



# SagaStandards: Transforming Real Estate

Join the Initiative to Shape the Future





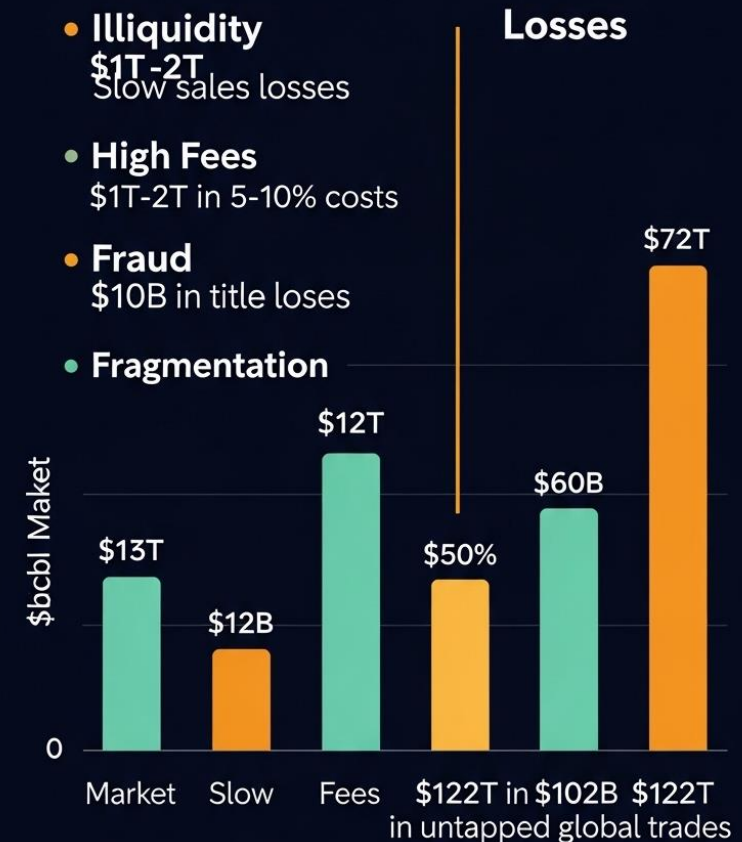
# Why Real Estate Needs Change

- ❖ Global market: \$613T, growing to \$730T by 2028.
- ❖ Challenges:
  - ❖ Illiquidity: \$1T-\$2T in slow sales losses.
  - ❖ High Fees: \$1T-\$2T in 5-10% costs.
  - ❖ Fraud: \$10B-\$20B in title losses.
  - ❖ Fragmentation: \$122T in untapped global trades.

## GLOBAL MARKET

# \$613T

Growing to \$730T by 2028

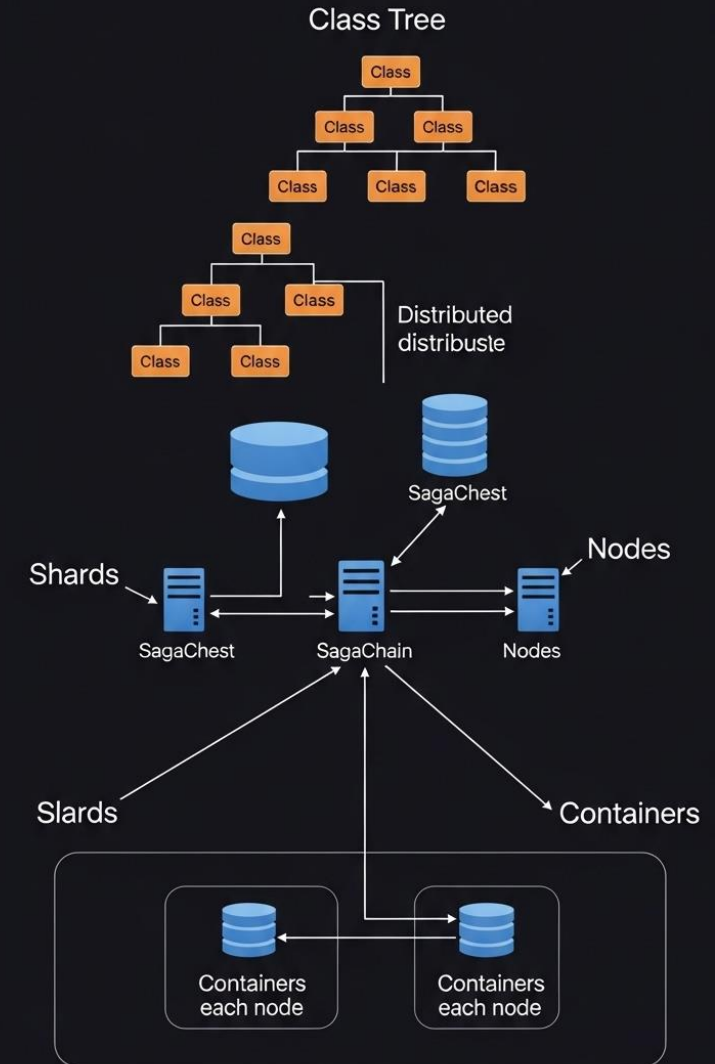




# Leading Real Estate Innovation

- ❖ Mission: Implement open standards for tokenized real estate.
- ❖ Initiative: Global class tree with OSCRE, RESO, RICS, IVSC, RETS.
- ❖ SagaChain Features:
  - ❖ Programmable Smart Assets (SagaPSA): Automated, flexible assets.
  - ❖ Persistent State: Live, auditable data.
  - ❖ Sharding: 4 shards, will scale to ~500+.
- ❖ Demo: [sagascan.prasaga.com](http://sagascan.prasaga.com).

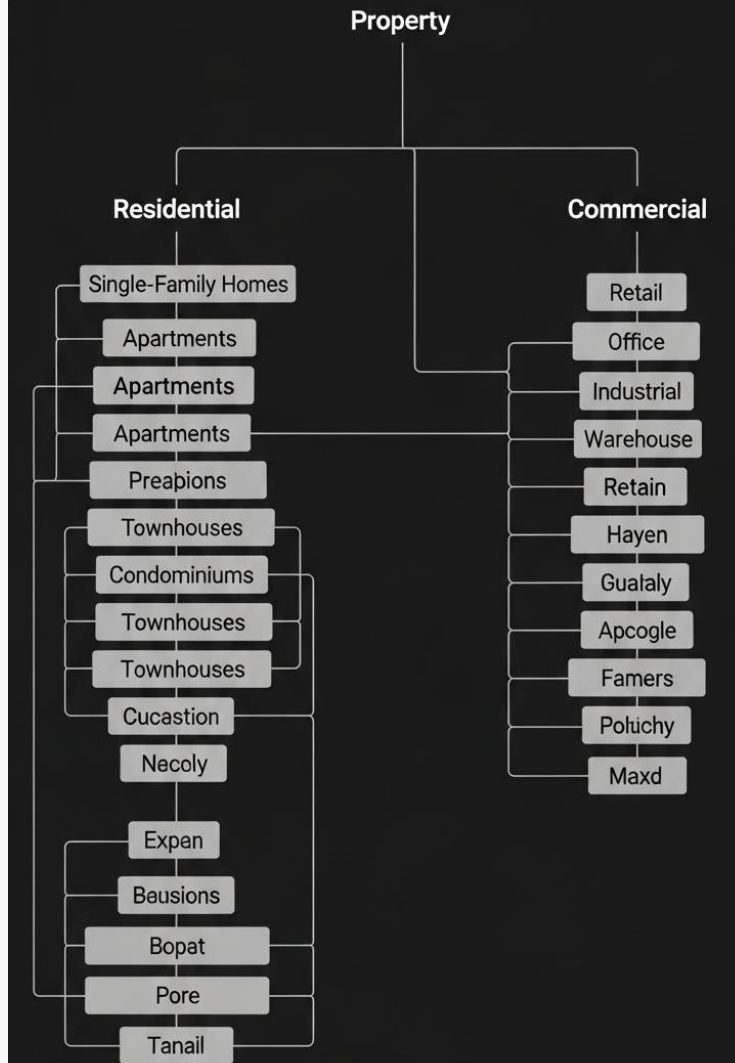
## SagaChain





# The Global Class Tree Explained

- ❖ Hierarchical schema for assets (properties, leases).
- ❖ Features:
  - ❖ Extensible: Multi-inheritable SagaPSA (e.g., “Condo”).
  - ❖ Interoperable: Aligns with SDO standards.
  - ❖ Persistent: Live data (e.g., “TitleStatus: Clear”).
- ❖ Example: “Property” → “Residential” → “Apartment”.



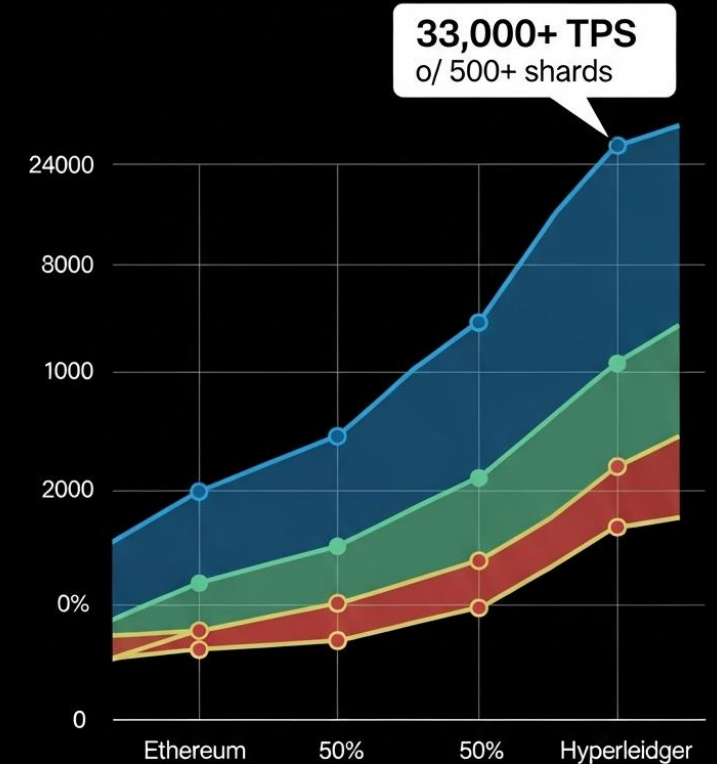


# Why SagaChain Excels

- ❖ SagaChain:
  - ❖ Up to 33k+ TPS/500+ shards on MainNet.
  - ❖ SagaPSA: Flexible, automated logic.
  - ❖ Persistent State: Real-time accuracy.
- ❖ Vs. Ethereum: Slow (30 TPS), costly.
- ❖ Vs. Solana: No object model.
- ❖ Vs. Hyperledger: Not public-scalable.
- ❖ Proof: 4-shard development public testnet demo.

## SagaChain

### Performance



### Unique Features

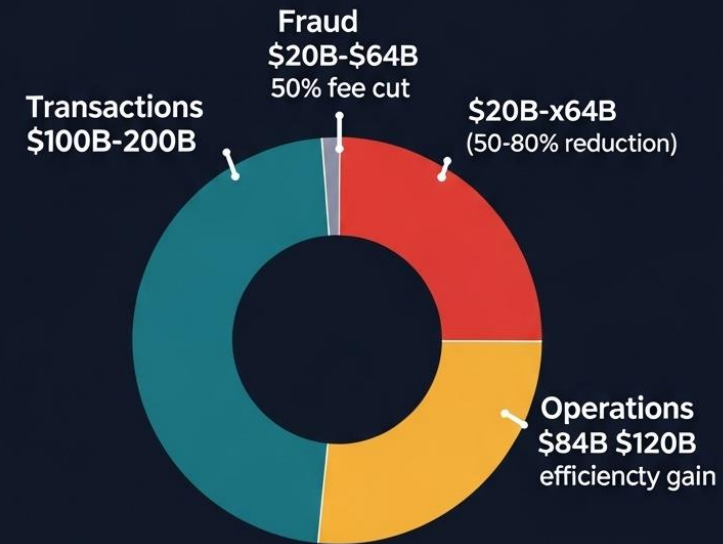
- Ethereum
- Solana
- Hyperledger
- SagaPSA
- Flexible and automatic logic system
- Persistent State real-time accuracy



# Saving \$204B-\$384B Annually

- ❖ Transactions: \$100B-\$200B (50% fee cut).
- ❖ Fraud: \$20B-\$64B (50-80% reduction).
- ❖ Operations: \$84B-\$120B (50% efficiency gain).
- ❖ Total: \$204B-\$384B savings.

**Saving  
\$204B-\$384B  
Annually**



**\$204B-\$384B  
Savings**



# Adding \$464B-\$829B in Revenue

- ❖ Liquidity: \$200B-\$400B (tokenized trades).
- ❖ Global Trades: \$122B-\$244B (cross-border).
- ❖ Financing: \$60B-\$120B (crowdfunding).
- ❖ Market Growth: \$82B-\$65B (5-10% boost).
- ❖ Total: \$668B-\$1,213B (11-20% of \$613T).

## Revenue Sources

**Liquidity-\$400B**  
(Tokenized trades)

**\$122B-\$244B**  
(Cross-border)

**Global Trades**  
(Cross-border)



**Market Growth (5-10% boost)**



**TOTAL \$668B--1,213B**  
(11-20% of \$613T)



# Transforming Communities

- ❖ Transparency: Auditable records reduce disputes.
- ❖ Access: Housing for 1B underserved.
- ❖ Sustainability: 5-10% carbon cut (1.6B tons CO2).
- ❖ Trust: 10% market participation boost.



TRANSPARENCY



ACCESS



SUSTANABILITY



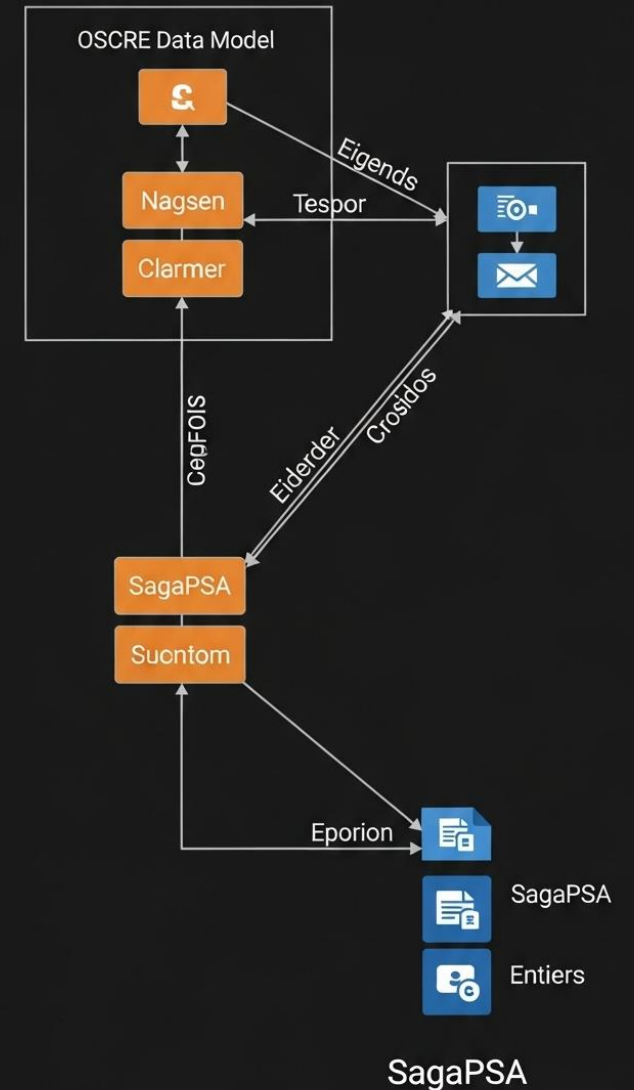
TRUST



# Partnering with OSCRE

- ❖ Role: CRE data standards (e.g., leases).
- ❖ Alignment: “CommercialProperty” PSAs.
- ❖ Impact: \$84B-\$120B operational savings.
- ❖ SagaChain: Sharding scales trades.
- ❖ Call: Shape CRE standards.

## OSCRE Data Model





# Partnering with RESO

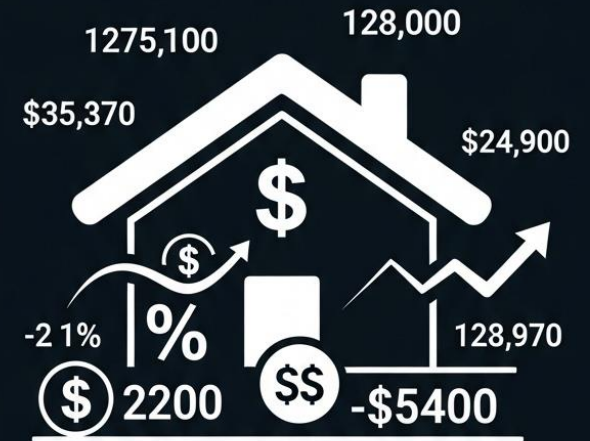
- ❖ Role: Residential data standards.
- ❖ Alignment: “ResidentialProperty” SagaPSA.
- ❖ Impact: \$20B-\$64B fraud reduction.
- ❖ SagaChain: Persistent state ensures trust.
- ❖ Call: Standardize MLS data.





# Partnering with RICS

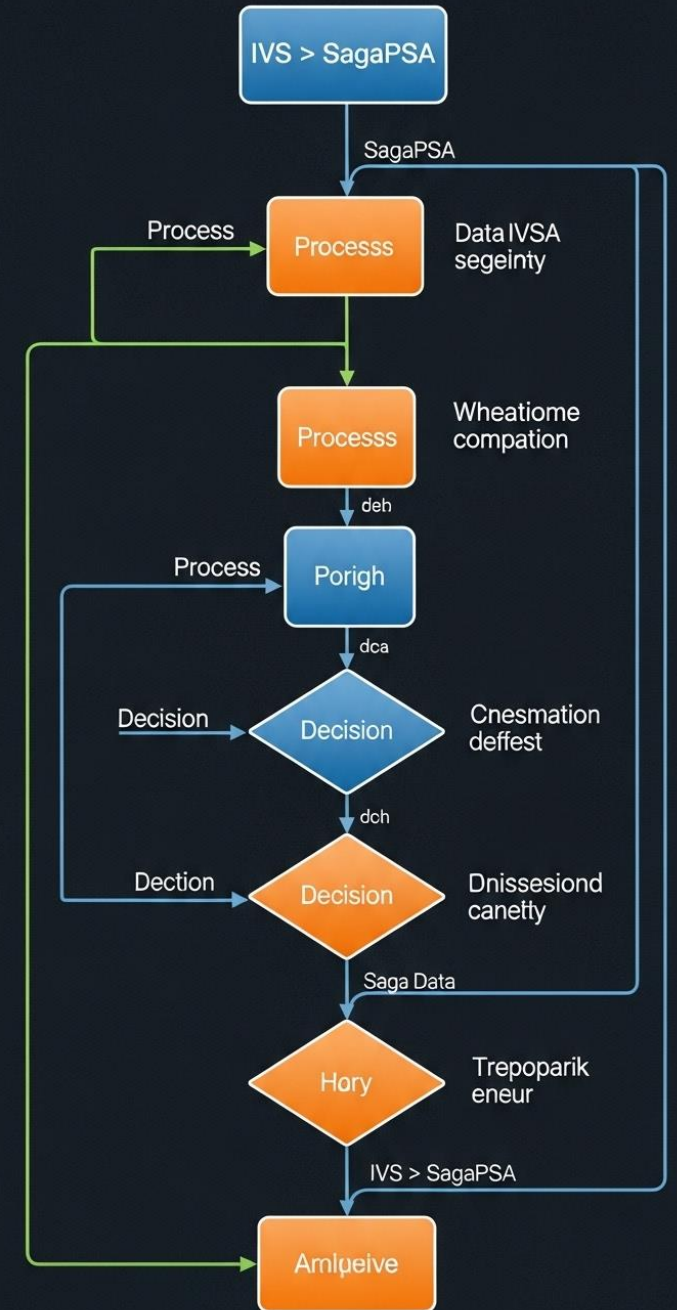
- ❖ Role: IPMS for valuation.
- ❖ Alignment: “ValuedProperty” PSAs.
- ❖ Impact: \$122B-\$244B global trade revenue.
- ❖ SagaChain: SagaScale for portability.
- ❖ Call: Standardize valuations.





# Partnering with IVSC

- ❖ Role: IVS for financial reporting.
- ❖ Alignment: “MarketValueProperty” SagaPSA.
- ❖ Impact: \$60B-\$120B financing revenue.
- ❖ SagaChain: Sharding scales audits.
- ❖ Call: Define digital valuation standards.

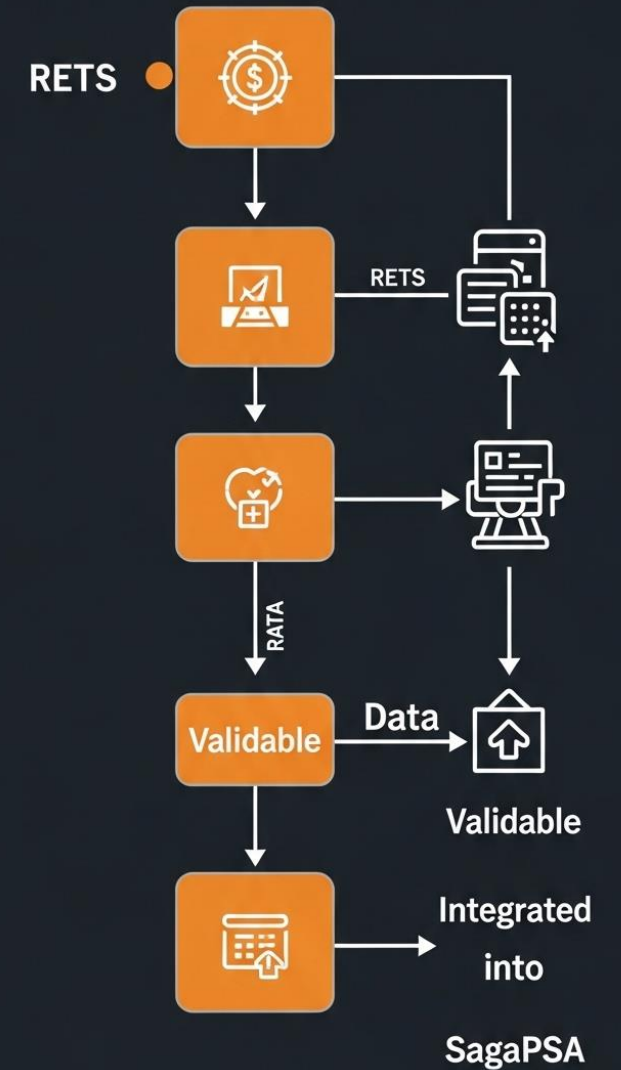




# Partnering with RETS

- ❖ Role: Legacy transaction standards.
- ❖ Alignment: “PropertyTransfer” SagaPSAs.
- ❖ Impact: \$100B-\$200B transaction savings.
- ❖ SagaChain: Bridges to modern MLS.
- ❖ Call: Support transaction standards.

## Data RETS to SagaPSA





# Why Governments Should Join

Regulation: Auditable, compliant PSAs.

- ❖ Housing: Access for 1B underserved.
- ❖ Sustainability: 1.6B tons CO2 saved.
- ❖ Economy: \$668B-\$1,213B boost.

**Savings**  
\$204B to \$384B  
Annully

**Revenue**  
\$464B - \$829B  
Revenuy





# Why Industry Should Join

- ❖ Savings: \$204B-\$384B annually.
- ❖ Revenue: \$464B-\$829B yearly.
- ❖ Innovation: Tokenized financing.
- ❖ Leadership: Pioneer \$730T market.

**Savings**  
\$204B to \$384B  
Annully

**Revenue**  
\$464B - \$829B  
Revenuy





# Why Non-Profits Should Join

- ❖ Equity: Housing for 1B underserved.
- ❖ Environment: 5-10% carbon reduction.
- ❖ Collaboration: Work with HUD, industry.
- ❖ Influence: Shape global standards.



EQUITY



ENVIRONMENT



COLLABORATION



# Working Group Vision

- ❖ Goal: Build class tree with SDOs.
- ❖ Tasks:
  - ❖ Define SagaPSA's (e.g., "Property").
  - ❖ Map to OSCRE, RESO, etc.
  - ❖ Pilot tokenized assets by Q4 2027.
- ❖ Timeline: Draft Q2 2026, adoption 2029.

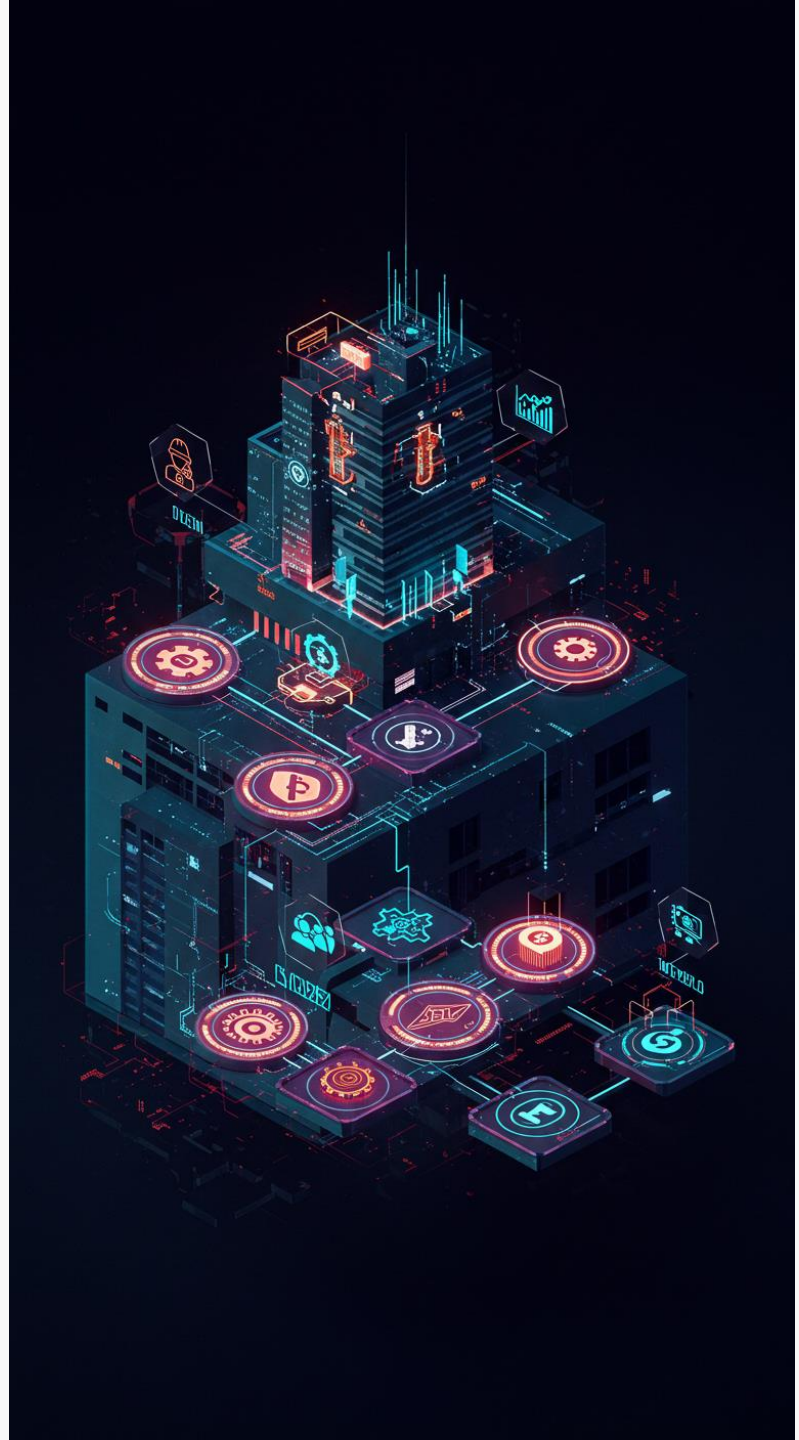
## Draft stage Roadwarp





# A Tokenized Building

- ❖ Scenario: \$100M commercial property.
- ❖ Execution: Saves \$6M-\$10M in fees, fraud.
- ❖ Revenue: \$21M from trades, financing.
- ❖ Stakeholders: Governments regulate, industry profits, non-profits expand access.

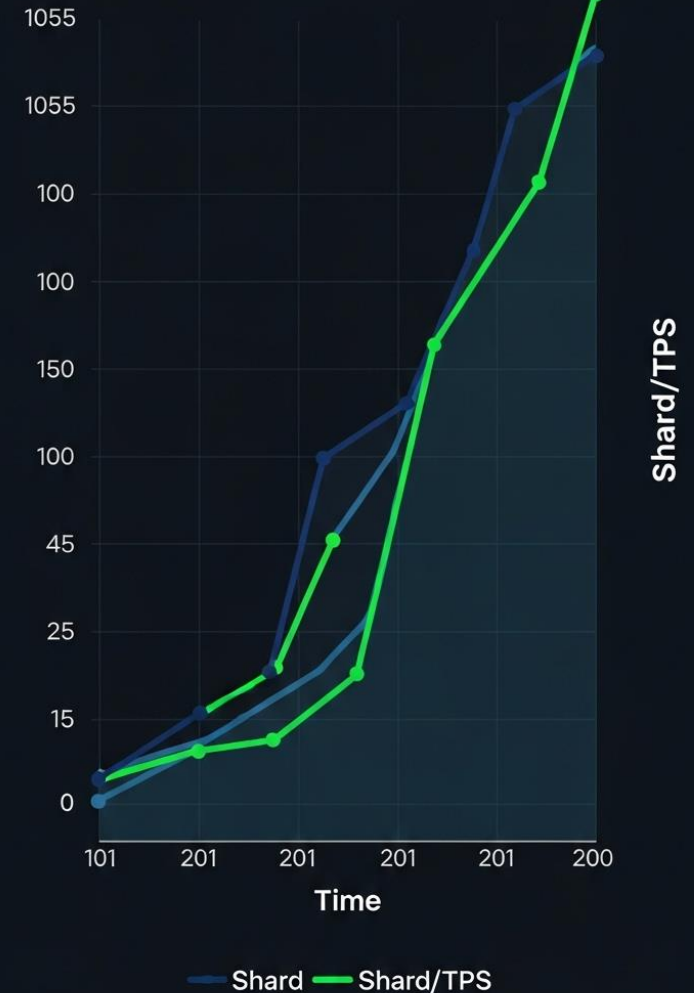




# Preparing for a \$730T Market

- ❖ Current: Public Development Testnet 4 shards
- ❖ Future: 500+ shards, 33k+ TPS.
- ❖ Impact: Scales trades, management.
- ❖ Viewer: [sagascan.prasaga.com](https://sagascan.prasaga.com).

Shard/TPS Growth





# Call to Action

- ❖ Lead the \$613T-\$730T real estate revolution.
- ❖ Actions:
  - ❖ Liaison with SagaStandards
  - ❖ Join as member of SagaStandards
  - ❖ Build compliance-native apps. Future-proof your infrastructure.
- ❖ Contact: [sagastandards@prasaga.com](mailto:sagastandards@prasaga.com)
- ❖ Build: [code.prasaga.com/sagachain](https://code.prasaga.com/sagachain)

