GRIDSHIFT STUDIOS LLC

OFFICIAL WHITEPAPER: The $BDEV Economic Architecture

A Deterministic Web3 Digital Twin Real Estate Development Simulator

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WHAT IS A WHITEPAPER? (IN LAYMAN'S TERMS)
Think of a whitepaper as a master blueprint or a detailed business plan for a new technology project. Before launching a digital utility ecosystem, a whitepaper details the exact problem being solved, how the underlying technology works, how token velocity flows, and how the economic engine remains sustainable over the long term.

1. Executive Summary & Vision

Modern real estate development and urban planning lack accessible, risk-free environments for individuals to experience the complexities of multi-million dollar master-planned communities. Traditional simulation games focus purely on entertainment with zero economic reality, while real-world development is barred by immense capital entry barriers.

Gridshift Studios LLC introduces the world's first deterministic, skill-based 3D Real Estate Development Simulator powered by the $BDEV utility token. By bridging real-world engineering constraints with decentralized Web3 architecture, the platform enables players to scale operations from single commercial builds (Level 1) to sprawling master-planned communities (Level 2).

2. Core Economic & Token Metrics

The $BDEV ecosystem is governed by a strict, capped token model deployed on the Base (Ethereum Layer 2) network to ensure micro-gas fees, rapid settlement, and enterprise-grade security.

Metric Parameter	Specification	Strategic Purpose
Token Ticker	$BDEV	Universal utility token across all simulator builds.
Total Supply	800,000,000,000 (800B)	Fixed hardcap; zero future minting capability.
Tranche 1 Price	$0.0005 USD	Initial utility allocation rate for early ecosystem adopters and simulator testers.
Public Launch Price	$0.0010 USD	Target DEX listing baseline access price.
Total Ecosystem Cap	$400,000,000 USD (at $0.0005)	Baseline ecosystem supply at initial hardcap.
Blockchain Network	Base (Ethereum L2)	High throughput, low-cost institutional settlement.

3. Presale Tranches & Launch Pricing Structure

To establish early ecosystem liquidity and fund simulator development, $BDEV is distributed through a structured, multi-tranche allocation phase before public exchange listing:

Presale Phase	Price Per Token (USD)	Strategic Objective
Tranche 1 (Early Adopter Phase)	$0.00050	Initial community builder allocation and core development funding.
Tranche 2 (Early Access)	$0.00070	Expansion phase; scaling digital twin infrastructure.
Tranche 3 (Final Phase)	$0.00090	Final allocation pool prior to public DEX liquidity pairing.
Tranche 4 (Public DEX Launch)	$0.00100	Public exchange listing baseline access price.

4. Supply Distribution & Vesting Architecture

To ensure long-term stability and studio sustainability, the 800 Billion token supply is strictly allocated into cryptographic buckets, governed by smart contract locks:

Allocation Bucket	Percentage	Token Amount	Vesting Schedule
In-Game Ecosystem Allocation	40%	320 Billion	Locked in smart contracts to facilitate continuous in-game construction, digital twin interactions, and simulator progression.
Corporate Treasury	20%	160 Billion	3-month cliff, linear vesting over 24 months.
Core Team & Salaries	15%	120 Billion	12-month hard cliff, linear vesting over 36 months.
Early Adopter / Presale Allocation	15%	120 Billion	6-month cliff, linear vesting over 18 months.
Public Liquidity	10%	80 Billion	100% unlocked at launch for DEX liquidity pools.

5. The Economic Engine: Circular Treasury & Deflation

Unlike inflationary gaming economies that collapse under token dilution, $BDEV utilizes a self-sustaining Circular Treasury Model combined with automated deflation. When players expend $BDEV to purchase virtual land licenses, commercial utility components, and raw materials, smart contracts enforce a strict transaction split:

- **95% Treasury Recycling:** Spent tokens flow directly back into the In-Game Ecosystem Allocation vault. This guarantees operational runway for the studio to fund future simulator expansions, new structural assets, and community-building events without ever needing to mint new tokens.
- **5% Permanent Burn:** Tokens are routed directly to an unrecoverable dead address, permanently removing them from global circulation. As game adoption scales, this continuous burn creates organic supply scarcity.

6. Dynamic Pricing via Chainlink Oracles & Gameplay Sliding Scale

A major obstacle in Web3 gaming is market accessibility: as a network grows, new players can be priced out. $BDEV solves this by integrating a Chainlink Decentralized Price Oracle and an automated Sliding Scale Mechanism.

The Gameplay Sliding Scale Oracle:
Instead of requiring a prohibitive upfront fee, the smart contract continuously monitors $BDEV exchange rates and dynamically adjusts the token requirement to keep base gameplay entry accessible via micro-transactions. As the $BDEV network adoption scales, the oracle recalculates entry costs to require fewer tokens, preventing player exclusion while maintaining a balanced circular economy.

Project Tier	In-Game Budget	Pricing Model	Oracle Adjustment Mechanism
Level 1 (Single Build Entry)	$270,000,000	Accessible Micro-transaction	Tokens required dynamically decrease as network adoption grows.
Level 2 (Master Plan Community)	$4,200,000,000	Scaled Tier Fee	Tokens required dynamically decrease as network adoption grows.

7. Legal & Corporate Structure

Gridshift Studios LLC is structured as a standalone Wyoming Limited Liability Company. This corporate framework establishes a legal firewall, protecting intellectual property, managing digital treasury assets, and ensuring full operational compliance while isolating gaming operations from legacy physical real estate development ventures.