

# GENESIScoin (GENc)



## Technical Mechanics

### Pre-Sale System

- **Supply:** 33B GENc
- **Stages:** 5, with progressive pricing and bonuses up to +15%
  - **Stage 1:** 0.0001 USD / GENc (+4% bonus) – no time limit (until sold out)
  - **Stage 2:** 0.0002 USD / GENc (+8% bonus) – duration: **50 days**
  - **Stage 3:** 0.0003 USD / GENc (+9% bonus) – duration: **50 days**
  - **Stage 4:** 0.0004 USD / GENc (+10% bonus) – duration: **50 days**
  - **Stage 5:** 0.0005 USD / GENc (+15% bonus) – no time limit (until sold out)
- **Limits (applied only during Pre-Sale, no tax):**
  - Max purchase: **500M GENc** per transaction
  - Max wallet: **1B GENc** (1% of total supply)
- **Unsold tokens redistributed automatically (on-chain):**
  - 15% → Liquidity Pool
  - 15% → Burn
  - 15% → TeamG
  - 15% → Community
  - 35% → Dividend
  - 5% → DevG

- **Funds distribution (BNB):** All collected funds are **redistributed once every 24h** across:
  - DevG (10%)
  - TeamG (10%)
  - Liquidity Pool (50%)
  - Marketing (6%)
  - Community (5%)
  - SecureAudit (7%)
  - LevelUpVision (7%)
  - Project Expansion (5%)
- **Automation:** Distributions are executed trustlessly by the **Oracle bot**, which triggers `distributeFunds( )` every **86400 seconds** (24h)

## B100D Loyalty & Final Bonus – Full Scheme

### Overview

A 100-day loyalty program with daily GENc payouts and a proportional final bonus. Eligibility and activity are tracked on-chain, enforced by bots and oracle automation.

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### 1. Eligibility & Registration

- Requirement:  $\geq$  **15,000,000 GENc** balance.
  - Fee: **0.1 BNB** → routed to GENc Gas Reserve.
  - Registration available only in Stage 5 of Pre-Sale.
  - On registration:
    - `b100dParticipants[user]` created with `initialHold` and `isActive = true`.
    - Event `B100DRegistered` emitted.
    - `B100DBot` records user + `initialHold`.
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## 2. Monitoring & Eject Logic

- **B100DBot:**
    - Subscribes to all `Transfer` events for registered addresses.
    - Verifies `balanceOf(user) ≥ initialHold`.
    - If `balance < initialHold` → calls `ejectFromWhitelist(user)`.
  - **Contract effect:**
    - Sets `isActive = false`.
    - Emits `RemovedFromB100DWhitelist(user)`.
    - User excluded from further daily payouts and Final Bonus.
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## 3. Daily Payouts

- **Trigger:** Oracle calls `triggerDailyB100DPayout()` once per day.
  - **Distribution:**
    - **15,000 GENc** per active participant.
    - Executed in batches of 50 users for gas safety.
    - If transfer fails → `ClaimFailed` event emitted.
  - **Progression:** after all users processed → `B100DDayCompleted(day)` emitted.
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## 4. Final Bonus

- **Trigger:** after **day 100**, `FinalBBot` calls `triggerFinalBonusDistribution()`.
- **Eligibility:** only users with `isActive = true`.
- **Calculation:**
  - Contract sums all `initialHold` of active users.
  - User's share =  $(\text{initialHold} \div \text{totalInitialHoldActive}) \times \text{remaining B100D pool}$ .
- **Completion:**
  - When all eligible processed → `FinalBonusCompleted()` emitted.
  - Users flagged in `finalBonusClaimed` cannot double-claim.

- **Distribution:**
  - Batched (max 75 users per tx).
  - Each transfer reduces the B100D pool.
  - `FinalBonusDistributed(user, amount)` logged.

## Public Sale + Daily Bonus

- **Phase 1 (Days 1–100):**
  - Minimum buy: **200,000 GENc**
  - Daily bonus: **100,000 GENc**
  - Daily cap: **100 wallets/day**
  - Unused bonuses are stored in the Bonus Pool
- **Phase 2 (Days 101–200):**
  - Minimum buy: **300,000 GENc**
  - Daily bonus: **150,000 GENc**
  - Daily cap: **75 wallets/day**
  - Unused bonuses are stored in the Bonus Pool
- **Phase 3 (Days 201–300):**
  - Minimum buy: **500,000 GENc**
  - Daily bonus: **200,000 GENc**
  - Daily cap: **50 wallets/day**
  - Unused bonuses are **stored in the Bonus Pool**
- **Phase 4 (Day 301 → until Bonus Pool exhausted):**
  - Minimum buy: **700,000 GENc**
  - Daily bonus: **300,000 GENc**
  - Daily cap: **25 wallets/day**
  - From this point, the **Bonus Pool is gradually distributed** together with the daily allocation.
  - **No expiry** – the system continues until the pool is fully depleted.

# Dividend System

- **DividendGENc Pool**

- Minimum holding requirement: **5,000,000 GENc**
- **Cycle length:** **21–28 days** (randomized by DividendVerifier).
- **Progressive combo:** Starts at **2%**, increases by **+1%** every 2 completed cycles, capped at **~10%**.
- **HoldProof enforced:** If balance drops below required threshold during a cycle, the address is removed and receives no payout.
- **+151% Rule:** If a holder's balance increases by  $\geq 151\%$  compared to the current `initialHold` during an active cycle, the system updates `initialHold` immediately. All subsequent payouts (even in the same cycle) are calculated against this new updated threshold.

- **Rewards (BNB)**

- Integrated directly into the **GENc Token tax logic**.
  - Funded and distributed automatically in **BNB** from transaction taxes.
  - Minimum holding requirement: **10,000,000 GENc**.
  - Operates as a **standard dividend distribution system**, fully independent from the DividendGENc pool.
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# Airdrop System

- **Management**

- Controlled by **airT tracker** and **airdropConsole CLI**.
- `airT` maintains the `trackedHolders.json` file with all eligible addresses.

- **Entry Requirement**

- Minimum balance: **100,000 GENc** to participate.

- **Distribution Modes (via CLI)**

- **Proportional mode:**

- Each eligible wallet receives a share of the pool proportional to its GENc balance.
    - Formula:  $(\text{userBalance} \div \text{totalEligibleBalance}) \times \text{airdropPoolGENc}$ .

- **Fixed mode:**

- Each eligible wallet receives the same fixed amount.
    - Requires that the pool has sufficient balance before execution.

- **Pools**

- **Pre-Sale Airdrop:** up to **1.5B GENc**, unlocked progressively across 5 stages (minimum **600M guaranteed**).
  - **Milestone Holders Airdrop:** up to **1.0B GENc**, unlocked at holder-count milestones (500 → 5K holders).
  - **Additional Allocation:** up to **2.5B GENc** reserved (DAO or future events; distribution logic TBD).
  - **Total Airdrop Allocation:** **5.0B GENc**.

- **Automation & Batching**

- Distributions are executed in **batches of up to 200 addresses per transaction** for gas safety.
  - All executed distributions are logged in `airdropLog.json`.

- **On-Chain Logic**

- Uses `airdropByList(recipients, amounts)` in the **PublicSaleGENc contract**.
  - Pool status tracked via `airdropPoolGENc()`.