

# Tokenomics & Economic Model

*A Decentralized Initiative for Art, Technology & Collective Memory*

We're building a decentralized initiative where every token and action contributes to preserving digital and physical heritage. Our mission is to align real-world activation with Web3 culture, staking, and long-term impact.

*Global Park DAO | April 2025*

## 1. Introduction

GPARK is not an investment token, but a utility asset at the core of the architectural design of a decentralized cultural space. It is intended for activation, participation, governance, and coordination within the Global Park DAO ecosystem.

This document outlines the economic model of the GPARK token, its distribution, usage principles, and sustainable growth mechanisms aligned with DAO operations.

In the context of decentralized governance and the absence of centralized issuance, GPARK tokenomics is built on the following principles:

- **Scarcity:** The total token supply is permanently capped at 21 million GPARK. No additional issuance is possible.
- **Transparency:** Token distribution, vesting schedules, and treasury actions are fully verifiable on-chain.
- **Participation over profit:** The token does not offer financial guarantees and serves instead as a tool for cultural activation and network coordination.

- **DAO as the center of trust:** Token and treasury management are executed via smart contracts, Snapshot voting, and public DAO infrastructure.

This document is intended for partners, exchanges, grant organizations, institutional stakeholders, and anyone interacting with GPARK as a Web3 coordination tool – not as a speculative asset.

## **2. Purpose and Nature of the GPARK Token**

The GPARK token was created as a key to accessing the architecture of the Global Park project. It is not a security, an investment instrument, or a passive income vehicle. Its role is to enable participation, activate features, and support the DAO economy through direct interaction with the ecosystem.

### **Core Functions of the Token:**

- **Access to cultural and spatial infrastructure**

GPARK is used to activate NFT coordinates, access gated zones, rent IRL objects, and participate in the programmable park.

- **Participation in DAO Governance**

Token holders may initiate and vote on proposals via Snapshot, influence the DAO budget, and shape the ecosystem's evolution.

- **Staking and Proof-of-Presence mechanics**

The token is staked to gain access to voting, events, NFT drops, and future upgrades.

- **Involvement and contribution**

GPARK serves as a means to record participation in cultural initiatives, events, collaborations, and the park's digital memory.

### **Token Properties:**

- **Immutable:** The token contract does not allow for additional minting, owner changes, or admin access.

- **DAO-managed:** All significant actions involving the token (distribution, vesting, partner allocations) are carried out through DAO decisions.
- **Non-financial:** The token does not imply profit or yield, nor does it grant any ownership rights or dividends.

*GPARK is not designed for speculative trading. Its value is derived from active participation, cultural significance, and the limited access to space it enables.*

### **3. Total Supply and Emission Properties**

The total supply of GPARK tokens is strictly limited to 21,000,000 units.

This number was fixed at the time of contract deployment and cannot be increased, changed, or recreated.

This structure reflects the project's philosophy: a limited, meaningful space requires a limited and meaningful resource.

#### **Key Emission Properties:**

- **Fixed Supply:**

The contract contains no mint() function or any method of generating new tokens.

The total of 21 million GPARK is final and irreversible.

- **No Admin Access:**

The contract is built using an Ownable model, where the DAO Treasury (multisig) is the owner – not an individual. Ownership transfer is disabled.

- **No Pre-Mine or Hidden Allocations:**

Distribution and reserves are publicly defined and reflect a model approved by the DAO.

All token movements are transparent and verifiable on-chain.

- **No Inflation:**

The system does not include automatic emission mechanics (no staking rewards, farming, or inflationary loops).

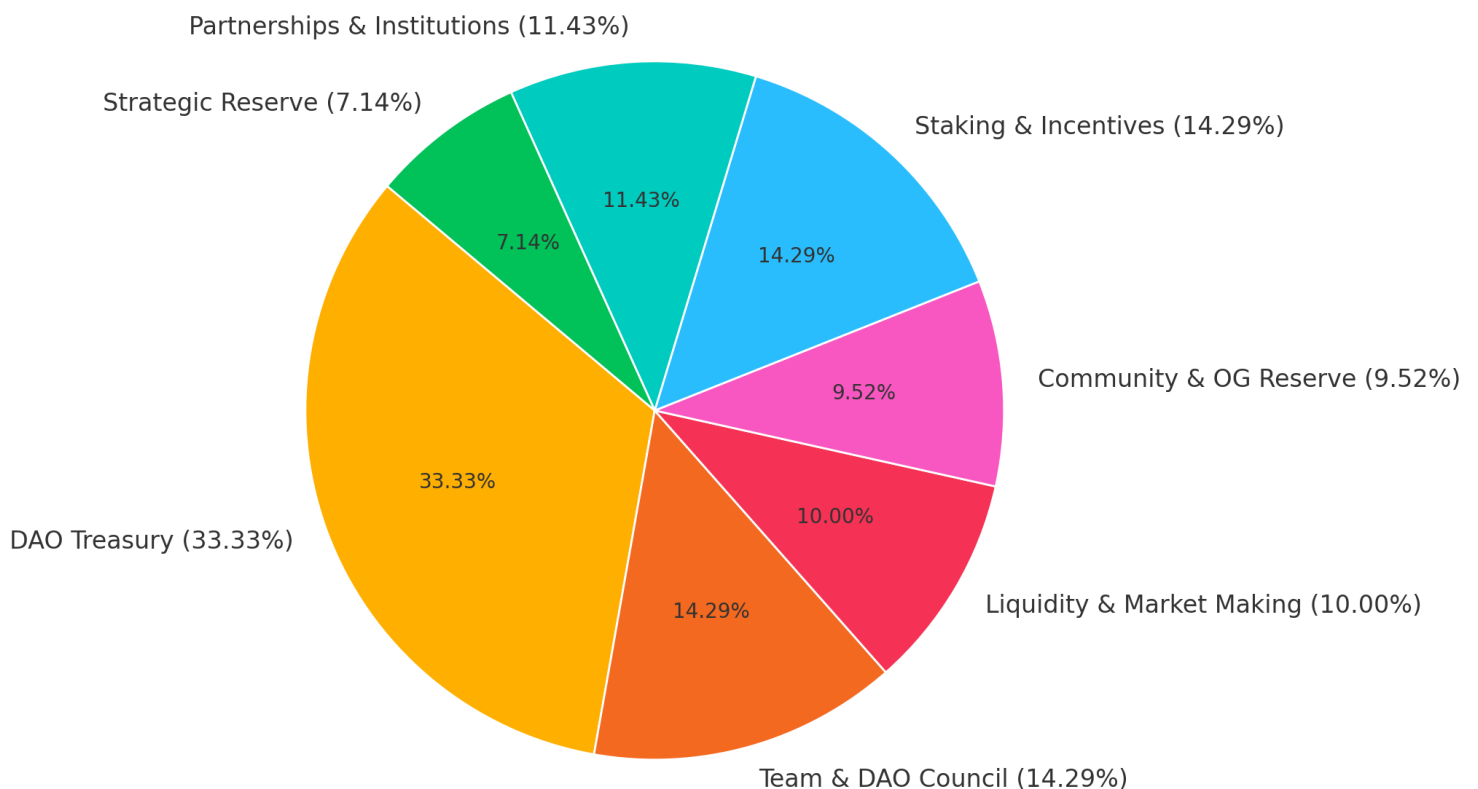
All rewards are distributed manually through DAO-approved proposals using predefined token pools.

- **DAO-Managed Distribution:**

Token allocations for initiatives can only be executed based on DAO proposals approved via Snapshot and confirmed by the Gnosis Safe.

## 4. Token Allocation

GPARK Token Allocation (21,000,000 GPARK)



The distribution of GPARK tokens is designed to support sustainability, transparency, and long-term coordination through the DAO.

All actions related to token usage are regulated by smart contracts, governed by DAO votes, and verifiably recorded on-chain.

The total token supply is fixed at 21,000,000 GPARK, with no possibility of modification.

## **4.1 Allocation Breakdown**

### **DAO Treasury – 7,000,000 GPARK (33.33%)**

The treasury serves as the primary funding source for all internal initiatives.

It supports grants, budget allocations, IRL infrastructure, and strategic programs.

Usage of these funds is permitted only through DAO vote results.

### **Core Team & DAO Council – 3,000,000 GPARK (14.29%)**

Allocated to key contributors and DAO governance members.

All tokens are fully locked as of May 1, 2025, for a period of 12 months.

Starting May 1, 2026, tokens are released linearly over 24 months at a rate of 125,000 GPARK per month until May 1, 2028.

This ensures long-term commitment and eliminates short-term speculation.

### **Liquidity & Market Making – 2,100,000 GPARK (10%)**

Allocated to ensure liquidity for centralized and decentralized exchange listings.

Funds are used to support trading pairs, stabilize price dynamics, and ensure visibility.

Spending is authorized via DAO vote or through an approved liquidity strategy.

### **Community Reserve & Early Participation – 2,000,000 GPARK (9.52%)**

Reserved for OG contributors, early supporters, and strategic community figures.

Distributions may include limitations (e.g. one token per wallet, activity-based eligibility).

This reserve is not intended for mass speculation, but as proof of presence and participation.

### **Staking & Internal Motivation – 3,000,000 GPARK (14.29%)**

Used to incentivize participation in DAO activities: staking, Proof-of-Presence, missions, voting, XP accrual, and NFT-based rewards.

Distribution from this pool is managed through DAO programs and achievement-based mechanisms.

### **Partnerships & Institutional Initiatives – 2,400,000 GPARK (11.43%)**

Reserved for collaboration with museums, foundations, cities, Web3 organizations, and cultural institutions.

Each allocation must pass a DAO vote. Tokens are typically locked for a minimum of 6 months and accompanied by public reporting.

### **Strategic Expansion Reserve – 1,500,000 GPARK (7.14%)**

No predefined use case.

Reserved for future initiatives such as module development, ecosystem tools, cross-chain integrations, etc.

May only be deployed following DAO approval.

## **4.2 Allocation Principles**

The GPARK distribution model is designed to balance long-term sustainability with openness.

### **Core principles:**

- **Decentralization Priority:**

The majority of tokens are under DAO control and accessible via proposals and governance.

DAO-first architecture is preserved.

- **Long-Term Incentives:**

Team tokens are fully frozen for one year, followed by linear vesting.

This structure encourages meaningful contribution over time.

- **Liquidity Without Dumping:**

Liquidity reserves allow for exchange listings from day one without price pressure from other token categories.

- **Activation Through Action:**

The early participation pool is not airdropped – it's earned through contributions, coordinates, and engagement.

- **Institutional Onboarding Embedded:**

A dedicated partnership pool enables serious players (museums, cities, DAOs) to join without altering core tokenomics.

- **Strategic Reserve for DAO Flexibility:**

This pool ensures future readiness – whether for smart contract upgrades, IRL activations, or cross-chain bridges.

## **5. Vesting & Token Locking**

Vesting is a key mechanism used to ensure the long-term sustainability of the GPARK ecosystem and to prevent speculative behavior.

All major token categories subject to internal allocation – such as the Core Team, DAO Council, and Partnerships – are locked by default and gradually released according to preset schedules.

## 5.1 Vesting Rules for the Team and DAO Council

**Total allocated:** 3,000,000 GPARK

**Initial lock period (cliff):** 12 months (until May 1, 2026)

**Linear release:** over 24 months, at 125,000 GPARK per month

**Full vesting complete:** May 1, 2028

**Lock enforcement:** on-chain, via DAO-owned smart contract with lockTokens() function

*These tokens cannot be transferred, sold, or used for voting during the lock period. Vesting protects the integrity of governance and ensures commitment beyond the initial phase.*

## 5.2 Lock Rules for Institutional Partners

Each institutional partnership or grant may be accompanied by a lockup period of 6 to 12 months, defined individually per case.

This avoids opportunistic behavior and aligns institutional contributors with DAO timelines and roadmap phases.

- Lock status and unlock dates must be public
- Unlock conditions must be clear and pre-approved by DAO vote

## 5.3 Technical Implementation

All locked tokens are stored in the GPARK smart contract.



The DAO (via multisig) uses the lockTokens() function to assign locks to any address, along with the unlock schedule.

To check the current status of any wallet:

- Use getUnlockedBalance(address)
- Use lockedAmount(address)
- Use getNextUnlockDate(address)

These functions are public and can be verified through block explorers or GPARK's open dashboard.

## **6. Token Utility & Use Cases**

The GPARK token is not designed for passive holding. Its value emerges only through **active participation, presence, contribution, and activation**.

GPARK is a **non-financial coordination tool** for a decentralized cultural ecosystem. Its utility model is intentionally open-ended and expandable through DAO decisions.

### **6.1 Staking & DAO Access**

**Staking unlocks governance:** Token holders must stake GPARK to participate in DAO decisions during the Autonomous Phase.

**Multi-tier system:** Staking tiers (e.g. Bronze / Silver / Gold) grant various levels of access to votes, drops, and privileges.

**XP and Status:** Staking also contributes to a user's XP score and rank within the DAO.

## **6.2 Proof-of-Presence (PoP)**

### **GPARK can be used to register physical presence:**

- Scanning QR / NFC checkpoints in the park
- Attending events, exhibitions, or meetups
- Visiting partner installations

These actions trigger NFT rewards, badges, and additional DAO privileges.

## **6.3 NFT Activation & Coordinate Ownership**

Every NFT in the GPARK system is anchored to a specific coordinate.

To activate or use an NFT:

- Payment in GPARK is required (minting, upgrade, transfer)
- Some actions may include token burn (deflationary loop)
- Coordinates may be staked, rented, or delegated

This turns tokens into infrastructure keys – controlling zones, IRL modules, and digital objects.

## **6.4 Participation in Initiatives**

### **GPARK is used as a unit of value in:**

- DAO grant applications
- Budget requests
- Contribution proposals
- Mission completions

Rewards are paid out from the Staking & Incentives pool through DAO vote or automation.

## **6.5 Contribution Recognition**

Every action – vote, proposal, event attendance, collaboration – may result in token rewards, XP accrual, or access privileges.

### **GPARK acts as:**

- a proof of contribution
- a reputation marker
- an evolving layer of identity within the DAO

## **7. Demand, Circulation & Growth Mechanics**

The GPARK token model is intentionally designed to be non-speculative, deflationary, and growth-linked to participation rather than hype.

Demand is not artificially created – it emerges organically through the real use of the ecosystem.

### **7.1 Controlled Circulation**

At launch, only a limited percentage of tokens are in circulation.

Major categories (team, partnerships, staking rewards) are locked or distributed gradually.

This ensures that early holders cannot manipulate price, and that access to governance and resources remains tied to action, not early accumulation.

## 7.2 Burn-to-Utility Mechanism

Certain actions will require burning GPARK, including:

- Upgrading NFTs
- Unlocking premium features or tools
- Accessing rare coordinates or high-tier privileges
- Submitting special DAO proposals

Burning creates a deflationary loop – tokens are removed from supply, increasing scarcity and rewarding active use.

## 7.3 Real-World Anchoring

The GPARK token is not just digital – it anchors actions in the real world.

Every object, installation, or zone created within the park requires:

- A digital coordinate
- An NFT
- A token-linked activation or proposal

This makes GPARK a scarce access key to on-chain + physical participation.

## 7.4 Multi-Phase Growth

As the project evolves, GPARK utility will expand across:

- Governance → advanced DAO modules, subDAOs, curated treasuries
- Physical presence → IRL events, cultural festivals, city DAO partnerships
- Cross-chain visibility → through bridges and integrations with other ecosystems

- Tooling and APIs → allowing projects to integrate GPARK functionality into external dApps or physical systems

## **8. Future Modules & Expansion Architecture**

The GPARK token is built on a modular architecture, allowing the ecosystem to scale and evolve without changing the core contract.

All future modules interact with the token through open interfaces (e.g., ITokenomics, IERC20, IERC721) and are governed by DAO proposals.

These modules may be activated via separate contracts and Snapshot proposals.

### **8.1 Staking Module v2**

- Long-term staking with variable APY
- NFT-based boosters (e.g., special coordinates increase yield)
- Staking used for access to closed zones and private content
- Multi-tier staking levels (Bronze / Silver / Gold)

### **8.2 Burn-to-Upgrade Engine**

- GPARK can be burned to:
- Evolve NFTs
- Gain XP and level up
- Unlock “hidden” map coordinates
- Trigger coordinate transformations
- Integrates into deflationary mechanics and gamified participation

### **8.3 NFT Integration Layer**

- All NFTs minted and traded using GPARK
- NFT = binding to a zone or object in the park
- Future capabilities:
- Coordinate renting (DAO approves terms)
- Transfer of rights via vote
- Mapping NFT to physical IRL object

### **8.4 Proof-of-Presence (PoP) Engine**

- Token freeze grants access to:
- DAO votes
- Real-world events
- NFT drops
- Check-in mechanics use geolocation, QR, or NFC
- Proofs are stored on-chain and rewarded with XP or NFTs

### **8.5 DAO Reputation & Contribution Rewards**

- XP and participation metrics reflected in ENS and Snapshot
- Proposals may carry "reputation weight"
- Top contributors receive non-transferable badges or roles
- DAO profiles evolve over time via participation

## 8.6 Buyback & Burn Loop

- DAO Treasury can allocate funds from:
- Partnerships
- Park events
- Sponsorships
- To buy GPARK on open markets and burn them
- Mechanism creates deflationary support and treasury feedback

## 8.7 Modular Governance & SubDAOs

- Possibility to create specialized subDAOs (e.g. for architecture, education, curation)
- GPARK used as a unifying token
- SubDAOs receive budget allocations based on performance and voting

Each module may be launched independently and governed through open DAO voting.

No centralized actor can activate or modify modules without community consensus.

### **GLOBAL PARK DAO**

*A Decentralized Initiative for Art, Technology & Collective Memory  
Ratified by the DAO Council*

◆ *Document issued under the authority of DAO Assembly*

