

AFRICA'S RESERVE PROTOCOL – EXECUTIVE SYNTHESIS

Litepaper

Executive synthesis for sovereign allocators.

v5 · EN
VERSION

June 2026
DATE

manssa.io
CANONICAL

// UPDATE NOTICE · 00

Doctrinal revision – June 2026.

« A protocol is not what it claims. It is what is enshrined. The version is the proof. »

This Litepaper v5 integrates updates to the MANSSA corpus finalized by the Direction in June 2026. The revision covers:

- Legal architecture — governance under a Swiss foundation (Stiftung), regulated operations and Labs in Morocco (targeting Bill 42.25 — Bank Al-Maghrib + AMMC), per-asset SPVs in the OHADA space.
- \$MANSSA token positioning — governance and utility asset; value captured by protocol activity, not by treasury backing.
- Solidarity Allocation (5%) replacing the Community category.
- KETZAL refounded as the sovereign trust and compliance layer — asset-light, no proprietary token.

Litepaper v4 of May 2026 is hereby superseded. Archived as historical reference only.

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// SECTION · 01

The thesis.

« Africa controls 30% of strategic minerals. It captures less than 5% of their tokenized financial value. MANSSA closes that gap. »

The problem

Africa hosts **18% of world population** and produces **less than 1% of world compute capacity** (USGS 2025). The continent generates one-third of strategic minerals globally yet captures less than 5% of their tokenized financial value (BCG Tokenization Report 2024; RWA.xyz May 2026).

Tokenized RWA reached **30 billion USD globally in early 2026**, growing at three-digit annual rates. The majority of emissions touching African assets are operated **from outside the continent**. African value is priced on foreign infrastructure, governed by foreign frameworks, and yields flow to foreign treasuries (Chainalysis Africa Report 2025).

// DIAGNOSIS

This is not a market gap. It is a **sovereignty lock**.

The answer

MANSSA® is the reserve protocol of Africa. It infrastructurally bridges African real-world assets, sovereign tokenization, decentralized governance, and continental trust infrastructure — under a triple-jurisdiction legal architecture: governance under a **Swiss foundation (Stiftung)**, regulated operations and Labs in **Morocco** (targeting Bill 42.25 — Bank Al-Maghrib + AMMC), and per-asset **SPVs in the OHADA space**.

The protocol's mission is singular: *let Africa price, tokenize, and capitalize its own assets, on its own infrastructure, under its own rules.*

MANSSA® — registered trademark, two S. The native token is **\$MANSSA**. The canonical domain is **manssa.io**. MANSSA is unaffiliated with any other entity using a similar name.

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// SECTION · 02

Five primitives. One ecosystem.

PRIMITIVE	FUNCTION	TOKENS
\$MANSSA	Governance and utility asset · protocol flywheel · holder-primacy doctrine	\$MANSSA · sMANSSA
DAO Governance	On-chain arbitration · treasury allocation · protocol parameters · holder-primacy protection	sMANSSA
RWA Pillar	Agricultural + gold tokenization via partner SPVs · eight anti-ZiG principles	\$aAFRICA · \$gAFRICA
LaunchLab	Africa-native DeFi · RWA tooling · on-chain identity · two cohorts/year	—
KETZAL	Sovereign trust & compliance layer · bicameral oracle · continuous reserve attestation	—

// KETZAL – NOT A FOURTH PILLAR

It is the trust infrastructure that operates all three: pricing the RWA, attesting the reserves, powering the LaunchLab’s compliance.

The flywheel

Treasury inflows → RWA acquisitions + KETZAL infrastructure → oracle revenues + RWA yields → deeper treasury → LaunchLab investments → portfolio returns → reinforce treasury. KETZAL services generate B2B utility demand for \$MANSSA — structural, recurring, decoupled from speculation.

Value does not exit the ecosystem. It compounds.



Tokenomics core.

« *Every allocation is a commitment. Every commitment is a doctrine.* »

\$MANSSA — the governance and utility token

Token	\$MANSSA
Network	ERC-20 · Ethereum mainnet
Total supply	100,000,000 – fixed, non-inflationary
Governance derivative	sMANSSA (staked \$MANSSA)

\$MANSSA is the governance and utility asset of the protocol. It governs the protocol and captures, through its utility, the value of the ecosystem's activity — not the reserve itself. \$MANSSA is neither a redeemable claim on the reserve nor a currency.

Allocation — foundational, non-modifiable by ordinary vote

CATEGORY	SHARE	PURPOSE
Treasury	35%	Sovereign treasury — cardinal 10 Bn USD
Bonding	25%	Primary distribution — cliff 30d + vesting 180d
Team	15%	Long-horizon alignment
LaunchLab	10%	Accelerator operations + portfolio
Ecosystem	10%	Grants · partnerships · integrations
Solidarity Allocation	5%	Initial distribution · ambassadors · solidarity programs

Bonding mechanics

- Cliff **30 days** + linear vesting **180 days** = total window **210 days**.
- **No accelerated vesting** — absolute.
- Dynamic discount **2–15%** indexed on aggregate demand + treasury/float.
- Daily cap **1% of circulating** (Phase 1).
- Circuit-breaker if discount > 18% or spot drop > 20%/24h.

Governance anti-ZiG.

« A robust DAO is a constrained DAO. The holder-primacy doctrine is protected by structural brakes, not by promises. »

Eight principles — non-negotiable

#	PRINCIPLE	MEANING
01	Not money	RWA instruments are asset-backed certificates — never payment rails.
02	Issuer ≠ regulator	Structural separation. Independent oversight committee.
03	Tier-1 audits	Quarterly · physical and accounting verification.
04	130–150% overcollat.	On-chain verifiable margin.
05	Physical redemption	Right to withdraw the underlying.
06	Auto-arbitrage	Smart contract stabilization. No manual intervention.
07	Reserves on-chain	Daily updates. Public read.
08	Infra ≠ issuer	MANSSA never issues. SPVs do.

DAO governance framework

Voting	1 token = 1 vote
Anti-whale cap	5% / address (Sybil-aggregated)
Quorum	10% minimum
Timelock – ordinary	48 hours
Timelock – sensitive	168 hours
Security Council	7 mandataries · 5/7 quorum · suspension only
Audits	Annual · dual tier-1 cabinets · published 30d

Treasury P1 – P5.

« An honest trajectory is more credible than a spectacular target. The cardinal target stands. The path becomes precise. »

Cardinal target: 10 billion USD

Non-negotiable. Sovereign protocol treasury. The number is not aspirational — it is the minimum threshold for continental sovereign relevance. At 10 Bn USD, MANSSA enters the institutional conversation alongside established reserve protocols.

TIER	TREASURY	CENTRAL	HIGH	LOW
P1	100 M USD	T+12	T+9	T+18
P2	500 M USD	T+24	T+18	T+36
P3	1 Bn USD	T+36	T+24	T+48
P4	3 Bn USD	T+48	T+36	T+60
P5	10 Bn USD CARDINAL	2031–2032	2029–2030	2033–2034

T = TGE date. The 2031–2032 horizon is the central scenario. The 2029–2030 horizon corresponds to the high scenario.




Why 10 Bn is credible

Africa’s tokenizable RWA base is estimated at **4–7 trillion USD** in underlying value (*BCG Tokenization Report 2024*). MANSSA’s P5 represents **0.1–0.25% penetration**. The Protocol does not need to capture the continent — it needs to become the sovereign infrastructure standard the continent’s asset managers choose.



// SECTION · 06

Three entities. Operationally distinct.

ENTITY	JURISDICTION	ROLE
MANSSA Foundation (Stiftung)	 Switzerland	Protocol governance · IP holder · DAO constitutional anchor · ownerless
MANSSA Labs + Regulated entity	 Morocco — targeting Bill 42.25 (BAM + AMMC)	Regulated issuance (\$aAFRICA/\$gAFRICA) · LaunchLab · KETZAL · R&D
SPV per asset	 OHADA space (jurisdiction of each real asset)	Real-asset holding · bankruptcy-remote · sole issuer · risk bearer

Why this architecture

- **Swiss Stiftung** — the most proven ownerless structure globally for a protocol dedicated to a community of holders. Neutral, FATF-clean, reference-grade. IP and governance anchor.
- **Morocco — Bill 42.25** — the only jurisdiction combining African sovereignty signal, regulatory framework targeting crypto (BAM + AMMC), and maximum operational substance. First-mover positioning on the continent's emerging reference framework.
- **OHADA SPVs** — each real asset held by a dedicated, bankruptcy-remote vehicle in its asset's jurisdiction. Single issuer, single risk bearer, arm's-length from the protocol.

Desolidarization — six levels

Distinct: bank accounts · boards of directors · arm's-length inter-entity contracts · analytical accounting · operational premises · HR policies.

Distinct brand emails: foundation@manssa.io · labs@manssa.io · contact@manssa.io.

// STRUCTURAL

Operational desolidarization is a structural requirement. It is the architecture that makes "three entities" meaningful rather than nominal.

// SECTION · 07

Roadmap.

« *The Protocol builds before it launches.* »

PHASE	WINDOW	KEY MILESTONES
Pre-launch	Pre-TGE	Constitutional corpus signed · dual audits · Security Council operational · brand deposits · Swiss Stiftung + Morocco Labs registered · pre-submission dossier Bill 42.25 · MM mandates
TGE + Phase 1	T → T+12	TGE · bonding active · \$aAFRICA pilot · KETZAL oracle live · DAO operational · LaunchLab Cohort 1 · P1: 100 M USD
Phase 2	T+12 → T+36	\$gAFRICA live · KETZAL institutional services · Chainlink OCR bridge · LaunchLab Cohorts 2–4 · receivables + energy · P3: 1 Bn USD
Phase 3	T+36 → T+72	KETZAL continental scale · continental expansion · DAO constitutional audit · P5: 10 Bn USD (2031–2032)

// **PRE-TGE – NON-WAIVABLE**

Full governance framework operationalized · smart-contract dual audits completed · Security Council 7 mandataries legally mandated · constitutional corpus signed. **No TGE before these conditions are met.**

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« *MANSSA does not seek validators. It seeks pillars.* »

