



## III LUANDA FINANCING SUMMIT FOR AFRICA'S INFRASTRUCTURE DEVELOPMENT

### Investment Prospectus – Luanda Datacenter Expansion

#### PROJECT SUMMARY

<b>Project Name</b>	Luanda Datacenter Expansion   Strategic digital infrastructure Angola, African Union Digital Transformation Strategy 2020-2030, PIDA PAP 3 priorities, Angola Digital 2027 alignment, SADC regional integration, African data sovereignty, FIRST ICT project LFS 2025 portfolio sector diversification towards digital economy continental technological development
<b>Location</b>	Angola   Strategic positioning SADC digital hub Luanda, SACS submarine cable connectivity South Atlantic Cable System international connectivity, regional integration opportunities SADC Digital Economy Framework, capital city centrality political economic Angola national regional technological development
<b>Sector</b>	ICT (Information Communication Technology)
<b>Subsector</b>	ICT   Datacenter Infrastructure Cloud Computing advanced digital services, colocation managed hosting disaster recovery business continuity, specialization critical digital infrastructure supporting scientific observatory remote sensing systems AngoSat satellite integration potential, vertical integration telecommunications spatial data geospatial processing analysis
<b>Development Stage</b>	Project in preparation phase with ongoing studies seeking financing for technical preparation and risk reduction   S2-S3 Preparation Feasibility Studies 4 months preparation completed project ready financing, technical documentation available licensing progress, stakeholder coordination government private sector resource mobilization preparation implementation
<b>Project Sponsor</b>	Angola Cables   National telecommunications operator submarine cable SACS operator satellite AngoSat infrastructure experience, coordination Ministry Telecommunications Information Communication

	Technology Social regulatory framework government support digital transformation agenda, Angola Digital 2027 strategy alignment government priorities e-government initiatives business-friendly environment licenses availability
<b>Project Cost</b>	USD 23.98 million   Total investment USD 23.98 million datacenter expansion 348 racks 2.5 MVA energy capacity, financing gap 80% cost approximately USD 19.2 million, colocation cloud computing services supporting growing demand digital services Angola transformation digital economy knowledge-based technology
<b>Strategic Importance</b>	Strategic alignment with Agenda 2063 and African Continental Free Trade Area   FIRST ICT project LFS portfolio digital sovereignty African development priorities, SADC regional hub positioning Southern Africa integration, Angola Digital 2027 strategy implementation continental digital infrastructure development, sector diversification LFS portfolio digital economy AfCFTA digital trade support

FINANCIAL OVERVIEW	
<b>Total Project Cost</b>	USD 23.98 million   Total investment USD 23.98 million datacenter infrastructure expansion, 348 racks capacity 2.5 MVA energy, colocation cloud computing services supporting digital transformation Angola knowledge-based economy, preparation phase completed project ready financing investment mobilization
<b>Capital Structure</b>	Equity plus investor or financing   NOT DEFINED seeking investors source explicitly states NO investors closed yet, financing gap 80% cost approximately USD 19.2 million, equity debt structure to be determined blended finance opportunities development partners, international development finance institutions commercial banks potential
<b>Financial Metrics</b>	Direct investment in project or medium-long term financing   TO BE DETERMINED based business case IRR NPV payback calculations pending detailed feasibility studies, market demand analysis required revenue projections development, commercial viability assessment competitive analysis digital services growth Angola
<b>Revenue Model</b>	Monthly revenue projected according to business plan available for sharing with interested parties   Diversified digital services colocation services cloud computing IaaS PaaS SaaS, connectivity bandwidth managed hosting disaster recovery business continuity, satellite data services AngoSat integration potential, business plan available sharing interested parties

<b>Market Demand</b>	Beyond datacenter services demand we already have clients requesting increases in their installed capacity   Strong growth digital services Angola government digitalization e-government initiatives Angola Digital 2027, enterprise sector oil gas mining financial services, existing clients requesting capacity increases, cloud adoption SMEs start-ups cost optimization regional SADC cross-border data flows AfCFTA
<b>Financial Projections</b>	Under development   Business case elaboration preparation phase market study competitive analysis, revenue demand modeling operational cost projections, financial structuring blended finance development partners negotiations, detailed feasibility studies technical financial market environmental social legal risk analysis
<b>Financing Requirements</b>	Financing amount we seek is approximately 80% of total cost   USD 19.2 million financing gap 80% cost investment mobilization blended finance structure, development finance institutions commercial banks government support strategic infrastructure, preparation financing completed project ready implementation

## SUSTAINABILITY AND IMPACT

<b>Social Impact</b>	Promotes innovation and growth of local digital economy. Creation of highly qualified employment   Technology sector employment skills development direct indirect jobs datacenter operations IT technical support, technical training programs international certification datacenter management cloud computing, start-ups incubation Angola Digital Innovation Centre university partnerships youth employment technology sector
<b>Environmental Impact</b>	In Angola Environmental Authority requires Environmental Impact Assessment (EIA) for datacenter projects based on Article 15 of Environmental Law No. 5/98   Green datacenter operations EIA compliance Environmental Impact Assessment required Lei nº 5/98 Artigo 15º, green building energy efficiency cooling water management noise environmental standards, GHG emissions 16 kt CO <sub>2</sub> eq/year absolute 0 kt CO <sub>2</sub> eq/year relative renewable energy integration opportunities
<b>SDGs and Agenda 2063 Alignment</b>	Datacenter Expansion Project fully aligned with African Union Agenda 2063 "The Africa We Want" and United Nations Sustainable Development Goals (SDGs)   Strategic alignment SDG 4 Education quality technical training, SDG 9 Industry Innovation Infrastructure datacenter critical digital infrastructure, SDG 13 Climate Action green operations

	environmental monitoring, SDG 17 Partnerships implementation government private sector international cooperation, Agenda 2063 digital transformation African development continental integration
<b>Digital Transformation Impact</b>	Angola Digital 2027 strategy implementation   Critical infrastructure supporting Angola Digital 2027 strategy e-government digitalization initiatives, digital services accessibility citizens businesses improved connectivity, SMEs start-ups affordable cloud services digital transformation economic inclusion, universities research institutions high-performance computing support technology sector ecosystem development
<b>Regional Integration</b>	SADC digital hub positioning   Southern Africa regional integration cross-border connectivity services, regional clients SADC cross-border data flows digital trade AfCFTA continental free trade support, international organizations development partners regional presence, knowledge transfer best practices digital infrastructure development
<b>Innovation and Technology Transfer</b>	Satellite integration potential   AngoSat satellite earth observation telecommunications data processing potential, ground station equipment satellite communication specialized systems, data analytics platform AI machine learning environmental monitoring applications, value-added services satellite data government enterprise clients

TECHNICAL DETAILS	
<b>Project Description</b>	Project aims to expand installed capacity with objective to support growing demand for digital services ensure greater resilience in data management and promote digital transformation in country   Datacenter expansion 348 racks 2.5 MVA energy supporting growing demand digital services Angola, greater data management resilience disaster recovery business continuity, digital transformation promotion knowledge-based economy, strategic positioning SADC digital hub regional connectivity
<b>Technology and Design</b>	Datacenter with Tier III certification   Advanced technology design Tier III Uptime Institute standards 99.982% uptime reliability target, energy efficiency green operations environmental sustainability, ISO 27001 security management ISO 22301 business continuity international certifications potential, N+1 redundancy maintenance contracts vendors equipment reliability
<b>Capacity and Size</b>	Capacity for 348 Racks and 2.5 MVA energy   348 Racks 2.5 MVA energy capacity datacenter expansion demonstrating scalability growth potential, supporting

	projected demand growth digital services Angola, modular design future expansion capability capacity scaling, efficient space utilization density optimization international standards
<b>Infrastructure Components</b>	Advanced infrastructure UPS systems chillers cooling generators backup power fiber connectivity   UPS uninterruptible power supply systems, chillers cooling systems temperature management, generators backup power fuel management, fiber connectivity multiple paths redundancy, servers networking storage equipment technology integration, security services 24/7 monitoring access control
<b>Construction Timeline</b>	Construction timeline will vary according to construction proposals between 12 to 18 months   12-18 months construction, project development to prepare for construction approximately 4 months preparation completed, datacenter infrastructure installation commissioning, operations commercial operations start, stakeholder coordination government approvals construction permits
<b>Service Level Agreements</b>	High availability target   Service level agreements 99.982% uptime target Tier III standards, anchor tenant agreements government ministries potential, enterprise clients oil gas mining financial sectors, satellite data services AngoSat processing potential, competitive pricing structure regional benchmarks
<b>Satellite Integration Potential</b>	AngoSat earth observation telecommunications   Potential dedicated satellite data processing center AngoSat integration, ground station equipment satellite communication 24/7 operations monitoring, data analytics platform AI machine learning environmental monitoring, specialized cooling high-performance computing satellite data processing, integration existing Angola Cables network infrastructure SACS submarine cable
<b>Connectivity Infrastructure</b>	SACS submarine cable multiple fiber paths   Strategic connectivity SACS South Atlantic Cable System submarine cable Luanda-Fortaleza Brazil international connectivity, multiple fiber paths redundancy terrestrial networks, AngoSat satellite backup connectivity options potential, telecommunications carriers international connectivity bandwidth providers

RISK MANAGEMENT	
<b>Risk Assessment</b>	Risks assessed were environmental and social properly addressed in current project design   Technical risk MEDIUM datacenter Tier III complexity standards mitigated

	<p>Angola Cables experience, Financial risk MEDIUM USD 23.98M investment no investors closed yet financing gap 80%, Market risk LOW growing demand digital services government enterprise Angola Digital 2027, Regulatory risk LOW government support Ministry ICT favorable environment</p>
<b>Regulatory Risks</b>	<p>In Angola Environmental Authority requires Environmental Impact Assessment (EIA) for datacenter projects based on Article 15 of Environmental Law No. 5/98   Data localization telecommunications licensing compliance Environmental Impact Assessment required, environmental permits construction operations EIA compliance Lei nº 5/98, cybersecurity regulations data protection compliance international standards</p>
<b>Mitigation Measures</b>	<p>International consultants government support anchor tenants   Technical risk mitigation international consultants Tier III design certification, Financial risk blended finance government support strategic infrastructure, Market risk anchor tenant agreements government long-term contracts revenue security, Regulatory risk early engagement Ministry ICT proactive compliance</p>
<b>Environmental and Social Safeguards</b>	<p>Project greenhouse gas (GHG) emissions estimated at 16 (absolute) and 0 (relative) kt CO<sub>2</sub>eq/year   Environmental Impact Assessment EIA cooling water management noise environmental standards Lei nº 5/98, GHG emissions 16 kt CO<sub>2</sub>eq/year absolute 0 kt CO<sub>2</sub>eq/year relative, Green building energy efficiency renewable integration potential, Social safeguards community engagement local employment skills development</p>
<b>Operational Risks</b>	<p>Power equipment cybersecurity contingency   Power outages mitigation dual utility feeds backup generators fuel management, Equipment failure N+1 redundancy maintenance contracts vendors, Cybersecurity threats 24/7 monitoring incident response capacity, Human resources skilled staff retention training programs, Technology obsolescence upgrade paths future-proofing</p>
<b>Financial Risk Mitigation</b>	<p>Blended finance revenue diversification government support   Blended finance structure optimization cost capital development impact, Revenue diversification colocation cloud connectivity services risk reduction, Government support strategic infrastructure backing Angola Digital 2027, International development partners potential support, Financial sustainability business case development market validation</p>

KEY STAKEHOLDERS	
<b>Sponsors</b>	Ministry of Telecommunications Information Technology and Social Communication   Angola Cables primary sponsor national telecommunications operator infrastructure experience submarine cable SACS satellite AngoSat, Ministry ICT policy framework regulatory support digital transformation agenda, Angola Digital 2027 strategy alignment government priorities e-government initiatives, coordination government agencies unified development approach
<b>Investors</b>	We do not yet have closed investors for the project   SEEKING INVESTORS none closed yet source explicitly states, financing gap 80% cost approximately USD 19.2 million, international development finance institutions potential AfDB IFC, commercial banks potential, Angola Cables equity contribution potential sponsor financing, blended finance opportunities development partners
<b>Contractors and Operators</b>	Only after investor or financing definition will we launch tender for contractor selection   International datacenter specialists local partners, contractor selection after investor financing definition, Tier III experience Africa, Angola Cables operations team experienced staff international training, maintenance contractors equipment vendors long-term service agreements
<b>Legal and Financial Consultants</b>	Legal and Financial consultants are internal   Internal legal financial consultants, project finance technical environmental specialists potential external support, Legal advisors Angola expertise project finance, Technical advisor datacenter specialist Tier III design certification, Environmental consultant EIA compliance international standards Lei nº 5/98
<b>Beneficiaries</b>	Government enterprise SMEs citizens regional clients   Government ministries e-government digital services hosting cost optimization Angola Digital 2027, Enterprise clients oil gas mining financial colocation services, SMEs start-ups affordable cloud services digital transformation economic inclusion, Regional clients SADC cross-border connectivity services, Citizens digital inclusion improved internet services
<b>Technology Partners</b>	Equipment vendors software providers satellite technology   Equipment vendors potential Dell HPE Cisco networking servers storage infrastructure, Software providers Microsoft AWS Google cloud platforms services, Satellite technology AngoSat ground station equipment potential, System

integrators technology implementation support, International datacenter operators knowledge transfer

## PATH FORWARD

<b>Investment Ask</b>	Seeking investors preferably or medium-long term financing   USD 23.98 million datacenter expansion financing gap 80% approximately USD 19.2 million investment mobilization, blended finance structure equity debt financing development institutions commercial banks to be determined, strategic infrastructure national digital sovereignty regional leadership SADC integration AfCFTA digital trade support
<b>Next Steps</b>	Secure investment or financing to launch tender process for project construction   Financial structuring investor mobilization regulatory approvals, completion blended finance development partners negotiations, detailed business case elaboration market study competitive analysis, environmental social impact assessment regulatory approvals Ministry ICT, procurement strategy international competitive tendering
<b>Feasibility Studies</b>	Project is prepared and ready for financing   Technical financial market environmental social legal risk analysis, Technical feasibility Tier III design engineering specifications international standards, Market study demand projections competitive analysis digital services growth Angola, Environmental impact assessment green building compliance Lei nº 5/98, Implementation timeline 12-18 months construction operations
<b>Financial Structuring</b>	Blended finance optimization international development partners   Blended finance optimization cost capital development impact maximization, potential lead arrangers senior debt financing, Angola Cables equity contribution potential sponsor financing operational experience, Government support strategic infrastructure backing Angola Digital 2027, Financial covenants development refinancing options
<b>Project Implementation</b>	Project management EPC contractor equipment procurement   Project management office PMO establishment governance structure oversight, EPC contractor selection international experience Tier III datacenter construction, Equipment procurement UPS chillers generators servers, Construction management local content requirements employment creation, Staff recruitment training international partnerships knowledge transfer

<b>Commercial Operations</b>	No construction agreement yet regarding sales we already have secured sales from current clients   Service portfolio diversification colocation cloud connectivity satellite data services potential, existing clients secured sales capacity increases, Customer acquisition government enterprise SME segments, Revenue optimization capacity utilization efficiency, Market expansion regional SADC opportunities
<b>Long-term Sustainability</b>	Business model technology evolution market leadership   Business model sustainability diversified revenue streams operational excellence, Market leadership Angola regional hub positioning competitive advantage SADC, Environmental sustainability green operations certification, Social impact employment skills development community engagement technology sector, Strategic asset national digital infrastructure importance Angola Digital 2027

<b>Contact Information</b>	<p><b>Angola Cables</b></p> <p><b>Project:</b> Luanda Datacenter Expansion</p> <p><b>Primary Sponsor:</b> Angola Cables (Angola Telecommunications Operator)</p> <p><b>Ministry Partner:</b> Ministry of Telecommunications, Information and Communication Technology</p> <p><b>Project Contact:</b> Bruno Oliveira</p> <p><b>Email:</b> bruno.oliveira@angolacables.com</p> <p><b>Phone:</b> +244 930 704 423</p> <p><b>Location:</b> Luanda, Angola</p> <p><b>Sector:</b> ICT - Datacenter Infrastructure</p> <p><b>Investment:</b> USD 23.98 million</p> <p><b>Status:</b> S2-S3 Preparation Phase - Ready for Financing</p> <p><b>Website:</b> www.angolacables.co.ao</p>
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