BitTON.AI White Paper

Be The Open Network — Be TON!
The Future of Crypto User Experience

Abstract
The cryptocurrency market has experienced significant growth, with the global number of cryptocurrency owners increasing from 583 million in January 2024 to 659 million by December 2024 — a **13% rise** within the year. Projections indicate that by 2025, the number of cryptocurrency users worldwide could reach approximately 861 million. This rapid adoption underscores the need for scalable, efficient, and user-friendly blockchain solutions.

However, many existing blockchain networks face challenges related to centralization, energy consumption, and user accessibility. As artificial intelligence (AI) continues to advance, the interaction between users and decentralized finance (DeFi) systems is expected to shift towards intuitive, conversational architectures. This evolution necessitates a transformation in blockchain ecosystems to accommodate AI-driven interactions and ensure sustainability.

Additionally, the environmental impact of blockchain operations remains a concern, with energy consumption for mining and processing growing substantially. Addressing these ecological challenges is imperative for the long-term viability of blockchain technologies.

BitTON.AI aims to address these issues by developing a decentralized, AI-compatible, and environmentally sustainable blockchain ecosystem tailored for the future.

Mission
BitTON.AI aims to build a next-generation crypto ecosystem that combines the best of blockchain innovation with long-term sustainability.

Key objectives:
- **User Accessibility:** Delivering a seamless decentralized experience, while maintaining true decentralization principles.
- **Sustainable Tokenomics:** Inspired by Bitcoin's scarcity model, while maintaining usability.
- **Fast and Secure Blockchain:** Hybrid consensus mechanism — combining Proof of Staking and Proof of Participation.
- **Green Energy:** Supporting eco-friendly solutions through solar power and renewable energy adoption.

"BitTON.AI is not just another blockchain — it's the light at the end of the tunnel for long-term usability in an AI-driven world."

Product Offering for Users

BitTON.AI offers a structured staking and deposit program with predictable yields over a 135-day cycle.

- **User Payments:** All deposits in TON tokens
- **Rewards & Paybacks:** All returns paid in BitTON tokens

Yield Breakdown

Period	Daily Interest
7 days	0.5% → 1% → 1.5%
70 days	2%
35 days	3%

Liquidity & Rewards Strategy

BitTON.AI supports its rewards system via a dynamic liquidity expansion model:

- **70%** – Rewards to users (converted and sent)
- **10%** – Platform fees
- **10%** – Product development
- **10%** – Long-term vesting (180+ days)

Rewards Source:

Rewards are generated through strategic placement in DeFi liquidity pools, especially those with high-yield concentrated liquidity operations.

Two main investment portfolios:

- **Aggressive:** (e.g., SIREN-WBNB, Broccoli-WBNB)
- **Conservative:** (e.g., WETH-USDC, ZRO-WBNB)

Tokenomics & Logic

Parameter	Value
Token Name	BitTON
Total Supply	21,000,000 tokens
Starting Price	$1 per BitTON
Blockchain	TON (initially), evolving to cross-chain
Consensus Model	PoD (Proof of Decentralization): hybrid of PoS & PoP

Green Commitment	Revenue reinvested in renewable energy projects

Emission Algorithm — Proof of Progress (PoP)

BitTON.AI uses a custom logic of token release based on measurable progress across the ecosystem. This is called **Proof of Progress** — where emission becomes more difficult as user activity, adoption, and utility increase.

Basic Progress Metrics:
1. **W:** Number of unique wallets
2. **B:** Number of tokens purchased
3. **U:** Utility-based transactions (payments, usage)
4. **P:** Participation in pools
5. **E:** Exchange transactions (e.g., BitTON.AI swaps)

Emission Difficulty Function

The emission difficulty is calculated using a dynamic formula:
*EmissionDifficulty = 1 + log(W) + log(B) + sqrt(U) + 0.5 * P + 0.3 * E*

This ensures that as the ecosystem becomes more active, minting new tokens requires more substantial on-chain progress. This discourages rapid, speculative issuance and aligns token growth with actual usage.

Supply-Based Price Scaling

In addition to difficulty, the price of Bitton increases in steps based on the total number of tokens issued. This creates a predictable, yet motivating, pricing model:

Total Supply Range	Token Price
0 – 1M	$1.00
1M – 2M	$1.50
2M – 3M	$2.25
3M – 4M	$3.38
4M – 5M	$5.06
5M – 6M	$7.59
6M – 7M	$11.39
7M – 8M	$17.08
8M – 9M	$25.62
9M – 10M	$38.43
10M – 11M	$57.65
11M – 12M	$86.47

12M – 13M	$129.71
13M – 14M	$194.57
14M – 15M	$291.86
15M – 16M	$437.79
16M – 17M	$656.69
17M – 18M	$985.03
18M – 19M	$1,477.55
19M – 20M	$2,216.33
20M – 21M	$3,324.50

Bitton Token Price vs Total Supply (in millions)
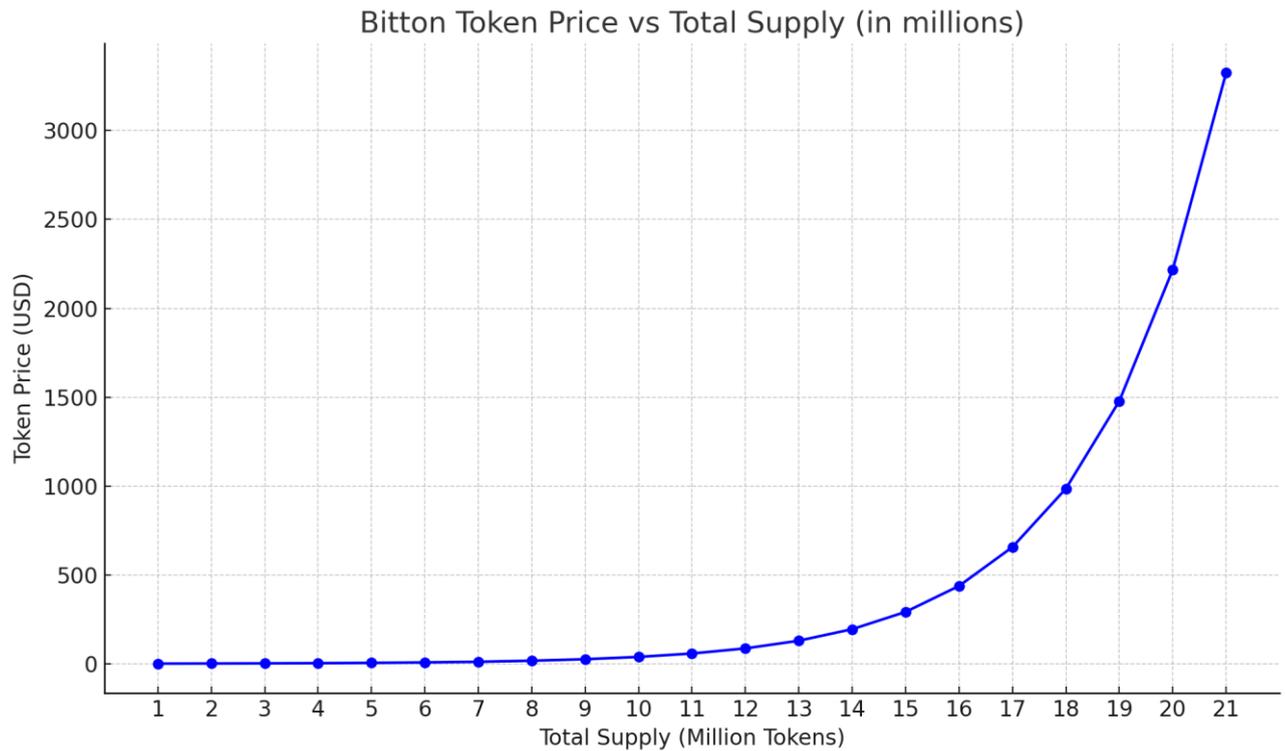
Times & Tracks (Emission Timeline)

To control inflation and support long-term sustainability, BitTON.AI emission follows a structured timeline:

Phase 1: Acceleration (2025–2030)
- **70% of total supply** is planned to be distributed.
- Minting speed tied to user growth and network expansion.
- Focus on incentives, staking, liquidity bootstrapping.
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Phase 2: Optimization (2030–2050)
- Remaining **30% of supply** distributed gradually.
- Introduction of slowing mechanisms based on progress metrics.
- PoP algorithm makes minting increasingly difficult.
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Phase 3: Final Stretch (2050+)