BlockRoof — Whitepaper

1. Introduction

The real estate market has always been one of the most traditional and solid forms of investment. However, access to it is limited by high entry costs, bureaucracy, and lack of liquidity. BlockRoof changes this scenario by tokenizing real properties, allowing anyone, anywhere in the world, to invest in property fractions quickly, securely, and transparently. Built on the Binance Smart Chain (BSC), the project offers traceability, global accessibility, and operational efficiency through smart contracts.

2. Problem

The traditional real estate system presents significant barriers: high entry costs, slow processes, lack of liquidity, and scarce transparency. These limitations exclude most small investors and make the acquisition and management of properties inefficient.

3. BlockRoof Solution

BlockRoof offers a disruptive solution for the real estate market by enabling physical properties to be transformed into digital assets without the involvement of companies or centralized entities. Through blockchain technology, real-world properties are converted into thousands of standardized digital tokens (BEP-20) on the Binance Smart Chain (BSC), each representing a symbolic fraction of the total asset. This allows anyone, anywhere in the world, to acquire, trade, or hold ownership fractions of properties directly, quickly, and securely.

Unlike traditional models that rely on legal entities (such as SPVs) to formalize ownership, BlockRoof operates in a fully decentralized manner. Trust in the system does not depend on intermediaries but is instead built on immutable and auditable smart contracts executed directly on-chain. The issuance, tracking, and exchange of tokens are governed by on-chain rules. Ownership in this model is symbolic and representative: tokens do not confer direct legal title over the property, but rather entitle holders to a proportional share of its appreciation or future liquidation, based on the terms defined at issuance.

The entire experience is 100% Web3: the investor interacts with the platform through a connected wallet (such as MetaMask), views the available properties via an integrated viewer, acquires tokens using stablecoins, and can freely trade them on DEXs like PancakeSwap. This process eliminates bureaucracy, reduces costs, and democratizes access to traditionally exclusive and illiquid assets.

4. Ecosystem Operation

- Property Tokenization

- Web3 interface for token viewing and purchasing
- Smart Contracts for automating transfers and distributions
- Integrated viewer with complete property data

5. BRFGEN01 Token

BlockRoof's inaugural token, representing fractions of the first tokenized property. Its total supply is 100,000 units. It is tradable via PancakeSwap, traceable on BscScan, and will serve as the basis for future profit distribution and governance access.

6. Competitive Advantages

- Global accessibility with low entry cost
- Liquidity via DEXs (like PancakeSwap)
- Full transparency in all transactions
- Elimination of traditional intermediaries
- Direct participation in the appreciation of real assets

7. Profit Model

Investors profit in two ways: (1) appreciation of the property reflected in the token value; (2) share in profits obtained from the future sale of the property, in stablecoins, via smart contracts. All income is proportional to the number of tokens held.

8. Roadmap 2025–2026

Phase 1: Official website launch (Completed)

Phase 2: First property tokenization (Completed)

Phase 3: PancakeSwap integration (Completed)

Phase 4: Web3 dashboard and property viewing (2026)

Phase 5: Profit distribution via smart contracts (2026)

Phase 6: Mobile app and international expansion (2026)

9. Contact

■ Website: https://theblockroof.com

✉■ Email: contato@theblockroof.com

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■ Network: Binance Smart Chain

■ PancakeSwap: https://pancakeswap.finance/swap?outputCurrency=0x12706A5022cA792e913d3b84ec516EA5D01D5209