For capital market regulators, central banks, and FIUs

Compliance-by-design capital markets infrastructure

Programmatic KYC/AML enforcement, bankruptcy-remote SPV protection, and permissioned supervisory visibility on a unified settlement ledger.

Embedded regulatory architecture

Eko Securities Exchange works proactively with capital market authorities, central banks, and financial intelligence units (FIUs) across Africa to enforce statutory rules directly in smart contract execution:

- **Protocol-level identity and jurisdiction enforcement:** Built on ERC-3643 (T-REX) and ERC-1400 security token standards, every transfer invokes IIdentityRegistry.sol. Transactions automatically revert unless both sender and receiver hold valid, unexpired KYC/AML attestations and satisfy jurisdiction rules (such as ECOWAS residency, local capital-market rules, or US Reg D / Reg S restrictions).
- **AML/CFT, Travel Rule, and FX controls:** Sanctions screening, Travel Rule metadata standards, and applicable local currency/FX controls are embedded directly into settlement workflows.
- **Bankruptcy-remote investor protection:** Every receivables pool operates through licensed, segregated SPVs with perfected true-sale legal opinions and bank-controlled DACA lockboxes, ensuring the exchange never commingles client funds on its own balance sheet.
- **Data privacy compliance:** Federated zero-knowledge (ZK) proofs verify investor eligibility without exposing raw personally identifiable information (PII) on-chain, aligning with the Nigeria Data Protection Act 2023 and the GDPR.

Supervisory visibility and macro impact

Regulatory priority	Eko Securities Exchange infrastructure capability
Real-time supervisory views	Permissioned, read-only regulatory nodes and reporting dashboards providing real-time visibility into issuance volumes, SPV reserves, and wallet-level compliance logs.
Ethereum L1 finality and exit	The exchange's EVM Layer 2 rollup settles to Ethereum with ZK validity proofs and trustless L1 force-exit escape hatches, eliminating single-operator custody lock-in.
Closing the liquidity gap	Bridges Africa's $35B–$100B cross-border payment liquidity gap today (phase 1) and scales to corporate trade/export receivables in phase 2 while lowering remittance costs.

Next step for regulators: Email us at hello@ekosecurities.com to request information on the exchange's legal structure.