TART

The TartSwap Token — Whitepaper

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1 A TOKEN FOR SOFTWARE THAT ALREADY EXISTS

Most token sales fund a plan. TART is the token of a protocol that has been live on BNB Chain for months: a DEX charging real swap fees on every trade, a staking vault, LP farms, on-chain parimutuel games, an OTC desk, a marketplace and weekly on-chain governance. Every product settles on-chain and nothing is custodial. TART exists to give that working system one long-term ecosystem token — with a supply, an emission curve and a set of locks that anyone can verify without trusting a single sentence of this document.

That last part is the design principle of everything below: **wherever a claim can be enforced by a contract, it is**, and wherever it cannot, we say so plainly.

The protocol today — and TART's job in it

LIVE PRODUCT	WHAT IT DOES	WHERE TART FITS
Swap (DEX)	Instant swaps, 0.35% fee on every trade	TART/BNB is the flagship pair; every trade feeds the auto-LP and buyback lanes (§2, §6)
Staking vault & LP farms	Single-stake and LP reward pools, live for months	The 3B emission budget streams to TART stake and TART/BNB LP pools (§5)
On-chain games	Parimutuel games — winners split the pool, no house	Game fees feed the ecosystem's weekly buyback governance
OTC desk & marketplace	Peer-to-peer size trades and listings, fee-exempt for TART	Untaxed venue for large TART positions
Weekly governance	Stake-weighted on-chain vote directs weekly buybacks	The template TART's own governance phase inherits

TART is not a product promise — it is the meter of a machine that is already running: fees in, emissions out, burns forever.

2 THE TOKEN CONTRACT: MINIMAL, FIXED, VERIFIED

TART is deliberately conservative: a minimal tax-token contract with fixed parameters, no proxy, no upgrade path and no privileged mint — deployed once, source-verified on BscScan, and never changeable afterwards. Everything the token does is visible in that one verified file.

The contract in four hard facts:

- **Supply:** 10,000,000,000 TART (9 decimals), minted once in the constructor. There is no mint function — not restricted, not paused: absent.
- **Trading tax:** 5% on buys and sells — 1% auto-liquidity + 4% treasury lane (rebalanced 2026-09-02; was 2% + 3%). Wallet-to-wallet transfers are untaxed.

- **Hard ceiling:** every fee setter rejects anything above **10%** — a `require()` in the contract, not a policy.
- **Wallets:** the owner and treasury constants point at TartSwap wallets.

What the tax does, mechanically. The 1% liquidity lane is paired and its LP is minted directly to the dead address — permanently unredeemable, deepening the pool with every trade. The 4% lane is sold to BNB and split: **three quarters market-buy TART and burn it** through the one-way buyback contract (§6), one quarter funds the treasury — reward budget, listings, market making. The protocol's own contracts — the sale, the emission lockers, the staking and farm contracts, the OTC desk — are fee-exempt, so staking and OTC trading are untaxed. **The committed endgame:** as volume matures the tax steps down to 0%, and once every fee is zero and every protocol contract is exempt, ownership of the token contract is renounced on-chain — no owner exists after that, so the 0% is frozen forever.

3 SUPPLY: WHERE THE 10 BILLION GOES

EVERY ALLOCATION BELOW SITS IN ITS OWN LABELED, VERIFIABLE CONTRACT

ALLOCATION	SHARE	TART	UNLOCK
Staking & farm rewards	30%	3,000,000,000	Two labeled emission lockers — farm 18% + staking 12% — halving every 6 months, released continuously (§5). LP farm deposits carry a 7-day stake lock during the launch period; rewards are claimable at any time
Public sale	19.68%	1,968,000,000	100% claimable at listing — no buyer vesting. Realized: the sale closed 2026-08-31 at 98.4/100 BNB (246 buyers).
Liquidity pool	7.79%	778,855,680	51% of the net raise paired at listing at 16M/BNB, LP locked **12 months** with FlokiFi Locker, moved there in the same session as finalize; the public lock page is linked on /token; tax-lane LP is minted to the dead address
Total	**100%**	**10,000,000,000**	

ALLOCATION	SHARE	TART	UNLOCK
Burned at listing	11.21%	1,121,144,320	The un-pooled remainder of the 20% liquidity reserve was sent to the dead address right after finalize (§6) — and the hourly buyback keeps growing the dead balance.
Pre-listing distributions	1.32%	132,000,000	Paid from the liquidity reserve to external wallets before listing — unlocked, circulating from day one.
Treasury	15%	1,500,000,000	**Not time-locked** — held in a project wallet and counted as circulating from listing day; funds listings, market making and operations
Team	10%	1,000,000,000	**Not time-locked** — held in a project wallet and counted as circulating from listing day
Community airdrop	5%	500,000,000	Active CREPE stakers pro-rata + hand-picked contributors; VESTED — 25% claimable at listing, then 25% per 30 days
Total	**100%**	**10,000,000,000**	

One contract per purpose — on purpose

Each locked allocation lives in its **own, labeled contract**: the two emission lockers, the sale contract, the airdrop distributor. A block-explorer holders list therefore reads as a set of named, purpose-sized locks — the largest is the 18% farm-emissions locker — instead of one unexplained whale, and every lock can be watched independently. This mirrors how established protocols (Uniswap, Curve) custody team and treasury allocations: on-chain, per purpose, verifiable, never split across anonymous wallets.

> **Team and treasury are not time-locked, and we say so plainly.** Those 25% sit in project wallets, are spendable at any time, and are counted as circulating supply from day one in every table in this paper — no cliff, no vesting schedule, nothing to wait for. Price them in when you value the token. What they can never do is *grow*: the 30% reward budget lives in emission contracts with no withdraw, no sweep and no rescue, so not one emitted token can ever be redirected to the team.

Circulating supply, year by year

Cumulative unlocked share of the *total supply* at each checkpoint. Emissions count as released to the reward pools; liquidity counts the launch pool only (7.79% at listing — 51% of the net raise at the listing rate). The un-pooled remainder of the liquidity reserve (**11.21% of supply**) was burned right after finalize, so circulating supply can never exceed **≈88.8%** of what was minted.

ALLOCATION	LISTING	MONTH 3	MONTH 6	YEAR 1	YEAR 2	YEAR 3
Public sale	19.68%	19.68%	19.68%	19.68%	19.68%	19.68%
Liquidity pool	7.79%	7.79%	7.79%	7.79%	7.79%	7.79%
Pre-listing distributions	1.32%	1.32%	1.32%	1.32%	1.32%	1.32%
Burned at listing *(never circulates)*	0%	0%	0%	0%	0%	0%
Rewards (emissions)	0%	7.5%	15%	22.5%	28.1%	29.5%
Treasury *(not locked)*	15%	15%	15%	15%	15%	15%
Team *(not locked)*	10%	10%	10%	10%	10%	10%
Community airdrop	1.25%	5%	5%	5%	5%	5%
Total circulating	**55.0%**	**66.3%**	**73.8%**	**81.3%**	**86.9%**	**88.3%**

4 THE PUBLIC SALE

WHITELIST OF 250 · ONE 0.4 BNB TICKET EACH · EVERY EXIT PATH REFUNDS IN BNB

PARAMETER	VALUE
Presale opens	**August 29, 2026 — 18:00 UTC**
Presale closes	**August 31, 2026 — 18:00 UTC** (48-hour window)
PancakeSwap listing	**August 31, 2026 — 19:00 UTC** — finalize, liquidity add and the FlokiFi LP lock run in the same session, one hour after close
Raise currency	Native BNB
Soft cap / hard cap	50 BNB / 100 BNB

PARAMETER	VALUE
Ticket	Fixed 0.4 BNB per wallet (min = max — one equal ticket each, no whale tickets)
Sale price	1 BNB = 20,000,000 TART — a 0.4 BNB ticket buys 8,000,000 TART
Listing price	1 BNB = 16,000,000 TART — the pool opens at a **25% higher price** than the sale
Whitelist discount	Sale buyers get 25% more TART per BNB than the listing pool pays out — equivalently, the sale is priced 20% below listing. The 8M-TART ticket is worth 0.5 BNB at the listing price.
Valuation at listing	**Market cap ≈ 339 BNB** (the 54.2% of supply circulating on day one, team and treasury included). Fully diluted valuation is 625 BNB — the figure that values the entire 10B supply, the rest of which is locked in the emission contracts or burned.
Access	Whitelist — 250 spots + reserve queue (on-chain, publicly checkable)
Liquidity	51% of the net raise, added automatically at finalize; the remaining 49% funds marketing and operations
LP lock	**12 months at FlokiFi Locker** — at finalize the LP leaves the sale contract and is locked with a third-party locker in the same session, so the lock has a public page anyone can check; the link is shown live on /token
Buyer vesting	None — the full allocation is claimable the moment the sale finalizes

The sale runs on TartSwap's own sale contract, not an external launchpad. Its design invariant: **the raise can only ever move to refunds, the fee treasury, the liquidity pair, or the sale owner — and the last three only when the sale provably succeeded.** If the soft cap is missed, refunds open immediately. If the sale is cancelled, refunds open. If it is never finalized within the grace window, finalization is disabled forever and refunds open. Every exit returns the full contribution in BNB with no deadline.

At finalize, the contract itself pairs 51% of the net raise with TART at the listing rate on PancakeSwap V2 and hands the LP straight to a third-party locker, where it is locked for **12 months** — listing is a contract action, not a promise. Claimed TART can be staked in the same flow ("Claim & Stake"), so tokens can earn from day one.

Listing day, in order

finalize() — anyone may call it once the sale succeeds: 51% of the net raise is paired with TART at the listing price and the LP is moved to FlokiFi Locker for 12 months in the same session; the 3% platform fee lands in the fee treasury; the remaining 49% BNB funds marketing and operations.

Reserve burn — the un-pooled remainder of the liquidity reserve — 1,121,144,320 TART (11.21% of supply) — was sent to the dead address in one public transaction (§6).

Buyer claims open — the full allocation at once, with "Claim & Stake" available from the first claim.

Airdrop vesting starts — 25% claimable immediately, then 25% per 30 days (§8).

Reward pools open — the emission lockers start their halving clocks and the TART stake + TART/BNB farm pools go live (§5).

The burn dashboard goes live — every figure above becomes a number anyone can watch on /token, read directly from the chain.

5 EMISSIONS: A CURVE NOBODY CAN TOUCH

The 3B reward budget sits in **two purpose-labeled emission lockers** — Farm Emissions (1.8B) and Staking Emissions (1.2B) — each with **no withdraw, no sweep and no rescue function**. They emit along a halving curve fixed at deployment:

- **First six months:** ≈8.33M TART per day combined — 5M to the LP farm, ≈3.33M to staking.
- **Every 6 months the rate halves** — forever. The geometric series converges to exactly the 3B budget; each contract reports its full scheduled emission on-chain.
- **Anyone can trigger a release.** The release function is permissionless: it integrates the curve since the last call and pushes the accrued amount to the reward pools. Nobody — including the team — can accelerate it.
- **Retargeting is timelocked.** Changing which pools receive emissions takes a 7-day public delay. There is no fast path.

PERIOD	WINDOW (FROM LISTING)	RATE / DAY	EMITTED	CUMULATIVE	SHARE OF BUDGET
H1	Listing day → month 6	8.33M	1.500B	1.500B	
H2	Month 6 → 12 *(1st halving)*	4.17M	0.750B	2.250B	
H3	Month 12 → 18 *(2nd halving)*	2.08M	0.375B	2.625B	
H4	Month 18 → 24 *(3rd halving)*	1.04M	0.188B	2.813B	
H5	Month 24 → 30 *(4th halving)*	0.52M	0.094B	2.906B	
H6+	Month 30 onward	halving…	→	→ 3.000B	

The halving clocks started the moment the lockers deployed (August 23, 2026), and every boundary is a fixed on-chain timestamp from then on — the /token page shows the exact calendar dates and a live countdown to the next halving, read straight from the chain. The stretch is deliberate: only 75% of the budget is emitted in year one, so meaningful staking and farming rewards keep flowing well into years three and four instead of burning out in a single launch year.

Where TART earns

Emissions flow to pools on the staking and farm contracts that already run the CREPE pools on mainnet — added as new pools, touching nothing that exists. The split is structural, not a dial: **the farm locker (60%) feeds the TART/BNB LP farm, the staking locker (40%) feeds single-sided TART staking** — liquidity providers carry price risk, so the deeper reward goes to the side that deepens the pool.

APR is emergent, not promised. Each pool's yield is simply the emission rate divided by what is staked, both public on-chain at all times. The app displays the live figure and the halving calendar; nobody sets an "APY number", and nobody can intervene in the curve that drives it. And the curve caps inflation by construction: the budget can never exceed 3B, the rate only ever falls, and the buyback machine and auto-LP lane burn against it continuously (§6) — so net supply pressure declines with every halving.

6 BUYBACK & BURN: A ONE-WAY MACHINE

TART's deflation is not a policy — it is a contract with no reverse gear. The buyback burner is a standalone contract with **no owner, no withdraw, no sweep and no rescue**: BNB that enters it can leave in exactly one form — TART bought at market price and transferred to the dead address in the same transaction. Anyone can fund it, and anyone can trigger it (the trigger takes a slippage floor, so it can never be tricked into buying a manipulated price).

Where the fuel comes from, and when it fires

- **Fuel:** three quarters of the 4% treasury lane's BNB flow to the burner; the remaining quarter funds the treasury. The split is executed by a scheduler that holds nothing back — its wallet only ever carries the flow in transit.
- **Cadence — hybrid:** the pot is checked hourly. A burn fires **immediately** when the buyback pot reaches **0.2 BNB**, and in quiet weeks at least **once every 24 hours** whenever it holds at least 0.02 BNB. Volume spikes burn within the hour; slow days still burn daily.
- **It outlives the tax.** Because the burner is permissionless and fundable by anyone, buybacks can continue after the tax steps down to 0% and ownership is renounced — the treasury (or anyone at all) simply sends BNB to the same address.
- **Live proof:** the contract keeps public cumulative counters — BNB spent, TART burned, burn count, last burn — and the /token page renders them straight from the chain next to the dead address's balance.

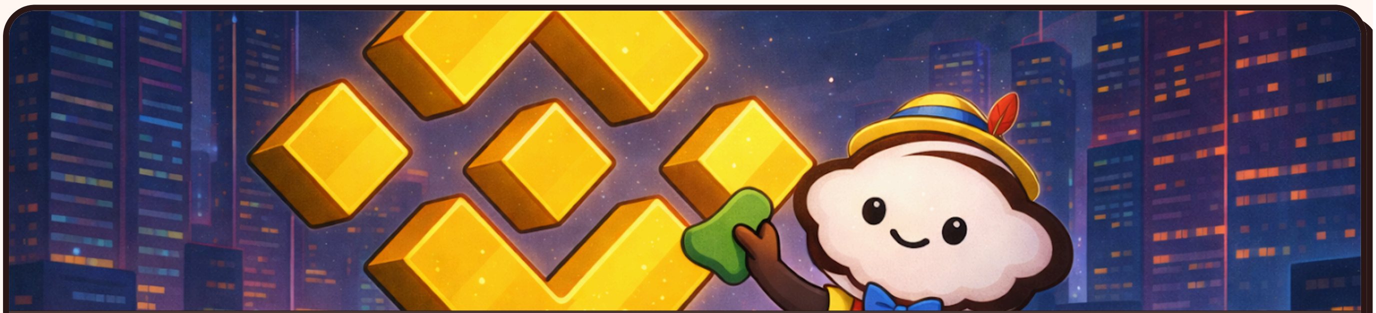
The launch burn. At finalize, once the 51% liquidity leg is pooled and locked, the un-pooled remainder of the liquidity reserve — **1,121,144,320 TART, 11.21% of total supply** — was sent to the dead address in one public transaction. From that moment the only TART the team can ever hold is the 25% it started with (team 10% + treasury 15%), held in project wallets and already counted as circulating from day one — and circulating supply is capped near 88.8% forever, because the reward budget can never leave its contracts except as emissions.

7 WHAT THE OWNER CANNOT DO

- **Empty the buyback burner:** impossible — it has no owner and no withdraw; BNB in, burned TART out is the only path through it.
- **Mint:** impossible — the function does not exist.
- **Raise the tax above 10%:** impossible — rejected by a `require()`.
- **Take back an airdrop allocation:** impossible once vesting starts — an entry can only be raised, never lowered, and never below what is already claimed.
- **Withdraw the reward budget:** impossible — the locker has no exit function.
- **Accelerate emissions:** impossible — the curve is fixed at deployment.
- **Move the sale raise:** impossible outside finalize's fixed split; buyers can always exit to a full refund if the sale does not complete.
- **Unlock the sale LP early:** impossible — the withdraw reverts before the 12-month timestamp. Dead-address LP is beyond even that: unredeemable by anyone.

And then the owner removes itself. The committed endgame: fees step down to 0% as volume matures; once every fee is zero and every protocol contract is fee-exempt, ownership of the token contract is renounced on-chain. From that block onward there is no owner at all — the fee settings are frozen at zero forever, and the renounce transaction is public proof.

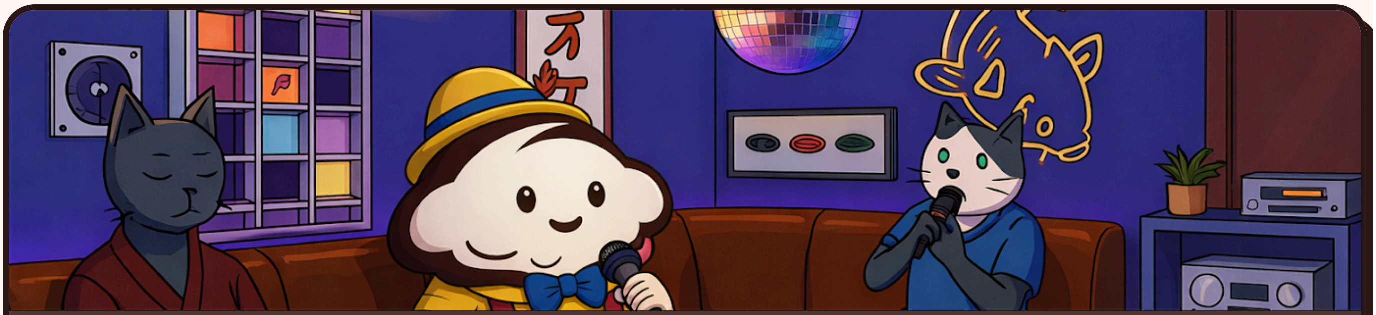
What the owner *can* do is deliberately narrow and visible: tune fees within the 10% ceiling, manage the whitelist before listing, queue (with a 7-day public delay) which pools receive emissions, and operate the treasury. All contract addresses are published in §9 and labeled on BscScan, and the /token page renders the locks live from the chain.



LOCKS, CEILINGS AND REFUSALS — ENFORCED BY CONTRACTS, NOT PROMISES

8 TART AND CREPE

TART does not replace CREPE and there is no migration. Every live CREPE pool — staking, the LP farm, the vault and the swap-fee flywheel — keeps operating on the same contracts with the same rewards. TART launches with its own new pools alongside them, and 5% of the TART supply goes to the community that built this: wallets actively staking CREPE pro-rata, plus hand-picked contributors added by the team. The airdrop is **vested so nobody dumps on day one** — 25% claimable at listing, then a further 25% every 30 days, through a claim contract whose roster, schedule and per-wallet progress the /token page renders straight from the chain.



ONE ECOSYSTEM, TWO TOKENS — CREPE KEEPS EVERY POOL IT HAS TODAY

9 CONTRACT ADDRESSES

The complete TART stack is deployed and **source-verified on BNB Chain** (chain id 56). Every address below links to BscScan, and the /token page renders the same set live from the chain. **Verify against this table before sending anything** — no address circulating anywhere else should be trusted.

CONTRACT	ADDRESS (BSCSCAN)
TART token	`0x7AB8d02CBb51Ff7223fDe700eAaa2a91Bf750314`
Public sale (§4)	`0x7FbE324eBA6FA8EDE908ada215bd30AB137278B8`
TART/WBNB pair — PancakeSwap V2	`0x30000a407FabeBe29439F8E437050512fF6661bE`
Buyback burner (§6)	`0x7EFa5c25C1A18b020e1d15725EAd25bDd8B32308`
Staking vault	`0x038C92ac8269c9A648BA06e434056706Bc7832cE`
TART/BNB LP farm	`0x4f6Eb30a521E5F5FDE2BD433cDc805962902F316`
Farm emissions locker — 1.8B (§5)	`0x2a9cC2df5F17d8f0553C41d43ea85C823CB0C3d8`
Staking emissions locker — 1.2B (§5)	`0x1113966aCD804959908a4003626b96497E2f6D01`
Community airdrop — vested (§8)	`0x09d200E038b7064a1C8526Ad1f4bAA4acCdf3D01`
Buyback keeper — hot wallet, holds only flow in transit (§6)	`0x56e61F59f9A6A311a1e7ae2442BE0004608b9e69`

10 RISK STATEMENT

This document describes the parameters and contract mechanics of a token sale and an emission schedule. It is not investment advice, and it is not an offer in any jurisdiction where such an offer would require registration. Token prices can fall to zero; on-chain systems carry smart contract risk even when the code is verified and tested; yields shown by the app are variable outputs of an emission curve and stake sizes, not promises. Only contribute what you can afford to lose, and verify every contract address against §9 and the official TartSwap channels before sending anything.
