

# KETZAL.

THE SOVEREIGN TRUST &  
COMPLIANCE LAYER  
OF THE AFRICAN CRYPTO  
ECOSYSTEM

*« Trust by design.  
Sovereignty by anchorage. »*

02 — POSITIONING

# KETZAL is not another pillar. It is the **trust infrastructure** the pillars rest on.

## 01

### PROOF-OF-RESERVE

#### Proof, attested **live**

The oracle permanently attests data is unaltered between source and chain — price source for \$aAFRICA & \$gAFRICA, required before every RWA issuance.

## 02

### NATIVE COMPLIANCE

#### Compliant from **day one**

KYC, AML and regulatory reporting native to LaunchLab projects and institutional partners — no in-house regulatory layer to build.

## 03

### B2B IN \$MANSSA

#### The token is the **access key**

Every institution consuming KETZAL acquires and spends \$MANSSA. Structural, recurring demand — decoupled from speculation.

03 — WHY NOW

# A continent still priced **from the outside.**

**18%**

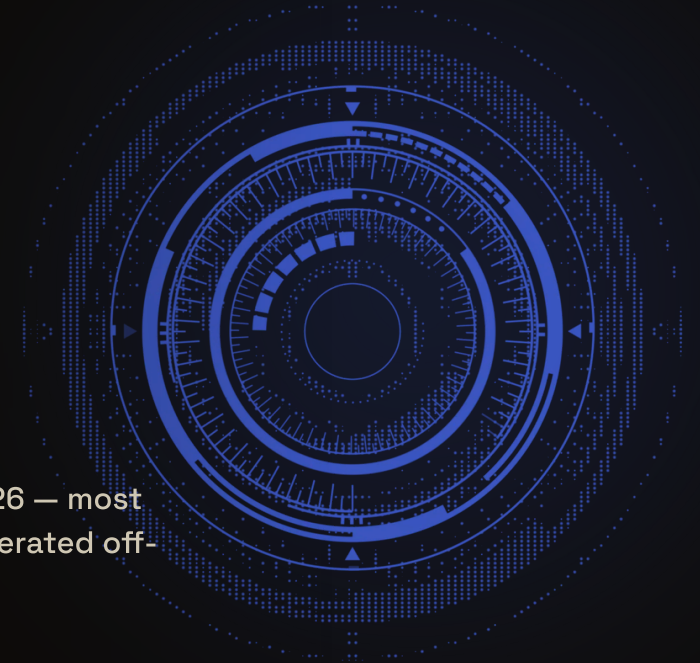
of the world's population — the youngest, fastest-growing.

**<1%**

of global compute capacity. Every oracle runs elsewhere.

**30 Bn**

tokenized RWA in 2026 — most African issuances operated off-continent.



RWA.xyz (May 2026) · Chainalysis Africa 2025 · IEA · USGS 2025

## 04 – MARKET

# A structural market — every African institution shares **the same gap.**

	ACTOR	WHAT IS MISSING TODAY	KETZAL SERVICE
01	Exchanges & OTC	Credible proof-of-reserve, an oracle for African assets, compliance	PoR-as-a-service · oracle · compliance
02	Banks & fintechs	Tokenization rails, NAV oracle, audit	RWA-in-a-box · NAV oracle · reporting
03	Stablecoin issuers	Continuous proof-of-reserve	Continuously attested PoR
04	Funds & RWA issuers	Monitoring, per-asset PoR, reporting	NAV oracle · PoR · monitoring
05	Regulators & central banks	On-chain analytics, attestation, sovereign infrastructure	Analytics · sovereign attestation

## 05 — THE BICAMERAL ORACLE

# A continuous proof machine. Integrity, not veracity.

« *The MANSSA oracle guarantees one thing, and proves it continuously: that data has not been altered between its source and the blockchain.* »

## 01

### WHAT THE ORACLE DOES

#### Integrity guarantee

An independent valuation agent establishes what the asset is worth. The oracle transmits that verdict on-chain, unalterable. Integrity is the guarantee — not veracity.

## 02

### BICAMERAL ARCHITECTURE

#### Proprietary + interop

The proprietary layer — hardware attestation, confidential computation — **computes**. The interoperability bridge (Chainlink OCR) **publishes**. If the bridge goes down, prices continue.

## 06 – SEVEN SERVICE FAMILIES

# Seven service families. One thread.



	FAMILY	SERVICE
01	<b>Oracle &amp; proof</b>	African RWA feeds, institutional proof-of-reserve
02	<b>Custody &amp; security</b>	Hardware attestation, institutional-grade key management
03	<b>Compliance</b>	KYC / AML, travel-rule, regulatory reporting
04	<b>Builder stack</b>	Wallet, paymaster, RWA-in-a-box tokenization
05	<b>SPV lifecycle</b>	Proof · monitoring · redemption · overcollateralization
06	<b>Data &amp; monitoring</b>	Analytics, alerting, dashboards
07	<b>Sovereign chain</b>	Nodes, RPC, indexation — sovereign data residency

## 07 — MANSSA IS THE FIRST CLIENT

# The proof-of-concept that becomes **the reference.**

## 01

RWA ORACLE

### **\$aAFRICA / \$gAFRICA**

Price source for the two RWA tokens — required before every issuance.

## 02

PROTOCOL PROOF-OF-RESERVE

### **Continuous attestation**

Continuous attestation of the reserve (P5 target: 10 Bn USD).

## 03

DAO MONITORING

### **Tooled governance**

Economic simulations, dashboards, governance tooling.

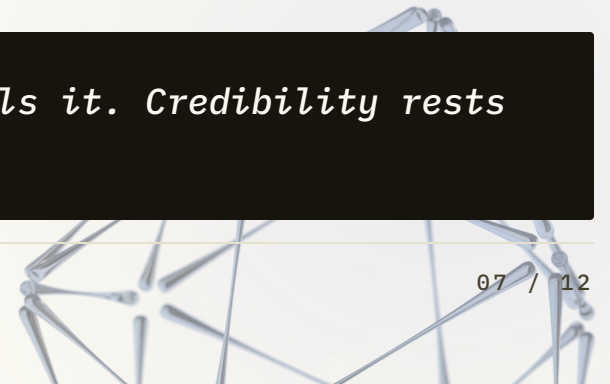
## 04

LAUNCHLAB STACK

### **Incubated projects**

Incubated projects plug into KETZAL infrastructure from day one.

*Dogfooding → productisation. KETZAL proves every service on MANSSA, then sells it. Credibility rests on "it's already running in production."*



## 08 – VALUE CAPTURE → \$MANSSA

# KETZAL generates real utility demand for \$MANSSA.

## 01

### DIRECT DEMAND

#### Recurring B2B

Institutions consuming KETZAL acquire and spend \$MANSSA. Recurring B2B demand, decoupled from speculation.

## 02

### FLYWHEEL CAPTURE (P6)

#### Buyback & make

Collected fees feed a programmatic buyback-and-make mechanism that compounds protocol liquidity and the reserve.

*The African institutional crypto market becomes the floor of utility demand for \$MANSSA – the most structural value argument for the token.*

## 09 – LEGAL ARCHITECTURE

# Swiss governance. Moroccan operations. African SPVs.

## CH

GOVERNANCE &amp; IP

### Swiss Stiftung

Ownerless structure dedicated to the mission, the holder community and the protocol IP.  
Neutral, FATF-clean, reference-grade.

## MA

KETZAL &amp; LABS

### Morocco · MANSSA Labs

Target: Moroccan crypto framework (Bill 42.25 – Bank Al-Maghrib + AMMC). African anchorage, maximum substance, R&D and trust infrastructure.

## SPV

PER-ASSET VEHICLE

### OHADA space

Bankruptcy-remote. Sole issuer. Risk bearer. Each asset = its own vehicle, arm's-length from the protocol.

*Operational desolidarization – distinct accounts, boards, contracts, premises, teams.*

## 10 – DIFFERENTIATION

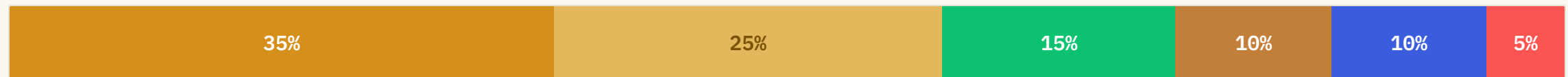
# What no actor combines today.

- **Bicameral attested proof-of-reserve** — proprietary layer + interoperability bridge. No exclusive dependency.
- **Natively African oracle** — cocoa, gold, cobalt, FX have no sovereign local price source. KETZAL delivers it from the continent.
- **Native compliance** — KYC, AML, travel-rule — native, not a bolt-on layer.
- **African sovereign anchorage** — no Gulf, no offshore stigma. Clean Swiss governance, real African substance.

*Trust by design. Sovereignty by anchorage. African trust infrastructure is the missing link – KETZAL closes it.*

11 – TOKENOMICS & GOVERNANCE

# \$MANSSA — governance and utility. Fixed and enforceable.



**35%**

**TREASURY**

Sovereign treasury

**25%**

**BONDING**

Cliff 30d + vesting 180d

**15%**

**TEAM**

Long-horizon alignment

**10%**

**LAUNCHLAB**

Accelerator + portfolio

**10%**

**ECOSYSTEM**

Grants · partnerships

**5%**

**SOLIDARITY**

Ambassadors · entraide

DAO: 10% quorum · 5% anti-whale · 48h / 168h timelock · Security Council of 7 · enforceable at TGE.  **Holders come first, always.**



# Trust is proven. Sovereignty is built.

## The market

AFRICAN INSTITUTIONAL CRYPTO

The entire ecosystem

PIIONEER · SOVEREIGN · FIRST-HOLDER

## The oracle

BICAMERAL ATTESTED PROOF-OF-RESERVE

No competitor combines this

## \$MANSSA

STRUCTURAL B2B UTILITY DEMAND

Flywheel capture