



# SagaStandards: Transforming Finance with a Global Standards Registry

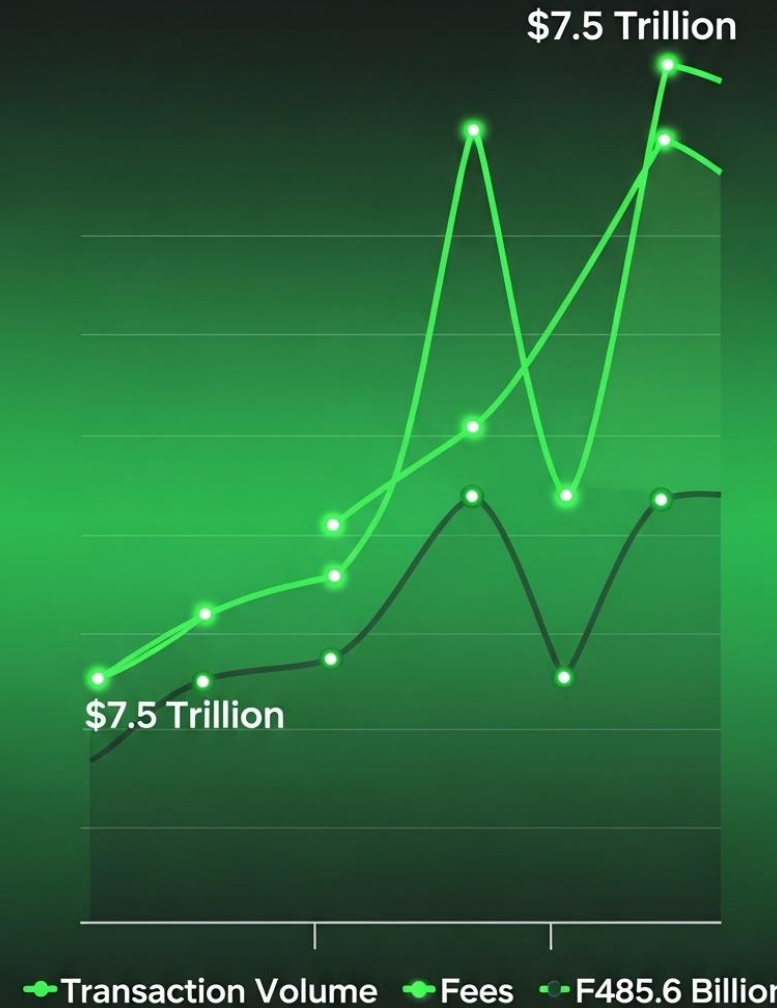
Join Us to Shape the Future of Global Finance





# Why Finance Needs Transformation

- ❖ Transaction market: \$7.5T daily, \$320T assets.
- ❖ Challenges:
  - ❖ High Fees: \$200B-\$600B in 1-3% costs.
  - ❖ Fraud: \$485.6 billion (2023).
  - ❖ Delays: \$50B-\$100B in T+2/T+3 liquidity.
  - ❖ Fragmentation: \$20T untapped global trades.

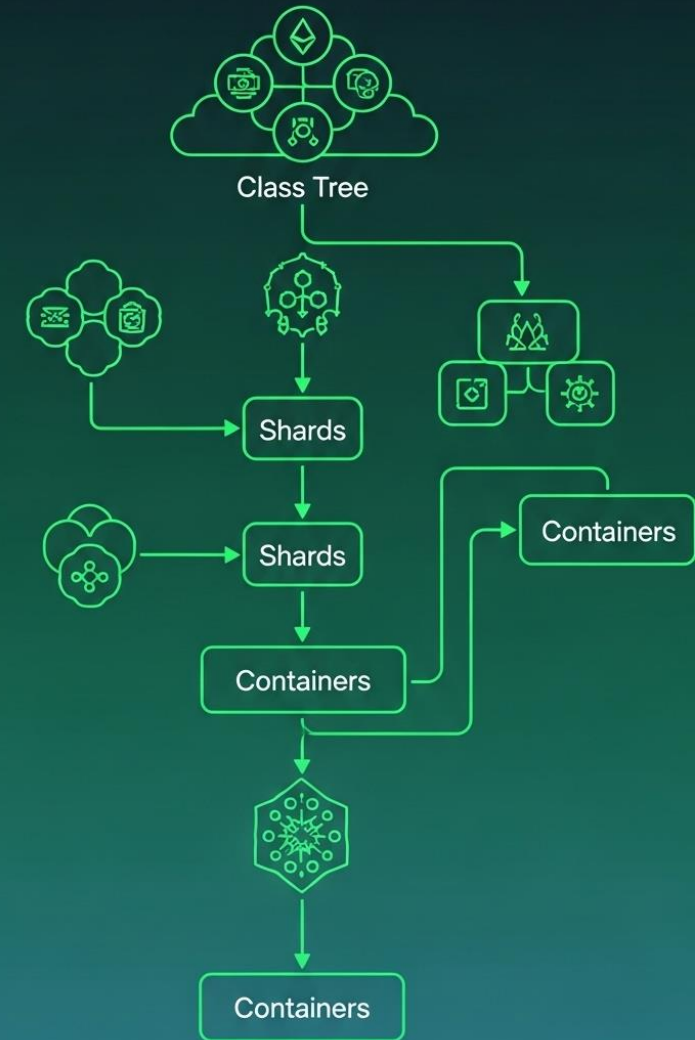




# Leading Financial Innovation

- ❖ Mission: Implement open standards for tokenized finance.
- ❖ Initiative: Class tree with OMG, ISO, FIX, XBRL, X9, ISDA, W3C.
- ❖ SagaChain Features:
  - ❖ SagaPSA: Automated, flexible assets.
  - ❖ Persistent State: Live, auditable data.
  - ❖ Sharding: ~66TPS/shard, >1000's of shards.
- ❖ Demo: [sagascan.prasaga.com](http://sagascan.prasaga.com)

## SagaChain

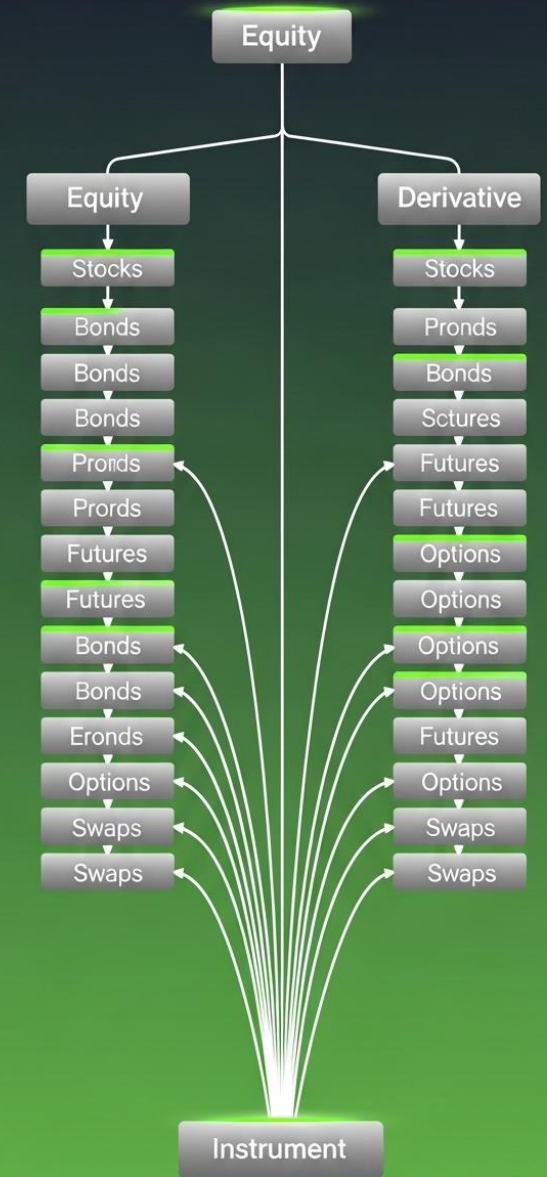




# The Financial Class Tree Explained

- ❖ Hierarchical schema for assets (bonds, derivatives).
- ❖ Features:
  - ❖ Extensible: Multi-inheritable SagaPSA (e.g., “Bond”).
  - ❖ Interoperable: Aligns with SDO standards.
  - ❖ Persistent: Live data (e.g., “TradeStatus: Settled”).
- ❖ Example: “Instrument” → “Equity” → “Stock”.

## Financial Instruments



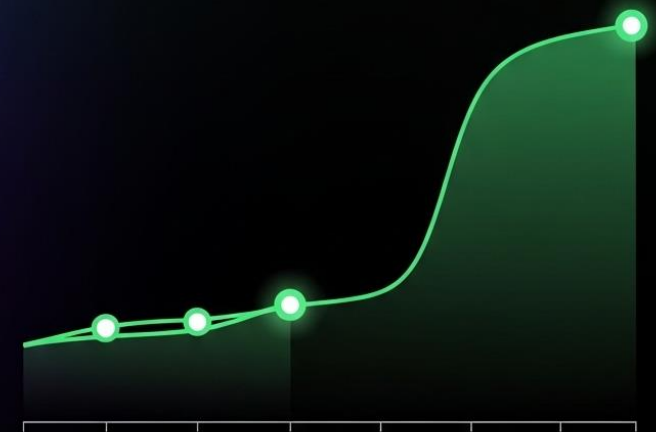


# Why SagaChain Excels

- ❖ SagaChain:
  - ❖ MainNet goal >66k TPS, >1000 shards.
  - ❖ 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 demo [sagascan.prasaga.com](https://sagascan.prasaga.com)

## SagaChain vs. competitors

- Capacity dynamically scales to demand
- SagaPSA:
  - Flexible, automated logic
  - Persistent State: Real-time accuracy



Vs. Ethereum, Slow 30 TPS, costly

Vs. Solana, No object model

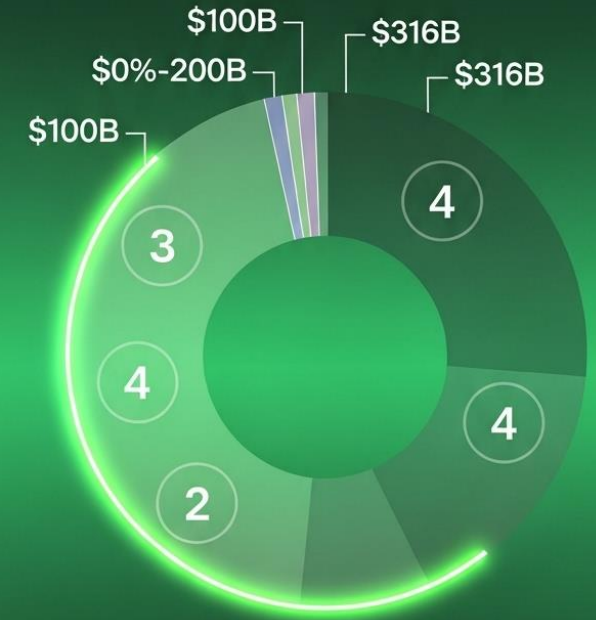
Vs. Hyperledger: Not public-scalable



# Saving \$155B-\$316B Annually

- ❖ Transactions: Estimated \$100B-\$200B (50% fee cut).
- ❖ Fraud: Estimated (50-80% reduction).
- ❖ Operations: Estimated \$5B-\$16B 0B-\$100B (50% reporting savings).
- ❖ Total: Potential \$155B-\$316B savings.

**SAVING**  
**\$155B-\$316B Annuald**



- Transactions
- Operations
- \$100B-\$220B (50-80% reduction)
- \$5B-\$16B (5B reporting savings)

Total  
**\$155B-B-\$316B savings**



# Adding \$150B-\$294B in Revenue

- ❖ Liquidity: Estimated \$100B-\$200B (tokenized trades).
- ❖ Global Trades: Estimated \$100B-\$200B (cross-border).
- ❖ Financing: Estimated \$50B-\$100B (crowdfunding).
- ❖ Market Growth: Estimated \$70B-\$140B (5-10% boost).
- ❖ Total: Potential \$305B-\$610B (15-30% of \$2T).

## Revenue Sources





# Transforming Global Finance

- ❖ Transparency: Instant SEC/ESMA audits.
- ❖ Access: Finance for 1B retail investors.
- ❖ Sustainability: Potential 50M tons CO2 saved.
- ❖ Trust: 10% participation boost.



Transparency



Access



Sustainability



Trust



# Partnering with OMG

- ❖ Role: FIGI for instrument IDs.
- ❖ Alignment: “InstrumentAsset” SagaPSA.
- ❖ Impact: Potential \$5B-\$16B fraud reduction.
- ❖ SagaChain: Persistent state for provenance.
- ❖ Call: Shape FIGI standards.

SagaPSA Bond Instrument

FIGI

**\*710907.435.5009**

FIGI Financial Instrument Global  
Gillisenal Instrument Global Identif

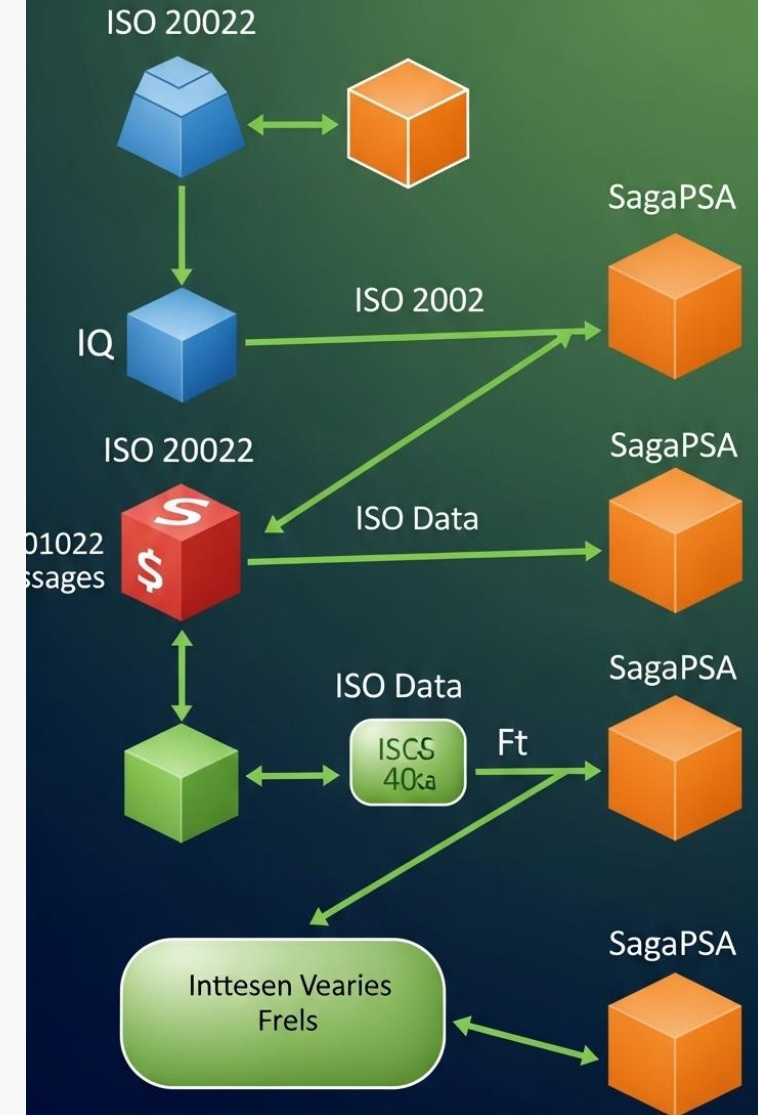
SagaPSA Bond Instrimmet  
FIGI 23.4566.2450

SagaPSA Global Klockr



# Partnering with ISO

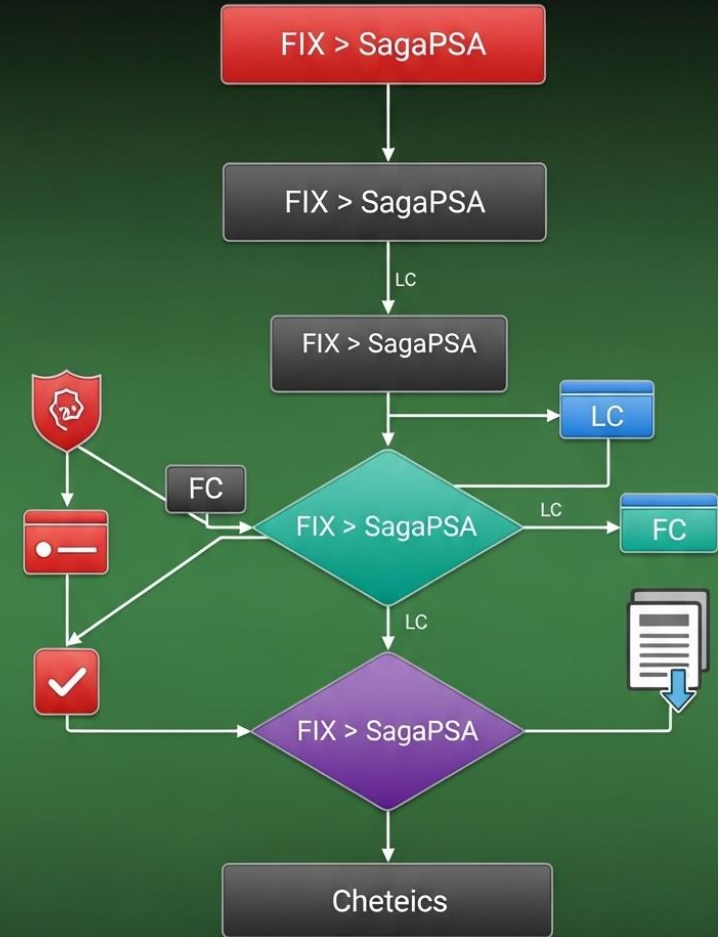
- ❖ Role: ISO 20022, CFI, LEI standards.
- ❖ Alignment: “PaymentAsset,” “EquityAsset”.
- ❖ Impact: Potential \$100B-\$200B transaction savings.
- ❖ SagaChain: Sharding scales payments.
- ❖ Call: Join TC 68 for standards





# Partnering with FIX

- ❖ Role: Trading messaging standards.
- ❖ Alignment: “TradeAsset” PSAs.
- ❖ Impact: Potential \$100B-\$200B trade revenue.
- ❖ SagaChain: High throughput for exchanges.
- ❖ Call: Standardize tokenized trades.





# Partnering with XBRL

- ❖ Role: Financial reporting standards.
- ❖ Alignment: “ReportingAsset” PSAs.
- ❖ Impact: Potential \$50B-\$100B reporting savings.
- ❖ SagaChain: Real-time auditability.
- ❖ Call: Define reporting standards.

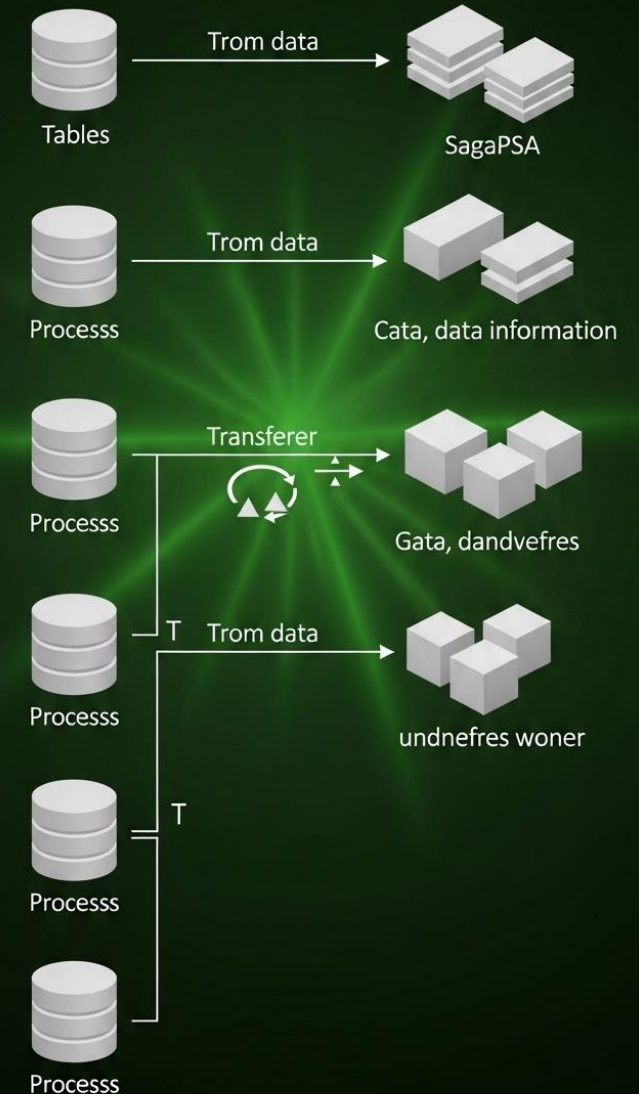




# Partnering with ISDA

- ❖ Role: CDM for derivatives.
- ❖ Alignment: “DerivativeAsset” PSAs.
- ❖ Impact: Potential \$100B-\$200B derivatives revenue.
- ❖ SagaChain: Automates complex contracts.
- ❖ Call: Standardize tokenized derivatives.

## CDM to SagaPSA





# Why Governments Should Join

- ❖ Regulation: Auditable, compliant SagaPSA.
- ❖ Inclusion: Finance for 1B underserved.
- ❖ Stability: Potential \$305B-\$610B economic boost.
- ❖ Sustainability: 50M tons CO2 saved.

REGULATION



INCLUSION

STABILITY

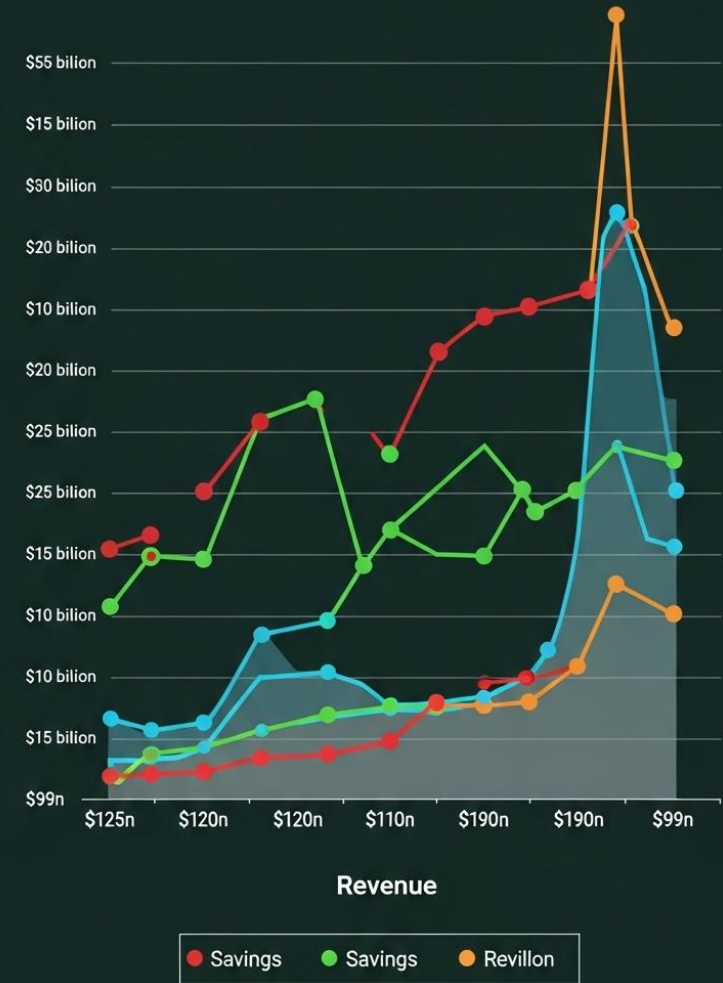




# Why Industry Should Join

- ❖ Savings: Potential \$155B-\$316B annually.
- ❖ Revenue: Potential \$150B-\$294B yearly.
- ❖ Innovation: Tokenized financing, trades.
- ❖ Leadership: Pioneer \$7.5T market.

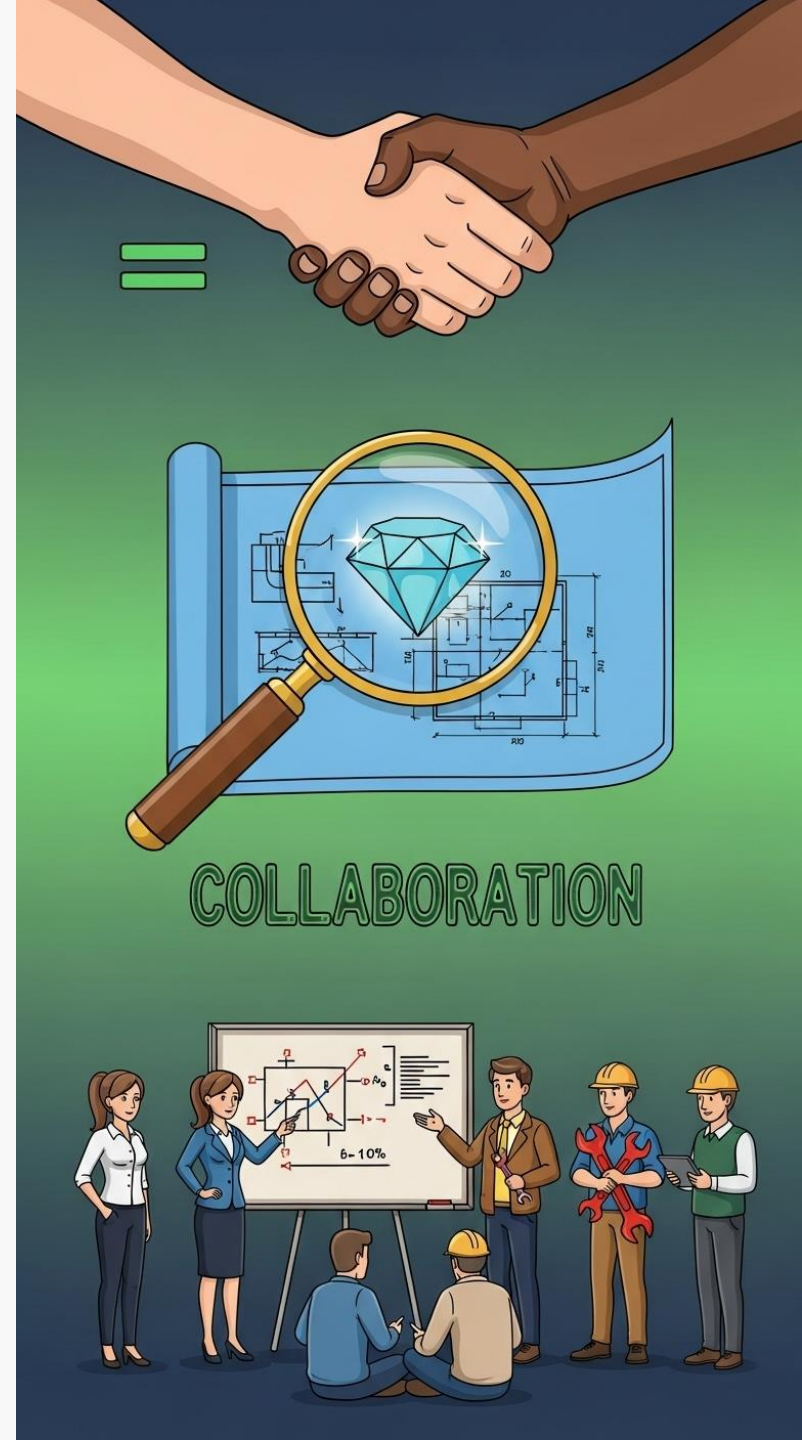
## Savings Revenue





# Why Non-Profits Should Join

- ❖ Equity: Finance for 1B underserved.
- ❖ Transparency: Open standards for trust.
- ❖ Collaboration: Work with SEC, banks.
- ❖ Impact: Shape sustainable finance.



COLLABORATION



# Join Our Working Group

- ❖ Define: Custom SagaPSA's (e.g., "Bond").
- ❖ Map to: FIGI, ISO, FIX, etc.
- ❖ Pilot: tokenized assets by 2026/27.
- ❖ Timeline: Draft Q2 2026, adoption 2028/29.

Draft **2026** Pilots





# A Tokenized Bond

- ❖ Scenario: \$1B bond program.
- ❖ Execution: Saves \$19M fees, \$2M-\$4M fraud.
- ❖ Revenue: \$10M-\$20M from trades, financing.
- ❖ Stakeholders: Governments regulate, industry profits, non-profits expand access.

## TOKENIZED BONDS





# Ready for a \$7.5T Market

- ❖ Current: 4 shards, 16 nodes public dev. testnet.
- ❖ Future: >1000 shards, >66k TPS.
- ❖ Impact: Scales trades, reporting.
- ❖ Demo: [sagascan.prasaga.com](https://sagascan.prasaga.com).





# Join the Global Standards Evolution

- ❖ Lead the \$7.5T financial revolution.
- ❖ Actions:
  - ❖ Email: [sagastandards@prasaga.com](mailto:sagastandards@prasaga.com)
  - ❖ Explore: [sagascan.prasaga.com](http://sagascan.prasaga.com)
- ❖ Build: [code.prasaga.com/sagachain](http://code.prasaga.com/sagachain)





# Citations

- ❖ Forex Market Volume 2023: A Comprehensive Overview [HW-Online](#)
- ❖ Sizing Up the Global-Market: <https://www.msci.com>
- ❖ DTCC. (2024). Settlement modernization report. <https://www.dtcc.com>
- ❖ PraSaga. (2025). SagaChain Explorer. <https://sagascan.prasaga.com>
- ❖ Ethereum. (2024). Network metrics. <https://ethereum.org>
- ❖ Solana. (2024). Network performance. <https://solana.com>
- ❖ Nasdaq/Verafin (2024) Global Financial Crime Report. <https://verafin.com>
- ❖ PwC. (2024). Financial Services in 2025 survey data. <https://www.pwc.com>
- ❖ Deloitte. (2024). Tokenization in financial services. <https://www.deloitte.com/>
- ❖ World Bank. (2024). Financial inclusion report. <https://www.worldbank.org/>
- ❖ IEA. (2024). Financial sector carbon footprint. <https://www.iea.org/>
- ❖ OMG. (2024). FIGI standard. <https://www.omg.org/figi>
- ❖ ISO. (2024). ISO 20022, 10962, 17442 standards. <https://www.iso.org/>
- ❖ FIX. (2024). FIX Protocol standard. <https://www.fixtrading.org>
- ❖ XBRL. (2024). XBRL standards overview. <https://www.xbrl.org>
- ❖ ISDA. (2024). Common Domain Model. <https://www.isda.org>

