

// AFRICA'S RESERVE PROTOCOL – EXECUTIVE SUMMARY

Litpaper

*Executive synthesis
for sovereign
allocators.*

// 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.

// 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 compute capacity — under a triple-jurisdiction legal architecture combining Abu Dhabi Global Market and Casablanca Finance City.

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**.

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// SECTION · 02

Five primitives. One ecosystem.

PRIMITIVE	FUNCTION	TOKENS
\$MANSSA Reserve	Treasury-backed reserve · protocol flywheel · First-Holder doctrine	\$MANSSA · sMANSSA
DAO Governance	On-chain arbitration · treasury allocation · First-Holder 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	–
HPC KETZAL	Sovereign compute · bicameral oracle · C1-C8 capabilities · Casablanca	–

// KETZAL – NOT A FOURTH PILLAR
 It is the engine that operates all three: pricing the RWA, simulating the DAO, powering the LaunchLab.

The flywheel

Treasury inflows → RWA acquisitions + KETZAL infrastructure → oracle revenues + RWA yields → deeper treasury → LaunchLab investments → portfolio returns → reinforce treasury.

Value does not exit the ecosystem. It compounds.



// SECTION · 03

Tokenomics core.

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

\$MANSSA – the reserve token

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

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
Community	5%	Initial distribution · ambassadors

Bonding mechanics

Bonding is not a trade. It is a commitment.

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

// SECTION · 04

Governance anti-ZiG.

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

Eight principles – non-negotiable

#	PRINCIPLE	MEANING
01	Not money	Asset-backed reserve. Never a payment rail.
02	Issuer ≠ regulator	Structural separation. Independent oversight.
03	Tier-1 audits	KPMG · BDO · PwC · Deloitte · EY – quarterly.
04	130–150% overcollat.	On-chain verifiable margin.
05	Physical redemption	Right to withdraw the underlying.
06	Auto-arbitrage	Smart contract stabilization. No manual.
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

// FIRST-HOLDER · OPPOSABLE

No TGE before full operationalization of the above framework. Absolute. *HOLDERS come first, always.*

// SECTION · 05

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.

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.

Why 10 Bn is credible

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



// SECTION · 06

Three entities. Operationally distinct.

ENTITY	JURISDICTION	REGIME	ROLE
MANSSA Foundation	Abu Dhabi	ADGM · DLT Foundation	Protocol governance · IP · DAO operator
MANSSA Ventures Ltd	Abu Dhabi	ADGM · FSRA Cat. 3C	Regulated financial activities · LaunchLab
MANSSA Labs SARL	Casablanca	CFC 8.75 %	Technical operations · HPC KETZAL

Why this stack

- **ADGM DLT Foundation** — only mature worldwide vehicle giving a Web3 protocol enforceable legal personality + holder-community as beneficiary.
- **FSRA Cat. 3C** — advisory · dealing · asset management — English-common-law framework recognized by 90 %+ of global institutional capital.
- **CFC 8.75 %** — Africa's lowest-cost regulated tech jurisdiction. 100+ tax treaties. Physical presence on African soil — sovereignty requirement, not convenience.

Desolidarization – six levels

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

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

// STRUCTURAL

Operational desolidarization is a structural requirement. Not an administrative preference. 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 · ADGM + CFC registrations · MM mandates
TGE + Phase 1	T → T+12	TGE · bonding · \$aAFRICA pilot · KETZAL 24xH100 · DAO operational · LaunchLab Cohort 1 · P1: 100 M USD
Phase 2	T+12 → T+36	\$gAFRICA live · KETZAL 32-40xH200 · oracle Layer 2 OCR · LaunchLab Cohorts 2-4 · receivables + energy · P3: 1 Bn USD
Phase 3	T+36 → T+72	KETZAL B200 incremental · 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 and filed. **No TGE before these conditions are met.** This is not a roadmap aspiration — it is a hard constraint.

Engage with MANSSA®

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Contact · contact@manssa.io

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Labs · labs@manssa.io

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

