



A Virtual Pixelated Fishing-Mining Project on BNB Chain

The Manifesto

We love decentralization.

We believe in equal access to token distribution.

But most users can't join complex mining economies. So we built Fish Bit.

Same scarcity, same emission logic.

But more accessible, more fun, and 100% on-chain.

No mining rigs, no hidden control.

Just a boat, a rod, and a wallet.

Fish Bit — Farm with Fairness.

Fish Bit: A Virtual Pixelated Fishing-Mining Project on BNB Chain

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Abstract

Fish Bit is a decentralized protocol that allows users to earn tokens via a virtual fishing mechanism. Based on a virtual Proof-of-Work model (vPoW), Fish Bit reproduces the emission curve and scarcity of classic mining systems, while removing all barriers to entry. Users participate by acquiring virtual fishing rods and boats via smart contracts. Each rod contributes a hashrate, and rewards are distributed proportionally to the user's share of total hashrate. The protocol is fully on-chain, fair, transparent, and resistant to manipulation.

1. Introduction

Classic crypto mining has become inaccessible to most retail users. It requires costly hardware, electricity, and technical expertise. Fish Bit reimagines mining as a virtual fishing experience, allowing anyone with a wallet to participate.

Fish Bit runs entirely on the BNB Chain using smart contracts. It mirrors the issuance model of Bitcoin: capped supply, halving schedule, and block-based emission. But instead of using real electricity and mining rigs, it uses virtual boats and rods that contribute virtual hashrate.

The protocol has no admin keys, no randomness, and no private allocation. Every rule is hardcoded and immutable.

2. Protocol Overview

Fish Bit distributes new tokens (Fish Bit Token) based on virtual Proof-of-Work (vPoW), through 3 core components:

1. Token Supply and Emission
 2. Virtual Fishing Infrastructure
 3. Reward Distribution Mechanics
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2.1 Token Supply and Emission

- **Token Name:** Fish Bit Token
- **Ticker:** (To be announced)
- **Max Supply:** 21,000,000
- **Initial Block Reward:** 3 tokens

- **Block Interval:** ~1.5 seconds
- **Halving Interval:** Every 3,395,000 blocks

Emission Formula:

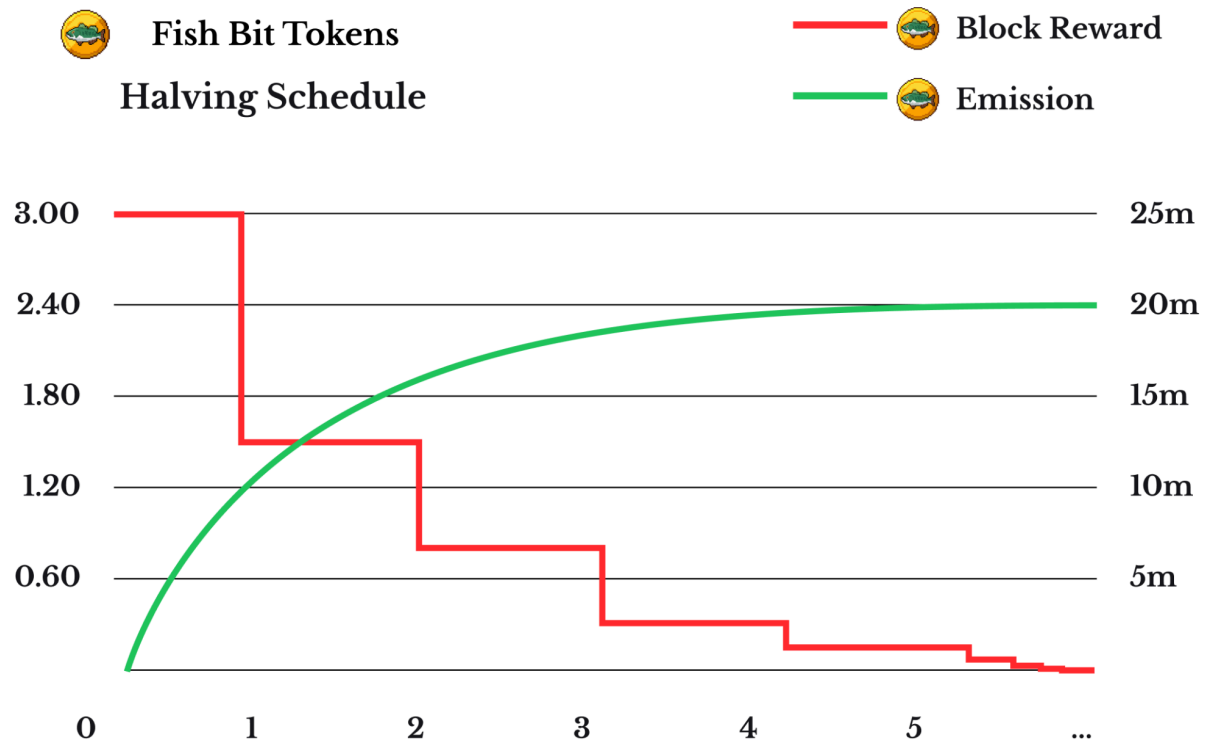
$$R_n = R_0 \times \left(\frac{1}{2}\right)^n$$

Where:

- R_0 : Initial reward (3 tokens)
- R_n : Reward at the n-th epoch
- Epoch length: 3,395,000 blocks

Halving Schedule:

Epoch	Block Height	Block Reward
0	0 – 3,395,000	3 tokens
1	3.4M – 6.8M	1.5 tokens
2	6.8M – 10.2M	0.75 tokens
3	10.2M – 13.6M	0.375 tokens
...



2.2 Virtual Fishing Infrastructure

Fishing Rods:

- Provide fixed virtual hashrate (e.g. 100 vHashrate per rod)
- Require Fish Bit Token to purchase (except CPU Rod via giftcode)
- Do not expire or decay

Boats:

- Required to activate any rod
- One free boat is provided during onboarding

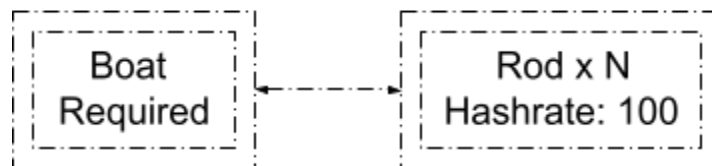
Rod Types:

Rod Type	How to Get	Hashrate	Luck	Giftcode Quota
CPU Rod	Free (giftcode)	10	1	5
GPU Rod	Buy with tokens	200	100	10
ASIC Rod	Buy with tokens	667	500	20
QUANTUM Rod	Buy with tokens	2000	2000	30

Each rod type differs in:

- Purchase Cost: Paid rods must be bought (Check pricing at fishbit.org)
- Hashrate: Determines how often your rod catches fish (higher = faster)
- Luck: Affects your chance of catching rare/high-value fish
- Giftcode quota: Number of referral codes you can generate with each rod

Infrastructure Example:



2.3 Reward Distribution

At each block, rewards are split based on hashrate:

$$Reward_u(t) = \frac{h_u(t)}{H(t)} \times R(t)$$

Where:

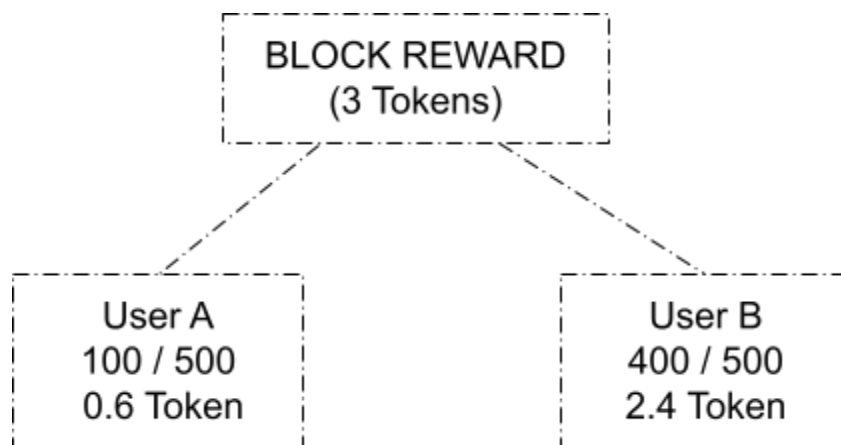
- $h_u(t)$: User's hashrate
- $H(t)$: Total network hashrate
- $R(t)$: Block reward at time t

Example:

- User A has 100 vHashrate
- User B has 400 vHashrate
- Total: 500 vHashrate
- Block Reward: 3 tokens

Then:

- User A: 0.6 tokens
- User B: 2.4 tokens



2.4 Referral System

Fish Bit uses a simple 2-level referral system:

- When a referred user **buys rods**, the referrer gets **10%** of the amount spent (in Fish Bit Token)

- When a referred user **earns rewards**, the referrer gets **10%** of the earned amount (in Fish Bit Token)

There are **no performance boosts** or hashrate bonuses for referred users.

Each user receives a **gift code** after onboarding that can be shared up to **5 times**. New gift codes are granted by purchasing new rods.

3. System Deployment

Fish Bit runs as a fully on-chain protocol deployed on the **BNB Chain**.

- All contracts are immutable.
- No admin keys, upgrade paths, or off-chain dependencies.
- Token logic, halving, rewards and referrals are enforced by smart contracts.

4. Initial Liquidity Provision

Fish Bit will pre-allocate **3%** of the total supply of Fish Bit Tokens to provide initial liquidity on decentralized exchanges.

- No presale, private sale or team allocation.
- 100% of LP tokens will be **burned**.

This allows users to:

- Trade tokens from day one
- Use tokens to buy rods and upgrade faster

Liquidity Breakdown:

- 3% tokens paired with BNB
- LP tokens permanently burned
- Remaining 97% will be mined on-chain

5. Security and Fairness

Fish Bit is designed with strict fairness and transparency principles:

- **Deterministic Rewards:** Proportional distribution based on hashrate
- **No Front-Running:** No tx priority, randomness or MEV attack surface
- **Sybil-Resistant:** Splitting hashrate across wallets offers no benefit
- **Immutable Logic:** No admin control, upgrade proxies, or external triggers
- **Fully Verifiable:** All state changes and formulas are on-chain

6. Conclusion

Fish Bit delivers a decentralized, fair, and gamified way for users to earn on-chain tokens using fishing-inspired virtual mining logic.

Accessible to everyone, governed by code, and fueled by smart contracts — Fish Bit makes token farming fun, fair, and open to all.

Fish Bit — Let the Fishing Begin

References

[1] Satoshi Nakamoto. *Bitcoin: A Peer-to-Peer Electronic Cash System*, 2008.