



Lagos Rail Mass Transit Purple Line

Investment & Partnership Opportunities

EU Business Forum | Abidjan, 2026



Implementing Agency: Lagos Metropolitan Area Transport Authority (LAMATA)

Technical Advisor: GIZ CIVIC COMSSA

GIZ CIVIC COM SSA: Strategic Advisory



CIVIC & Nigeria Presence

- ✓ **Joint Multi-Donor Platform:** Integration of CFF and COM SSA under the CIVIC platform for climate-resilient infrastructure.
- ✓ **Transaction Advisor:** Facilitator engaging DFIs and stakeholders to unlock project financing opportunities.

LAMATA Engagement Status

- ✓ Lagos State participated in the CoM SSA city-selection and benchmarking; permanent presence established in Nigeria.
- ✓ **Formal Request Received:** LAMATA TA request for assistance in revalidating feasibility studies and strengthen access-to-finance pathways.

TECHNICAL INPUT PARAMETERS

- **Carefully Scoped:** Support remains priority-driven and strictly defined.
- **Resource Realistic:** supported by available expertise, inputs, and stakeholder consultations.
- **Collaborative:** Leveraging actors to strengthen and expand TA components.
- **Finance Focused:** DFIs engagement and Financial Advisory



Sponsor Profile: Lagos State Government (LASG)



🎯 VISION & STRATEGIC FOCUS

- ✔ **Vision:** Making Lagos Africa's Model Mega City and Global Financial Hub.
- ✔ **T.H.E.M.E.S.+ Agenda:** Core focus on Pillar 1 (Traffic Management & Transportation).
- ✔ **Governance:** Commitment to PPP, Private sector-led growth, and transparency.

★ KEY STRENGTHS & EXPERIENCE

- ✔ **Proven Track Record:** Successful implementation and operation of the Blue Line Electric Rail.
- ✔ **Innovation:** Pioneers in clean energy transit and Integrated Transport Ticketing (Cowry Card).
- ✔ **Alignment:** Strong synergy with the Federal Government and Global DFIs (World Bank, AfDB, AFD).
- ✔ **Expertise:** Highly dedicated cabinet team with deep cross-sectoral planning experience.



~22 Million
ESTIMATED POPULATION

\$47.9 Billion
GDP (2023) – 5TH LARGEST IN AFRICA

CRITICAL CHALLENGE

Funding Gap: Historical lack of adequate private sector participation remains the primary hurdle for infrastructure scaling.

LAMATA: Institutional Profile



Statutory Mandate

- ✓ Established in 2002 to plan, regulate, and implement an integrated, multi-modal transport system for Lagos State.
- ✓ Lead executing agency for the Strategic Transport Master Plan (STMP) covering 6 rail lines with 1 Monorail and 14 BRT corridors.

Operational Excellence

- ✓ **Track Record:** Successfully launched Sub-Saharan Africa's first BRT system, West Africa's first modern metro (Blue Line) and the Red Line rail services.
- ✓ **Governance:** Semi-autonomous agency ensuring professional project management and international standard compliance.



Vision: A world-class integrated transport system.

Lagos in Context: Why Urban Rail?



- ✓ **Megacity Dynamics:** Over 22 million residents; Africa's most populous city and economic engine.
- ✓ **Mobility Crisis:** Severe road congestion causing billions in annual productivity losses.
- ✓ **Strategic Vision:** The Transport Master Plan integrates 6 rail lines and 1 Monorail with BRT and ferry systems.
- ✓ **Emissions Goal:** Shifting millions from informal transit (over 75% of 22 million daily passenger trips) to high-capacity electric rail integrated with high-capacity regulated clean energy bus systems to meet climate targets.



Lagos Rail Mass Transit (LRMT) – Operational Overview

Line	Blue Line	Red Line
Length	27 km	37 km
Operation Status	Phase 1 operational: Marina ↔ Mile 2 (13 km)	Phase 1 operational: Agbado ↔ Oyingbo (27 km)
Operating Since	Passenger operations began 4 Sept 2023	Inaugurated 29 Feb 2024; commercial service for partial operations commenced October 15 th 2024.
Current Ridership	~10,000–15,000 passengers/day	~3,000–5,000 passengers/day
Daily farebox Revenue	~ ₦ 7.5m– ₦ 11m/day	~ ₦ 3m– ₦ 5m/day (Partial operations ongoing)



Purple Line: Technical Scope



- ✓ **Estimated Cost:** USD 2 billion/ Euro 1.7 billion
- ✓ **Proposed Construction Phasing:** To be completed in 2 phase (5-6 years)
- ✓ **Corridors Length:** 60km Electrified rail track
- ✓ **Infrastructure:** 17 stations, Elevated viaducts, standard gauge tracks, and modern depots.
- ✓ **Power/Signaling:** Electric Metro Rail, Dedicated Independent Power Plant (IPP) and CBTC signaling for high headways.
- ✓ **Intermodal:** Stations serve as interchanges for BRT, park-and-ride, and commercial TOD. Connecting Lagos and Ogun State
- ✓ **Ridership:** 600k/day → 1.3m/day (2032)
- ✓ **Delivery model :** Construction Through EPC

Construction Cost



Construction to be completed in 2 Phases (5-6 years)

Cost Head	Amount (M USD)
Station, Depot and Supporting Civil	1,193.73
Rails, Electrical, Machinery	439.90
SCADA, Signaling, Communication & Information System	118.05
Security & Surveillance	18.99
Survey & Design	13.09
General (5%)	89.19
Contingency (5%)	93.65
Total Capital Expenditure	1,966.60



Purple Line LAMATA: Source of Finance

\$1,966.6M

TOTAL INVESTMENT

90%

DEBT FUNDING

10%

Equity/Counterparty Contribution

Financial Structure Analysis

The Lagos Metropolitan Area Transport Authority (LAMATA) Purple Line project utilizes a highly leveraged financing model. With a **10:90 equity-to-debt ratio**, the project relies heavily on international Development Finance Institutions (DFIs) and concessional loans to drive Lagos's urban mobility expansion.

Financing Mode	Primary Source	Amount (M USD)	%
Equity / Contribution	Lagos State / LAMATA	\$196.66	10%
Debt / Concessional Loans	DFIs / Banks	\$1,769.94	90%
Total Project Funding		\$1,966.60	100%

Transaction Structure & Revenue Model



Category	Proposed Model	Key Risk Owner
PPP Type	Availability-payment vs Farebox-linked Concession	LAMATA / Private Partner
Revenue	Farebox, Advertising, TOD Leasing, Parking Fee	Consortium
Performance	Service level agreements (SLA) & deductions	Operator
Finance	Blended Finance (DFI Debt + LAMATA Equity)	Lenders / Shareholders

Procurement & Timeline



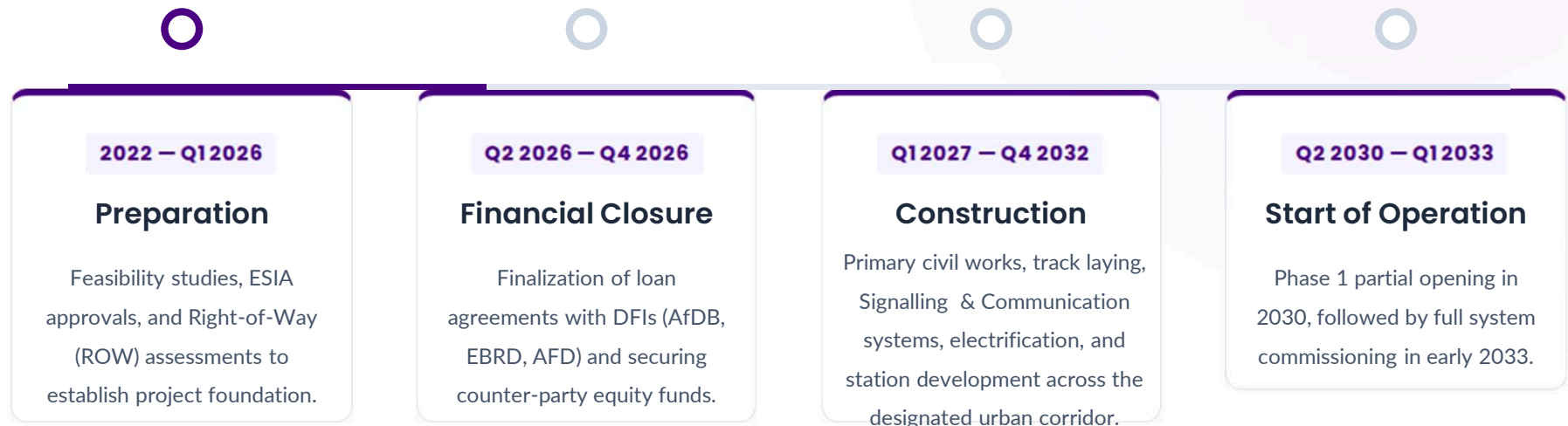
Current Status	Timeline/Stage	Strategic Remarks
Feasibility Study	COMPLETED (2022)	CPCS Canada; Potential re-validation requirements under review.
ESIA Study	UNDER APPROVAL	Funded by AfDB; Comprehensive environmental & social impact assessment.
RAP / ROW Assessment	COMPLETED	Right of Way assessment finalized. Resettlement Action Plan to commence soon.
DFI Engagement	ACTIVE	Core institutional partners engaged: AfDB, EBRD, and AFD.
Technical Advisor	ACTIVE	GIZ CIVIC COMSSA in Coordination with EUD Nigeria and DG-INTPA

Procurement & Timeline



Proposed to be constructed in 2 phases

Multi-phase roadmap from preparation through full-scale operational status.



Project Risk & Mitigation



Construction & Technical

KEY RISK

Construction cost overruns and delays.

MITIGANTS

Engagement of contractors with proven technical & financial expertise in African electric rail projects.



Land Acquisition

KEY RISK

Property and tenant displacement (ROW issues).

MITIGANTS

- Implementation of robust compensation mechanisms ensuring owners and tenants are duly remunerated.
- Engagement of an experienced RAP consultant to facilitate the process



Political & Economic

KEY RISK Revenue leakage & political instability.

MITIGANTS

- Cowry Card for fare revenue optimization.
- Emphasis on state continuity and diverse revenue (Ads, Franchises).



Environment & Climate

KEY RISK

Operational climate resilience.

MITIGANTS

- Robust climate action plan for transport sector.
- Leveraging implementation experience from the Blue Line electrified rail.



Project Preparation & Safeguards



- ✓ **E&S Readiness:** Full ESIA and RAP alignment with World Bank / IFC standards.
- ✓ **De-risking:** State-backed Land Acquisition Progress and Government Support Packages.
- ✓ **Gender & Inclusion:** Integrated station design for accessibility and safe transport for women.
- ✓ **Financial Modeling:** Robust demand model validated by international advisors.





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Next Steps & Call to Action

- ✓ **Investors/DFIs:** Welcome to Roundtable discussion.
- ✓ **EPC/OEMs:** Initiate consortium building for systems & O&M packages.
- ✓ **Consultants:** Engagement for specialized safeguards & technical advisory support.

"Partner with us to transform urban mobility in Africa's largest megacity."

Team & Contact Details



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