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d-local

Speakers



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Agenda



The Payments Landscape in SSA Our Data

2. Key Empirical Findings

Three Distinct Payment Archetypes
Digital Consumption Patterns
Real-Time Impact of Policy Uncertainty

3. Conclusion & Policy Relevance

Actionable Insights for the G20

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The Challenge: A Fragmented Payment Landscape

- Sub-Saharan Africa's (SSA) digital economy is in a state of rapid transformation.
- Growth is hampered by a highly fragmented payment landscape.
- Each country has **unique**, **locally preferred payment methods** (mobile money, domestic cards, bank transfers).
- This creates major friction for global merchants.



One API to Connect Global Merchants with Local Consumers

- dLocal acts as the "payments plumbing" for emerging markets.
- A **single API connection** allows merchants to accept local payment methods in over 40 countries.
- This analysis focuses on **Pay-ins**: local-currency payments from consumers to global merchants, directly reflecting digital consumption.



The Value of New Data: Closing the Information Gap

- Traditional data lags behind Africa's digital transformation.
- Official statistics, while essential, are often **aggregated and published with a significant delay**, creating an "information gap" for policymakers.
- Our approach: Use **proprietary, "organic" transaction data** as a powerful complement.
- This dataset offers a powerful complement to official statistics by providing:
 - High-frequency & timely insights (near real-time view)
 - Granularity (reveals unobservable trends & behaviours)
 - Real-world behaviour (based on actual consumer transactions).

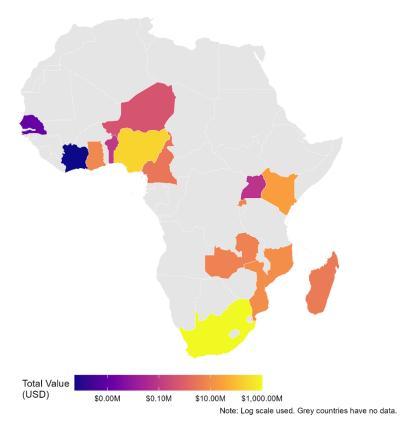


Our Approach: A Comparative Analysis of South Africa, Nigeria, and Kenya

- Full dataset covers pay-in transactions across 14 SSA markets.
- Strategic focus on three countries for key reasons:
 - Materiality: Collectively account for over 97% of transaction value in the sample (South Africa: 78%, Nigeria: 17%, Kenya: 2%).
 - **Market Diversity:** Most varied merchant portfolios (Nigeria: 58, South Africa: 44, Kenya: 20), enabling rich sectoral analysis.
 - Payment Archetypes: Represent three distinct payment ecosystems, perfect for comparative study.

Cross-Border Payment Values in Africa

Total USD value in last 12 months (May 2024 - Apr 2025)







The Data: A High-Frequency, Granular View of Digital Commerce

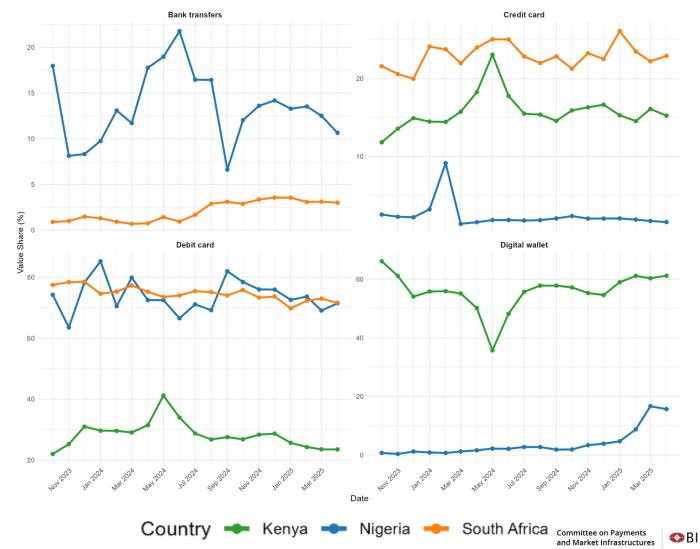
- Source: Proprietary, "organic" pay-in transaction data from dLocal's platform.
- Scope & Granularity:
 - Time Period: 18 months (November 2023–March 2025).
 - Dimensions: Aggregated by country, merchant, payment method, currency, and time (monthly/quarterly).
 - Metrics: Transaction volumes and financial values (USD & local currencies).
- Processing:
 - Merchant Classification: Systematically categorised using a large language model for consistency.
 - Dataset Size: Over 170,000 rows of aggregated data after cleaning.
- Caveat: Data is illustrative, not exhaustive. It reflects dLocal's merchant portfolio, not the entire national landscape.



Finding 1: Three Distinct Payment Archetypes

Key Payment Methods: Country Comparison Over Time

Value share (%) for Digital Wallet, Cards and Bank Transfers





Finding 1: Three Distinct Payment Archetypes

Our data reveals three distinct payment archetypes, each with its own dynamic trend over 18 months:



A mobile-first economy. Mobile money is dominant but also highly sensitive to external events, evidenced by a sharp dip in mid-2024.



A mature, bank-led system. This is confirmed by the remarkable stability in card market share, which is typical of a market with entrenched consumer habits.



A dynamic, hybrid ecosystem. The data captures a classic technology adoption S-curve for digital wallets, which surged to nearly 20% market share, aligning with external benchmarks.

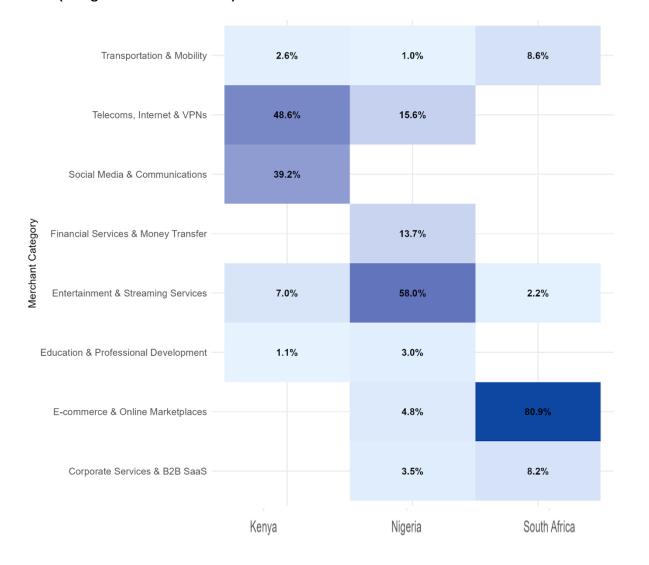
Validation: The data **confirms well-established patterns**. This provides a credible foundation for the novel insights that follow.

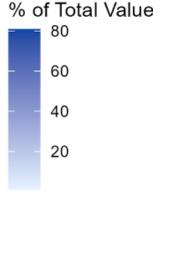


Finding 2: Diverse Digital Consumption Patterns

Market Share of Merchant Categories by Country

Percentage of total transaction value (categories with ≥ 1% share)









Finding 2: Diverse Digital Consumption Patterns

The data shows a spectrum of digital commerce, from foundational consumer activity to spending that directly supports business and professional growth.



The market is led by a mature **E-commerce sector (50.9%)**. This is complemented by significant spending in **Corporate Services & B2B SaaS (8.2%)** and **Transportation & Mobility (8.6%)**.



Led by **Entertainment & Streaming (58.0%)**, alongside a diverse ecosystem supporting growth. The platform facilitates significant activity in **Financial Services (13.7%)**, **B2B SaaS (3.5%)**, and **Education & Professional Development (3.0%)**.



Anchored by **Telecoms/Internet/VPNs (48.6%)** \rightarrow foundational spending on connectivity.



Finding 3: Real-Time Impact Analysis in Kenya

- The Shock (May 2024): Proposed tax hike on mobile money fees.
- Immediate Consumer Reaction:
 - Digital Wallet value share plummeted from ~60% to <40%.
 - Spending on 'Telecoms & VPNs' spiked during protests.
- The Reversal (June 2024): Tax was scrapped after public pressure.
- The Result: Immediate recovery in Digital Wallet market share.
- The Lesson: Data reveals the high cost of policy uncertainty and the high elasticity of consumer behaviour.

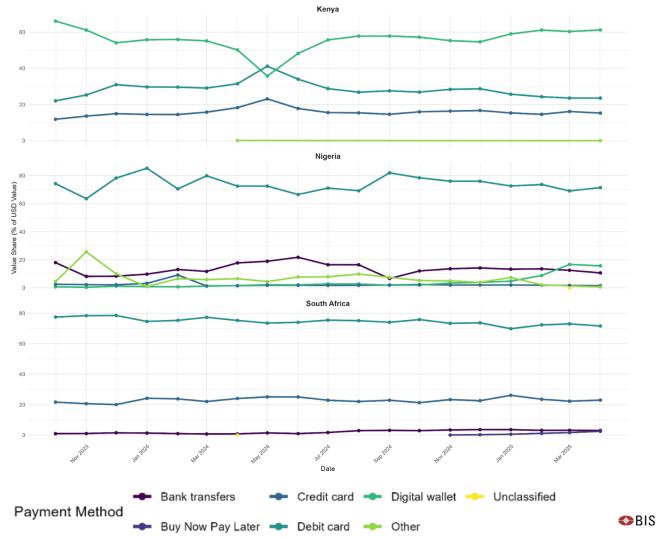




Finding 3: Real-Time Impact Analysis in Kenya

Payment Method Value Share Evolution by Country

Percentage of transaction value over time



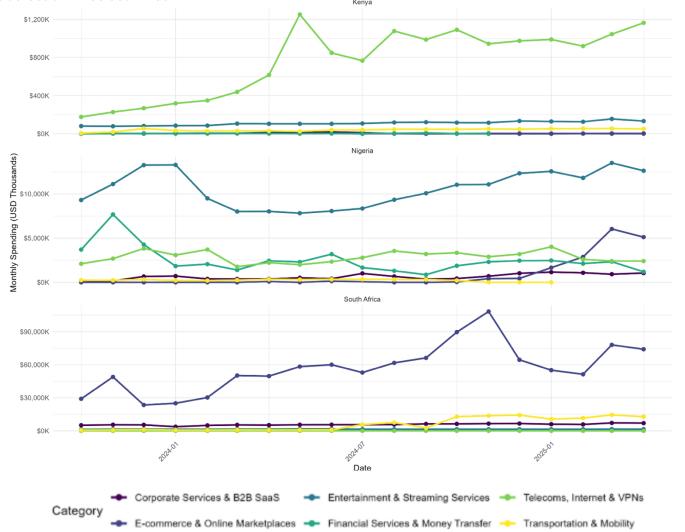




Finding 3: Real-Time Impact Analysis in Kenya

Monthly Spending Trends by Category

Top 6 categories by total value across all three countries







Conclusion: The Unique Value of High-Frequency, Granular Data

This analysis provides a model for using proprietary data for **timely**, **granular insights** unavailable in high-latency official statistics.

- Quantifies market dynamics: Reveals how trends evolve in near real-time (e.g., Nigeria's rapid wallet adoption), not just static snapshots.
- Shows spending composition: Granular, merchant-level data shows the specific mix of, for example, E-commerce, B2B SaaS, and Education, revealing what is being purchased.
- Acts as a real-time policy barometer: High-frequency data links disparate events (e.g., tax policy and VPN spending) and measures the immediate economic cost of policy uncertainty.
- The way forward: Foster ethical public-private data partnerships to gain this dynamic, granular view for evidence-based policy.



Thank you



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