Blockchain for Secure transactions in Africa

Solutions

Blockchain technology is revolutionising financial security and inclusion across Africa by addressing systemic vulnerabilities and enabling trustless, transparent transactions.

Here's how it contributes to secure financial systems in Africa

Fraud Prevention Through Immutable Records

95% of fraudulent activities in traditional banking systems stem from centralised data storage, which blockchain eliminates

In Nigeria, **16 banks** now process ATM transactions via Zone's blockchain network, cutting fraud losses by **40%** through real-time validation

Enhanced Transparency and Trust

Blockchain's traceability reduced **30%** of illicit financial flows in pilot programs across Ghana and Kenya

The African Development Bank estimates blockchain could recover **$50B** annually lost to fraud in public sector transactions

Africa's crypto market is expected to generate over $2.9 billion in revenue in 2025.

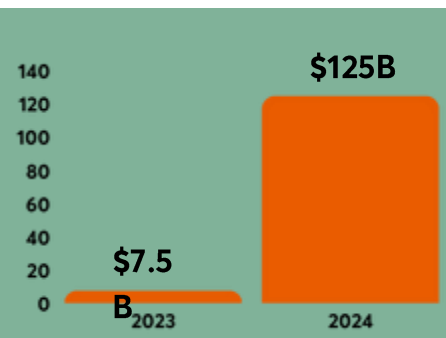
2.9

Billion dollers

Cost-Efficient Cross-Border Payments

Remittance costs in Africa average **8–15%** via traditional methods but drop to **2–3%** with blockchain

South Africa's SARB Project Khokha demonstrated blockchain can settle **70,000** transactions daily at **$0.03** per transaction, **99%** cheaper than legacy systems



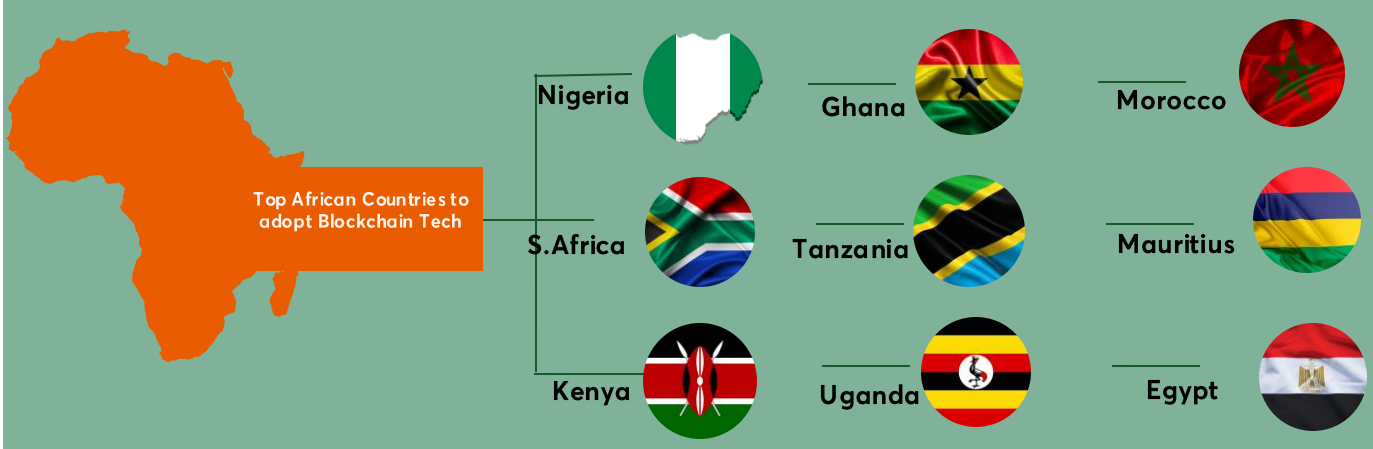
Sub-Saharan Africa recorded **$125 billion** in on-chain crypto transactions in 2024, up **$7.5 billion** from 2023

Financial Inclusion via Decentralised Access

8.5% of Kenya's population uses cryptocurrencies for savings and payments, bypassing traditional banks

Nigeria's adoption of Binance and Paxful platforms supports **$500M+** monthly crypto trades, providing alternatives amid **23%** inflation

Blockchain technology has established a foothold in Africa, with certain countries leading early adoption. As the ecosystem matures, its application is expected to extend across more countries and industries on the continent.



Key Sectors Where Blockchain Has Been Prevalent in Africa

Real World Impact of Blockchain Tech

Zone's blockchain ATM network with **16 banks**, **40%** fraud reduction

Cryptocurrency adoption with **8.5%** population engagement

SARB Project Khokha (cross-border)
$0.03 per transaction

Source: techcabal.comblockchain.com will head to africa

© 2025 Copyright owned by one or more of Spurt! International entities. All rights reserved.