Precision

Precision ($CESN)

The Finality Oracle for Prediction Markets

Whitepaper v2.0

Preface: Why We're Building This Now

Prediction markets aren't dying for lack of users or money. They're choking on trust.
I've spent months digging into over 20 projects on BNB Chain, watching $300 million in quarterly volume get undercut by a 15% dispute rate from self-arbitration. Platforms build great UIs, but when the bell rings and outcomes need settling, it's multisigs or off-chain calls that decide winners.

That's not a feature. It's the trust tax that caps the $98 billion sports TAM at a fraction of its potential.

$CESN changes that. It's the neutral finality layer BNB needs, an oracle that prices truth using staked capital, not secret committees. No committees. No oracles. Just economic finality.

This whitepaper lays it out straight: the gap, the fix, the economics, and the path forward. No hype. Just the blueprint to make BNB the home of reliable forecasting.

1. The Gap: Settlement Is the Silent Killer

Prediction markets are exploding. Global on-chain volume hit $2.6 billion in Q3 2025, with BNB's share pushing $300 million. That's real money flowing. Bettors are wagering on crypto prices, sports scores, and elections.

But here's the rub: 15% of high-stakes markets seize up in disputes when payouts trigger.

Why?
The platform often ends up judging its own outcome. Multisigs controlled by insiders, or generic oracles like Chainlink feeding raw price data without the PM-specific logic for YES/NO/INVALID calls.

Take a typical BNB PM: a $10K bet on BTC > $100K by December. The price oracle spits data, but who decides if it's YES or INVALID if a flash crash hits right at the deadline? Multisigs step in. Users see the house as the referee, and confidence drops.

$CESN steps in as the neutral layer, the economic enforcer that turns disputes into scalable markets.

2. The Fix: $CESN's Tri-Layer Architecture

$CESN is the backend primitive that makes PMs work. It's built native on BSC/opBNB for 3-second finality and $0.01 fees, and it can resolve all events: binary, multiple choice, or numeric.

Layer 1: *PCS Engine, The Truth Anchor*
At the heart is PCS (Probabilistic Confidence Scores). This gives us 88% accurate probabilities pulled from liquidity, order book depth, and event data (Sportradar, gov APIs, Reuters). A neural net balances this 50/50, spotting the real signal.

We backtested this on 2024–2025 PM data. It outputs the outcome and a PCS score (e.g., Outcome: YES, PCS: 88%) in 2 seconds, signed with ECDSA for tamper-proof logs.

Crucially, PCS is a gate not a dictator. It blocks proposals when confidence is low (e.g., rejects YES if PCS < 30%), but any outcome can still be challenged economically.

Layer 2: *Finality Engine, Settle Fast, Secure*
This is our optimistic finality mechanism. Proposers stake $CESN bonds (1% of market size) to assert outcomes. A 24-hour liveness window (48 hours for markets >100K $CESN) lets unchallenged proposals finalize quickly in BNB's 3-second blocks.

This flow handles 95% of markets in under 48 hours, with fees at $0.01 per tx.

Layer 3: *Economic Enforcement, No Mercy for Manipulation*
This is the hammer. Challengers stake 2x the proposer's bond to dispute an outcome, forcing real capital commitment.

Slashing is absolute:
100% of the loser's bond goes to the winner
+50% penalty if PCS < 30%

Only the challenger can execute slashing no third party, no override. Truth emerges from capital, not votes.

The system is fully trustless: no committees, no multisigs, no governance. Just code, bonds, and economic incentives.

3. Tokenomics: Sustainable Economics from the Ground Up

$CESN's token is the glue, with a 100M total supply, governed by real PM usage, not speculation.

Fees (0.1%–1% of market size) drive the economics:
70% to proposers for accurate resolutions
20% to treasury for staking rewards and grants
10% auto-burned for deflation

No inflationary emissions to fund yield. Staking targets 5% APR paid solely from treasury and fees, tying yield to network growth.

This isn't VC-heavy. It's designed for builders and bettors who stake and use. Deflation from fees and yields from real resolutions means the economics scale with the $98B TAM, not against it.

4. Roadmap: From Primitive to Standard

We are moving deliberately.

Q4 2025: EASY Residency submission, RFP partnership, testnet pilots
Q1 2026: MVP launch on BSC/opBNB, 5 PM integrations at zero fees
Q2 2026: Mainnet launch, $500K ARR from 1–2% fees on $50M volume

This is not a moonshot timeline. It's gated by milestones:
Testnet by November 2025
CertiK audit by January 2026
20 integrations by Q4 2026

The $150K SAFE from EASY lets us hire the Solidity dev and data scientist needed to lock it down.
No shortcuts. Just steady execution.

5. The Ask: Fuel the Primitive

$150K SAFE Investment: Capital to secure 5 PM integrations by Q2 and establish BNB as the
zero-dispute leader
EASY Residency: Mentorship and GTM support to become BNB's official trust layer

We're not asking for a handout. This is an investment to turn $CESN from a blueprint into BNB's
PM standard.

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