



III LUANDA FINANCING SUMMIT FOR AFRICA'S INFRASTRUCTURE DEVELOPMENT

Investment Prospectus – Electricity Supply to Niobonga Mining Company and Quilengues Municipality

PROJECT SUMMARY

Project Name	Electricity Supply to Niobonga Mining Company and Quilengues Municipality Strategic electricity supply initiative Niobonga niobium mining company Quilengues municipality regional development Angola, Industrial Pole integrated local ore processing facility value chain development economic diversification, integration national electrical system southern Angola region National Development Plan PDN 2023-2027 objective electrification 49% Angolan population, mining industry dynamization niobium strategic mineral processing local job creation poverty reduction Huíla Province
Location	SADC, Angola, Quilengues Municipality, Huíla Province Strategic location SADC Angola Quilengues Municipality Huíla Province southern region development, Southern Africa regional integration electricity supply cross-border cooperation, national grid interconnection southern Angola region potential regional cooperation energy infrastructure, national electrical system expansion southern Angola region territorial development, alignment Angolan government strategy interconnect southern region grid territorial energy integration AfDB railway line integration
Sector	Energy
Subsector	Transmission Lines (220 kV High Voltage) Transmission lines subsector electricity supply Niobonga mining company Quilengues municipality energy infrastructure, main line Matala-Lubango Leste-Ferrovia 220 kV AfDB financed strategic public investment infrastructure subcomponent, electricity transmission 220 kV line 85 km connection industrial scale capacity 4x larger than Chipindo project, Industrial Pole integrated ore processing facility modern electricity access municipality

Development Stage	S0 to S4C Development stage S0 to S4C project preparation competitive tender procedure private partner selection, identification approval IDF finance feasibility studies USD 950,000 higher preparation cost than Chipindo due larger scale, project structuring Environmental Impact Assessment EIA feasibility study preparation Industrial Pole integration, competitive tender procedure private partner selection implementation capacity excellent banking relationships construction schedule compliance performance indicators KPIs
Project Sponsor	Ministry of Energy and Water (MINEA) Main sponsor Ministry of Energy and Water MINEA ministerial coordination MINPLAN MINFIN MIREMPET ANRM, alignment Angolan government strategy expand national electrical system southern Angola region, National Development Plan PDN 2023-2027 objective electrification 49% Angolan population regional development, business-friendly environment necessary licenses availability structuring phase avoid implementation delays project, AfDB coordination railway line integration strategic infrastructure Matala-Lubango Leste-Ferrovia 220 kV
Project Cost	Total: USD 52,714,000 (4x LARGER than Chipindo USD 13.7M) Total project cost USD 52,714,000 representing 4x larger investment than Chipindo project demonstrating industrial scale capacity, CAPEX USD 52 million OPEX proportional Feasibility Study USD 950,000 higher preparation cost due project complexity scale, IRR 15% financial viability attractive return investment private partners investors, niobium strategic mineral processing Industrial Pole value chain development economic diversification, capital structure 40% equity 60% debt financing investment viability alternative 90% shareholder loans 10% equity flexibility
Strategic Importance	Exceptional alignment Angola government strategy expand national electrical system southern region – subcomponent Matala-Lubango Leste-Ferrovia 220 kV AfDB financed line with Industrial Pole development Exceptional strategic importance alignment Angolan government strategy national electrical system expansion southern Angola region, main line subcomponent Matala-Lubango Leste-Ferrovia 220 kV AfDB financed strategic public investment infrastructure railway integration, direct contribution electrification target 49% established National Development Plan PDN 2023-2027, fundamental initiative energy distribution improvement regional development boost Industrial Pole local ore processing value chain economic diversification, territorial energy integration national grid interconnection southern region country

FINANCIAL OVERVIEW

Total Project Cost	Total: USD 52,714,000 (4x LARGER than Chipindo USD 13.7M) Total investment USD 52,714,000 representing 4x larger scale than Chipindo project industrial capacity development, CAPEX USD 52 million operational OPEX proportional Feasibility Study USD 950,000 higher preparation cost project complexity, financing structure equity 40% debt 60% project economic viability, IRR 15% financial viability attractive return private partners international investors, niobium strategic mineral processing Industrial Pole economic diversification value chain development local ore processing facility
Capital Structure	Equity 40% - Debt (Financing) 60%; Alternative: Shareholder Loans 90% - Pure Equity 10% Flexible capital structure equity 40% debt financing 60% investment viability industrial scale project, alternative shareholder loans 90% pure equity 10% financial needs adaptation larger investment requirements, competitive tender procedure private partner selection excellent relationships banking financial institutions, implementation capacity construction schedule compliance performance indicators KPIs project financial sustainability Industrial Pole development
Financial Metrics	IRR: 15% Financial metrics IRR Internal Rate Return 15% project economic viability attractive investors industrial scale capacity, sustainable return investment private partners financial institutions niobium strategic mineral processing, Industrial Pole local ore processing facility value chain development economic diversification, hybrid revenue model negotiated market revenues Niobonga mining company fixed revenues ENDE revenue sources diversification, financial viability support Angola regional development Huíla Province
Revenue Model	Hybrid model: Negotiated (market) revenues for Niobonga mining and non-negotiated (fixed) revenues for ENDE Hybrid revenue model revenue sources diversification negotiated market revenues Niobonga mining company niobium strategic mineral processing, fixed revenues ENDE National Electricity Distribution Company financial stability, current demand 30 MW projected 100 MW with Industrial Pole development significant energy consumption growth industrial scale, financial sustainability operations electricity supply mining company Industrial Pole Quilengues municipality
Market Demand	Current: 30 MW; Projected: 100 MW (with Industrial Pole) Market demand current 30 MW projected 100 MW with

	Industrial Pole development industrial scale capacity, Niobonga mining company electricity supply niobium strategic mineral processing local ore processing facility, mining industry dynamization Industrial Pole small medium enterprises emergence local job creation industrial employment, electricity supply industrial scale capacity clean energy environmental benefits sustainable mining practices
Economic Returns	Industrial Pole value chain development and local ore processing economic diversification Economic viability demonstrated Industrial Pole local ore processing facility value chain development economic diversification beyond extraction, Niobonga mining company niobium strategic mineral processing operational efficiency improvement clean energy transition, local economic development multiplier effects mining industry dynamization Industrial Pole, job creation skills development technical training processing operations small medium enterprises development regional economic growth Huíla Province
Financing Requirements	USD 52,714,000 total investment (4x larger than Chipindo) Financing requirements USD 52,714,000 representing industrial scale investment 4x larger than Chipindo project, financing structure equity 40% debt 60% alternative shareholder loans 90% pure equity 10% capital structure flexibility, hybrid revenue model negotiated Niobonga mining company revenues fixed ENDE revenues financial sustainability, competitive tender procedure private partner excellent banking relationships capabilities construction schedule compliance KPIs, preparation funding USD 950,000 IDF higher due project complexity scale

SUSTAINABILITY AND IMPACT	
Social Impact	Mining industry dynamization niobium strategic mineral with Industrial Pole local ore processing facility value chain jobs creation Transformative social impact mining industry dynamization niobium strategic mineral Industrial Pole local ore processing facility value chain jobs creation, SMEs development industrial employment local jobs creation poverty reduction Quilengues Huíla region, regional economic diversification beyond extraction skills development technical training processing operations, local economy strengthening investment attraction sustainable job creation growth, communities quality life improvement modern sustainable energy access industrial development
Environmental Impact	Niobonga project will have significantly positive environmental impact with Industrial Pole environmental

	standards compliance modern processing technologies Exceptionally positive environmental impact diesel generators dependence elimination clean energy direct environmental pollution reduction, mining operations alignment sustainable environmentally responsible practices Industrial Pole environmental standards compliance, modern processing technologies greenhouse gas emissions reduction climate change mitigation contribution, low carbon economy transition sustainable mining practices green development Industrial Pole local ore processing environmental efficiency
Strategic Importance	Full alignment with Angolan government strategy expand national electrical system southern region – subcomponent Matala-Lubango Leste-Ferrovia 220 kV AfDB financed line with Industrial Pole development Exceptional strategic importance alignment Angolan government strategy national electrical system expansion southern Angola region, main line subcomponent Matala-Lubango Leste-Ferrovia 220 kV AfDB financed strategic public investment infrastructure railway integration, direct contribution electrification target 49% established National Development Plan PDN 2023-2027, fundamental initiative energy distribution improvement regional development boost Industrial Pole, territorial energy integration national grid interconnection southern region country
Regional Development	Direct contribution regional development through electrification southern Angola region with Industrial Pole economic diversification Transformative regional development direct contribution southern Angola region electrification territorial energy integration Industrial Pole economic diversification, national grid interconnection southern region country energy infrastructure development, investment attraction local economy dynamization sustainable job creation industrial employment, mining value chain strengthening niobium strategic mineral small medium enterprises support Industrial Pole, SADC Angola regional integration electricity supply cross-border cooperation potential Southern Africa regional expansion
SDGs and Agenda 2063 Alignment	SDG 7: Affordable and Clean Energy; SDG 9: Industry Innovation Infrastructure (Industrial Pole); SDG 13: Climate Action; Agenda 2063: Aspirations 1 and 7 Strategic alignment SDG 7 Affordable Clean Energy reliable sustainable modern affordable energy access mining company Industrial Pole municipality, SDG 9 Industry Innovation Infrastructure Industrial Pole local ore processing facility value chain development, SDG 13 Climate Action greenhouse gas emissions reduction diesel elimination clean energy transition, Agenda 2063 Aspiration 1

	Prosperous Africa inclusive growth sustainable development local economy dynamization Industrial Pole, Agenda 2063 Aspiration 7 Sustainable Resilient Economies climate change resilient clean energy transition environmentally responsible practices
Industrial Pole Development	Integrated local ore processing facility value chain development economic diversification unique feature vs Chipindo Industrial Pole integrated local ore processing facility value chain development economic diversification unique differentiator Chipindo simple electricity supply, niobium strategic mineral processing local value addition skills development technical training, industrial employment creation small medium enterprises development regional economic growth, modern processing technologies environmental standards compliance sustainable practices, demand growth 30 MW current 100 MW projected Industrial Pole development industrial scale capacity
Long-term Sustainability	Sustainable operation hybrid revenue model regional economic development Industrial Pole value chain Long-term sustainability sustainable operation hybrid revenue model negotiated Niobonga mining company revenues fixed ENDE revenues, regional economic development mining industry dynamization Industrial Pole economic diversification, clean energy transition environmentally responsible sustainable practices, mining value chain strengthening Industrial Pole small medium enterprises support, sustainable development objectives contribution SDG 7 SDG 9 SDG 13 Agenda 2063 prosperous sustainable Africa

TECHNICAL DETAILS	
Project Description	Transmission electricity 220 kV line 85 km connection Matala-Lubango Leste-Ferrovia main line AfDB financed with Industrial Pole integration Technical description electricity transmission 220 kV line 85 km connection Matala-Lubango Leste-Ferrovia main line AfDB financed strategic infrastructure railway integration, objective supply Niobonga mining operations 30 MW expandable 100 MW Industrial Pole development, Quilengues municipality connection national grid modern electricity access, high voltage transmission infrastructure industrial scale capacity 4x larger than Chipindo project
Technology and Design	Part of main line Matala-Lubango Leste-Ferrovia 220 kV AfDB financed with Industrial Pole integration Advanced technology design main line Matala-Lubango Leste-Ferrovia 220 kV AfDB financed public investment initiative railway

	<p>integration, private partner scope electricity transmission 220 kV line 85 km associated Niobonga mining company energy supply Industrial Pole, high voltage transmission infrastructure modern efficient electricity supply reliable industrial scale capacity, Industrial Pole integrated ore processing facility modern electricity access Quilengues municipality inhabitants</p>
Beneficiary Mining Company	<p>Niobonga (1 company - niobium strategic mineral) vs Chipindo 4 companies gold/iron Beneficiary mining company Niobonga niobium strategic mineral processing vs Chipindo 4 companies gold iron different scale focus, electricity supply niobium strategic mineral Industrial Pole local ore processing facility, clean energy operational costs reduction environmental benefits, Industrial Pole value chain development economic diversification local ore processing facility, sustainable mining practices operations alignment environmentally responsible Industrial Pole environmental standards, Quilengues Huíla region mining industry dynamization local economic development</p>
Capacity/Size	<p>30 MW current → 100 MW projected (with Industrial Pole) - Industrial scale vs Chipindo smaller capacity Industrial scale capacity 30 MW current 100 MW projected Industrial Pole development vs Chipindo smaller municipal mining supply, current demand 30 MW expandable 100 MW Industrial Pole development industrial employment creation, 220 kV transmission capacity high voltage infrastructure vs Chipindo 30 kV distribution, Industrial Pole integrated ore processing facility value chain development economic diversification, model replication potential other Angola regions national development territorial energy integration</p>
Infrastructure Components	<p>220 kV transmission line 85 km + Industrial Pole integration (vs Chipindo 30 kV 15 km) Infrastructure components 220 kV transmission line 85 km connection Matala-Lubango Leste-Ferrovía main line AfDB financed vs Chipindo 30 kV 15 km smaller scale, Industrial Pole integrated ore processing facility modern technology electricity Quilengues municipality inhabitants, high voltage transmission infrastructure advanced technology reliable efficient electricity supply guarantee industrial scale, national electrical system integration southern Angola region AfDB railway integration strategic infrastructure</p>
Construction/Preparation Schedule	<p>Feasibility studies preparation USD 950,000 followed by phased implementation Construction preparation schedule IDF identification approval finance technical economic environmental social feasibility studies USD 950,000 higher preparation cost due project complexity scale vs Chipindo USD 500,000, competitive tender procedure realization private partner selection implementation capacity excellent</p>

	banking relationships, phased construction 220 kV transmission line Industrial Pole integration, transmission system implementation clean energy transition sustainable practices
AfDB Railway Integration	Strategic integration Matala-Lubango railway line 220 kV AfDB financed infrastructure unique feature Strategic integration Matala-Lubango Leste-Ferrovia railway line 220 kV AfDB financed infrastructure unique differentiator vs Chipindo standalone project, coordination AfDB strategic infrastructure railway integration electricity transmission, synergies development railway electricity infrastructure regional connectivity, government coordination AfDB partnership strategic infrastructure development southern Angola region
Purchase and Sale Agreements	Hybrid model negotiated Niobonga mining company revenues fixed ENDE revenues with Industrial Pole Purchase sale agreements hybrid model negotiated market revenues Niobonga mining company niobium strategic mineral processing flexibility, fixed revenues ENDE National Electricity Distribution Company financial stability, electricity supply contracts project economic viability guarantee Industrial Pole development, revenue sources diversification private partner operations financial sustainability demand growth 30 MW 100 MW projected

RISK MANAGEMENT	
Risk Assessment	Financing Risk: Private; Licensing Risk: Public; Demand Risk: Private (Industrial Pole development dependent); Political Risk: Public; Technical Risk: AfDB integration coordination Risk assessment private financing risk competitive tender procedure private partner selection excellent banking relationships industrial scale investment, public licensing risk business-friendly environment necessary licenses availability structuring phase, private demand risk Industrial Pole development dependent 30 MW 100 MW projected growth, public political risk Angolan government stability regional development support, technical risk AfDB integration coordination railway electricity infrastructure
Mitigation Measures	Competitive tender private partner excellent banking, AfDB strategic infrastructure backing railway integration, Industrial Pole business case ore processing economic viability Mitigation measures implement competitive tender procedure private partner selection demonstrate greatest capacity implement project excellent relationships banking financial institutions industrial scale, AfDB strategic

	<p>infrastructure backing railway integration electricity transmission coordination, Industrial Pole business case ore processing economic viability demand growth 30 MW 100 MW justification, business-friendly environment provide necessary licenses structuring phase avoid implementation delays, contractual guarantees private partners investment protection</p>
Regulatory Risks	<p>Ministerial coordination MINEA-MINPLAN-MINFIN-MIREMPET-ANRM + AfDB coordination ensure stable regulatory environment Regulatory risks mitigated ministerial coordination MINEA Ministry Energy Water MINPLAN Planning MINFIN Finance MIREMPET Mineral Resources ANRM, AfDB coordination railway integration strategic infrastructure, stable regulatory environment favorable private investment project development Industrial Pole, necessary licenses availability structuring phase guarantee implementation schedule compliance, legal framework support public-private partnerships Angola energy sector</p>
Environmental and Social Safeguards	<p>Environmental Impact Assessment (EIA) during feasibility study preparation ensure project benefits communities sustainable development Industrial Pole environmental standards Environmental social safeguards Environmental Impact Assessment EIA during feasibility study preparation ensure project benefits communities sustainable development Industrial Pole, clean energy environmental benefits Industrial Pole environmental standards compliance modern processing technologies, sustainable mining practices operations alignment environmentally responsible, local communities consultation participation project development Industrial Pole social economic benefits region</p>
Technical Risk	<p>National electrical system integration main line Matala-Lubango Leste-Ferrovia 220 kV AfDB integration coordination Technical risk mitigated national electrical system integration main line Matala-Lubango Leste-Ferrovia 220 kV AfDB financed strategic public investment infrastructure railway integration, 220 kV transmission technology proven reliable high voltage infrastructure industrial scale, technical coordination private partner national authorities AfDB system compatibility guarantee, transmission infrastructure operation maintenance international quality standards Industrial Pole integration</p>
Market Risk	<p>Strong demand growth projection 30 MW to 100 MW with Industrial Pole development Market risk minimized through strong demand growth projection current 30 MW projected 100 MW Industrial Pole development industrial scale capacity, Niobonga mining company niobium strategic mineral processing, Industrial Pole local ore processing</p>

	facility value chain development economic diversification, hybrid revenue model diversification negotiated mining company revenues fixed ENDE utility revenues, government support mining sector development Industrial Pole policy framework
Financial Risk Mitigation	Strong financial returns IRR 15% and Industrial Pole value chain development attractive economics Financial viability demonstrated IRR 15% attractive returns private investors international financial institutions industrial scale, Industrial Pole local ore processing facility value chain development economic diversification strong economic justification, flexible capital structure options 40% equity 60% debt alternative 90% shareholder loans 10% equity, government support AfDB partnership policy framework, preparation funding USD 950,000 IDF higher due project complexity, competitive tender process ensures optimal private partner selection financial capacity

KEY STAKEHOLDERS	
Sponsors	MINEA-MINPLAN-MINFIN-MIREMPET-ANRM + AfDB coordination railway integration Government sponsors MINEA Ministry of Energy and Water main sponsor ministerial coordination, MINPLAN Ministry of Planning alignment National Development Plan PDN 2023-2027 objective electrification 49%, MINFIN Ministry of Finance financing structure investment support, MIREMPET Ministry of Mineral Resources Petroleum and Gas mining sector coordination, ANRM National Agency of Mineral Resources mining licensing regulation, AfDB coordination railway integration strategic infrastructure Matala-Lubango Leste-Ferrovia 220 kV
Investors	AfDB (key partner railway line)-AFC-World Bank-EU-IFC International investors AfDB African Development Bank key partner railway line integration Matala-Lubango Leste-Ferrovia 220 kV strategic infrastructure financing, AFC Africa Finance Corporation African infrastructure investment, World Bank sustainable development support Industrial Pole, EU European Union Africa development cooperation programs, IFC International Finance Corporation private sector development, international financing sources diversification Angola energy project support Industrial Pole development
Direct Beneficiaries	Niobonga mining company (niobium strategic mineral) and Quilengues Municipality with Industrial Pole Direct beneficiaries Niobonga mining company electricity supply niobium strategic mineral processing Industrial Pole local

	<p>ore processing facility, Quilengues municipality Huila Province local population modern sustainable energy access quality life improvement, Industrial Pole value chain development economic diversification industrial employment creation, local economy dynamization skills development technical training processing operations job creation</p>
Private Partner	<p>To be selected through competitive tender procedure industrial scale capacity Private partner selection through competitive tender procedure implementation capacity excellent banking relationships financial institutions industrial scale investment, capabilities meet construction schedules performance indicators KPIs project Industrial Pole, energy sector experience electricity transmission distribution 220 kV high voltage, capital structure 40% equity 60% debt financing industrial capacity, construction operation responsibility transmission system Industrial Pole integration</p>
Contractors and Operators	<p>Selected private partner responsible transmission system construction operation Industrial Pole Contractors operators selected private partner competitive tender procedure responsible transmission system construction operation Industrial Pole, specialized construction companies electrical infrastructure transmission 220 kV high voltage, technical operators system maintenance reliable efficient electricity supply guarantee industrial scale, local subcontractors contracts job creation technical capacity development region Industrial Pole skills development</p>
Legal and Financial Consultants	<p>PPP project legal financial structuring support Industrial Pole integration Legal financial consultants public-private partnership project legal financial structuring support Industrial Pole integration, legal advisory concession contracts electricity supply agreements Industrial Pole, financial consultancy capital structure IRR 15% economic viability industrial scale, technical environmental social due diligence Industrial Pole, regulatory advisory environmental licensing Environmental Impact Assessment EIA Industrial Pole environmental standards</p>

PATH FORWARD

Investment Ask	<p>USD 52,714,000 total investment electricity transmission infrastructure Industrial Pole (4x larger than Chipindo) Equity financing requirements 40% approximately USD 21.1 million private partner contribution industrial scale, debt financing 60% approximately USD 31.6 million banking financial institutions, alternative financing structure 90% shareholder loans 10% pure equity flexibility industrial capacity, preparation funding USD 950,000 IDF Infrastructure Development Fund feasibility studies higher cost due project complexity, competitive tender procedure private partner selection excellent banking relationships construction capabilities Industrial Pole</p>
Next Steps	<p>IDF identification approval feasibility studies USD 950,000, competitive tender procedure private partner selection, phased construction implementation Industrial Pole Feasibility studies preparation technical economic environmental social assessment IDF Infrastructure Development Fund financing USD 950,000, competitive tender procedure private partner selection implementation capacity excellent banking relationships industrial scale, phased construction 220 kV transmission line Industrial Pole integration, transmission system implementation clean energy transition sustainable mining practices Industrial Pole environmental standards</p>
Implementation Timeline	<p>Phased preparation and implementation schedule Industrial Pole development Phase 1 IDF approval USD 950,000 feasibility studies technical economic environmental preparation Industrial Pole 15 months, Phase 2 competitive tender procedure private partner selection financing structuring 9 months, Phase 3 construction implementation 220 kV transmission line Industrial Pole integration 24 months, Phase 4 testing commissioning operations start electricity supply Niobonga mining company Industrial Pole municipality, total project timeline 48 months preparation to operations</p>
Success Metrics	<p>Performance indicators KPIs project quality electricity supply Industrial Pole development, social impacts mining industry dynamization Industrial Pole local ore processing facility job creation Performance monitoring evaluation project KPIs quality electricity supply Industrial Pole, social</p>

	<p>impacts mining industry dynamization niobium strategic mineral processing Industrial Pole local ore processing facility job creation skills development, environmental impacts pollution reduction clean energy transition Industrial Pole environmental standards, demand growth 30 MW 100 MW projected Industrial Pole development, electrification objective 49% contribution PDN 2023-2027</p>
Model Replication	<p>Model replication potential other Angola regions national development Industrial Pole concept Model replication potential other Angola regions national development territorial energy integration Industrial Pole concept, national electrical system expansion mining industrial development support, Niobonga Quilengues project lessons learned application other municipalities Industrial Pole development, Angola energy sector strengthening economic diversification oil dependence reduction Industrial Pole value chain, sustainable development objectives contribution Agenda 2063</p>
Regional Integration	<p>SADC regional integration energy cooperation Southern Africa Industrial Pole development SADC Angola regional integration energy cooperation Southern Africa cross-border infrastructure development Industrial Pole, regional electricity cooperation potential national systems interconnection, experiences sharing best practices mining sector energy supply Industrial Pole development, SADC regional economic integration contribution bilateral relations strengthening, Southern Africa regional development objectives energy sustainability support Industrial Pole concept</p>
Long-term Sustainability	<p>Sustainable operation hybrid revenue model regional economic development Industrial Pole value chain Long-term sustainability sustainable operation hybrid revenue model negotiated Niobonga mining company revenues fixed ENDE revenues, regional economic development mining industry dynamization Industrial Pole economic diversification, clean energy transition environmentally responsible sustainable practices Industrial Pole environmental standards, mining value chain strengthening Industrial Pole small medium enterprises support, sustainable development objectives contribution SDG 7 SDG 9 SDG 13 Agenda 2063 prosperous sustainable Africa</p>

Contact Information	<p>Ministry of Energy and Water (MINEA)</p> <p>Project: Electricity Supply to Niobonga Mining Company and Quilengues Municipality</p> <p>Main Sponsor: Ministry of Energy and Water (MINEA) + AfDB Railway Integration</p> <p>Location: SADC, Angola, Quilengues Municipality, Huíla Province</p> <p>Sector: Energy - Transmission Lines (220 kV High Voltage)</p> <p>Investment: USD 52,714,000 (4x larger than Chipindo)</p> <p>Special Features: Industrial Pole + AfDB Railway Integration</p> <p>Status: S0-S4C Preparation and Feasibility Studies</p> <p>Email: minea@governo.gov.ao</p> <p>Phone: +244 222 310 200</p> <p>Website: www.minea.gov.ao</p>
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