



CoinGarden: A Web-3 Gaming Ecosystem

Introduction

CoinGarden is a decentralized gaming platform built on blockchain technology, designed to empower players, developers, and creators through true ownership of in-game assets, community-driven governance, and interoperable economies. By leveraging non-fungible tokens (NFTs), smart contracts, and decentralized autonomous organizations (DAOs), CoinGarden reimagines gaming as a collaborative ecosystem where players earn, trade, and govern.

Traditional gaming platforms suffer from centralized control, opaque economies, and limited monetization for players. CoinGarden solves these challenges by:

- Enabling player-owned economies where in-game items are NFTs tradable across games.
- Rewarding players with crypto tokens (\$GRDN) for participation and skill.
- Allowing developers to launch games with built-in monetization tools and cross-platform compatibility.

Vision & Mission

Vision: To create the largest player-centric metaverse where every action generates universal value and ownership.

Mission: Democratize gaming economies through transparency, decentralization, and community governance.

Core Principles:

1. **Decentralization:** No single entity controls CoinGarden; governance is managed by \$GRDN token holders.
2. **True Ownership:** All assets (characters, skins, land) are minted as NFTs on CoinGarden's blockchain.
3. **Interoperability:** Assets move seamlessly between games built on CoinGarden's SDK.
4. **Sustainability:** A deflationary token model ensures long-term value for stakeholders.

Technology Overview

1. CoinGarden Chain

- A custom EVM-compatible blockchain optimized for gaming:
 - **Speed:** 5,000+ TPS with sub-second finality.
 - **Low Fees:** Near-zero gas costs are subsidized by the platform.
 - **NFT Standard:** CG-721 (enhanced ERC-721 with rental, upgrade, and fractional ownership features).

2. Smart Contracts

- **Asset Minting:** Developers deploy in-game items as CG-721 NFTs.
- **Tournament Pools:** Automated prize distribution via verifiable randomness (Chainlink VRF).
- **Staking:** Players stake \$GRDN to earn rewards and vote on platform upgrades.

3. Gaming Engine

- Unity/Unreal-integrated SDK for building blockchain games.
- Tools for cross-game asset compatibility, such as "NFT Blueprints" (modifiable item templates).

4. Marketplace

- A decentralized exchange (DEX) for trading NFTs and \$GRDN.
- **Royalty system:** Creators earn 5% on secondary sales forever.

Tokenomics

\$GRDN Token

- **Use Cases:**
 - Purchasing NFTs, entering tournaments, staking.
 - Governance voting (1 token = 1 vote).
 - Rewards for players, developers, and liquidity providers.

Distribution:

- Ecosystem Rewards - 30% (3,000,000,000 GRDN)
- ■ Airdrop - 25% (2,500,000,000 GRDN)
- ■ Liquidity - 20% (2,000,000,000 GRDN)
- ■ Team Allocation - 15% (1,500,000,000 GRDN)
- ■ Treasury Reserve - 10% (1,000,000,000 GRDN)

Deflationary Mechanics:

- 2% of marketplace fees burn \$GRDN tokens monthly.
- Staking reduces circulating supply.

Ecosystem Participants

1. **Players:** Earn tokens via gameplay, tournaments, and content creation.
2. **Developers:** Access grants from the CoinGarden DAO and monetize via asset sales.
3. **Creators:** Design and sell NFT skins, mods, or virtual land.
4. **Investors:** Provide liquidity to pools and earn fees.

Roadmap

Q4 2023:

- Launch CoinGarden Chain testnet.
- Partner with 10 indie game studios.

Q1 2024:

- Mainnet launch + \$GRDN token generation event.
- Release SDK v1.0.

Q3 2024:

- Alpha launch of CryptoRealms (first flagship game).
- DAO governance rollout.

2025:

- Cross-chain expansion (Polygon, Solana integration).
- 100+ games live on CoinGarden.

Conclusion

CoinGarden bridges gaming and decentralized finance, creating a future where players are stakeholders. By prioritizing ownership, interoperability, and community, we aim to onboard 10 million users by 2026. Join us in cultivating the next era of gaming.