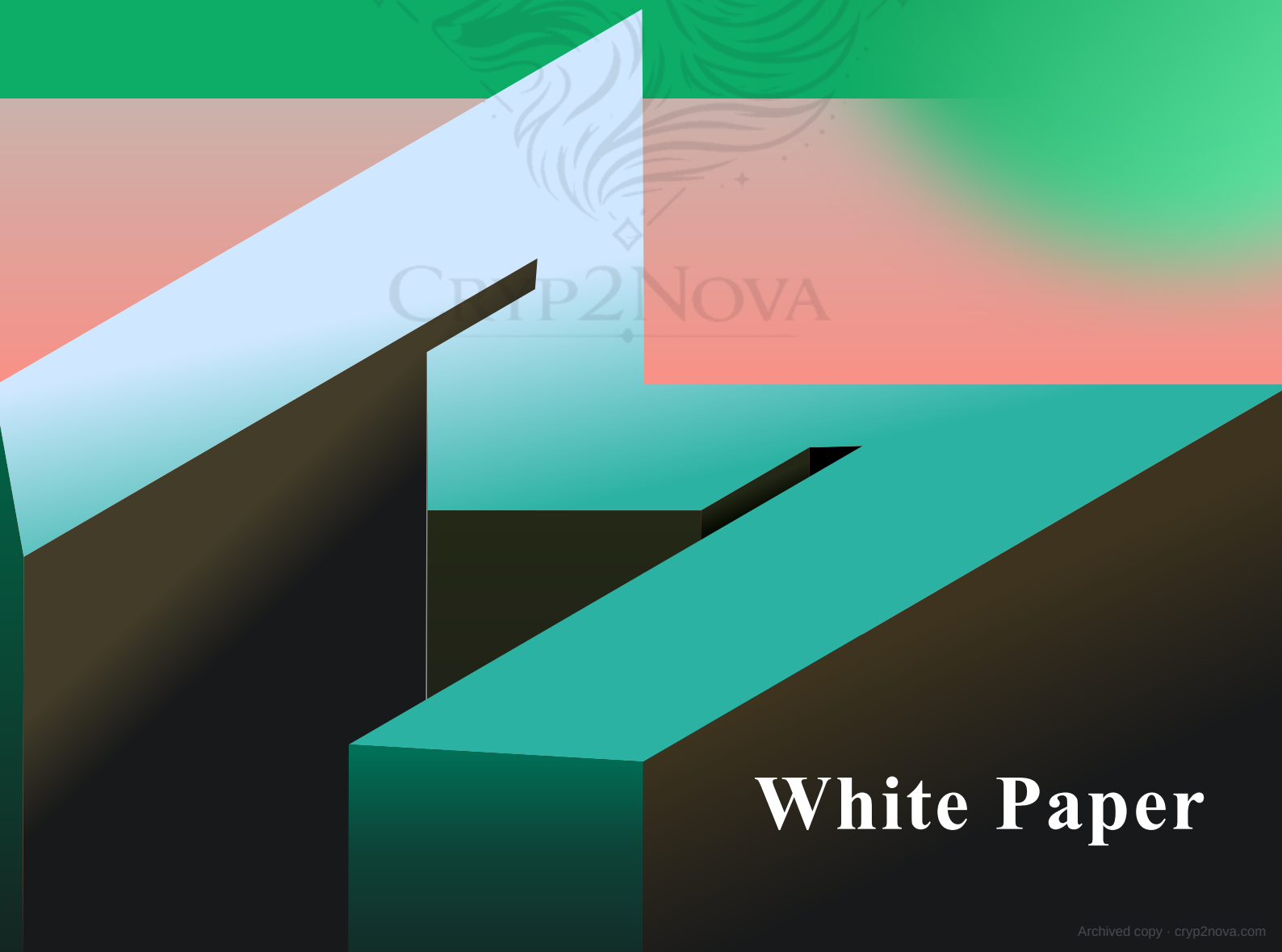
BITNEST

Mellion Coin



White Paper

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Mellion Coin（MEC） White Paper of BitNest

Last Updated: August 30, 2025

This White Paper is intended to present key information regarding Mellion Coin, including its background, technical features, use cases, and issuance method, in order to help community members and potential investors gain a clearer understanding of the coin’s operating mechanism and potential value.

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Abstract

Mellion Coin (MEC) is the core token of the BitNest ecosystem, designed to break traditional financial barriers and establish a truly user-centric on-chain value network. MEC will integrate modules such as trading, storage, lending, incentives, privacy, and governance, serving as the digital engine for building a new financial system.

1. Background

With the rapid development of the cryptocurrency market, users' demand for secure and high-yield savings and investment solutions is steadily increasing. The creation of Mellion Coin aims to meet this demand, serving as a value anchor for users entering the new Web3 financial world. It not only provides individuals with reliable digital savings and asset appreciation options, but also drives the overall prosperity and continuous evolution of the BitNest ecosystem through its strong connectivity.

2. Introduction

Mellion Coin is a decentralized standard token built on Ethereum network (EVM) technology and serves as a key component of the BitNest ecosystem, aiming to advance the development of decentralized finance. This White Paper will provide a detailed overview of Mellion Coin, including its fundamentals, use cases, distribution, governance mechanisms, ecosystem development, security, burn mechanism, and market outlook.

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3. Token Overview

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Token Name: Mellion Coin

Token Symbol: MEC

Blockchain Platform: Binance Smart Chain (BSC)

Token Type: Utility Token

Total Supply: 300,000,000 (non-inflationary)

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1. Project Entity

BitNest is a blockchain-based decentralized finance (DeFi) ecosystem, built with open-source smart contracts and operating on the BNB Smart Chain. The BitNest ecosystem aims to establish a distributed digital world with transparency, accessibility, and inclusivity. It enables decentralized peer-to-peer economic circulation, securely meeting the global demand from individuals and institutions for fund mobility and cyclical returns in savings—without compromising safety.

1.1 BitNest Loop

BitNest Loop is a decentralized fund circulation and yield distribution protocol built on the Ethereum network (EVM). Anyone can participate with zero barriers by providing short-term crypto asset liquidity to smart contracts in exchange for stable, automated returns. When users deposit assets into the BitNest smart contracts, the system automatically allocates these funds to efficient, short-cycle on-chain circulation scenarios, maximizing capital utilization. All operations are executed automatically by smart contracts, and returns are proportionally and instantly credited to users' accounts, creating a "secure, transparent, and hands-free" asset appreciation mechanism.

For fund users, the Loop protocol leverages decentralized scheduling logic to bypass the complex identity and credit verification processes required by traditional finance, making fund circulation faster and more efficient. The entire process requires no intermediaries, is fully on-chain and algorithm-driven, enabling intelligent global fund matching and unrestricted capital flow.

The core appeal of BitNest Loop lies in its advantages over traditional financial institutions: 100% security, 100% transparency, and high efficiency.

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Built on blockchain technology and smart contracts, BitNest Loop can automatically complete transactions without any centralized institution involvement. It does not require credit score checks, identity verification, or lengthy approval processes that can take days or even weeks.

In terms of operational model, the BitNest Loop smart contracts far surpass traditional banking systems. They aggregate the funds of liquidity providers into a pooled structure and efficiently allocate them to fund users, automatically balancing supply and demand and setting reasonable interest rates through algorithmic mechanisms.

Leveraging the decentralized and fully transparent nature of blockchain, BitNest Loop enables efficient cross-border fund circulation and rational allocation. It addresses the low returns and surplus idle funds in developed countries, while alleviating the scarcity of lending resources in underdeveloped regions. At the same time, it provides liquidity providers with substantial and stable returns, creating a multi-party win-win scenario.

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1.2 BitNest Savings

BitNest Savings is a decentralized cross-chain savings protocol built on the Binance Smart Chain (BSC), designed to provide global users with secure, efficient, and customizable digital asset savings solutions. Often referred to as an “on-chain crypto savings smart contract,” the protocol leverages blockchain technology to restructure traditional financial service logic, enabling true asset self-custody and transparent yield distribution.

- **Core Functions and Process**

  Users can deposit their crypto assets into the BitNest Savings smart contract to initiate a savings plan. Each deposit requires payment in the BitNest native token MEC as well as a 1% queue fee based on the principal, which is used to trigger the savings sorting mechanism within the smart contract.

  When the protocol detects a demand for cross-chain fund utilization in the market, the contract allocates the corresponding assets from the savings pool and requires the requester to provide 26% as collateral, detailed as follows:

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This mechanism ensures the security of users' funds and the stability of their returns, while enhancing the overall liquidity efficiency of the protocol. Users deposit their crypto assets into smart contracts to earn savings yields. These smart contracts, powered by blockchain technology, execute automatically, guaranteeing the safety and reliability of funds. Users can customize their savings plans by selecting the assets to deposit and the duration of the savings period, achieving personalized financial management.

Unlike traditional banks, BitNest Savings leverages blockchain technology to enable decentralized storage and management of funds, eliminating intermediary processes, reducing savings costs, and improving efficiency. In addition, the protocol provides transparent data records and public savings yield calculations, allowing users to monitor their returns at any time and ensuring full transaction transparency and traceability.

1.3 BitNest Box

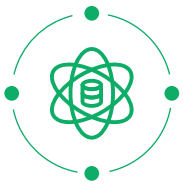
Saving Box is a smart savings protocol developed by BitNest based on blockchain technology, with underlying integration of the PancakeSwap liquidity mechanism. It aims to provide users with a stable, secure, and transparent channel for asset appreciation. Similar to traditional bank savings products, it operates without intermediaries, and all yield calculations and distributions are fully automated by smart contracts.

To earn returns, users can deposit crypto assets into the Saving Box smart contract and select flexible savings periods according to their preferences. The contract automatically participates in PancakeSwap's liquidity management and swap services, generating fixed daily yields.

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The Saving Box offers a daily interest rate of 0.4% (per mille) with automatic settlement every 24 hours. Users can choose different savings periods based on their needs and can withdraw their principal and earnings at any time without restrictions. It is important to note that when users withdraw their principal, the settlement cycle will automatically reset.

- **Core Mechanism Analysis**



Liquidity Participation and Yield Sources

Assets deposited into the Saving Box are used to support PancakeSwap's swap services. The system allocates user assets into PancakeSwap's liquidity pools to facilitate cryptocurrency trades. When swap transactions occur, the platform collects fees and slippage charges, a portion of which is proportionally returned to users who have deposited assets, serving as the source of their savings yields.



Partnership Structure and Fund Tracking

PancakeSwap is a leading decentralized exchange (DEX) on the Binance Smart Chain (BSC), allowing users to perform trustless crypto asset swaps and provide liquidity. Through technical integration, BitNest allocates user-deposited funds to PancakeSwap to support high-frequency trading pairs, generating protocol-level yields. These earnings are fully traceable on-chain, and users can monitor the usage path of their assets and their returns via the platform, ensuring that every source of profit is authentic and reliable.



Automated Distribution via Smart Contracts

All yield calculations and distributions are executed by BitNest's smart contract system. The system automatically computes earnings based on the amount deposited and the duration of the deposit, and distributes them to users' on-chain accounts. No manual intervention is required, and the entire process is fully transparent and verifiable in real time, greatly enhancing distribution efficiency and fairness.

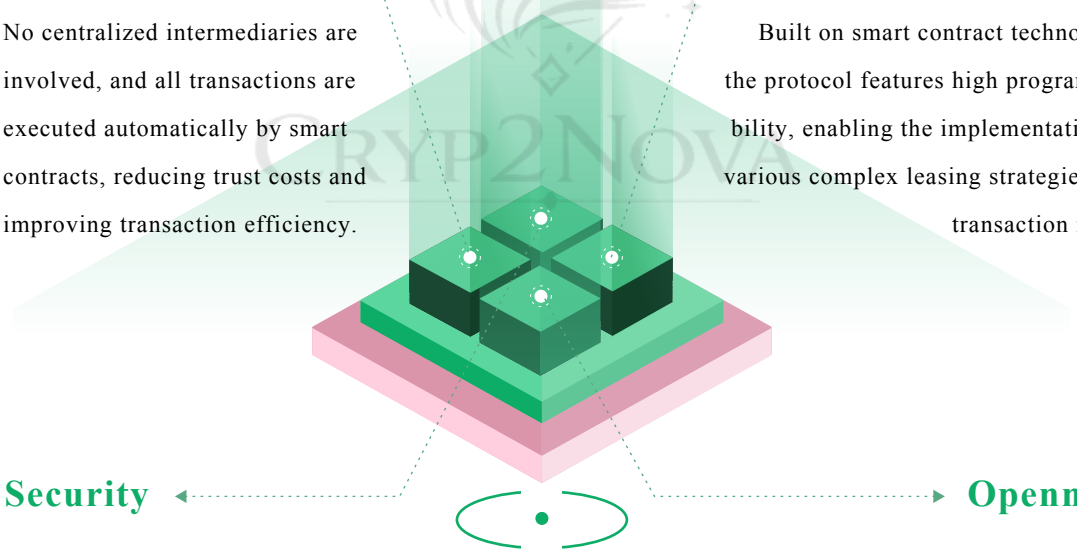
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1.4 BitNest Lease

BitNest Lease is a blockchain-based decentralized leasing protocol designed to provide users with secure and efficient leasing services. Leveraging smart contract technology, the protocol enables assets to be leased and borrowed without the need for third-party trust, facilitating truly decentralized leasing transactions.

Within the BitNest Lease protocol, asset users can pledge specific crypto assets as collateral to lease other digital assets, while asset providers can earn dividend yields by supplying digital assets to users. All transactions are executed through smart contracts, ensuring transparency, security, and reliability.

Key features of the BitNest Lease protocol include, but are not limited to, the following:



Decentralization

No centralized intermediaries are involved, and all transactions are executed automatically by smart contracts, reducing trust costs and improving transaction efficiency.

Programmability

Built on smart contract technology, the protocol features high programmability, enabling the implementation of various complex leasing strategies and transaction rules.

Security

Since all transactions are recorded on the blockchain and smart contracts are immutable, the protocol offers a high level of security, effectively preventing potential fraud and risks.

Openness

The BitNest Lease protocol is open, allowing anyone to participate as an asset user or provider, thereby promoting the circulation and utilization of funds.

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1.5 MEC Protocol

MEC Protocol is a blockchain-based smart value growth system launched by the BitNest ecosystem. It aims to manage crypto asset liquidity, distribute yields, implement trust-based staking, and provide long-term incentives through a combination of decentralized finance (DeFi) models and ecosystem incentive mechanisms.

- **MEC Protocol: The Value Engine for Liquidity Collaboration**

  MEC Protocol is the core value protocol system built by the BitNest ecosystem. It is not only a set of smart contracts but also a new model for collaborative crypto value creation.

  By having users collectively contribute MEC and USDT to form deep liquidity pools ("deep pools"), MEC Protocol achieves a transition from "asset holding" to "asset collaboration." This creates a decentralized finance (DeFi) closed loop with stable transaction support, real yield feedback, and long-term ecosystem incentives.

- **Core Concept: Turning Liquidity into Consensus**

  In traditional markets, liquidity is controlled by a select few. In MEC Protocol, however, liquidity becomes a collective asset of the community.

  By contributing MEC and USDT to the protocol's deep liquidity pools, users gain:

  - Daily real yields
  - Platform ecosystem dividends
  - Long-term staking and governance rights
  - Dominance against price manipulation and slippage impacts
  - Deposit MEC into protocol-designated liquidity pools (LP pools)
  - Smart contracts bind the two assets to mint liquidity certificates (LP Tokens)

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- **Protocol Objectives**

Build “Deep Pools”:

Establish deep liquidity pools to prevent MEC from being easily pumped or dumped.

Enhance Circulation Stability:

Real trading depth ensures healthy MEC price operations.

Boost Market Confidence:

The deeper the pool, the more it attracts users and institutional participation.

Empower Token Holders’ Yields:

Participants continuously earn trading fees and incentive MEC dividends by providing liquidity.

Dual-Token Injection Mechanism:

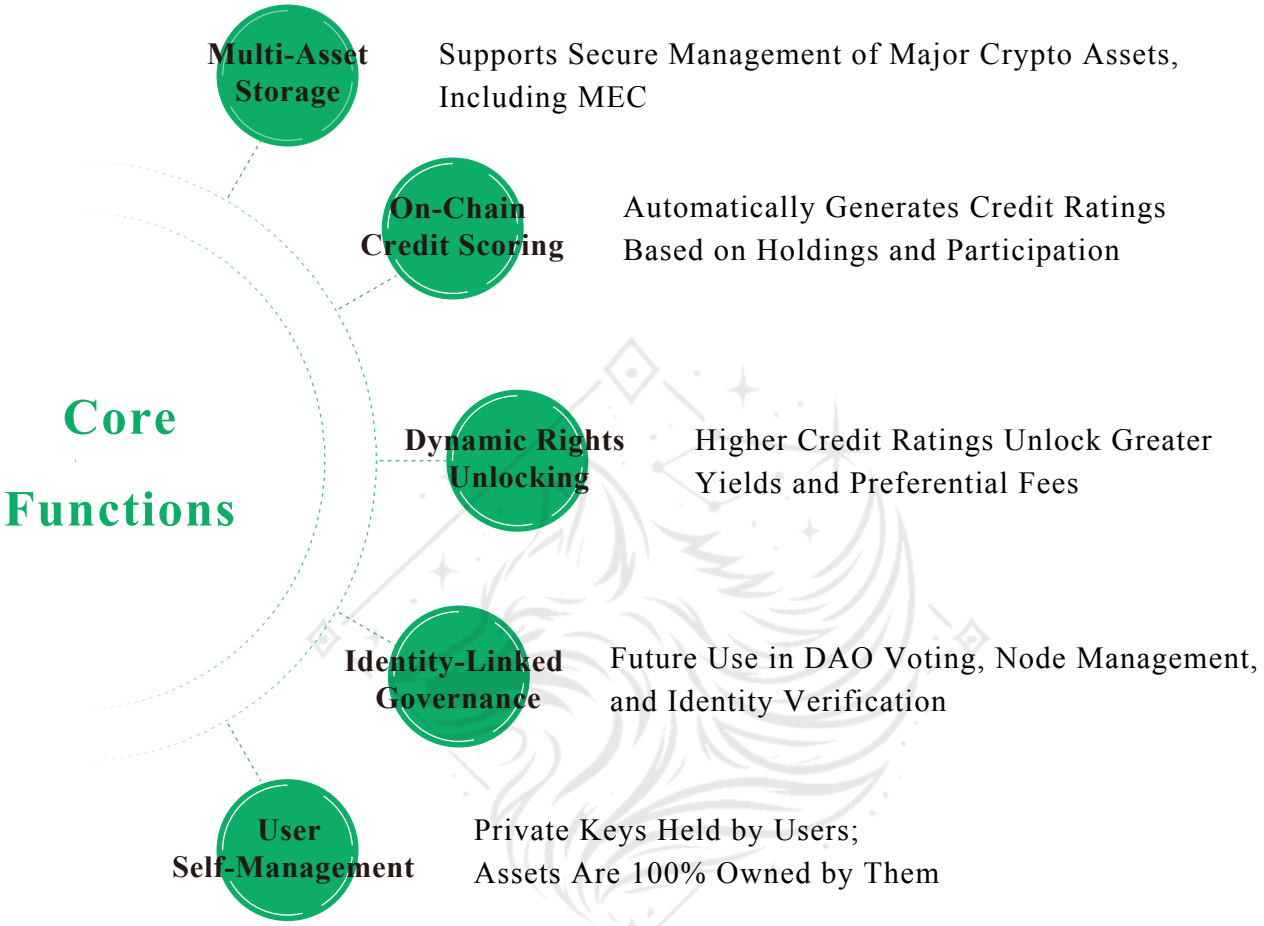
Ensures MEC circulation is backed by tangible “treasury support.”

1.6 MEC Credit Wallet

MEC Credit Wallet is the next-generation Web3 digital identity and asset credit management tool within the BitNest ecosystem. It serves not only as a secure storage vehicle for crypto assets but also as a smart wallet system featuring on-chain credit scoring, which can be used to unlock additional financial functionalities.

Through the MEC Credit Wallet, users can build their on-chain financial credit profiles and participate in multiple ecosystem modules, including savings, circulation, liquidity support, and incentive programs. In the future, it will play a key role in Web3 financial services such as cross-chain asset collateralization, MEC credit limits, and identity verification.

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The MEC Credit Wallet is an essential tool for users entering the BitNest ecosystem. It combines asset sovereignty with financial credit, granting users true on-chain identity and participation rights.

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1.7 BNC Public Chain (BitNest Chain)

BNC Public Chain (BitNest Chain) is a high-performance Layer 1 blockchain network independently developed by the BitNest ecosystem, specifically designed for Web3 finance, on-chain savings, asset circulation, and intelligent credit systems. Serving as the technological foundation of the BitNest ecosystem, the BNC public chain not only supports the issuance and operation of core tokens, including MEC, but also fully facilitates the ecosystem's business expansion and asset operations.

The BNC public chain offers technical advantages such as high scalability, low transaction costs, and strong cross-chain compatibility, supporting large-scale user access and high-frequency on-chain transactions. Through a modular architecture, BNC provides a developer-, node-, and user-friendly environment, promoting efficient collaboration within the on-chain value network.

MEC = Gas Fuel of BNC Public Chain

On the BNC public chain, all on-chain transactions and smart contract executions (e.g., asset transfers, smart savings activation, cross-chain calls) require gas fees, which are uniformly settled using MEC tokens.

This means:

- MEC is the native gas asset of BNC, functioning similarly to ETH on the Ethereum network.
- All account operations on the BNC network (including wallet transfers) require MEC consumption.
- Holding MEC is a fundamental prerequisite for utilizing BNC network functionalities.
- The actual MEC consumption mechanism establishes continuous token usage scenarios and a deflationary logic.

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- **Core Positioning**

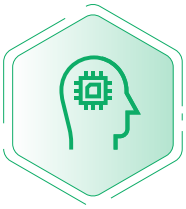
  Providing a dedicated public chain foundation for global digital savings and decentralized finance (DeFi)

  - Target Users: Asset providers, on-chain savers, circulation participants, developers, DAO governors
  - Core Mission: Build a Web 3 financial public chain with an on-chain credit system, adaptive asset allocation, and real yield distribution capabilities
  - Long-Term Goal: Become the “underlying blockchain protocol for global digital wealth banking”

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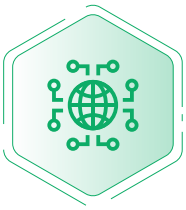
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- **Technical Features**



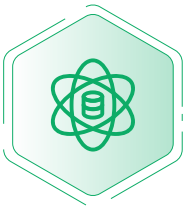
High-Performance Consensus Mechanism

Adopts an improved PoSA (Proof of Stake + Authority) hybrid consensus, balancing decentralization with high throughput performance.



Cross-Chain Compatibility

Natively supports interoperability with major blockchain assets, including BSC, Ethereum, Arbitrum, and Polygon.



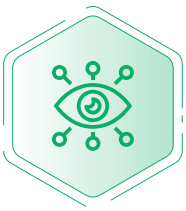
Native Asset Support

Ecosystem tokens such as MEC are natively deployed on BNC, reducing gas costs and improving interaction efficiency.



Intelligent Credit Engine

Built-in on-chain credit grading system that constructs users' Web3 credit profiles and influences their access rights and yield opportunities.



Enhanced Account Privacy

Supports zk identity verification, anonymous transaction protection, and other features, balancing user privacy with regulatory compliance.



Configurable Economic Model

Supports flexible gas fee designs and dynamic incentive distribution mechanisms, encouraging long-term participation from developers and nodes.

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1.8 MEC Lending Protocol

MEC Lending Protocol is a decentralized digital asset financing protocol built within the BitNest ecosystem, designed to facilitate on-chain capital circulation and enable asset unlocking and secondary value generation. The protocol matches fund providers with borrowers through smart contracts, offering trustless, intermediary-free, and fully transparent on-chain lending services.

The protocol uses MEC as the core collateral and interest calculation basis, while also supporting major stablecoins and assets such as USDT, BNB, and ETH for collateral and lending. This creates an on-chain lending network with real credit scoring, intelligent liquidation logic, and sustainable incentive mechanisms.

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- **Core Functions**



Collateralized Lending

Users can collateralize MEC or other supported assets to borrow stablecoins or other assets according to the collateralization ratio.



Fund Matching Pool

All lending and borrowing activities are matched through smart contracts, eliminating the need for users to wait for manual matching.



Dynamic Interest Rate Mechanism

Interest rates fluctuate based on pool utilization and are automatically adjusted by on-chain algorithms to maintain supply-demand balance.



On-Chain Credit Weighting

User tiers in the MEC Credit Wallet influence the maximum borrowable amount and preferential interest rates.



Automatic Liquidation Mechanism

When the collateralization ratio falls below the liquidation threshold, the smart contract automatically initiates partial or full asset liquidation.



Yield Distribution Mechanism

Fund providers receive lending interest rewards, with a portion of the interest used for MEC buyback and burn.

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1.9 BitNest Cross-Chain Bridge

BitNest Cross-Chain Bridge is a decentralized asset cross-chain protocol independently developed by the BitNest ecosystem. It aims to break the silo effect between major blockchains, enabling free circulation and value interoperability of digital assets across multiple chains. The bridge prioritizes security, scalability, and high compatibility, establishing asset transfer channels that connect the BNC public chain with major blockchains such as Ethereum, BSC, Polygon, Arbitrum, and Avalanche.

- **Core Positioning**

  The BitNest Cross-Chain Bridge serves as the foundational infrastructure for multi-chain issuance and circulation of MEC and BitNest ecosystem assets.

  It enables users to seamlessly transfer assets across different chains, prevents asset fragmentation, and supports the expansion of BitNest application scenarios throughout a multi-chain ecosystem.

- **Core Functions**

Bidirectional Cross-Chain Transfer

Supports the two-way circulation of major assets such as MEC, USDT, and BNB between BNC and other blockchains.

Multi-Signature & Verification Mechanism

Utilizes decentralized validator nodes and multi-signature contracts to ensure asset security.

Multi-Chain Compatible Design

Compatible with EVM-based major public chains, with future support planned for non-EVM chains (e.g., Solana).

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Modular Integration

Can be directly integrated into BitNest products such as the wallet, Saving Box, Lease Protocol, Lending Protocol, and Loop.

Asset Mapping & Issuance

Automatically generates cross-chain mapped assets (e.g., mMEC, bUSDT) and burns the original on-chain assets.

- **Technical Advantages**



Decentralized Verification Structure

Employs a network of validators to confirm cross-chain requests, avoiding single-point custody and enhancing resistance to attacks.



Low Fees & High Efficiency

Compared to traditional bridges, the cross-chain process is faster and incurs lower gas costs, making it suitable for high-frequency operations.



MEC-Driven Mechanism

All cross-chain operations consume a small amount of MEC as a bridging fee, enhancing the token's real-world utility.



Traceable Cross-Chain Status

Provides a visual on-chain tracking system, allowing users to verify cross-chain status and asset confirmations at any time.

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- **Typical Use Cases**

  ✅ Users transfer MEC from BNC to BSC to participate in PancakeSwap liquidity pools.

  ✅ Developers deploy DApps in the Ethereum ecosystem and use the cross-chain bridge to bring in assets from BNC for interaction.

  ✅ Cross-chain stablecoin management: users move assets from Polygon to BNC Savings Protocol to earn higher annualized returns.

  ✅ Institutional accounts migrate assets in bulk to chains with lower gas fees for reserves and management.

1.10 BitNest Exchange

BitNest Exchange is a decentralized financial trading platform within the BitNest ecosystem, integrating spot trading, contract trading, instant swaps, LP liquidity incentives, and ecosystem token trading. It aims to become a next-generation DeFi profit gateway for global users.

The platform not only supports native trading of MEC ecosystem assets but also enables users to preserve, grow, and hedge their assets through flexible dual-asset trading, smart matching, contract leverage, and asset circulation mechanisms, creating a truly participatory, profitable, and controllable on-chain financial environment.

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- **Core Positioning**

BitNest Exchange serves as the value discovery engine for MEC ecosystem assets and an efficient gateway for user fund exchange.

- **Core Functional Architecture**

Contract Trading

As a core profit-generating module, the BitNest Contract Trading platform uses an on-chain order book structure and oracle pricing mechanism. Users can leverage assets such as USDT and MEC as margin for trading.

One-Click Swap

Supports instant swap services for ecosystem assets such as USDT, MEC, bUSD, and LP Tokens. No order placement is required, with on-chain matching for fast settlement. Each transaction requires a MEC fee equivalent to 1 USDT.

Markets

Supports multiple core trading pairs such as MEC/USDT, bUSD/MEC, and Loop/MEC, featuring basic charting and candlestick analysis tools.

Liquidity Pools

Users can deposit dual-asset pairs (e.g., MEC/USDT) to generate LP Tokens and participate in trading fee rewards and incentive mining.

Orderless Protocol

Utilizes an AMM model and smart matching logic, eliminating the need for manual order placement and enhancing trading experience and liquidity efficiency.

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Multi-Platform Access Support

Supports web access and WalletConnect integration, compatible with major mobile wallets such as BitNest Wallet and MetaMask.

- **Highlights**

  Native Support for MEC Asset Ecosystem:

  All ecosystem assets are traded and exchanged natively on the platform, creating a closed-loop MEC application environment.

  Low Slippage & High-Efficiency Matching:

  Utilizes AMM combined with strategic liquidity pool matching logic to ensure stability for large-volume trades.

  On-Chain Transparency & Verifiability:

  All operations are executed on-chain, providing verifiable, traceable, and secure transactions.

  Deep Ecosystem Integration:

  Seamlessly connects with BitNest Saving Box, Loop, Minting Protocol, and MEC Credit Wallet, allowing trading activity to influence credit ratings and reward coefficients.

- **Typical Use Cases**

  - Users perform a one-click swap of USDT to purchase MEC and participate in the Saving Box.
  - Institutions use LP Tokens to join trading pools, earning trading fees and platform rewards.
  - Community users engage in liquidity arbitrage or ecosystem portfolio investment using MEC-pegged assets.
  - Node participants stake assets and leverage trading records to obtain credit scores and voting weights.

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2. BitNest Ecosystem Highlights

The entire BitNest platform is built on smart contract technology, with all fund transactions and operations executed on-chain. This ensures the security and transparency of assets while eliminating the possibility of human tampering or risk.

Fully On-Chain Smart Automation · Trustless, Code as Contract

All services within the BitNest ecosystem—including trading, savings, swaps, leasing, minting, and cross-chain operations—are entirely driven by smart contracts. The platform does not custody any assets or intermediate user funds. The entire process operates under "code-controlled + on-chain execution", realizing a truly trustless financial automation system.

End-to-End On-Chain Transparency · Verifiable, Traceable, and Auditable

BitNest smart contracts have no owners or administrators. Once deployed, they operate independently. No one can alter them—not even founders or developers, who participate as ordinary users. Smart contracts are inherently immutable.

Fully Decentralized Governance · No Central Authority, Equality for All

No CEO or owner can modify the rules or terms of the BitNest ecosystem. Founders are ordinary participants who follow the same rules and mechanisms as the rest of the community.

BitNest Interoperability

All protocols are open-source, enabling users to compose DeFi applications and build new financial products.

Permissionless Access · True Web3 Spirit

Any user with a wallet address can access all BitNest services without barriers. No KYC, no IP restrictions, no account registration, and no identity tracking. DeFi belongs to the global community—this is the fundamental principle BitNest upholds.

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Open Ecosystem

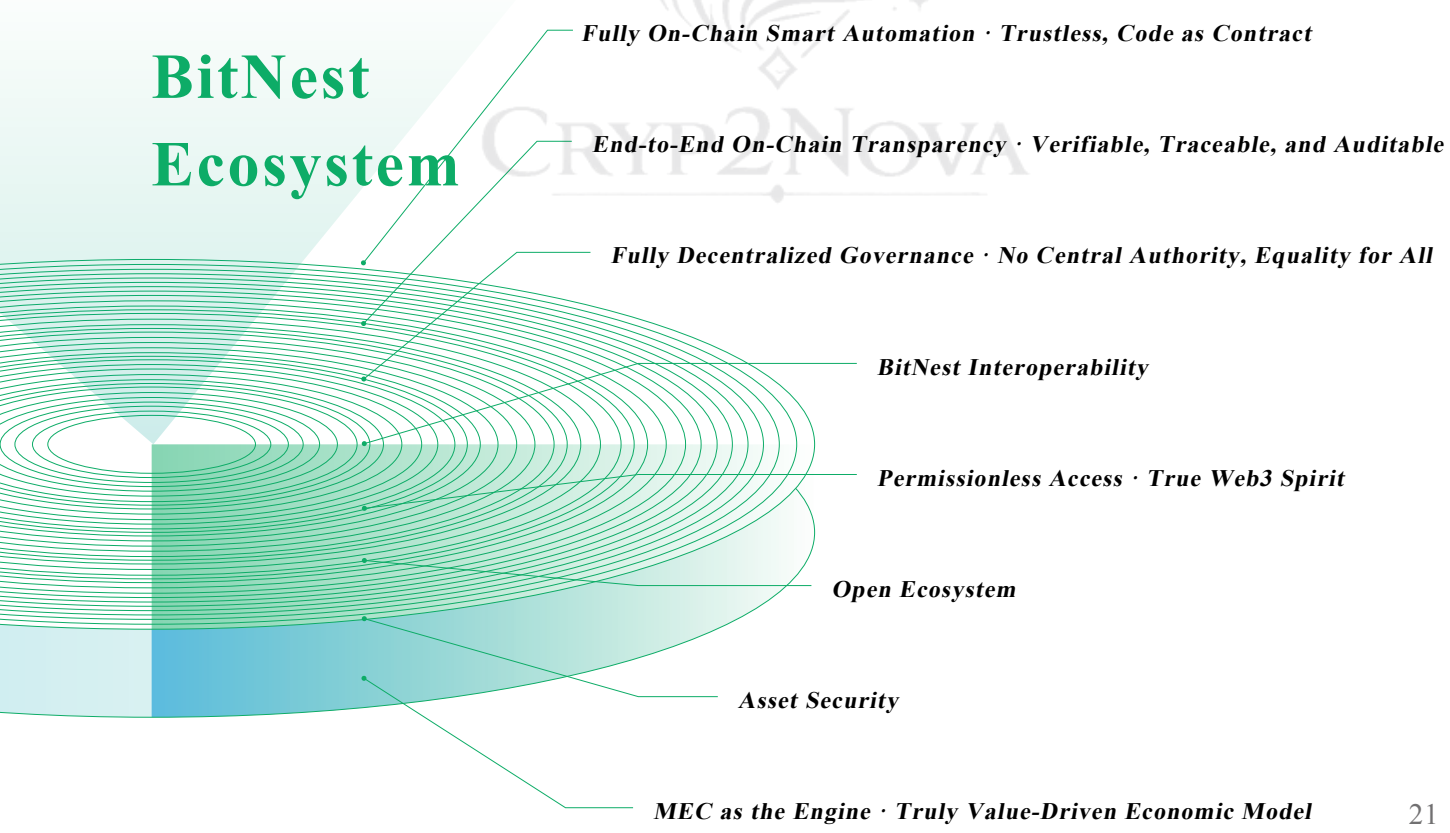
The BitNest project is dedicated to building an open ecosystem, collaborating with other blockchain projects and financial institutions to achieve resource sharing and mutual benefits, providing users with a wider range of investment options and services.

Asset Security

BitNest ensures asset safety. When a smart contract receives funds from users, its code is executed by all nodes in the network to reach consensus on outcomes and generated value. This enables smart contracts to operate securely without any central authority, guaranteeing absolute security.

MEC as the Engine · Truly Value-Driven Economic Model

MEC is the core value carrier of BitNest. It is not only used for paying transaction fees, participating in staking, and obtaining governance rights, but also serves as the access token for all ecosystem functionalities—including minting, trading, contracts, savings, and airdrops. Holding MEC is more than owning a token; it is your ticket to participate in the future of the ecosystem.



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3. Mellion Coin Overview

3.1 Mellion Coin Overview

Mellion Coin is a decentralized standard token based on the Ethereum (EVM) network. As a key component of the BitNest platform, it aims to drive the development of decentralized finance and support the growth and operation of the ecosystem.



Mellion Coin is built on blockchain technology as its underlying architecture to ensure security, transparency, and decentralization. The following are the key aspects of the blockchain technology employed by Mellion Coin:

1. **Distributed Ledger**

   Mellion Coin's transaction data is stored on a distributed blockchain ledger, meaning all transaction records are public, immutable, and distributed across the network's nodes. This ensures transparency and security of transaction data.

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2. Smart Contracts

Mellion Coin utilizes smart contract technology to manage token issuance, transfers, and functionality. Smart contracts are self-executing program codes that run on the blockchain and carry out specific operations based on pre-defined rules and conditions, ensuring automated and secure token transactions.

3. Decentralization

The Mellion Coin blockchain network is decentralized, with no single centralized authority or administrator controlling the entire network. Instead, it is maintained and managed collectively by multiple nodes. This decentralized structure ensures the coin's true decentralization, protecting it from single points of failure and centralized risks.

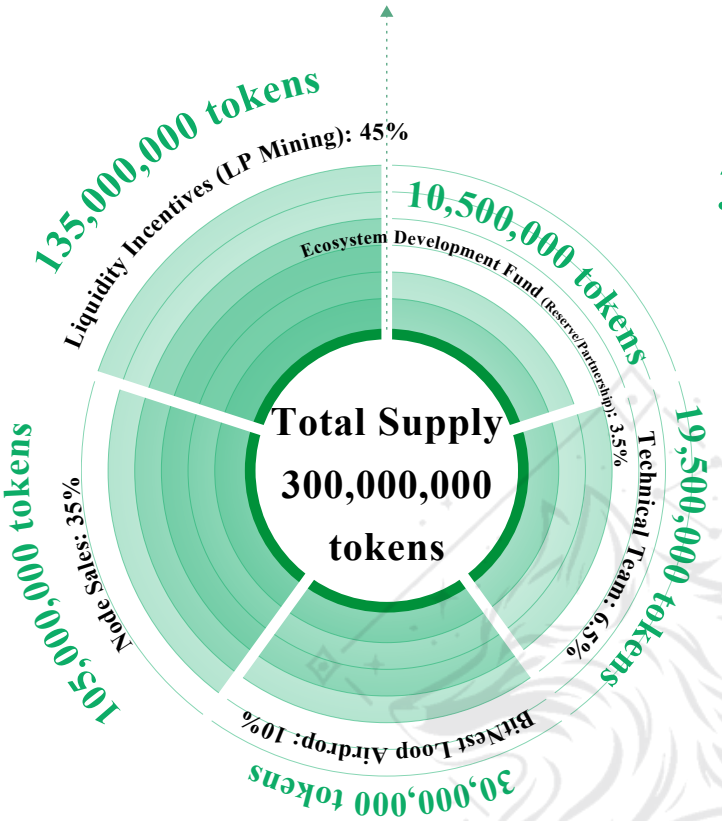
4. Cryptographic Algorithms

Mellion Coin employs advanced cryptographic algorithms to ensure the security and privacy of token transactions. All transaction data is encrypted, and only users with the corresponding private keys can decrypt and access the information, guaranteeing the confidentiality and security of transaction data.

Through the application of the above blockchain technologies, Mellion Coin establishes a secure, transparent, and efficient digital asset.

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3.2 Mellion Coin Distribution Mechanism



Total Supply

300,000,000 tokens

Liquidity Incentives (LP Mining) **45%**

135,000,000 tokens

Node Sales: **35%**

105,000,000 tokens

BitNest Loop Airdrop: **10%**

30,000,000 tokens

Technical Team: **6.5%**

19,500,000 tokens

Ecosystem Development Fund (Reserve/Partnership): **3.5%**

10,500,000 tokens

- **MEC Token Release Mechanism**

1. Incentives for BitNest Loop Liquidity Participants (10% Allocation)

To ensure that the initial distribution of MEC is fair, transparent, and carries genuine participation value, BitNest adopts a decentralized approach by releasing the first phase of MEC through actual liquidity contributors within the Loop Protocol.

Release Mechanism:

Total Allocation: 10% of the total supply, equivalent to 30,000,000 MEC

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Distribution Method:

Through the BitNest Loop Reward Protocol, MEC will be distributed to community members who provide genuine liquidity. The mechanism is based on key time nodes, combining fair airdrops with liquidity participation weighting. Upon maturity, any unallocated tokens will be transferred to a black hole address, permanently destroyed and irretrievable.

2. BitNest DAO Node Sale Mechanism (35% Allocation)

To establish the foundational governance and core community of the BitNest ecosystem, 35% of the total Mellion Coin (MEC) supply—equivalent to 105,000,000 MEC—will be released through the BitNest DAO Node Sale Mechanism. This allocation is exclusively designated for early node holders and key community builders, supporting the generation of ecosystem benefits for the initial community members.

Node MEC Release Mechanism:

To prevent significant short-term MEC releases from causing severe market price fluctuations, and to ensure that the tokens received by nodes correspond to their actual participation and ecological contributions, BitNest will implement a phased release mechanism with dynamic weighting based on node level, participation behavior, and time cycles.

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3. Ecosystem Development Fund Overview (Reserve/Partnership)

To ensure the sustainable development of the BitNest ecosystem, support market infrastructure, and expand external collaborations, the platform has established an Ecosystem Development Fund. This fund will support early-stage project operations, liquidity provisioning, brand promotion, and strategic alliances. A total of 3.5% of the MEC total supply (10,500,000 MEC) will be allocated to the fund and incorporated into ecosystem management.

Scope of the Ecosystem Development Fund

- Initial Liquidity Bootstrapping
- Used to create the initial MEC liquidity pool (MEC/USDT) in conjunction with the platform's LP incentive program.
- Establishes a deep liquidity pool to support early trading depth, enhance MEC's price stability, and strengthen market credibility.
- Coordinated with CEX listings to ensure strong liquidity support from launch.
- Strategic Partnership Incentives, Brand & Market Promotion
- Allocated to attract early partner projects, KOLs, and Web3 communities to jointly build the ecosystem.

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4. Liquidity Incentive Mechanism Overview (LP Mining · 45% Allocation)

To ensure MEC has a sufficiently deep trading market and sustained internal ecosystem liquidity, BitNest will allocate 45% of the total MEC supply (135,000,000 MEC) to incentivize long-term liquidity providers. These tokens will be released through the MEC protocol's liquidity provision mechanism, serving as ongoing rewards for users contributing dual-asset liquidity (MEC + USDT) to the liquidity pool ("deep pool").

Mechanism Objectives

- Build deep liquidity pools for core trading pairs such as MEC/USDT, enhancing volatility resistance and price stability.
- Encourage users to lock MEC within the ecosystem long-term, supporting asset utility and value accumulation.
- Promote joint liquidity contributions that can be further used for staking, saving, governance, and other modules, activating MEC's cyclical usage.
- Closely integrate with the platform's tokenomics to establish a deflationary loop of "trade → stake → release → restake."
- Expand multi-chain liquidity, with future incentives supporting deployments on BSC, Ethereum, Polygon, and other blockchains.

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5. Technical Team Incentive Mechanism Overview (6.5% · 19,500,000 MEC)

To incentivize the BitNest core technical team for continuous contributions in product development, protocol upgrades, security maintenance, and ecosystem expansion, while ensuring the project's medium- to long-term stability, BitNest allocates 6.5% of the total supply (19,500,000 MEC) for technical team incentives.

These tokens are strictly tied to contribution periods and will follow a long-term lockup + staged release mechanism, ensuring that token distribution is aligned with ongoing team output and preventing short-term speculative behavior.

Release Mechanism

Tokens will be released linearly in stages, starting from January 1, 2028, at a monthly pace of 4%–5% until full distribution is completed over an estimated 18–24 months. All team incentive addresses will be publicly disclosed on the official website and whitepaper, subject to community and DAO oversight.

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- **Token Circulation Inquiry:**

Token Issuer Address:

0x1A06388b809b4bf5662e14020176E21AA04d6c65

Token Contract Address:

0x9a79D9C9e521cb900D2584c74bb41997EB7BF49f

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3.3 Overview of Coin Value Growth

- **MEC (Mellion Coin) Fixed Value Growth Overview – Part 1**

MEC (Mellion Coin) serves as the core functional token of the BitNest ecosystem. Its value extends beyond serving as a medium of exchange; it underpins ecosystem governance, incentive distribution, credit binding, and protocol operations. MEC is designed to be a DeFi-grade blockchain token with real utility, long-term scarcity, and sustainable growth potential.

The value growth of MEC is not driven by speculative demand. Instead, it is propelled by genuine participation, deflationary mechanisms, ecosystem circulation, and cross-chain financial functionalities, enabling natural appreciation of the token.

In the future, all users participating in BitNest Savings will need to use Mellion Coin to pay for queue tickets. This creates a mandatory demand for Mellion Coin within the BitNest ecosystem. As the ecosystem grows, Mellion Coin will become the central currency within the platform.

Beyond its use in BitNest Savings, Mellion Coin will also serve as the medium for stablecoin borrowing via BitNest Lease. Users will not only be able to pledge ETH or BTC for rental agreements but can also convert other cryptocurrencies into Mellion Coin to participate in leasing, enabling access to stable yields.

The BitNest ecosystem will exclusively accept Mellion Coin as transaction fees. Decentralized project trading platforms will prioritize Mellion Coin, as it offers the lowest transfer fees for on-chain transactions.

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- **MEC (Mellion Coin) Fixed Value Growth Overview – Part 2**

The BitNest ecosystem allocates a portion of quarterly service profits to repurchase circulating Mellion Coins for burning (sent to a black hole address and permanently removed from circulation). The burning process takes place on the blockchain, making it public and irreversible, until the total supply is reduced to 2 billion tokens. This means the total supply of Mellion Coin is continuously decreasing, while its value keeps increasing!

l. Core Sources of Value Support

- **Deep Liquidity Pool Support:**

  MEC and USDT form deep liquidity pools, ensuring price stability, strong volatility resistance, and enhanced market trust.

- **Protocol-Driven Demand:**

  MEC serves as the fuel token for all BitNest protocol modules—including trading, staking, leasing, cross-chain operations, savings, and instant swaps—creating genuine on-chain demand.

- **Multiple Incentive Loops:**

  Users engaging in liquidity mining, savings, node staking, and other activities require MEC, increasing both token circulation consumption and lock-up depth.

- **Governance and Credit Binding:**

  MEC is the sole token for DAO governance and is linked with the MEC Credit Wallet to determine user identity levels and airdrop weights, establishing a "holding = rights" model.

- **Burn and Deflation Mechanism:**

  A portion of MEC from each transaction, swap, and lending fee is automatically sent to a black hole address for permanent destruction. The more tokens are burned, the fewer remain in circulation, creating a self-reinforcing scarcity loop.

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II. Dual-Driven Growth Model: Deflation + Incentives

MEC adopts a bi-directional value model of calculable growth and predictable scarcity:

- **Fixed Total Supply:**

  The total issuance is capped at 300 million MEC.

- **Strong Lock-up Mechanisms:**

  The majority of MEC allocated to nodes, the team, and liquidity provision is subject to fixed lock-up with linear release schedules, preventing short-term sell pressure.

- **Consumption Through Participation:**

  All platform functions—including transaction fees, quota upgrades, governance, and authorization—require MEC, driving real token consumption.

- **Value Cycle Loop:**

  Rewards → Usage → Lock-up → Reuse, creating a self-reinforcing DeFi ecosystem cycle for MEC.

III. Cross-Chain and DeFi Ecosystem Expansion Potential

MEC does not operate in isolation; it serves as a key bridge for BitNest's multi-chain interconnected financial network:

✅ Supports the creation of deep liquidity pools across multiple chains in the future (BSC, Arbitrum, Polygon, etc.).

✅ Functions as collateral in cross-chain lending protocols, backed by stable pricing and deep liquidity.

✅ Provides an asset rating anchor for future on-chain credit systems.

✅ Forms deep, integrated collaborations with cross-platform projects, including DEXs, DAOs, and wallets.

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3.4 Mellion Coin Use Cases

MEC (Mellion Coin) is the native functional token of the BitNest ecosystem, serving a quadruple role of value support, functional utility, incentive distribution, and governance authority. It is not merely a transactional token but a fully utilizable, consumable, and governable Web3 token designed for all-encompassing ecosystem scenarios.

1. **BitNest Savings Queue Tickets**

   In the BitNest Savings program, Mellion Coin plays a key role as the ticket fee for participating in rotational yield requests. When users engage with BitNest Savings contracts, they must pay a certain amount of MEC as a ticket fee (Gas Fee). This fee is sent directly to a black hole address, permanently removing it from circulation, further reducing the supply of Mellion Coin and contributing to its value appreciation and stability.

2. **Payment of Transaction Fees**

   Within the BitNest ecosystem, Mellion Coin is used to pay transaction fees on the BitNest blockchain, such as fees incurred when trading on decentralized exchanges.

3. **MEC Lending Protocol Participation (BSC)**

   MEC serves as a collateral asset in the BitNest lending system. Users can pledge MEC to borrow stablecoins (e.g., USDT, bUSD) or other ecosystem tokens. In the future, MEC can also be used as a lent asset, allowing users to deposit MEC and earn interest. Additionally, the credit score from the MEC Credit Wallet will affect collateral ratios, credit limits, and interest rate discounts, enabling the token to function as a creditized asset.

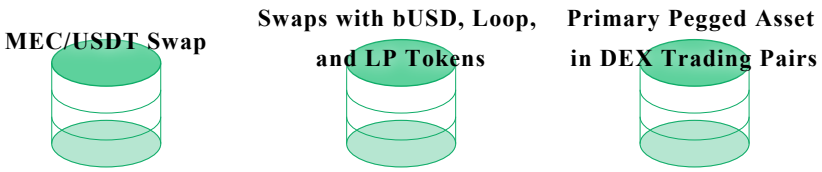
4. **Access to Specific Features**

   Holding a certain amount of Mellion Coin may grant users access to exclusive features, content, or services, similar to a membership system.

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5. Asset Transfer and Trading

MEC can be used as a native trading asset within the BitNest ecosystem for various types of asset exchanges and payments, including:



Additionally, MEC serves as a universal internal transaction medium across cross-chain bridges, smart contract systems, and NFT applications, creating a unified value circulation pathway.

6. MEC Protocol: LP Liquidity Injection and Incentives

Within the MEC protocol, users can contribute MEC and USDT in proportional amounts to liquidity pools (LP pools), supporting the platform's "deep pool" strategy and building robust liquidity backing for MEC. This approach fosters a co-creation and win-win model between liquidity provision and token circulation.

7. Collateral and Cross-Chain Lending Expansion (Planned)

In future upgrades to the BitNest lending system, MEC will serve as a collateral asset for borrowing stablecoins (e.g., USDT, bUSD) or other ecosystem tokens. MEC will also support:

- Collateralized Lending: Pledge MEC to borrow assets.
- Lending to Earn Interest: Lend MEC to others to generate returns.
- Integrated Credit Limit System: Linked with the MEC Credit Wallet to determine borrowing capacity.

This design will evolve MEC from a "utility asset" into a credit asset and yield-generating tool, establishing its foundational financial role within the multi-chain lending ecosystem.

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8. Cross-Chain Bridge Fee Payment

MEC serves as the native token of the BitNest cross-chain bridge, handling inter-chain transaction fees and acting as a value anchor for cross-chain asset mapping. During asset migration across chains, MEC is used for asset registration, verification, confirmation, and bridge transfer, ensuring secure liquidity and cost control.

As the BitNest cross-chain ecosystem expands, MEC will become the fundamental bridge connecting assets across multiple chains.

9. BitNest Minting Protocol

The BitNest Minting Protocol allows users to pledge assets such as MEC + USDT as collateral to mint synthetic assets within the platform (e.g., bUSD, stable asset certificates, LP-structured assets). MEC is a required staking and payment asset for this protocol. Minting activities consume or generate MEC while incentivizing users to participate in liquidity co-creation, driving ecosystem asset expansion.

10. Contract Margin

In the BitNest contract trading system, MEC can be used as trading margin. Users can employ MEC to open leveraged contract positions (long/short) and implement flexible risk management strategies. This functionality expands MEC's financial utility, making it not only a holding asset but also usable in advanced derivatives trading.

11. Platform Governance

Users holding Mellion Coin will receive platform governance rights, including participation in voting, proposals, and parameter adjustments. Governance power is weighted based on the quantity of MEC held and the duration of holding.

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12. Incentives and Rewards

Users participating in liquidity leasing and lending on the BitNest platform will earn additional Mellion Coin rewards, incentivizing liquidity providers. MEC can also be used to pay transaction fees, with eligible holders receiving discounted rates.Mellion Coin will be used to reward users who contribute to the platform's ecosystem, including community contributors, marketers, and developers. Rewards will be assessed and distributed based on the level and quality of contributions.

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The BitNest ecosystem is a global digital currency financial platform built on blockchain technology, leveraging transparency, security, and efficiency inherent to decentralized systems. By integrating Bitcoin infrastructure, blockchain payment technologies, a unique incentive system, dedicated smart contracts, and a decentralized distributed service architecture, BitNest forms a highly extensible token system.

BitNest's mission is to establish a value internet with full-scenario circulation. The platform's design enables seamless integration of on-chain and off-chain applications. Through a set of trusted data sources, real-world events can trigger on-chain smart contracts and decentralized applications (dApps). Thresholds can be set to execute smart contracts on a limited number of nodes, significantly saving network computing resources, while major data transmission and storage can also be confined to selected nodes. This architecture makes decentralized finance (DeFi) and other blockchain application scenarios feasible.

BitNest will play a foundational role in securely transferring funds between the Bitcoin and Mellion Coin blockchains. The platform will also earn fees when handling fund inflows and outflows between the two chains, establishing a secure bidirectional anchoring mechanism between Bitcoin and Mellion Coin.

Current Bitcoin holders and prospective users have observed that Bitcoin's price volatility limits certain applications, such as investment and global payment networks. Furthermore, it is anticipated that post-halving increases in Bitcoin transaction fees will further constrain its practical utility.

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3.5 Mellion Coin Market Release Mechanism

I. Total Issuance and Allocation Overview

The total supply of Mellion Coin (MEC) is 300,000,000 tokens. The issuance follows the principles of "function-driven, behavior-bound, staged release, and controlled deflation", ensuring that MEC has a clear utility orientation and a fair market release path from inception. The goal is to establish a fair, just, and sustainable token distribution model, supporting stable early-stage development, mid-term value accumulation, and long-term scarcity release.

Token Allocation Overview:

Module	Percentage	Quantity (Tokens)	Purpose
1.Liquidity Incentives (LP Mining)	45%	135,000,000	Used to reward MEC + USDT liquidity providers
2.DAO Node Sale (Locked)	35%	105,000,000	Released in stages to ecosystem governance nodes and long-term community participants
3.BitNest Loop Ecosystem Airdrop	10%	30,000,000	Airdrop incentives to genuine users participating in the Loop Protocol
4.Ecosystem Development Fund (Reserve / Partnerships)	3.5%	10,500,000	Liquidity pool injection, partner incentives, and market expansion expenses
5.Technical Team Incentives	6.5%	19,500,000	Released linearly in stages to ensure long-term developer commitment
Total	100%	300,000,000	Fixed supply, no additional issuance

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II. Release Logic and Mechanism Design

Liquidity Incentives (MEC Protocol) **Allocation Percentage** **45%**

Release Description:

This portion of MEC tokens is allocated to incentivize users to deposit MEC and USDT into liquidity pools. Through the LP mining mechanism, participants earn MEC rewards, helping to establish a high-depth, high-stability "deep pool", which provides a solid liquidity foundation for the MEC market.

Sufficient liquidity not only significantly reduces trading slippage and enhances price stability, but also serves as a prerequisite for MEC to become the exclusive collateral asset within the BitNest ecosystem's lending protocols. A well-established deep pool is the fundamental threshold for the token to be accepted by mainstream lending protocols, including BitNest's own lending system and future multi-chain expansions.

Additionally, by directly linking MEC distribution to users' actual LP contribution activities, the protocol achieves "fair distribution + behavior-bound allocation + decentralized release." This approach effectively avoids common issues seen in traditional projects, such as valueless airdrops and immediate sell-offs due to lack of demand, ensuring that MEC establishes a healthy market structure, genuine circulation foundation, and future financial scalability from the very launch stage.

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DAO Node Sale (Locked) **Allocation Percentage** **35%**

Release Description:

This portion of MEC is exclusively allocated for the sale and incentivization of early BitNest DAO governance nodes, serving as equity certificates for long-term platform participants, ecosystem builders, and core members of the credit network. Node sales not only function as a token distribution channel but also act as a trigger for community consensus mechanisms.

Participants acquire MEC through purchase and lock-up, which automatically binds their identity, behavior, and governance rights within the ecosystem. The system implements a comprehensive lock-up and release mechanism, including:

- Initial Lock-Up Period: 100% locked for the first 1–2 months (pre-sale stage).
- Linear Release Period: Maximum release duration of 3–9 months.
- Active Binding Mechanism: Nodes must actively participate in governance, BitNest ecosystem activities, voting, or contribution actions.

- **Use of Funds During Node Pre-Sale IOC Phase (Liquidity Pool Minting)**

  A portion of MEC tokens from this DAO node sale will be injected into the liquidity pool via IOC (Initial Offering Contribution), paired with USDT contributed by node participants to create an early MEC/USDT liquidity pool ("deep pool"). This fund pool will serve as the primary trading pair upon MEC listing and will also be used to:

  - Provide initial trading depth and liquidity support.
  - Stabilize MEC pricing and prevent extreme volatility.
  - Build the "credit depth" for future cross-chain and lending protocol applications.

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Binding DAO Node Users to Early Governance, Liquidity Rights, and Token Value Growth Expectations

With this design, DAO node MEC tokens are no longer purely speculative assets; they serve as credit certificates for participants fulfilling their responsibilities. Release schedules are tied to time, behavior, and governance participation, ensuring that node users receiving MEC demonstrate long-term commitment, willingness to co-build, and ecosystem contributions. The aim is to incentivize long-term community builders, establish a strong platform governance foundation, and develop a credit network, while the lock-up and staged release mechanism prevents short-term sell-offs and reinforces user loyalty.

Through this structure, node users not only acquire governance tokens but also become creators of ecosystem liquidity and price consensus, forming the true starting point of a DAO governance + deep pool construction + value growth community. This model guarantees fair allocation of early governance rights, effectively prevents destructive short-term “buy-and-cash-out” behavior, and lays the foundation for a truly decentralized governance system for BitNest.

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Loop Protocol Airdrop **Allocation Percentage** **10%**

Release Description:

This portion of MEC is allocated for airdrop incentives through the BitNest Loop Protocol to users who actively participate in liquidity circulation. The goal is to reward early ecosystem contributors and promote broad MEC usage and liquidity injection.

As a core circulation infrastructure of BitNest, the Loop Protocol allows users to earn weighted points based on their actual contributions to MEC + USDT short-term circulation or fund utilization. Airdrop rewards are dynamically distributed using an algorithm that considers liquidity contribution, participation frequency, holding duration, and interaction depth, ensuring fair and behavior-driven allocation.

- **Airdrop Mechanism and Safeguard Design:**

  Behavior-Bound Distribution: Airdrops are only available to genuinely interactive users. Participants must complete on-chain actions such as BitNest Loop injections, providing liquidity, or executing contract calls. The system automatically verifies eligibility and calculates weight.

  Time Window Restriction: Addresses that do not participate in the BitNest Loop rewards before the airdrop deadline will forfeit their allocation, which will be sent to a black hole address for permanent destruction.

  Anti-Sybil Protection Mechanism: The airdrop contract includes behavior-recognition logic to filter out mass-registered addresses, instant transfers, or zero-activity addresses, ensuring tokens are not exploited by opportunistic actors.

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- **Mechanism Value:**

Establish Participant Consensus: Behavioral airdrops reward genuine liquidity providers and active ecosystem participants, fostering user loyalty and retention.

Promote MEC Utilization: Users receiving MEC can further engage in staking, governance, swaps, lending, and other ecosystem scenarios, enhancing the token's circulation and utility.

Reinforce Deflation Expectations: The black hole destruction mechanism permanently removes unclaimed allocations, creating a real deflationary model that strengthens long-term token scarcity and price support.

Ecosystem Development Fund (Reserve / Partnerships)	Allocation Percentage	3.5%

Release Description:

This portion of MEC serves as the early-stage ecosystem strategic fund for BitNest, dedicated to critical resource allocation during the platform's launch and growth phases. Applications include liquidity pool construction, partner incentives, market promotion, and public chain deployment support. These tokens are not publicly sold and are managed via a multi-signature address controlled by the development team, released as needed under community governance oversight.

- **Fund Usage Classification:**

1. **Initial Liquidity Pool Construction (Liquidity Bootstrapping):**

Funds will be used to inject initial liquidity for core trading pairs such as MEC/USDT on both CEX and DEX platforms. The objectives are:

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- Establish a deep pool with strong liquidity support, ensuring sufficient early trading depth and stable pricing after MEC listing.
- Serve as a credit foundation for participation in leasing and lending protocols, enhancing trust in collateralized assets.

2. Partner Incentives and Resource Integration

- This includes strategic collaborations with exchanges, DApps, wallets, cross-chain protocols, and KOL communities.
- Partners must submit a collaboration plan or proposal, which, upon approval by the team or DAO resolution, will receive a portion of MEC as linked rewards, listing fee offsets, or marketing subsidies.

3. Global Market Expansion and Community Promotion

- Funds are allocated for community activity rewards, referral incentives, participation in global blockchain conferences, and offline brand promotion.
- This builds BitNest's global brand influence and attracts high-quality users to the ecosystem.

4. Ecosystem Module Development Subsidies

- Based on DAO governance decisions, a portion of the fund may be used as a developer grant pool to support external projects willing to deploy protocols on BitNest.
- This supports the launch of applications in DeFi, NFT, leasing, lending tools, credit systems, and other MEC-integrated solutions.

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Strategic Significance:

BitNest does not release all MEC into the market immediately. A portion is reserved as an “ecosystem engine”, designed to build long-term cooperative structures, guide the aggregation of key resources, and overcome cold-start bottlenecks. This ensures the platform grows not through airdrops or speculation, but through collaboration and value-driven alliances.

Technical Team Incentives **Allocation Percentage** **6.5%**

Release Description:

This portion of MEC tokens is allocated to incentivize the core BitNest technical team, product developers, security auditors, and long-term contributing developers. The goal is to ensure continuous platform development, long-term protocol evolution, and ongoing security maintenance, encouraging the team to grow alongside the project.

To maintain community confidence and market stability, these tokens will follow a strict lock-up and staged release mechanism, with unlocking directly tied to actual contributions.

- **Lock-Up and Release Mechanism:**

  Staged Linear Release: Tokens will begin unlocking from January 1, 2028, at a rate of 4%–5% per month, with full release expected over 18–24 months. All team incentive addresses will be publicly disclosed on the official website and whitepaper, under community and DAO supervision.

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- **Behavior-Bound Rules:**
  - Each release phase is linked to development milestones, such as new feature launches, security audits, or cross-chain bridge deployment.
  - In case of major delays or unmet milestones, releases may be paused and submitted for DAO community review.
  - Smart Contract Lock-Up: Release execution is automated via on-chain smart contracts, ensuring no human interference.
  - Periodic Disclosure: Quarterly reports will publish team release progress, product development status, and incentive distribution, maintaining transparency and community oversight.

- **Design Purpose and Significance:**
  - Technology is the foundation of the protocol. The technical team is treated as long-term co-build partners, not temporary hires. Linking incentives to development milestones attracts core talent committed to long-term contributions, continuous updates, and thorough maintenance.
  - This design deeply aligns the team's rewards with the mid- to long-term value of MEC, ensuring developers benefit from the token's growth while building community trust in BitNest's technical roadmap and execution capabilities.

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Mellion Coin Release Mechanism and Ecosystem Value Explanation

The release and distribution of Mellion Coin (MEC) is fully managed through BitNest's proprietary smart contract system and centralized community oversight. The entire release process is guided by the core principles of fair distribution, ecosystem incentives, market stability, and community co-construction, ensuring that every token flow is rational, verifiable, and strategically meaningful.

1. Staged Release Mechanism

MEC tokens are released in phases according to different modules (e.g., LP mining, node sales, airdrops). The release schedule is dynamically adjusted based on market conditions and behavior binding, effectively preventing:

- Short-term token inflows that could create market sell pressure;
- Price volatility caused by speculative cash-outs;
- Undermining early user confidence and long-term holding incentives.

This "stable release + behavior-bound" mechanism enhances MEC's market resilience and ecosystem sustainability.

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2. Community-Driven Participation Release

MEC release is not centrally allocated; instead, it is automatically triggered by community members' on-chain participation, including:

- Providing liquidity via the BitNest Loop Protocol;
- Participating in on-chain lending via BitNest Lending;
- Earning interest through staking in BitNest Savings;
- Engaging in governance and voting through BitNest DAO.

This design deeply binds MEC circulation to real user contributions, creating a system where participation equals reward and action equals incentive.

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3. Fully On-Chain and Transparent

All transactions, addresses, reward distributions, and burn records related to MEC release are recorded on-chain in real-time and publicly accessible via blockchain explorers. Anyone can verify the destination of each token, eliminating opaque processes, preventing disputes, and enhancing token trustworthiness.

4. Market Mechanism and Supply-Demand Adjustment

The MEC release mechanism is dynamically adjusted based on on-chain supply and demand conditions, such as LP pool depth, trading activity, and total user lock-up. The system reserves adjustable parameters, which can be flexibly optimized through DAO proposals in the future, ensuring MEC maintains long-term intrinsic value support.

5. MEC = Equity Certificate + Dividend Certificate + Governance Token

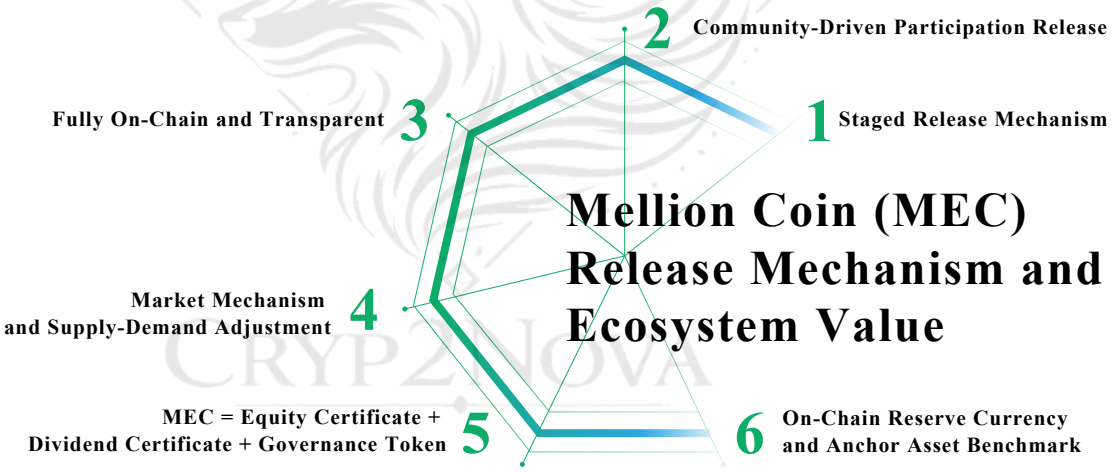
MEC is more than just a transactional token; it serves as a proof of rights within the BitNest ecosystem:

- Holding MEC is equivalent to holding on-chain equity in the BitNest platform;
- Users retain MEC while using protocol functions and can earn yields and dividends;
- Token holders possess voting rights, decision-making power, and claim to ecosystem profits;
- All DAO governance proposals are conducted via MEC, making it the sole voting credential.

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6. On-Chain Reserve Currency and Anchor Asset Benchmark In the future, MEC will act as a platform-level reserve asset. Leveraging its deep liquidity and stable usage scenarios, the system will:

- Issue digital assets pegged to stablecoins or other benchmarks (e.g., USD, gold, commodities);
- Use MEC as collateral for issuing new assets;
- Reduce risk of high-volatility assets like Bitcoin by using MEC as a settlement medium;
- Enhance MEC's role as a value anchor in DeFi, lending, stable trading, and cross-chain payments.



Summary:

The release mechanism of Mellion Coin (MEC) combines fair distribution, economic incentive models, and Web3 identity governance. MEC is not merely a token; it is a multi-dimensional value engine that drives the growth, circulation, and governance of the entire BitNest ecosystem.

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3.6 Innovations and Advantages of Mellion Coin

The BitNest platform, built on deeply optimized blockchain technology, introduces comprehensive innovations in cross-border finance, global payment networks, and on-chain censorship resistance. At its core is Mellion Coin (MEC), forming a globally interoperable digital currency value system. The platform aims to create a borderless, frictionless, and non-inflationary full-scenario digital currency ecosystem, providing billions of users worldwide with fair, free, and convenient channels for value transfer.

3.6.1 Truly Unlimited Global Trading Freedom

Currently, most fiat currencies face severe restrictions in cross-border transfers and free exchange, imposing high costs—or even making international payments impossible—for users in scenarios such as investment, immigration, education, and healthcare. Additionally, some countries impose capital controls or suffer from hyperinflation, preventing the free exchange of local currency and making it difficult for individuals to safely transfer assets.

Mellion Coin (MEC) overcomes the circulation barriers of traditional fiat and crypto assets. Leveraging BitNest's self-developed cross-chain protocol and global DEX routing system, MEC enables:

- Free buying, selling, and holding in any country worldwide;
- Instant exchange with mainstream digital assets such as USDT, ETH, BTC, and BNB;
- Seamless cross-chain transfers, allowing on-chain assets to circulate freely;
- Rapid integration with offline merchants, payment channels, DeFi applications, and stored-value accounts.

With no approvals, no geographic barriers, and no central freezing risk, MEC empowers users with true global digital asset freedom.

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3.6.2. Convenient and Efficient Global Transactions

Compared with traditional mainstream cryptocurrencies such as Bitcoin (10-minute block time) or Ethereum (~15-second block time), Mellion Coin (MEC) adopts a lightweight, high-concurrency consensus mechanism, enabling:

- Average transaction confirmation time of less than 1 second, never exceeding 5 seconds;
- Parallel transaction processing architecture, supporting hundreds of millions of users trading simultaneously;
- Extremely low per-transaction gas costs, suitable for micropayments, small transfers, and large-scale settlements;
- Instant settlement for users in remote regions or major cities alike, eliminating the delays, complex procedures, and high costs of traditional international remittances.

MEC is not a "slow-chain coin"—it is a true on-chain financial-grade asset optimized for large-scale global payments and circulation.

3.6.3. Digitally Enforced Currency Circulation

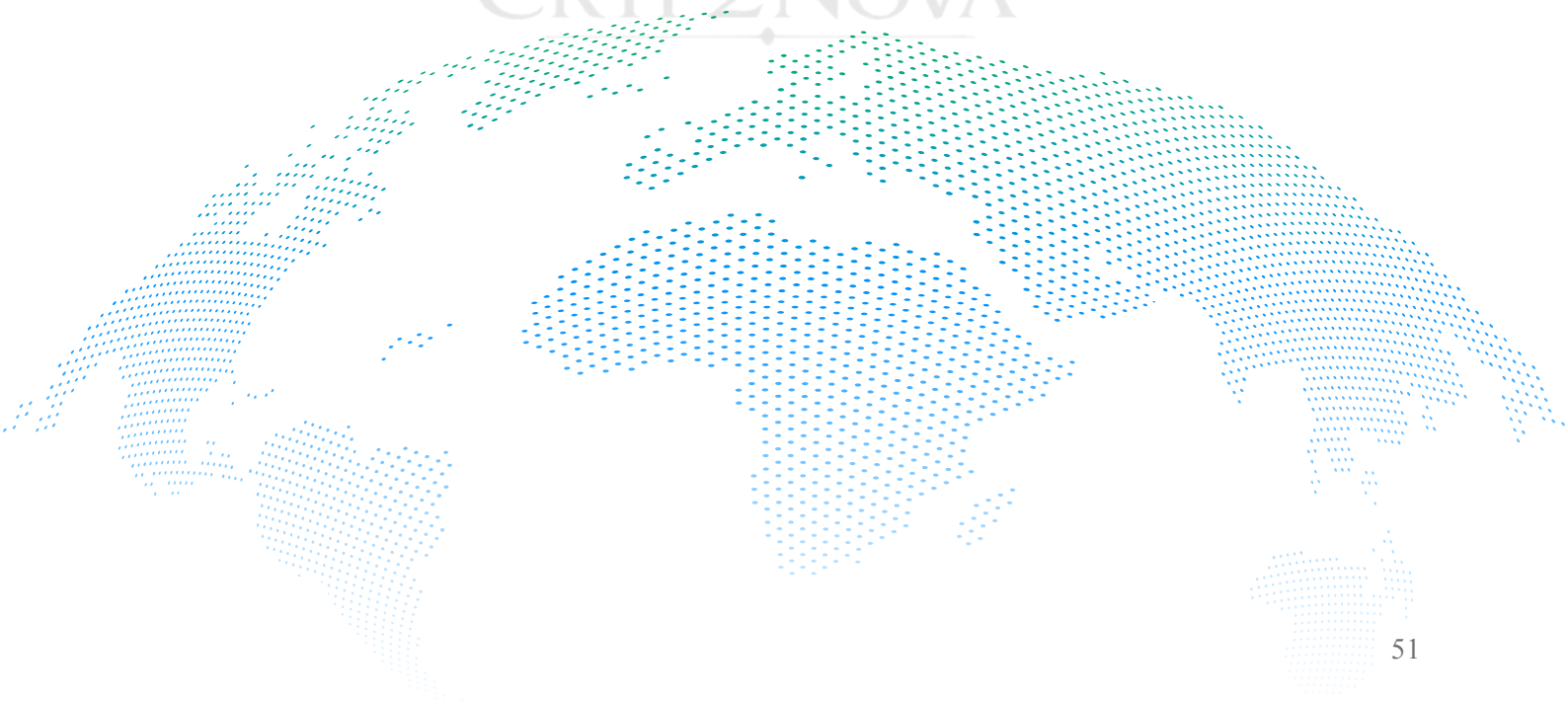
Although mainstream cryptocurrencies like Bitcoin and Ethereum are decentralized, their node structures are relatively concentrated and traffic patterns are predictable, making them susceptible to national-level network firewalls or restrictions. For example, in regions with high censorship, transaction nodes can be precisely targeted, preventing asset transfers or wallet connectivity.

The BitNest team has conducted in-depth research on global information blocking strategies and has purposefully designed MEC's censorship-resistant transmission architecture, employing:

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- Decentralized peer-to-peer (P2P) transmission protocols;
- Pluggable relay communication channels;
- Multi-hop proxy and dynamic IP rotation mechanisms;
- Node obfuscation, anonymous relays, and anti-blocking strategies;
- Network traffic fragmentation and adaptive reconstruction technologies.

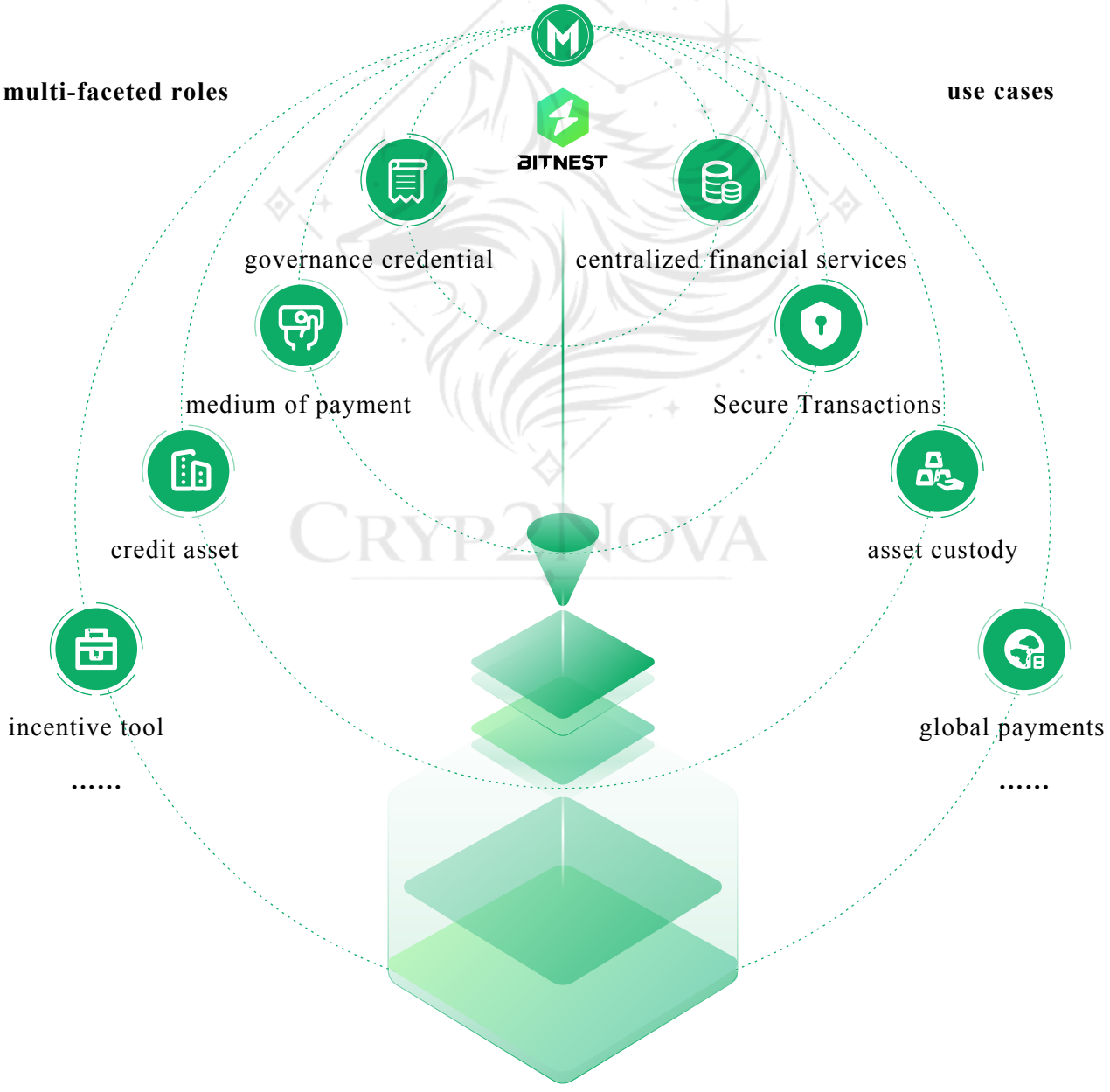
Even under extreme conditions, MEC can transmit peer-to-peer without a central server, remain uninterrupted, and maintain tamper-proof integrity, achieving true global accessibility and censorship resistance.



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4. Mellion Coin Use Cases and Future Expansion

Mellion Coin (MEC) is the core utility token of the BitNest ecosystem, serving multiple roles as a medium of payment, a governance credential, a credit asset, and an incentive tool. Its application scenarios span across the full BitNest stack—from decentralized financial services to on-chain privacy protection, global payments, and asset custody—establishing a comprehensive, MEC-centered application framework.



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4.1 Use Case: DeFi Lending & Staking

- **Scenario Description**

  Within the BitNest ecosystem, users can leverage Mellion Coin (MEC) as collateral through the platform's decentralized lending protocol to borrow stablecoins (such as USDT or BUSD) or other ecosystem assets. Without selling their MEC holdings, users can flexibly mobilize funds and unlock on-chain liquidity while still retaining ownership rights. This functionality is executed automatically via smart contracts, supporting on-chain liquidation, interest settlement, and verifiable borrowing records. In addition, the system integrates MEC's credit wallet scoring mechanism to dynamically adjust borrowing limits and collateral ratios, thereby establishing a secure, efficient, and transparent on-chain financial market.

- **Key Features**

  - **Collateral Security:** Multi-factor collateralization model and preemptive liquidation mechanisms safeguard both lenders and borrowers.
  - **Credit Weighting:** Integrated MEC credit scoring system ensures that higher credit scores result in lower interest rates and higher borrowing limits.
  - **Liquidity Without Selling:** Users can release liquidity without liquidating their assets, enabling efficient allocation of on-chain capital.
  - **Smart Contract Automation:** Borrowing records, repayment progress, and liquidation events are all verifiable on-chain.
  - **Recursive Lending:** Supports repay-and-borrow and re-collateralization strategies, enabling capital reusability within the ecosystem.
  - **Borderless & Permissionless:** Open to global users without manual review, ensuring free and inclusive participation.

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4.2 Use Case: BitNest Retail Payment System

- **Scenario Description**

  MEC will serve as the primary cryptocurrency for retail payments across the BitNest ecosystem, enabling fast, stable, and low-cost on-chain payment solutions. Its application scenarios cover individual merchants, online marketplaces, and physical retail stores worldwide. The system will be integrated with multiple access points, including BitNest Wallet, the MEC Merchant Plugin, and BitNest Club, to support seamless adoption and usage.

- **Key Features**

  - **Instant Settlement:** Payments are confirmed within 1–3 seconds on average, delivering a user and merchant experience comparable to WeChat Pay or Alipay.
  - **Ultra-Low Fees:** Transaction costs are significantly lower than those of traditional gateways such as VISA or PayPal.
  - **No Third-Party Gateways:** Merchants can receive payments directly by integrating with a wallet, without intermediaries.
  - **Offline Integration:** Compatible with retail scenarios such as entertainment, dining, and membership services.
  - **Global Accessibility:** Supports consumer payments, online shopping, and membership point redemption for users worldwide.
  - **Fiat-Pegged Compatibility:** Enables pricing and settlement through stablecoins and fiat-pegged assets.

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4.3 Use Case: Mellion Coin Savings Box

- **Scenario Description**

  The Mellion Coin Savings Box is an on-chain savings and yield product launched by the platform. Users can deposit Mellion Coin (MEC) into the Savings Box to earn stable, daily interest. Beyond basic deposits, MEC also determines a user's interest tier, yield cap, and periodic quota increase strategy. Savings activity is directly linked to the MEC credit scoring system, where factors such as lock-up duration, user activity, and asset stability continuously upgrade the savings level. This creates an on-chain savings experience where "the longer the lock-up, the higher the interest rate, and the greater the withdrawal quota."

- **Key Features**

  - **Daily Interest Accrual:** Earn interest automatically on deposited MEC every day.
  - **Tiered Interest Rate Model:** Higher lock-up amounts and longer durations result in higher interest tiers.
  - **Flexible or Fixed Lock-Up:** Users may choose flexible-term or fixed-term savings, with differentiated returns.
  - **Integrated Credit Scoring System:** Credit levels influence annualized yields and early withdrawal privileges.
  - **Compound Yield Mechanism:** Supports auto-reinvestment, with interest reallocated to the savings pool for compounding returns.
  - **On-Chain Transparency:** All interest distributions and lock-up records are publicly verifiable on-chain.

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4.4 Use Case: BitNest Cross-Chain Bridge

- **Scenario Description**

  The BitNest Cross-Chain Bridge enables users to freely transfer assets—such as MEC and USDT—across major public blockchains including BNB Chain, Ethereum, Arbitrum, and Polygon, effectively resolving asset silo issues. MEC serves as the native token for the bridge, used to pay gas fees during cross-chain transactions.

  Looking ahead, MEC will also act as a core underlying reserve asset, anchoring the value of certain cross-chain assets such as on-chain stablecoins and synthetic assets.

- **Key Features**

  - **Multi-Chain Compatibility:** Supports seamless asset transfers across multiple EVM-compatible blockchains.
  - **Bridge Fee Payment with MEC:** Gas and service fees for bridging are settled using MEC.
  - **High Security:** Dual-layer protection through multi-signature mechanisms and validator nodes.
  - **Cross-Chain Reserve Asset:** Future support for MEC staking to mint cross-chain assets such as bUSD.
  - **On-Chain Verifiability:** Users can track asset status, bridging progress, and execution times in real-time.

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4.5 Use Case: BitNest DAO Governance Voting

- **Scenario Description**

  The BitNest DAO serves as the core governance system of the platform. All significant platform changes—such as adjustments to tokenomics, parameter modifications, or fund allocations—must be proposed and approved through community voting. Mellion Coin (MEC) functions as the exclusive governance token, granting holders decision-making power within the ecosystem.

  By holding MEC, users can participate in DAO proposals, cast votes, compete for validator or governance node roles, and earn voting mining rewards as well as governance points.

- **Key Features**

  - **One Token, One Vote:** Each MEC held represents one unit of governance voting power.
  - **Proposal Rights Mechanism:** Only users holding a minimum amount of MEC can initiate proposals.
  - **Integrated Node System:** The number of MEC held by a node determines its voting weight.
  - **Multi-Stage Voting Model:** Supports governance processes including preliminary review, community discussion, and formal voting.
  - **Governance Incentives:** Participation in governance activities earns rewards such as MEC tokens or airdrop points.

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4.6 Use Case: BNC Public Chain (BitNest Chain)

- **Scenario Description**

  BNC (BitNest Chain) is a high-performance Layer 1 public blockchain independently developed by the BitNest team, designed to support global-scale Web3 financial services and asset trading. Mellion Coin (MEC) serves as the native gas token and fundamental system token of BNC. All on-chain operations—including transfers, contract deployment, contract execution, cross-chain asset transactions, and voting—require MEC as a fee.

  Additionally, BNC's core modules such as network operation, validator incentives, and contract deployment permissions use MEC as the system-level token, forming a closed loop for platform governance and resource allocation.

- **Key Features**

  - **MEC as Gas:** All transaction and contract operation fees are paid in MEC.
  - **System Resource Credential:** MEC is used to request bandwidth, computational resources, and contract deployment.
  - **Blockchain Security Support:** Part of MEC is allocated as rewards for validator block production.
  - **Cross-Chain Base Asset:** MEC serves as both the anchor and fee payment medium for cross-chain bridging.
  - **Multi-Chain Interoperability:** Future plans include bidirectional bridging with BSC, Ethereum, Polygon, and other chains.
  - **Native Governance Support:** Chain-level parameter adjustments and contract upgrades are executed via MEC-based DAO voting.

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4.7 BitNest Exchange

- **Scenario Description**

  BitNest Exchange is the native decentralized trading protocol integrated within the ecosystem. It enables users to directly swap, trade, and place orders using MEC and other major assets such as USDT, bUSD, and Loop. MEC serves as the core trading pair, order asset, and fee token of the exchange. Users can utilize MEC for instant swaps, liquidity provision, and limit orders, with all fees partially redistributed to token holders or used for automatic MEC burn.

- **Key Features**

  - **MEC as Primary Trading Pair:** Supports trading pairs such as MEC/USDT and MEC/bUSD.
  - **Instant Swap:** Enables immediate buy-and-swap operations within 1 second.
  - **Automated Order Matching:** Utilizes AMM combined with depth-based pricing strategy contracts.
  - **Fee Burn Mechanism:** A portion of trading fees is used to repurchase and burn MEC.
  - **Liquidity Incentives:** Trading and liquidity provision actions earn MEC mining rewards.
  - **DEX Dashboard Visualization:** Provides on-chain data dashboards for trading activity and liquidity rankings.

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4.8 Use Case: MEC Credit Wallet

- **Scenario Description**

  The MEC Credit Wallet is the on-chain identity and credit management system within the BitNest ecosystem. It constructs a decentralized credit scoring model by analyzing user activity across various platform modules—such as staking, lending, savings, governance, and trading. Mellion Coin (MEC) serves as the core asset of this system, acting both as a component of the scoring criteria and as a foundation for unlocking permissions, leveling up, and qualifying for airdrops.

  User behaviors—including MEC holdings, lock-up durations, and activity levels—are recorded and quantified to generate a Credit Score. This score directly affects privileges within the BitNest ecosystem, such as borrowing limits, yield tiers, quota increase permissions, and governance weight. The MEC Credit Wallet functions not only as an asset storage tool but also as an on-chain identity vehicle, enabling users to participate in ecosystem governance, access financial services, and unlock airdrop opportunities.

- **Key Features**

  - **On-Chain Behavior Scoring:** Automatically tracks user MEC holdings, lock-up duration, staking amount, lending records, and voting participation to generate a dynamic credit score.
  - **Influences Lending Limits:** Higher credit scores allow users to borrow more assets against staked MEC with lower liquidation risk.
  - **Enhanced Governance Weight:** Users with higher MEC credit levels hold greater voting power within the DAO.
  - **Identity Credential & Permission Unlocking:** Credit wallet levels determine access to specific functions and eligibility for advanced ecosystem services.

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- **Visualized Credit Growth Path:** The wallet displays credit score composition, sources, and upgrade requirements, supporting self-management and motivation.
- **Cross-Module Adaptability:** Credit scores will progressively integrate into BitNest's lending, savings, contracts, nodes, NFTs, and other modules, forming a unified on-chain identity system.

4.9 Use Case: BitNest Savings Queue Tickets

- **Scenario Description**

BitNest Savings is the on-chain interest-generating system within the BitNest ecosystem. Due to its stable yields, high security, and contract-based lock-up features, it has become one of the core financial products frequently used by users. Given that interest rates and total pool capacity are limited, the platform implements a "Queue Ticket Mechanism" to control daily participant numbers, ensuring smooth system operation and precise reward distribution.

Mellion Coin (MEC) serves as the exclusive token for obtaining savings eligibility tickets. Users must hold and pay a certain amount of MEC as a "Queue Admission Ticket" to officially join the savings queue and lock their assets to earn yields.

- **Key Features**
  - **Ticket Mechanism Design:** Daily participation in the Savings Box is limited, and users obtain entry rights by paying MEC. The number of tickets is dynamically adjusted by the system.
  - **Abuse Prevention:** Mechanisms prevent a single user or bots from occupying excessive slots, ensuring fairness.

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- **MEC Burn Mechanism:** MEC used to purchase queue tickets is directed to the burn pool or locked, enhancing MEC's deflationary properties.
- **Credit-Weighted Priority:** Users with higher credit wallet levels can acquire tickets with fewer MEC or enjoy priority in the queue.
- **Cycle-Based Entry:** After obtaining a ticket, users enter the savings pool in the next yield cycle to generate interest.
- **Dynamic Ticket Pricing:** The required MEC per ticket can be adjusted by DAO or dynamically based on participant numbers and yield intensity.
- **Platform Risk Mitigation:** Limits sudden inflows of large funds to prevent sharp drops in savings rates or system instability.

4.10 Use Case: MEC Protocol

- **Scenario Description**

The MEC Protocol is the core on-chain value incentive and circulation mechanism within the BitNest ecosystem. Built on the principles of "MEC + USDT dual-token injection + smart contract release + behavior-bound incentives", it forms an underlying token protocol that supports users in co-creating deep liquidity pools, activating ecosystem mining rewards, and promoting the stable value growth of MEC.

Within the MEC Protocol, users inject MEC and USDT into designated Protocol Pools proportionally to gain rights such as MEC mining, yield dividends, platform points, and airdrop eligibility. The protocol leverages algorithmic control to manage release speed, burn unclaimed portions, and regulate output cadence, thereby creating a precise incentive system and a highly anti-inflationary token economy.

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- **Key Features**
  - **Dual-Token Injection Mechanism:** Users must inject both MEC and USDT simultaneously to participate, ensuring that MEC mining is backed by real liquidity.
  - **Linear Release:** MEC is released daily from the protocol pool at a fixed total amount, with users receiving a proportional share based on their injection weight.
  - **Lock-Up Weighting Design:** Longer injection periods result in higher weight, and some rewards are released only after lock-up, mitigating "mine-and-sell" behavior.
  - **Behavior-Bound Rewards:** Only genuine participants are eligible; fake interactions or short-term deposits do not qualify for rewards.
  - **Automatic Burn of Unclaimed Rewards:** MEC not claimed by the expiration date is automatically burned, reducing circulating supply.
  - **On-Chain Verifiability:** All user injections, releases, and claim addresses are visible on-chain, ensuring transparency.
  - **Multi-Module Integration:** MEC released through the protocol can be further utilized in Savings Box, lending, mixing, DAO, and wallet level modules.

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4.11 Use Case: Contract Margin

- **Scenario Description**

  Within the BitNest Contract Trading System, users can utilize Mellion Coin (MEC) as margin collateral to participate in leveraged long and short positions. MEC not only serves as margin but also influences users' risk levels, liquidation thresholds, fee discounts, and liquidation priority, thereby enhancing its functional value in on-chain financial trading.

  By using MEC as collateral, users can access leverage without selling existing assets, enabling flexible asset allocation and market hedging while balancing risk management and capital efficiency.

- **Key Features**
  - **Native Margin Asset:** MEC can be directly used to open long or short positions, supporting standard leverage operations (e.g., 3x, 5x, 10x).
  - **Risk Parameter Binding:** Users using MEC as margin have their maximum leverage and minimum maintenance margin ratio determined by their MEC credit level.
  - **Dynamic Liquidation Mechanism:** MEC margin accounts integrate with on-chain oracle price feeds to ensure fair, secure, and slippage-free liquidation logic.
  - **Multi-Asset Collateral Support:** Users may combine MEC and USDT as margin, with the system automatically converting proportions based on market value.
  - **Fee Deduction & Burn Mechanism:** A portion of contract fees paid in MEC is automatically burned, creating a deflationary model.

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- **Contract Points & Incentives:** Frequent MEC margin users earn exclusive BitNest contract module points, level-ups, and reward airdrops.
- **Credit System Integration:** MEC Credit Wallet scores determine eligibility for high-risk leverage trading, establishing a tiered trading permission system.
- **On-Chain Verifiable Records:** All MEC-based position openings, liquidations, and settlements are fully auditable on-chain.

4.12 Mellion Coin Ecosystem Development

Mellion Coin (MEC) is the native functional token of the BitNest ecosystem, serving as the central hub connecting users, protocols, assets, identities, and governance. MEC functions not only as an on-chain payment and trading medium but also as a value carrier, incentive engine, and credit anchor for all key activities within the ecosystem.

The development of MEC's ecosystem is not driven by speculation; rather, it is built around real-world use cases, decentralized governance, DeFi infrastructure, and user incentive mechanisms. This approach establishes a sustainable, deflationary, and globally applicable economic system.

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4.12.1 Core Structure: Five Key Functional Positions

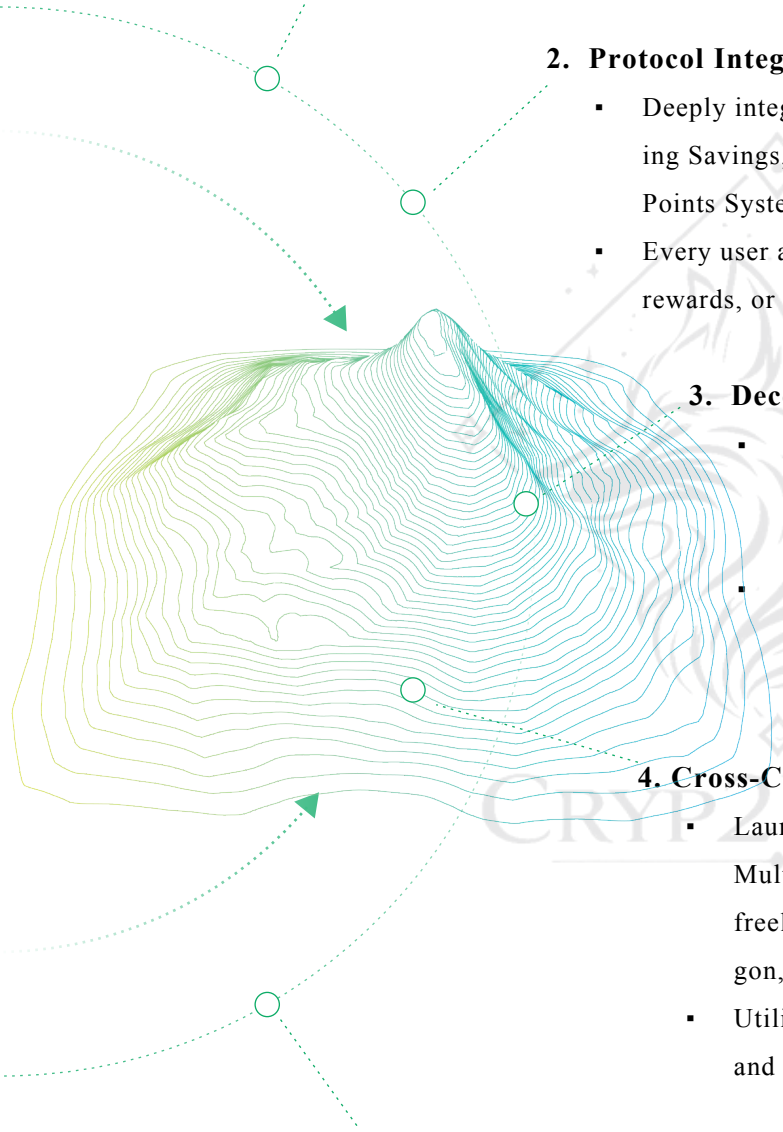


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4.12.2 Ecosystem Development Path

1. **Liquidity Infrastructure Development**
   - "Deep Pool" Initiative: Encourage users to inject MEC + USDT into DEX liquidity pools to establish stable price anchors.
   - LP Mining Incentives: Allocate 45% of total token supply to liquidity provider mining, strengthening early ecosystem adoption and support.

2. **Protocol Integration and Expansion**
   - Deeply integrate MEC across multiple protocol modules, including Savings, Lending, Contracts, Cross-Chain, Wallets, and Points Systems.
   - Every user action is directly linked to MEC consumption, rewards, or lock-up, forming a closed-loop economic circulation.



3. **Decentralized Governance System Development**
   - Launch a DAO Node Lock-Up Sales Program, allocating 35% of total token supply to governance participants.
   - Establish an on-chain proposal, voting, and execution mechanism, with MEC as the exclusive governance token, promoting community-driven autonomy.

4. **Cross-Chain and Global Compatibility Deployment**
   - Launch the BNC Public Chain + Cross-Chain Bridge + Multi-Chain Deployment Plan, enabling MEC to circulate freely across major chains such as BSC, Ethereum, Polygon, and Arbitrum.
   - Utilize MEC as cross-chain transaction fees, anchor assets, and bridging collateral.

5. **Deflationary Mechanisms and Value Recirculation System**
   - Burn Pathways: MEC is burned through unclaimed airdrops, fee rebates, and liquidation recoveries.
   - Lock-Up Mechanisms: Node lock-ups, LP lock-ups, and savings lock-ups are used to control total market circulation.
   - Re-Staking Mechanisms: Through staking, voting, and credit system integration, MEC holding periods are extended to reinforce long-term retention.

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5. Future Value Functions of Mellion Coin

As the BitNest ecosystem continues to expand and its technical architecture evolves, Mellion Coin (MEC) will transform from a single-purpose functional token into a multi-functional ecosystem flagship token that integrates trading medium, credit collateral, governance rights, ecosystem fuel, reserve asset, and issuance anchor.

In the future, MEC's core value functions will extend across multiple layers, including financial infrastructure, cross-chain asset collaboration, on-chain identity systems, and a global payment and settlement network.

5.1 Core Asset for Cross-Chain Collateral and Lending

In the future multi-chain DeFi landscape, MEC will serve as the standard collateral within the BitNest ecosystem and on external platforms such as Aave, Venus, and Radiant. It will enable users to perform cross-chain lending, credit issuance, and on-chain asset swaps.

- Multi-Chain Liquidity Pools support MEC's stable pricing.
- Collateral Ratios are dynamically adjusted based on credit levels.
- All functions—including cross-chain lending, layered staking, and credit expansion—revolve around MEC.

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5.2 On-Chain Reserve Asset & Stablecoin Issuance Anchor

BitNest will establish a stablecoin issuance system (e.g., bUSD) based on MEC + USDT, where MEC functions as:

- Minting Collateral: Supporting stablecoin issuance through partially over-collateralized models.
- On-Chain Pricing Unit: Serving as the valuation standard for on-chain goods, points, and bonds.

This mechanism will promote MEC's evolution from a "trading token" into a core component of an on-chain digital asset reserve pool.

5.3 Core Token for Global Settlement and Merchant Payment Systems

Through integration with BitNest Wallet, BitNest Club, offline payment plugins, and POS systems, MEC can be used for:

- Institutional Collection and Fast Settlement: Payment confirmations within 1 second.
- Fiat-Pegged Spending: Payment linked to stablecoins for price stability.
- Global Micro and High-Frequency Payments: Enabling microservices and small-value transactions worldwide.

In the future, MEC will serve as the underlying fuel for a borderless, intermediary-free, fee-less global payment system, achieving a balance between stability and efficiency.

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5.4 Node Dividend and DAO Governance Binding Certificate

MEC will serve as the exclusive governance token for the entire BitNest governance system. Its long-term value extends beyond usage and lock-up, encompassing:

- Node Elections, Voting, and Proposals
- DAO Ecosystem Dividend Distribution Weight
- Integration of Governance, Profit, and Decision Rights
- High-Level Nodes: Bind higher proportions of MEC in lock-up to participate in platform profit sharing

5.5 Multi-Module Ecosystem Passport and Tier Control Tool

In all future BitNest sub-modules and derivative protocols, MEC will be widely embedded as a functional token:

- Savings Box: Used as a credential for quota increase and interest rate bonuses
- Contract Trading: Fee deduction token
- Wallet: Level upgrades and airdrop eligibility credential
- Launchpad: Access tickets for new project launches
- NFTs: Base token for minting, collateral, and points mall redemption

This design integrates MEC into every layer of platform interaction, establishing it as a truly universal currency within the ecosystem.

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Summary

The future of MEC is a four-in-one model of value support, functional utility, incentive distribution, and governance authority.

Mellion Coin is not merely an “ecosystem token”; it is evolving into the value nervous system of BitNest. Over time, MEC will progress from an on-chain functional currency to an on-chain credit asset, a DAO governance sovereignty credential, and a globally circulating reserve medium, ultimately becoming the core value carrier connecting users, protocols, identities, and governance.

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6. Mellion Coin Investment Highlights

Mellion Coin (MEC) is the native token of the BitNest ecosystem, featuring a comprehensive functional support system and a highly deflationary release mechanism. Its technical architecture, economic model, ecosystem integration, and growth trajectory all demonstrate strategic clarity and long-term value potential.

MEC is not merely a “utility token”; it represents a multi-dimensional token system integrating functional utility, tokenomics, governance sovereignty, creditworthiness, and asset value.

6.1 Supported by Multiple Real-World Use Cases, Rejecting “Air Coin” Models

MEC runs through the entire BitNest full-stack application, fully binding to real user behaviors:

- Used for Savings Box quota increases, lending collateral, trading fees, and contract margin.
- DAO governance voting, proposal rights, and node profit sharing are all driven by MEC.
- Every interaction within the ecosystem requires “MEC to enter”; the more it is used, the stronger its value.

→ MEC is a usage-driven, behavior-bound token that relies on actual utilization and lock-ups, rather than speculation.

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6.2 Strong Deflationary Mechanism with Stable and Continuously Shrinking Supply

- **Total Supply:** 300 million MEC, with no additional issuance.
- **Controlled Circulation:** Strict lock-up schedules for nodes, team, and LPs with linear release.
- **Triple Burn Mechanism:** Driven by user behavior, ecosystem applications, and transaction fee burns.
- **Permanent Burns:** Unclaimed airdrops, unused DAO incentives, and governance violations are sent to black hole addresses for permanent destruction.

→ The total circulating MEC will gradually decrease over time, enhancing scarcity and increasing supply-demand tension.

6.3 Deep Pool Strategy: Price Stability + Lending Credit Foundation

- 45% of MEC is allocated for LP incentives, encouraging users to inject MEC + USDT and form early deep liquidity pools.
- Deep Pools: Low slippage, high liquidity, and reliable price discovery.
- Provide a credit foundation for MEC to enter lending protocols (e.g., BitNest Lending and external platforms like Aave).

→ The deeper the pool, the more stable the price, making MEC a pledgeable asset, with market depth determining its level as a financial asset.

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6.4 DAO Sovereignty Model + Empowered Credit Identity System

- MEC is the exclusive governance token of BitNest DAO, determining who can propose, who has voting rights, and who receives dividends.
- The MEC Credit Wallet records user behavior and credit scores, influencing lending limits and interest rates.
- Community actions affect token release, which serves as the execution path of voting results and governance consensus.

→ Investing in MEC grants governance rights, and holding MEC means actively participating in direction-setting.

6.5 Cross-Chain Value Expansion & Future Reserve Asset Potential

- MEC can be used as cross-chain bridge fees and collateral for cross-chain assets, freely circulating on chains such as BSC, ETH, and Polygon.
- Serves as a reserve asset when issuing stablecoins (e.g., bUSD).
- Acts as a pricing anchor for on-chain goods, NFTs, and derivative assets such as DAM.

→ Investing in MEC means strategically positioning in the long-term value system of on-chain reserve assets.

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6.6 High Investment Value with Scientifically Transparent Release Mechanism

- **Early Distribution:** The majority of tokens are allocated to ecosystem incentives, nodes, and real users, avoiding centralized private-sale control.
- **Transparent, Behavior-Bound Release:** LP, node, airdrop, and protocol mining distributions are clear, traceable, and linked to actual user behavior.
- **DAO-Controlled Release Rhythm:** DAO can govern the release schedule to prevent oversupply and control circulation growth.

→ MEC features a rational allocation, healthy structure, and transparent release mechanism, instilling strong investor confidence and resilient price performance.

Summary

Mellion Coin is an ecosystem-level strategic token integrating deflationary mechanisms, usage-driven utility, governance value, and reserve capabilities.

It is not a speculative product, but the value hub underpinning BitNest's future economic operations, decentralized governance, and asset issuance.

Holding MEC means participating in the ecosystem, binding governance power, and enjoying the generated value.

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7. Mellion Coin Buyback Mechanism

Mellion Coin (MEC), as the native functional token of the BitNest ecosystem, derives its value not only from broad usage scenarios and a scarce issuance mechanism, but also from a long-term, stable platform buyback mechanism. By using real revenue to support token value, MEC establishes an economic closed loop of "usage equals consumption, trading equals reinvestment."

The MEC buyback mechanism is a core instrument of BitNest's on-chain deflation strategy, designed to reduce circulating supply, enhance token value, strengthen market resilience, and incentivize long-term holder confidence.

7.1 Objectives of the Buyback Mechanism

- Stabilizing MEC Market Circulation and Price Performance
- Continuous Supply Contraction: Establishing a scarcity-driven deflation model.
- Platform Revenue Reinvestment: Profits are returned to token holders, fostering a mutually beneficial economic structure.
- Investor Confidence: Strengthening long-term value foundations for MEC.
- Asset Grade and Market Status: Enhancing MEC's role as the primary ecosystem token.

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7.2 Operation of the Buyback Mechanism

1. Quarterly Buyback Plan

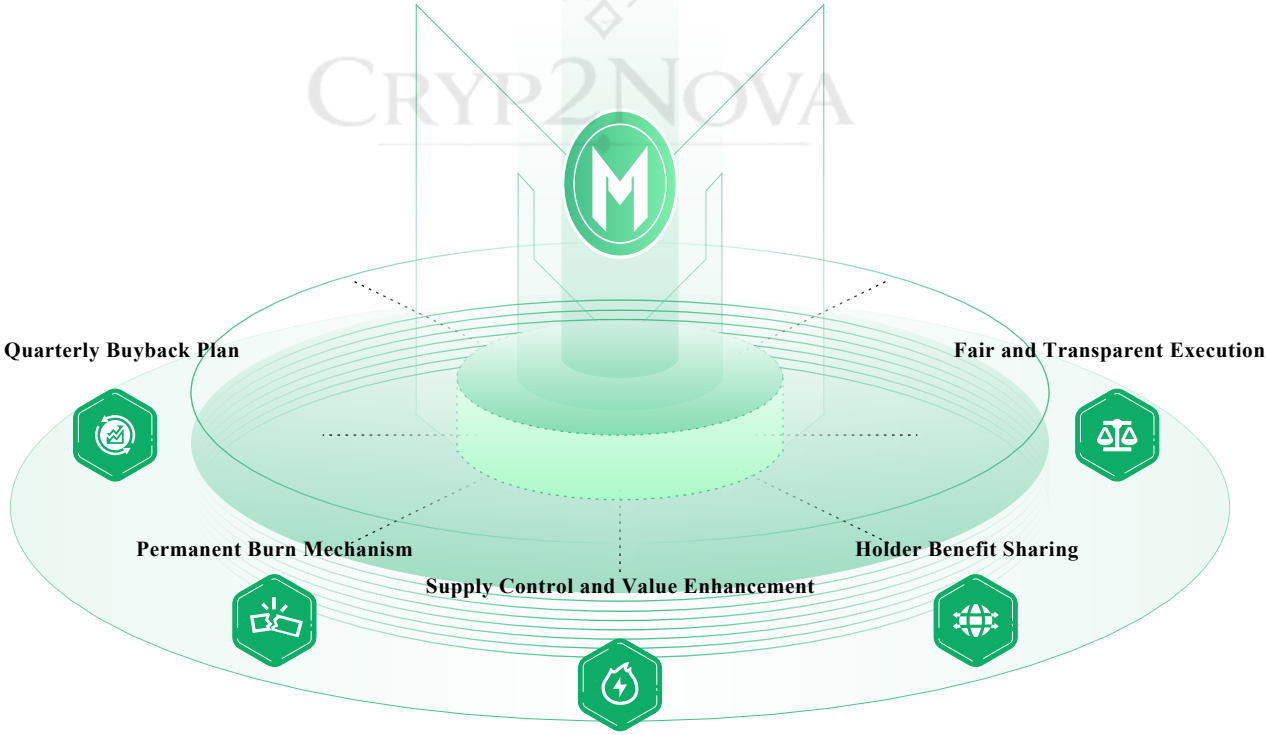
At the end of each quarter, the BitNest team will allocate 30% of net profits from key platform business units—for open-market MEC buybacks.

2. Permanent Burn Mechanism

All purchased MEC tokens will be sent directly to a black hole address (0x000…dead) for permanent destruction, removing them from total supply. This reduces circulation, enhances scarcity, and indirectly increases market value.

3. Supply Control and Value Enhancement

Ongoing burns establish a gradually contracting supply model, maintaining market balance while supporting healthy price growth in secondary markets. The stronger the buyback, the lower the market pressure and the more efficient the value return.



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4. Token Holder Benefit Sharing

This mechanism functions not only as a deflationary tool but also as a redistribution of ecosystem rewards. Real revenue from protocol modules such as the MIX chain is shared with all token holders, creating a positive cycle: platform growth = token appreciation = user benefit.

5. Fair and Transparent Execution

All buyback operations, burned quantities, funding sources, and executing addresses are periodically disclosed. BitNest will release a Quarterly Buyback and Burn Report to ensure transparency, fairness, and community oversight.

6. Ecosystem Value of the Buyback Mechanism

Dimensions	Effects of the Mechanism
Deflationary Effect	Buyback + Burn reduces market supply, creating long-term scarcity-driven value.
Market Stabilizer	Provides periodic price support, alleviates selling pressure, and enhances volatility resistance.
Ecosystem Win-Win	Revenue is redistributed to the community, increasing user participation and holding stickiness.
Credibility Enhancement	Burn data is on-chain and verifiable, ensuring transparent operations and strengthening market trust.

Summary

The Mellion Coin buyback mechanism is not a short-term market manipulation tool, but a reflection of BitNest's strategic commitment to "value realization" and "community win-win." By driving buybacks through platform revenue, controlling supply via on-chain burns, and ensuring community-governed oversight, MEC establishes a closed-loop asset value system that is profit-driven, scarcity-enhanced, and participation-linked.

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7.3 Scarcity of Mellion Coin

The scarcity design of Mellion Coin (MEC) is one of its core value mechanisms. MEC is not an inflationary token; instead, it establishes a highly deflationary, low-circulation, and high-participation scarcity model through a combination of fixed total supply, behavior-driven release, multi-dimensional burns, and staking mechanisms. This foundational logic ensures long-term value growth and a healthy market supply-demand structure.

Under this unique economic model, MEC's buyback and burn mechanisms create extreme scarcity and continuously increasing value. This approach not only gradually reduces token supply but also generates lasting investment value for holders, supporting sustained price appreciation over time.

- **Buyback and Burn**

  By using 30% of quarterly profits from the key business segments to buy back MEC and send them to a black hole burn address, the total supply of Mellion Coin gradually decreases. This mechanism not only enhances token scarcity but also drives gradual price appreciation. Over time, holders will recognize the steadily shrinking supply, encouraging long-term holding and investment.

- **Token Scarcity and Value**

  Scarcity is one of the key factors in determining the value of any asset. Under the influence of buyback and burn mechanisms, the total supply of Mellion Coin gradually decreases, making the token increasingly scarce. This scarcity alters the market supply-demand dynamics, thereby driving token price appreciation.

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- **Long-Term Investment Value**

  As the supply of Mellion Coin decreases, holders will increasingly recognize the token's scarcity and potential value. This encourages more investors to hold MEC long-term, anticipating higher returns in the future. The combination of scarcity and upward price trends establishes sustainable investment value, creating significant wealth appreciation for holders.

- **Sustainability**

  The BitNest technical team will continuously optimize MEC's buyback and burn mechanisms, ensuring real-time alignment with ecosystem development, protocol revenue, and market scale. This mechanism not only supports price management but also serves as a moat for investor confidence and long-term ecosystem growth.

In the future, the DAO will gradually assume partial governance over the buyback mechanism, allowing the community to adjust through proposals:

- The proportion of funds allocated for buybacks;
- Buyback frequency and trigger thresholds;
- Burn ratio and allocation of proceeds.

Through its unique buyback and burn mechanisms, Mellion Coin achieves extreme scarcity and continuously increasing value. As the token supply decreases, prices are expected to rise steadily, providing holders with sustainable investment value and opportunities for wealth appreciation.

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8. BitNest Ecosystem Growth Journey

2022
Early Stage

August 2022
The BitNest project concept was officially conceived.

December 2022
The first ecosystem application prototype was released, marking BitNest's entry into the implementation phase.

2023
Development Stage

January 2023
BitNest deployed its first smart contract, initiating on-chain operations.

February 2023
Users from 7 countries began exploring and engaging with BitNest.

March 2023
The BitNest Lease module completed its first institutional transaction match.

April 2023
The BitNest Loop system processed its first circulation order.

May 2023
Lending transaction demand exceeded 20 million USDT.
BitNest Loop pool capital surpassed 10 million USDT.

July 2023
The BitNest Savings Bank concept was launched, offering stable yield solutions.

August 2023
The preliminary concept of BitNest DAO was proposed, moving toward decentralized governance.

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September 2023

Registration opened to users from multiple countries, accelerating the ecosystem's global expansion.
The official BitNest community was established, fostering an initial culture of user co-creation.

October 2023

Development of the MEC Wallet began, enhancing on-chain asset management tools.

November 2023

BitNest Cross-Chain Bridge Under Development

December 2023

User base in South America exceeded 800,000.
The BitNest ecosystem reached 15 countries, showing the early stages of globalization.

2024
Expansion Stage

January 2024

The BitNest ecosystem business cooperation plan was launched to accelerate application scenario deployment.

February 2024

Development of the SWAP public chain ecosystem began, building a multi-chain compatible architecture (later upgraded to the BNC public chain).

March 2024

Global BitNest users surpassed 1.8 million.

April 2024

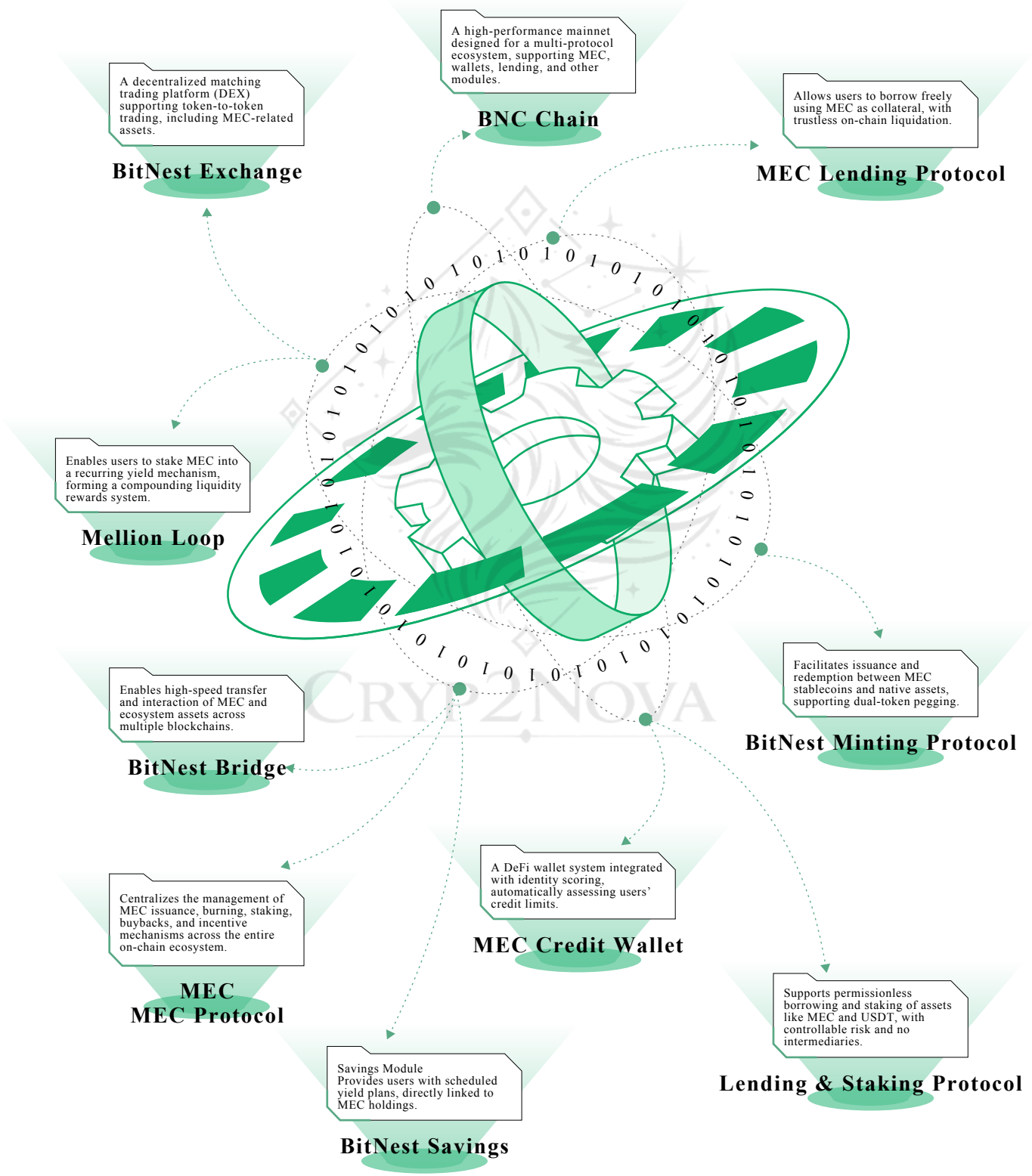
BitNest Loop contracts completed an upgrade.
Mellion Coin (MEC) was officially launched, marking the beginning of the ecosystem tokenization era.

2025~2026
Future Vision

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Ecosystem Structure

April 2024 – April 2025: Modules Launched / Under Development



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Looking Ahead, We Expect

2026

2026 Q1

- Launch the pre-sale of MEC nodes through BitNest DAO.
- Test the BitNest cross-chain bridge.
- Officially integrate Mellion Coin into the BitNest savings queue system.
- The cumulative circulation volume exceeds 100 million MEC.

2026 Q1~Q2

- Q1: Deploy MEC Protocol.
- Q1: Mellion Coin ecosystem functions largely completed, entering multi-scenario usage phase.
- Q2: Open BitNest Exchange for user access.
- Q2: Mellion Coin integrated into BitNest Lending Module, initiating a new chapter of practical utility.
- Q2: MEC Protocol officially applied to the market liquidity “thick pool”.

2026 Q2~Q3

- Deploy BitNest Mainnet.
- Fully integrate Mellion Loop Module to enable capital recycling.
- Implement Mellion Coin cross-chain technology, supporting multi-chain asset interoperability.
- Q2: Launch spot trading on BitNest, further completing the trading ecosystem.
- Q3: Global Mellion Coin holders surpass 20 million.
- Q3: MEC initiates its first buyback and burn, establishing a deflationary model.

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2026 Q4

Global BitNest ecosystem users surpass 50 million,
with Mellion Coin (MEC) reaching a unit value of over $1,000,
establishing itself as a flagship asset in the crypto market.

Conclusion:

Mellion Coin (MEC), as the core token of the BitNest ecosystem, provides users and holders with a wide range of opportunities and incentives, driving both platform growth and the prosperity of the ecosystem. We will continue to enhance and expand the functionality of Mellion Coin to meet user needs, offering more diverse and valuable experiences. Through ongoing innovation and collaboration, BitNest aims to deliver safer, more efficient, and reliable decentralized financial services, contributing to the future development of digital assets.

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Mellion Coin

White Paper

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