BOBAI Whitepaper

Brain On BNB AI — Where Memes Meet Intelligence • Version 2.1 • July 2026

1. Introduction

Brain On BNB AI (**$BOBAI**) is a deflationary meme token on BNB Smart Chain, built entirely by AI. The project explores what happens when artificial intelligence handles every aspect of a token — from smart contract deployment to an autonomous buyback & burn mechanism that runs 24/7 without human intervention.

BOBAI was fair-launched on Four.Meme on March 27, 2026 with no presale, no team allocation, and no vesting. 100% of the token supply went to the open market.

2. Tokenomics

PARAMETER	VALUE
Token Name (Contract)	BOB
Token Name (Branding)	Brain On BNB AI
Symbol	BOBAI
Chain	BNB Smart Chain (BEP-20)
Total Supply	1,000,000,000
Decimals	18
Launch	100% Fair Launch via Four.Meme
Presale / Team / Vesting	None

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Liquidity	Locked (PancakeSwap V2)
Ownership	Renounced

On-Chain Tax: 3%

Every buy and sell transaction incurs a **3% tax**. The **standard split** is:

- **1% Creator** — sent to the creator wallet, used to fund the autonomous buyback bot operations
- **1% Burn (BOB)** — used to buy and burn BOB (Build on BNB), sent to the dead address
- **1% Burn (BOBAI)** — used to buy and burn BOBAI, sent to the dead address

The result: **2% of every trade is permanently burned** under standard split, continuously reducing the circulating supply. The **3% tax rate is hardcoded** in the smart contract and cannot be changed after deployment.

Dynamic Tax Allocation

While the **3% rate is immutable on-chain**, the *distribution* of those 3% across buckets (BOBAI burn / BOB burn / Creator / programs) is executed **off-chain by the autonomous buyback bot**. This allows the project to run time-boxed transparency programs that temporarily redirect a portion of the tax flow — without ever touching the contract.

Programs run during defined windows and revert to the standard 1/1/1 split when they expire. Current and recent:

- **$BOB Permalocked Liquidity Boost** — *completed* Apr 21 to Jun 4, 2026. 107 adds, ~1.07 BNB deployed, ~23.1B BOB locked, 19,173 LP tokens burned. 0.5% of the Creator slice was diverted to permanent BOB/BNB liquidity adds.
- **$BOBAI Permalocked Liquidity Boost I** — *completed* Jun 1 to Aug 1, 2026. 55 adds, 0.7994 BNB deployed, 1,016.08 LP tokens burned. 0.5% of the BOB-burn slice (plus an additional 0.25% from the Creator slice during the Jun 15 to Aug 1 overlap window) was diverted to permanent BOBAI/BNB liquidity adds, with LP tokens burned.
- **WC26 Prize Pool Auto-Flow** — *completed* Jun 11, 00:01 UTC to Jul 19, 23:59 UTC, 2026. 0.52% of every trade tax flowed to the WC26 prize-pool wallet 0x5E41...D105 — 0.26% redirected from the BOB burn slice + 0.26% from the Creator slice. All pots were paid out on-chain on Jul 20, 2026.

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- **$BOBAI Permalocked Liquidity Boost II** — *active* Aug 8, 00:00 UTC to Sep 16, 23:59 UTC, 2026. 0.8% of every trade is diverted from the BOB-burn slice to permanent BOBAI/BNB liquidity adds, with LP tokens burned to the dead address. Split during the window: 1% BOBAI burn · 0.2% BOB burn · 1% Creator · 0.8% BOBAI liquidity. The Creator slice is untouched; the BNB never becomes withdrawable.

Transparency guarantees:

- Every program is announced before it starts and published on the live tax-allocation schedule on the dashboard.
- Every run of the bot that handles tax distribution is written to a public audit log — amounts, timestamps and the transaction hash of each burn.
- Every burn, every liquidity add, every prize-pool credit is an on-chain transaction verifiable on BscScan.
- Programs can only *redirect* slices within the existing 3% — they can never increase the tax rate, mint tokens, or change the contract.

3. Buyback & Burn Mechanism

The core of BOBAI is its autonomous buyback & burn bot. This bot runs as a Cloudflare Worker on a cron schedule, executing every 10 minutes.

How It Works

1. The 3% tax accumulates in the token contract
2. When the threshold is reached, the bot triggers a dispatch
3. The buyback portion is swapped for BOBAI via PancakeSwap
4. Purchased tokens are sent to the `0x000...dEaD` burn address
5. Each burn is a verifiable on-chain transaction

The result: **supply decreases over time**. Every trade contributes to reducing the circulating supply permanently.

Bot Infrastructure

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The buyback bot runs on Cloudflare Workers with a cron trigger — no server to maintain, no downtime. Every run it makes is logged publicly.

Serverless | 24/7 | Public Log | Autonomous

4. Ecosystem Programs

Beyond the core tax mechanic, BOBAI runs two on-chain programs that route value back to holders and the wider BNB Chain community.

4.1 WC26 Tipgame — FIFA World Cup 2026 Prediction Pool

The WC26 Tipgame is a free-to-enter prediction game running for the duration of the 2026 FIFA World Cup (Jun 11 to Jul 19, 2026). Players tip every match score, answer five bonus questions, and predict end-of-tournament BTC/BNB/BOBAI prices. All payouts are denominated in BOBAI and settled from a transparent on-chain prize pool.

- **No entry fee, no token deposit required.** A connected BNB Smart Chain wallet is needed to receive payouts; players without a wallet can still play and their picks are tracked, but their share is skip-promoted to the next wallet-linked player.
- **Prize pool sources.** 0.52% of every BOBAI trade tax (the WC26 auto-flow program, § 2) plus direct BNB/USDT community donations. All inflows are auto-swapped to BOBAI on a 10-minute cycle and credited to the prize-pool wallet 0x5E41…D105.
- **Three pots split 60 / 30 / 10 (group phase) → 0 / 90 / 10 (KO phase):** 12 Group Brackets (one winner per group of 4 teams), the End Pool (overall top 4 across the whole tournament), and a Crypto Pot (winner-take-all per coin, settled by absolute USD price diff at final kickoff).
- **BOBAI holder cap:** a player's payout across all pots is capped at 26× their on-chain BOBAI balance at settlement, to keep skin-in-the-game aligned. Excess is redistributed back into liquidity adds and burns.
- **Tie-breaker (rules § 7):** equal-score players are ranked by on-chain BOBAI balance. Balances are snapshotted daily at 06:15 UTC during the quiet window between matches; the leaderboard exposes only a *"holds more $BOBAI"* badge, never actual amounts.
- **Verifiability:** every prize-pool credit, donation swap, and final payout is an on-chain transaction, checkable on BscScan.

Full rules, live prize pool, and projected payouts: brainonbnb.com/worldcup.

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4.2 BOBAI Buy Drops — NFT Collection

Every BOBAI buy of **$100 or more** auto-mints a collectible NFT directly into the buyer's wallet. There is no claim step, no extra cost, and the NFT lands within minutes of the trade. The collection is a fixed-supply ERC-721 on BNB Smart Chain.

- **Total supply:** 1,925 NFTs, fixed and capped on-chain.
- **Six buy-tier motifs** determined by USD-value of the buy: NICE BUY ($100+, 1,000 max), BIG BUY ($150+, 500), HUGE BUY ($250+, 250), WHALE BUY ($500+, 100), THUNDER BUY ($1,000+, 50), KRAKEN BUY ($2,500+, 25).
- **Seven rarities** drawn from a weighted matrix per tier, generating the per-NFT visual identity.
- **Ownership renounced.** The mint contract was deployed by the BOBAI team and ownership has been renounced — no further admin actions are possible, no minting beyond the cap, no metadata changes.
- **Marketplace discoverable:** auto-indexed by NFTScan, OKX, and Element. Royalty 8% (40% creator / 40% BOB burn / 20% BOBAI burn) where the marketplace honors ERC-2981.

Contract: `0xd56226b3b8297a57f4361fca28aa43babdc9789d` • Live drops feed and rarity browser: brainonbnb.com/nft.

5. Security

- **Contract Verified** — source code verified on BscScan
- **Owner Renounced** — no admin functions, no minting, no pausing
- **LP Locked** — liquidity locked on PancakeSwap
- **No Proxy** — contract is not upgradeable
- **Verified Source** — contract code published and readable on BscScan
- **Tax Immutable** — 3% rate is hardcoded, cannot be modified

6. Built by AI

Every component of BOBAI was created with the assistance of AI:

- Token deployment and configuration
- Buyback & burn bot logic

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- Dashboard and website
- Telegram community bot
- Marketing copy and branding

BOBAI is an experiment in AI-driven token creation and management — exploring how far autonomous systems can go in the crypto space.

7. Machine-Readable AI Agent Interface

BOBAI is not just built by AI — it is built to be **read by AI**. The token exposes a verifiable, on-chain agent identity and a live query interface so that other AI agents can pull BOBAI's real on-chain data *straight from the source* before they act, rather than relying on second-hand or cached third-party data.

The stance is deliberately **neutral**: these surfaces are a source of truth, not a pitch. Every tool is **read-only** — nothing here can move funds or change state — and every value returned is independently verifiable on-chain.

On-Chain Agent Identity (ERC-8004)

BOBAI holds a registered ERC-8004 agent identity, **Agent #49467**, on the BNB Chain Identity Registry `0x8004A169FB4a3325136EB29fA0ceB6D2e539a432` (`eip155:56:0x8004A169…a432#49467`). The registration metadata — name, token, official services, and agent wallet — lives on-chain and is the only editable copy, so what an agent reads is what the project actually signed.

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Query Interface

- **MCP** (Model Context Protocol, JSON-RPC 2.0, spec 2025-06-18) — `POST https://brainonbnb.com/mcp`
- **A2A agent card** — brainonbnb.com/.well-known/agent-card.json
- **Skill guide** (Markdown, for URL-reading agents) — brainonbnb.com/skill.md
- **llms.txt** (plain-text machine summary) — brainonbnb.com/llms.txt

The MCP endpoint exposes **nine read-only tools**, all served from Cloudflare's edge (always-on, no server):

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- **bobai_guide** — interactive "start here" entry point: what you can ask, what you can do, and which tool answers each.
- **bobai_token_info** — contract, name, symbol, decimals, total & circulating supply, amount burned.
- **bobai_burned** — total BOBAI permanently burned by the autonomous bot.
- **bobai_circulating_supply** — total supply minus burned.
- **bobai_wallet_balance** — BNB and BOBAI balance of any BSC wallet.
- **bobai_trade_info** — PancakeSwap V2 router, pair, swap paths, and the critical fee-on-transfer params (3% tax, min 15% slippage, SupportingFeeOnTransfer methods) — a naive swap reverts without them.
- **bobai_how_to_buy** — ready-to-run viem code with a live on-chain quote, so an agent can execute a swap zero-shot.
- **bobai_tokenomics** — neutral, verifiable value-accrual mechanics and trust properties (renounced, LP burned, fair launch). Describes the design; not a buy recommendation.
- **bobai_links** — the canonical set of official links.

Every tool returns data that can be re-verified independently on BscScan — nothing the agent says has to be taken on trust.

8. Contract Details

BOBAI Token	`0x245c386dcfed896f5c346107596141e5edcbffff`
Pair (BOBAI/WBNB)	`0x6eadd4cb786898b34929444988380ed0cc6fd9a6`
NFT Buy Drops	`0xd56226b3b8297a57f4361fca28aa43babdc9789d`
WC26 Prize Pool	`0x5E4102520A71B2AA18a1208330d4848dea4BD105`
ERC-8004 Agent Registry	`0x8004A169FB4a3325136EB29fA0ceB6D2e539a432 (#49467)`
DEX	PancakeSwap V2

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Compiler	Solidity 0.8.20

9. Links

- Website / Dashboard
- WC26 Tipgame
- NFT Buy Drops
- AI Agent Skill Guide • ERC-8004 Agent #49467
- Telegram
- Burn Audit Log (live)
- BscScan
- GeckoTerminal
- Trade on PancakeSwap

10. Disclaimer

BOBAI is a meme token and an experimental project. It is not financial advice and should not be treated as an investment. Cryptocurrency is volatile and you may lose your entire investment. Do your own research before interacting with any token or smart contract. There is no team, no roadmap promises, and no guaranteed returns.

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