GRIDSHIFT STUDIOS LLC

OFFICIAL WHITEPAPER

The $VDEV Economic Architecture:

A Deterministic Web3 Digital Twin Real Estate Development Simulator

WHAT IS A WHITEPAPER? (IN LAYMAN'S TERMS)
Think of a whitepaper as a master blueprint or a detailed architectural plan for a new technology project. Before a company builds a product or launches a digital utility token, they write a whitepaper to explain the exact problem they are solving, how the technology works under the hood, how the digital economy flows, and why it benefits ecosystem participants and players. It is the definitive guide that proves the project is well-thought-out, secure, and built to function sustainably.

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 $VDEV 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 1,000+ acre master-planned communities (Level 2). **Note: $VDEV is strictly a functional utility token required to play and interact with the digital simulator game; it is not utilized for real-world asset (RWA) tokenization.**

2. Core Economic & Token Metrics

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

METRIC	PARAMETER	SPECIFICATION

Token Ticker	$VDEV	Universal utility token across all simulator builds.
Total Supply	800,000,000,000 (800B)	Fixed hardcap; zero future minting capability.
Phase 1 Seed Rate	$0.0005 USD equivalent	Baseline utility acquisition rate for early ecosystem participants.
Fully Diluted Network Value	$400,000,000 USD	Baseline network capability scale at total circulating supply.
Blockchain Network	Base (Ethereum L2)	High throughput, low-cost institutional settlement.

3. Supply Distribution & Vesting Architecture

To ensure decentralized growth, economic stability, and long-term studio sustainability, the 800 Billion token supply is strictly allocated into five cryptographic buckets, protected by audited vesting contracts.

ALLOCATION BUCKET	PERCENTAGE	TOKEN AMOUNT	VESTING SCHEDULE
In-Game Ecosystem	35%	280 Billion	Locked in vault for tournament and gameplay rewards.
Ecosystem Treasury & Growth	34.625%	277 Billion	3-month cliff, linear vesting over 24 months.
Core Team & Advisors	20%	160 Billion	5% unlocked at TGE; 95% locked for 12 months, followed by linear vesting over 36 months.
DEX Liquidity	10%	80 Billion	100% unlocked at launch for Uniswap pools.
Presale Allocation	0.375%	3 Billion	Distributed across tiers (Generates operational capital).

Core Team Allocation Structure

- **TGE Unlock (Live DEX Launch):** 5% of the core team allocation is fully unlocked and accessible at the time the token goes live on the decentralized exchange. This allows core team members to participate in the live market alongside early adopters.

- **Vesting Schedule:** The remaining 95% of the core team allocation is locked for a 12-month vesting period beginning at the live launch, with a linear release schedule thereafter.

> **Transparency Disclaimer:** VDEV tokens are currently housed in the Genesis deployment contract. To ensure maximum security, the 40% Ecosystem Rewards and the Core Team allocations are scheduled to be migrated to transparent, time-locked vaults prior to the launch of Tier 2.

4. The Economic Engine: Circular Treasury & Deflation

Unlike inflationary gaming economies that eventually collapse, $VDEV utilizes a self-sustaining Circular Treasury Model combined with automated network balancing mechanisms. When players expend $VDEV to purchase virtual land licenses, commercial utility components, and digital raw materials, smart contracts enforce a strict transaction split:

- **95% Treasury Recycling:** Spent tokens flow directly back into the In-Game Ecosystem vault. This provides sustainable operational resources to fund future tournament prize pools and platform maintenance without ever needing to mint new tokens.
- **5% Network Burn:** Tokens are routed directly to an unrecoverable dead wallet, permanently removing them from global circulation. As game adoption scales, this continuous friction serves as an economic balancing mechanism to counter in-game inflation and maintain the integrity of the simulator's economy.

5. Dynamic Pricing via Chainlink Oracles

A fatal flaw in early Web3 games is token price volatility: if a utility token fluctuates drastically in value against fiat, new players are priced out of participating, harming user acquisition.

The Oracle Solution: The simulator decouples in-game budget costs from fixed token amounts by integrating a Chainlink Decentralized Price Oracle. The game operates on a fixed real-world utility peg: $1 USD = $1,000 In-Game Budget. When a player initiates a project, the smart contract queries the live market rate of $VDEV on Uniswap in real-time and adjusts the token requirement dynamically:

PROJECT TIER	IN-GAME BUDGET	FIXED USD UTILITY VALUE	TOKENS REQUIRED AT $0.0005	TOKENS REQUIRED AT $0.05
Level 1 (Single Build)	$270,000,000	$135 USD	270,000 $VDEV	2,700 $VDEV
	$4,200,000,000	$2,100 USD	4,200,000 $VDEV	42,000 $VDEV

Level 2 (Master Plan)				

This mechanism ensures that early ecosystem participants retain their proportional utility purchasing power over time, while new retail players can always enter the ecosystem at a stable, predictable cost regardless of secondary market token conditions.

6. Legal & Corporate Structure

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