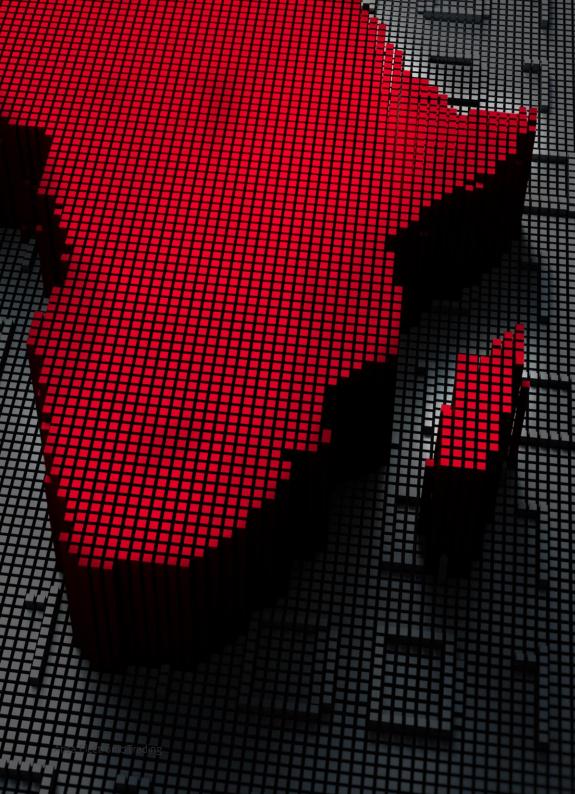
Write Africa into your story with every trade

Unlock high-speed access to global markets through our pan-African electronic trading solutions.

cib.absa.africa

Your story matters





Introduction

Absa Group Limited

Over a century of expertise on the continent to guide your way

Turning an investment opportunity in Africa into something exceptional, requires a financial services specialist on your doorstep who can offer universal solutions to meet your business needs. With over 100 years' experience and a significant footprint across the continent, we go to extraordinary lengths to exceed expectations and get things done.

We challenge limits and close distances, connecting people to opportunities across borders, languages and cultures. Because African ingenuity knows no boundaries, neither do we. As a proudly African institution, we believe in building courageous partnerships that work. Beyond our company ethos, years of experience and our wealth of datadriven insights, it's our bravery to imagine, our remarkable ability to discover innovative solutions, and our sheer will to get things done that make us the perfect specialist to bring your African vision to life.

Our aspiration is to be an entrepreneurial, digitally led African banking group with global scalability that makes real and lasting contributions to all our clients.

We are sector specialists across 15 major markets in Africa, with a focus on agriculture, consumer goods and services, natural resources (including oil, gas and mining), construction, financial services, and power, utilities and infrastructure.

Introduction

Absa Group Limited

We place a large emphasis on growing and supporting the societies in which we operate, as well as our working environment for our 35 074 employees.

A bank of scale in Africa

We are a diversified financial services provider headquartered in Johannesburg, South Africa with a presence in 15 markets in Africa.

Our differentiators in our presence markets in Africa:

- Regionally relevant and skilled bankers
- Single borrower limit one of the largest in the market
- · Substantial liquidity for local and foreign currency lending and transacting
- Large regional and local footprint with deep experience on the continent
- Strong, in-depth knowledge of local regulations and best market practice
- Full local proposition to completely service your full value chain
- · Strong connectivity with our headquarters using a world-class international business model
- Ability to structure complex products
- · Ability to fully integrate systems
- Risk appetite for expansion with no sector bias
- · High standards of governance.





Cash Equities

Overview

Our international presence includes:

- · A proudly African bank with global connectivity. A differentiated local proposition with a proven track record in presence markets & skilled on-the-ground expertise that acts as a single point of contact for pan-Africa business.
- · Our product suite includes sales, trading and research on Equities, Fixed Income, Foreign Exchange, ETF's, Structured Products and Prime.
- We have international offices in the United Kingdom and the United States.
- · We have trading capabilities in all Absa Africa presence countries, as well as extensive coverage over the broader African continent through a continental broker network.

Specific equities offering

- Integrated Equities Trading team Cash Equities, Delta-One/Equities Finance, Derivatives, Structured Equities, Electronic Trading, Securities Borrowing and Lending and, Prime Services.
- · Electronic Execution product: full suite of fast and bespoke algorithmic trading capabilities.
- Equity Research gives you access to our highly rated and experienced research team covering key sectors across South Africa and the rest of Africa.
- Highly ranked and experienced Equities Sales & Trading team.
- · Dedicated and integrated syndicate function.
- · South Africa's leading Structured Equities and Shari'ah product provider.
- · Largest ETF house in SA, with listings across Africa and a global top 10 in commodity ETFs.
- Prime Broking 20% equities market share in FUA.

All Africa trading

Extensive coverage and continental broker networks in key markets.

Kenya & Nigeria (in-country operations)

Rankings and market share 2021/22



SA Buy-Side Survey Rankings (Financial Mail)

Equities Sales: 5th

Equities Derivatives Execution: 1st Fixed-Interest Securities Dealing: 1st

Research overall: 6th

SA JSE Spire Awards 2021/22

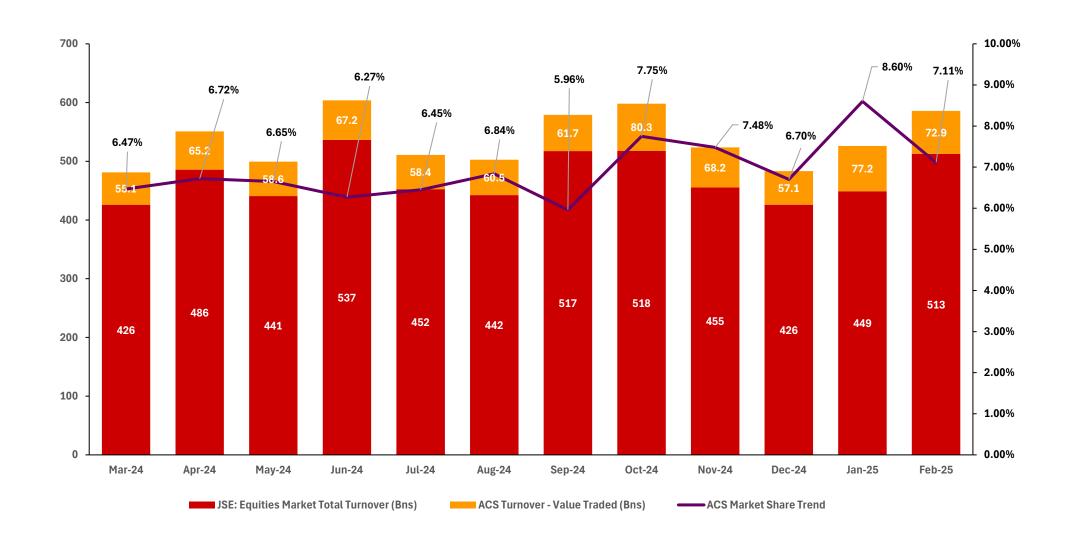
Best Overall Research House Best Research Team: Africa Best Research Team: Forex Best Research Team: Economics

Best Research Team: Fixed Income

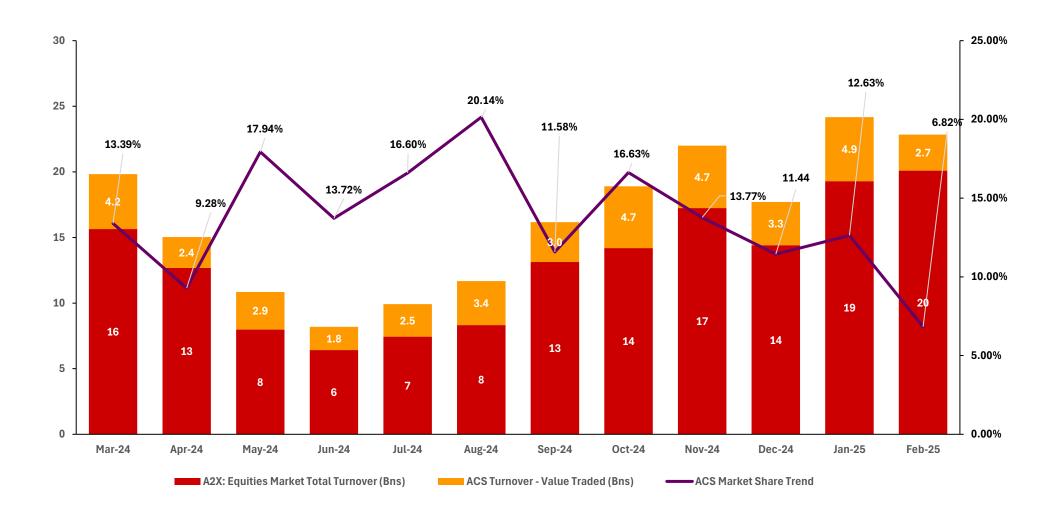
Best Sales Team: Interest Rate Derivatives Best Market Making Team: FX Options

Best Repo Team

Absa Capital Securities (ACS) Value Traded vs Total JSE Market Value Traded (R' Bns)



Absa Capital Securities (ACS) Value Traded vs Total A2X Market Value Traded (R' Bns)



Team

We have an excellent Electronic Trading team that allows the world to access African markets. We have locally and internationally based support with dedicated programmers to help with bespoke solutions.

We have teams of experienced developers based both locally and offshore to support our electronic trading business. The teams help build out our low latency and standard DMA infrastructure to support our local and international clients. The teams also assist with continuous development of the standard algorithmic trading that we offer to our institutional clients.

Three tech support teams sit in South Africa and assist with client setup and system monitoring in real time. They implement the latest and best technology to ensure you benefit from the most efficient trading systems.

Quintus Kilbourn | Head of Equities

Quintus joined Absa (Barclays Africa) CIB in 2012 as Head of Equities. Prior to joining Absa, Quintus held various roles across the Investment banking industry in South Africa and London. He started his career in 1994, working at two local brokers before joining HSBC and relocating his family to London in 2001. He joined Citi in 2004 as Head of Sales & Trading he South African Equities business and was appointed Head of Equities for Africa in July 2006. While at Citi Quintus lead the Citi team to a number ranking in SA in 2007, rebuilt the Equities team post the 2008 credit crunch to become the number 2 ranked firm in South Africa; established the Africa ex-SA Equities franchise; pioneered electronic trading in the SA market and pitched and won the largest ever Transition Trade in South Africa at the time.

Merlin Rajah | Head of Equities Electronic Product

Merlin joined the Absa team in 2020, as the Head of Electronic Equity Sales and Trading. Having spent almost a decade at the JSE as their Business Development Manager for Electronic Trading, , he has a wealth of knowledge and experience with regards to the exchanges trading systems, technical architecture, processes and an international network of relationships. In his role at the JSE, the Co-location Sales, International Liquidity Provider Relationships, Shared Infrastructure Provider, Software Vendor and Key Client Businesses reported into him.

Team

Lethabo Mokoena | Junior Electronic Trader

Lethabo is the Junior Electronic Sales trader, he joined Absa as part of the 2022 Graduate Programme and is now a Junior Trader in the Electronic Trading team. He holds an undergraduate degree in Computer Science and Computational and Applied Mathematics, and a post graduate Honors in Computer Science specializing in Big Data Analytics. After a year in consulting, Lethabo joins the electronic trading team to grow his passion for collaboration, technology, and problem solving while growing his experience in trading, algorithmic trading, trading systems, technical architecture and processes.

Ruth Seema | Equities Electronic Trader

Joined Absa in 2021 as a Forex dealer and is currently a trader in the electronic trading team. Prior to joining Absa she had 3 years of buy side experience at the IG group dealing in a range of global securities. Ruth is an enterprising individual who holds a Bcom Statistics degree from the University of Pretoria, majoring in Finance.

Sorin Suciu | Software Architect

Sorin is a software architect with a passion for technology, working in the financial industry for the last 15 years. He spent time in Asia, Europe and the US designing and developing trading platforms used to trade on most major exchanges (TSE, KSE, LSE, NYSE, CME, HKEX). He currently lead the team at Absa in terms of developing low latency solutions for Absa's low latency clients. Sorin is part of a large development and support team consisting of over 20+ people.

Gerald Sissing | Head of Production Support

Gerald is Head of Production Support at Absa CIB Markets, working in the financial industry for the last 16 years. He has previously worked on complex projects at several multinational joint ventures in South Africa. While his sphere of responsibilities at Absa covers more than just Electronic Trading, his specialty is supporting niche Electronic Trading solutions. Gerald holds a number of industry certifications and, apart from his responsibility of managing a number of high-performing teams, he is currently at the forefront of the Absa CIB journey to Cloud.

Overview

Our Global Electronic Trading team, which consists of a team of market specialists, traders and developers, offers you deep market insights and the most efficient technical setup. This combination of knowledge and technology lets you navigate trading in the African marketplace; enjoy best-in-class service – all while benefiting from continual innovation and refinements.

Specialists in providing direct market access (DMA), ultra low latency risk checking and sell-side algorithms in the South African market (JSE and A2X).

Lowest latency Direct Market Access (DMA)

Our solutions cater for FIX and Native order entry are solutions designed to save you time.

Risk monitoring

- In-house developed ultra-low latency compliant solutions in FPGA
- Bespoke solutions available to suit differing client needs
- Robust and resilient pre- and post-trade checks.

Hosting and connectivity

We provide full turn-key service to our clients. Hosting, connectivity, hardware and market access. We have multiple points of presence globally.

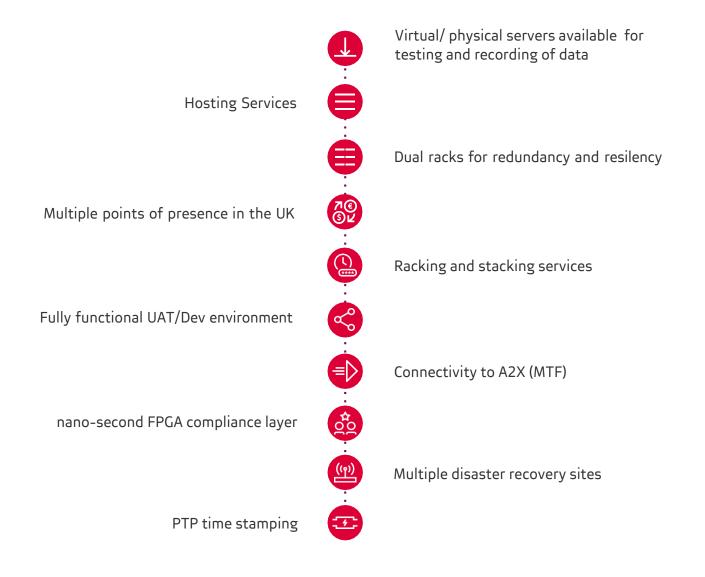
We always deploy dual lines between our sites to ensure there is no single point of failure.

- You can leverage our Point of Presence (POPs) for either market data, fix tickets or remote management of your equipment locally
- Depending on availability, we can either host you within our hosting units or simply cross connect to your own hosting unit
- Take advantage of the Precision Time Protocol available in the JSE co-location facility
- Unthrottled data available in JSE co-location or via Absa
- Connected to multiple fix hubs globally.
- Ultra low latency link between the JSE and A2X.
- Enables interoperability between exchanges
- Smart order router (SOR) capabilities which guarantees best execution for our clients

JSE Trading Systems

Cash equities market	Equities derivatives	Currency futures	Commodity market	Interest rate	Bond market
Millennium IT Platform	Millennium IT Platform	Millennium IT Platform	Nuclears (STT)	Nuclears (STT)	Nuclears (STT) MTS in Milan (Primary dealers only)

Co-location key capabilities



Co-location key capabilities

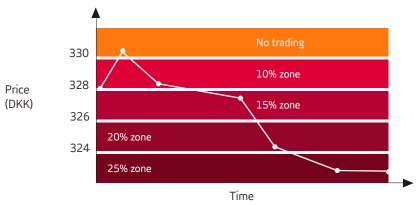
Algorithmic Trading

Our algorithmic team offers different classes of execution algorithms for all your execution requirements. We also accommodate bespoke alterations to your execution algorithm thanks to the support of our development team. Highlights of our recent improvements include running our algorithms from JSE co-location, integrated dark-pool logic, Pairs over time and improved no-fill or all-fill behaviour of Pairs in the auction. At the top of our offering are trader- defined algorithms such as Escalate, Pairs Trading and Implementation Shortfall. Our offering also has the more familiar first- and second-generation algorithms, such as VWAP, TWAP, Participate and Target Close.

Trader-Defined Algorithms				
Strategy	Description			
Pairs	Executes paired (or multi-legged) buy-and-sell orders in relative value trades			
Implementation Shortfall	Minimises slippage against benchmark (arrival price, VWAP, close, etc.)			
Escalate	Auto-adjusts aggressiveness (participation) against benchmark			
Arrival Price	Alternates between a passive and an aggressive participation rate based on a benchmark			
Second-Generation Algorithms				
Strategy	Description			
VWAP	Minimises slippage against VWAP benchmark			
TWAP	Minimises slippage against TWAP benchmark			
Participate	Trades in proportion to actual market activity			
Target Close	Intelligently controls exposure to closing auction			
First-Generation Algorithms				
Strategy	Description			
VWAP	Minimises slippage against VWAP benchmark			
TWAP	Minimises slippage against TWAP benchmark			
Participate	Trades in proportion to actual market activity			
Target Close	Intelligently controls exposure to closing auction			

Trader-defined algorithms

Escalate



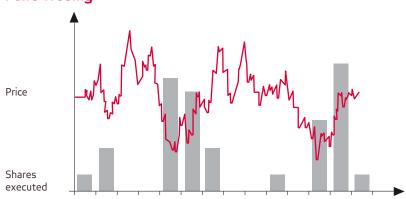
Escalate					
Objective	Style	Example			
Adjust aggressiveness dynamically, based on price or relative performance, to a specified benchmark.	Participate at a target percentage of the overall market volume, scaling aggressiveness based on where the stock is trading relative to a user-specified price threshold.	Buy 100 000 shares with a ZAR 30 top. Be 10% of the volume, scaling up to 30% when the stock trades below ZAR 29.75.			

Pairs Trading



Pairs Trading Pairs Trading					
Objective	Style	Example			
Automatically execute paired (or multi-legged) buy-and-sell orders in relative value trades. The user specifies the deal terms, target spread and execution method.	Monitor market spread in real time and trigger a pair order when the current spread is within the target range.	Buy 30 000 shares of Stock A and sell 30 000 shares of Stock B at a spread greater than ZAR 10.			

Pairs Trading



Implementation Shortfall					
Objective	Style	Example			
Minimise implementation shortfall (slippage due to arrival price).	A dynamic optimisation engine determines the placement of every child order. The algorithm adapts execution as it evaluates the trade- offs between price, impact, time remaining, and expected volatility and liquidity.	Buy 100 000 shares with a ZAR 76 top. Work the order, with neutral urgency, starting now and finishing at the latest by 16:00.			

Other benefits

Our international connectivity points provide our clients with easy accessibility into South Africa. We have presence in London (LD4, LD5 and Interxion).

We would suggest and gladly take the co-location hosting unit into our name and provide you with a back-to-back agreement (there is a significant cost savings, which we can discuss further).

Our desk offers all clients the necessary support for:

- Connectivity set up
- Hosting services
- Expertise racking and stacking services
- Access to Tick data for your analysis, as well as access to a live and dev environments
- Our skilled teams provide guidance through the conformance process
- Our teams are well-versed in low latency market structures and will assist you with complex design requests



Overview

We provide a complete service offering from a single desk. Our solutions include: Prime Brokerage, Securities Lending, Financing, and Futures Clearing.



International Fund access to Africa

- Supports appetite from offshore *banks, funds and prop trading firm to access a local synthetic platform
- · Provides local execution and financing solutions to global banks (B2B) and hedge funds.



Domestic Fund access to Global markets

- Domestic franchise enhanced via our ability to access global markets
- Direct Market Access to global equities (via swap) and derivatives markets.



Domestic Hedge Fund access to trade local markets

- 15% of local market and growing exponentially
- Securities lending book in excess of R20bn
- · Single platform multi-asset class execution, financing and clearing platform across all tradeable asset classes in South Africa.





First multi-asset class Prime Broker | Lowest latency infrastructure Backed by AA2 bank balance sheet Senior team with over 50 years of experience | Providing Global Markets access

Securities Financing & Lending

- Principal-only lender underwritten by bank balance sheet
- Trading and collateralisation across asset class
- · Low recall risk and diversified stable lending base
- · Key participant in industry-growth initiatives
- Integrated Financing and Securities Lending team
- Focused on balance optimisation for competitive financing rates.

Futures Clearing

- · Clearing member in Equities, Index, Commodity, Fixed Income and Forex futures
- · Number one commodity clearer
- Experienced client service team
- · Key participant in industry-growth initiatives
- · Integrated with Prime Brokerage offering.

Prime Access

- Equities financing solutions across a range of African markets: South Africa, Namibia, Botswana, Zimbabwe, Zambia, Mozambique, Tanzania, Kenya, Uganda, Nigeria, Ghana, Egypt, Mauritius and Seychelles
- · Global execution and financing solutions
- Domestic co-location solutions.

Overview

Securities financings enable investors to achieve a variety of instrument objectives and to optimise their exposures efficiently. Our integrated local and international securities borrowing and lending desks offer extensive depth and breadth of borrow demand.

We offer innovative securities lending capabilities through Absa Group Limited's African footprint.



Engaging with the Ghana Fixed Income Market (GFIM) of the Stock Exchange on the back of Ghana passing their local Securities Lending Bill.



Front office trading and market execution functionality lets us refinance market recalls timeously.



Executive Committee member of the South African Securities Lending Association (SASLA).



- Proven track record of robust refinancing capabilities
- <1% recall history</p>
- Principal borrower and lender bank counterparty
- Collateral optimisation capabilities, ability to earn additional yield from cash collateral management
- Cross-asset financing for bespoke structures and balance sheet optimisation
- Extensive offshore and local relationships lend to distribute stock more broadly and achieve above- market utilisation levels.



Credit ratings

- Moody's Baa2
- · S&P zaAA-



- Bespoke reporting and reconciliations processes
- Data services member and market colour contributor.



- 1st and only bank to be able to post non-cash collateral to the JSE in lieu of cash margin
- 1st bank to implement Equilend, a state-of-the-art platform and technology driven hub for SBL firms

Futures Clearing

Overview

Absa is at the forefront of execution and clearing in the South African market, working as a single service provider across the trade life cycle. We offer sophisticated technology, access to comprehensive products across markets/jurisdictions and reliable support to execute and integrate all trading strategies.



Business Overview

- Absa is a market-leading futures clearer, which is reflected by the leading market share we currently enjoy.
- Clearer across all three markets on the JSE Derivatives Exchange.



- 1st Commodity and Currency Derivatives Market
- 2nd Equities Derivatives Market
- 4th Interest Rate Derivatives Market
- The Futures Clearing team is comprised of seven dedicated members.
- Team members have representation on both the SAFCOM and PASA boards.
- The firm holds client assets and margin in segregated accounts to avoid comingling with proprietary assets.



Futures Clearing Product Offering

- All SAFEX equities derivatives (Futures and Options: single stock, can-do, Index, dividend and variance).
- All SAFEX commodity derivatives (Future and Options: maize, wheat, sunflower, soybeans, sorghum, corn, crude oil, gold and platinum).
- All IRC products (Futures and Options: interest rates and currencies).



Technology

- Leading technology: latest version of GCMS (STT Solution), which allows us to provide for automated early valuation reporting.
- Our clearing system parallels that of the JSE, making technology enhancements and implementations enhancements less risky and more prompt.
- Comprehensive reporting suite with automated data file delivery capabilities (file transfer solution).
- Customised client-end reporting in multiple formats to assist automation.



Client Services

- We apply a fully consultative operational model, to deliver the products and services you need.
- Our client relationship structure gives you direct access to senior level management.
- A dedicated futures clearing relationship liaison helps with onboarding and escalations.

Product overview

Full suite of Markets products serviced by Cross-Asset Trading team across presence countries.



Fixed Income

- Govt Bonds
- Inflation-Linked Bonds (ILBs)
- Eurobonds
- Corporate Bonds
- Repos/Bond Futures
- Index Futures
- Derivatives: Interest, Swaps, FRAs.



Foreign Exchange

- G10 and Emerging Markets Currencies
- Spot
- Forwards
- Swaps
- Futures
- · Options.



Equities & Equities Derivatives

- Cash Equities
- Electronic Trading and DMA (accessed via FIX, co-location)
- Delta One Synthetics
- Index Futures
- Options (Index, single stock)
- Total Return Swaps (TRS)
- Corporate Access
- Rest of Africa Kenya & Nigeria incountry broker, access to 10 other jurisdictions
- ETFs gold, platinum, palladium, equities indices, fixed income.



Prime

- · Cross-Asset Prime Brokerage Offering
- Securities Lending
- Futures Clearing
- · Prime Access to Rest of Africa
- · Capital Intro.



Money Market

- Call Deposits & Loans
- Fixed Deposits & Loans
- NCDs
- · Floating Rate Notes.



Syndicate

- Primary Equities and Debt
- Dedicated and Integrated Africa Syndicate Function.

Global Markets

Product overview

Full suite of Markets products serviced by Cross-Asset Trading team across presence countries.



Cross-Asset Structured Products

Structured Rates

- Bond Replica Notes
- Capped Rate Notes; Callable Notes; Inflation-Linked Notes
- Zero Coupon Notes; Inflation-Linked Asset Swaps
- · Switchable Notes; Inverse Floaters.

Structured Credit

- Credit-Linked Notes: Local; Inward Listed; Single Name; Portfolio
- Leveraged CLNs
- Index-Linked CLNs.

Structured Equities

• Equities Linked Notes; Autocall Notes; Underwriting Puts and Overwriting Calls; Cliquets; Equities Default Notes.

Index Products

- Index Notes
- Total Return Swaps
- Albi; Ilbi; Top 40; Stefi, etc.

Commodities

- Commodity Index-Linked Notes
- · Newgold/Newplat ETF and Notes.

FX

- FX Derivative Overlays
- FX-Linked Notes.

Our presence on the continent of Africa



Our differentiators in our presence markets in Africa

- Globally relevant and skilled bankers
- Single borrower limit one of the largest in the market
- Substantial liquidity for local and foreign currency lending and transacting
- Large regional and local footprint with deep experience on the continent
- Strong, in-depth knowledge of local regulations and best market practice
- Full local proposition to completely service your full value chain
- Strong connectivity with our headquarters using a world-class international business model
- Ability to structure complex products
- Ability to fully integrate systems
- Risk appetite for expansion with no sector bias
- High standards of governance.

Our corporate and investment banking capabilities

We've created client-centric value propositions designed to enhance our clients' competitiveness and sustainability, which ultimately leads to lifetime value in your partnership with us. These partnerships focus on the life-cycle needs of your business, overlaid with comprehensive appreciation of your treasury strategy and underpinned by a sector overlay to position your business for future success in Africa.

Our products support your business across the following needs:



Payment solutions

Efficiency and increased control via sophisticated payment solutions.



Funding development

Designed to realise your growth aspirations.



Working capital

Ease payment cycles and guarantee supply chain continuity.



Global markets

A market-leading franchise offering comprehensive cross-asset class solutions to global and local institutional clients.



Growing your market

Working as a trustworthy specialist to grow your market.



Collection solutions

A suite of solutions suited to the needs of your market.



Managing risk

Local expertise that drives a deep understanding of the risk landscape.

Disclaimer

Absa Group Limited

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