P2P BetChain: Trustless Wagering

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CONTENTS

PART

The Wagering Pain

01.

Traditional Betting Bottlenecks

Centralized bookmakers create systemic problems that cost bettors billions annually and erode trust in the wagering ecosystem.

High Fees & Frozen Accounts
Operators impose steep cuts, delay payouts, and can freeze funds without recourse.
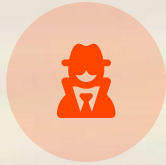
Opaque Odds Manipulation
Bettors are left in the dark as odds are shifted after bets close, undermining fairness.

Jurisdictional Restrictions
Outdated regulations exclude a global user base, limiting market growth and accessibility.

The Trust Gap: Real-World Fallout

Operator Scandals

High-profile cases of operators disappearing with user funds, creating widespread fear and skepticism.

Regulatory Freezes

Sudden asset freezes by regulators leave bettors without access to their capital, highlighting counterparty risk.

Market Stagnation

Eroded confidence pushes bettors toward informal channels, stunting growth and innovation in the market.

PART

P2P BetChain
Vision

02.

Decentralized Wagering Blueprint

BetChain replaces the bookmaker with smart contracts, creating a global, transparent, and trustless betting platform.

👥 **Users create or join peer betting pools.**

🔒 **Funds are locked on-chain, eliminating custodial risk.**

⚙️ **Outcomes trigger automatic, instant payouts.**

The Smart-Contract Workflow

1

CREATE

Creator sets event, deadline, and dynamic odds.

2

JOIN

Participants send crypto to the contract.

3

EXECUTE

Oracle feeds result, contract self-executes payout.

4

RESOLVE

Optional dispute layer with decentralized arbitration.

Core Engine

PART

03

Automated Odds & Liquidity

A constant-product bonding curve dynamically adjusts odds in real-time, ensuring liquidity and fairness.

≈ **Guaranteed Liquidity:** No need for a counterparty; the algorithm provides it.

% **Dynamic Fees:** Fees taper to zero for large pools, attracting high volume.

🛡 **Capped Downside:** Early entrants face a calculable and capped maximum loss.

Oracle & Dispute Shield

Multi-Source Oracle

Aggregates data from multiple reputable sports APIs to ensure accuracy and prevent manipulation.

- Automated data aggregation
- Source divergence threshold check
- Triggers dispute if threshold is exceeded

Dispute DAO

A decentralized jury system where token holders vote on disputed outcomes, incentivized to be truthful.

- Challenger stakes collateral
- DAO votes using staked tokens
- Economic incentive for truthful reporting

PART

Impact &
Roadmap

04.

User & Market Gains

A superior user experience and significant market potential drive adoption and growth.

💳 **Bettors keep 97% of winnings.**

⚡ **Withdrawal times drop from days to seconds .**

🌐 **Global, 24/7 access for anyone with an internet connection.**

Projected Market Impact (3 Years)

3%
Market Share

$1B
On-Chain Volume

$30M
Fee Revenue

Next Sprint Milestones

Q1 2026
Alpha on testnet with soccer markets.

Q2 2026
Add basketball & esports, integrate Chainlink oracle.

Q3 2026
Launch governance token & liquidity mining.

Q4 2026
Mainnet release, targeting 10k MAU & $5M volume.

PART

Competitive Edge

05

Web3 Differentiators

vs. Centralized Apps

🔑 **Self-Custody:** You control your funds.

✓ **Provable Fairness:** Rules are auditable code.

Programmable Payouts: Instant and automatic.

vs. DeFi Protocols

⚽ **Sports Focus:** Purely designed for sports betting.

Instant Settlement: Faster than traditional DeFi.

⚖️ **Dispute Layer:** Embedded, low-cost arbitration.

Risk Mitigation Plan

A multi-layered approach to ensure platform security, reliability, and legal compliance.

- **Smart-Contract Audits:** Conducted by leading firms like CertiK.

- **Oracle Failover:** Manual DAO vote as a backup if oracle fails.

- **Legal Compliance:** Geo-fencing and modular KYC integration.

PART

Call to Action

06

Join the BetChain Testnet

Be an early adopter and help shape the future of decentralized wagering. Your participation is rewarded.

1. Connect Wallet

Sign up to receive free test tokens.

2. Place Bets

Create or join mock bets on real events.

3. Earn Rewards

Earn POAP NFTs that convert to governance tokens.

Questions Welcome

We are ready to dive deeper into oracle economics, tokenomics, or regulatory strategy.

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THANK YOU