

|                                 |             |           |             |           |              |            |
|---------------------------------|-------------|-----------|-------------|-----------|--------------|------------|
| <b>Total Number of Products</b> | <b>ETFs</b> | <b>86</b> | <b>ETNs</b> | <b>76</b> | <b>Total</b> | <b>162</b> |
|---------------------------------|-------------|-----------|-------------|-----------|--------------|------------|

| <b>DOMESTIC (SA) ETFs</b>                 |   |                        |
|---|---|------------------------|
| <b>Fund</b>                               | <b>Description</b>  | <b>Dividends Paid*</b> |
| <b>Broad Equity Market Access: Top 40</b> |   |                        |
| <b>Invest Top 40 ETF</b>                  | Market cap Top 40 shares, same portfolio as Satrix 40 and Ashburton Top 40  | Q                      |
| <b>Invest SWIX 40 ETF</b>                 | Shareholder weighted adjusted Top 40 shares. Same portfolio as Satrix SWIX Top 40.  | Q                      |
| <b>Ashburton Top 40 ETF</b>               | Same portfolio as Satrix 40, but lower cost structure.  | Q                      |
| <b>Satrix 40 ETF</b>                      | Market cap index of JSE Top 40 blue chip shares on the JSE – high exposure to mining and large cap shares.  | Q                      |
| <b>Satrix SWIX Top 40 ETF</b>             | Adjusts the Top 40 weighting to exclude all South African shares held by foreigners. Reduces the portfolio exposure to mining and dual listed shares.   | Q                      |
| <b>Sygnia Itrix Top 40 ETF</b>            | Market cap index of JSE Top 40 blue chip shares on the JSE – high exposure to mining and large cap shares.  | Q                      |
| <b>Sygnia Itrix SWIX 40 ETF</b>           | Adjusts the Top 40 weighting to exclude all South African shares held by foreigners. Reduces the portfolio exposure to mining and dual listed shares.   | Q                      |
| <b>Broad Equity Market Access: Other</b>  |   |                        |
| <b>CoreShares Top 50 ETF</b>              | Tracks the S&P Top 50 index of JSE shares. Includes some MidCap companies not included in Top 40 indices. Quarterly dividend.   | Q                      |
| <b>Satrix Capped All Share ETF</b>        | Holds all 140 shares in the JSE All Share index in its portfolio, but with the exposure to any single ETF capped to 10%. This new ETF gives exposure to a number of smaller JSE companies that are not covered by any other index tracking ETF. | Bi-monthly             |
| <b>JSE Equity Sector Exposure</b>         |   |                        |
| <b>Ashburton MidCap ETF</b>               | Tracks the FTSE/JSE MidCap index of 61 companies, ranked from 43 to 103 on the JSE by market capitalisation.  | Q                      |
| <b>Satrix Capped INDI ETF</b>             | Provides access to top 25 industrial shares (manufacturing, construction, retail) on the JSE.   | Q                      |
| <b>Satrix FINI 15 ETF</b>                 | Exposure to local banks, insurance and financial services companies.  | Q                      |
| <b>Satrix RESI 10 ETF</b>                 | Provides a portfolio of the top 10 mining and resource counters on the JSE.   | Q                      |

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| <b>DOMESTIC (SA) ETFs</b>                 |   |                        |
|---|---|------------------------|
| <b>Fund</b>                               | <b>Description</b>  | <b>Dividends Paid*</b> |
| <b>Floating Interest Rates</b>            |   |                        |
| <b>Absa NewFunds TRACI ETF</b>            | Provides the return of a 3 (three) month money market deposit. The interest is reinvested on a monthly basis.   | TR                     |
| <b>CoreShares PrefTrax ETF</b>            | Tracks the FTSE/JSE Preference Share index of 22 listed preference shares on the JSE. Pays a higher yield than money market funds, in the form of dividends.  | Q                      |
| <b>Bond (fixed interest)</b>              |   |                        |
| <b>Invest SA Bond ETF</b>                 | Tracks the S&P South Africa Sovereign Bond 1+ Year Index local currency denominated Sovereign debt issued by the Government of South Africa in its domestic market with maturity of 1 year or more.   | TR                     |
| <b>Absa NewFunds GOVI ETF</b>             | Tracks the South African Government Bond index (GOVI). All interest received (coupons) are reinvested on a monthly basis to provide a total return. No new securities are issued, the value of the NewFunds GOVI portfolio rises by the amount reinvested.  | TR                     |
| <b>Absa NewFunds ILBI ETF</b>             | Tracks the Barclays Capital/Absa Capital index of six inflation-linked RSA Government bonds. Coupons reinvested monthly to provide a total return fund that adjusts in value and yield to provide an inflation linked return.   | TR                     |
| <b>Ashburton Government Inflation ETF</b> | Exposure to a portfolio of SA Government Inflation Linked Fixed Interest bonds – gives protection of both capital and interest against CPI inflation.   | Q                      |
| <b>Satrix Inflation-Linked Bond ETF</b>   | A market-value-weighted index of the performance of SA Rand denominated inflation-linked securities publicly issued by the SA Government for the domestic market.   | Q                      |
| <b>Satrix SA Bond Portfolio ETF</b>       | The Satrix SA Bond Portfolio participatory interests provide the investor with exposure to the S&P South Africa Sovereign Bond 1+ Year Index, which is a comprehensive, market-value-weighted index designed to track the performance of the South African Rand-denominated government bond securities publicly issued by the South African government for the domestic market. | TR                     |
| <b>Listed Property</b>                    |   |                        |
| <b>Invest SA Property ETF</b>             | Invests in the FTSE/JSE SAPY index of 22 listed property shares. Has a low asset management fee of 0,15% per annum.   | Q                      |
| <b>CoreShares SA Property Income ETF</b>  | Tracks the SA Property Income Index (a custom index calculated independently by the S&P Dow Jones Indices). The SA Property Income Index is designed to measure the performance of large South African Listed Property Companies with an emphasis towards higher yielding companies.  | Q                      |
| <b>Satrix SA Property ETF</b>             | A market-value-weighted index of 15 top property companies in the S&P SA Composite Property index. Individual company weights are capped at 10%.  | Q                      |

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| DOMESTIC (SA) ETFs   |  |                 |
|--|--|-----------------|
| Fund   | Description  | Dividends Paid* |
| Style / Smart Beta   |  |                 |
| <b>Absa NewFunds Equity Momentum ETF</b>                       | Provides Investors with diversified exposure to 20 constituents securities in the South African equity market that exhibit greatest price appreciation their performance by tracking the Absa Wits Risk-Controlled SA-Momentum Index, where the constituent security's weights in the Momentum Index are determined by applying an equal risk contribution weighting scheme. The portfolio is rebalanced monthly.  | M               |
| <b>Absa NewFunds Low Volatility ETF</b>                        | Provides an Investor with diversified exposure to 20 highly liquid constituent securities in the South African equity market that exhibit the lowest volatility as well as a low beta to the market in their performance by tracking the Absa Wits Risk-Controlled SA Low Volatility Index ("the Low Volatility Index"), where the constituent security's weights in the Low Volatility Index is determined by applying an equal risk contribution weighting scheme. | TR              |
| <b>Absa NewFunds Shari'ah Top 40 ETF</b>                       | Invests in a basket of Top 40 shares using Islamic investment principals for share selection.  | Q               |
| <b>Absa NewFunds Value Equity ETF</b>                          | Provides Investors with diversified exposure to 30 highly liquid constituents securities in the South African equity market that exhibit value characteristics (low price-to-earnings and price-to-book ratios) in their performance by tracking the Absa Wits Risk-Controlled SA Value Index ("the Value Index"), where the constituent security's weights in the Value Index are determined by applying an equal risk contribution weighting scheme.               | TR              |
| <b>Absa NewFunds Volatility Managed High Growth Equity ETF</b> | The Portfolio will track and replicate the NewFunds/Absa Volatility Managed SA High Growth Equity Index, an index which allows an Investor to gain full market exposure to a universe of 15 liquid, JSE-listed equity securities selected on a 70/30 factor specification to momentum and low volatility characteristics demonstrated in their performance. The Portfolio will comprise of both equity securities and cash (assets in liquid form).                  | Q               |
| <b>Absa NewFunds Volatility Managed Moderate Equity ETF</b>    | This ETF will track and replicate the NewFunds/Absa Volatility Managed SA Moderate Equity Index, an index which allows an Investor to gain full market exposure to a universe of 25 liquid, JSE-listed equity securities selected on a 50/50 factor specification to momentum and low volatility characteristics demonstrated in their performance. The Portfolio will comprise of both equity securities and cash (assets in liquid form).                          | Q               |
| <b>Absa NewFunds Volatility Defensive Equity ETF</b>           | The Portfolio will track and replicate the NewFunds/Absa Volatility Managed SA Defensive Equity Index, an index which allows an Investor to gain full market exposure to a universe of 30 liquid, JSE-listed equity securities selected on a factor specification to low volatility characteristics demonstrated in their performance. The Portfolio will comprise of both equity securities and cash (assets in liquid form).                                       | Q               |

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| <b>DOMESTIC (SA) ETFs</b>                          |   |                        |
|--|---|------------------------|
| <b>Fund</b>  | <b>Description</b>  | <b>Dividends Paid*</b> |
| <b>Style / Smart Beta (continued)</b>              |   |                        |
| <b>CoreShares S&amp;P SA DivTrax ETF</b>           | Invests in a portfolio of high dividend paying SA companies, using a "filter" to ensure that dividends are sustained.   | Q                      |
| <b>CoreShares Scientific Beta Multi Factor ETF</b> | Tracks the Scientific Beta CS South Africa Six-Factor Equal Weighted Index. This strategy is created to offer exposure to well-rewarded, academically grounded risk factors, whilst diversifying away as much as possible from non-rewarded, non-systematic risks.<br><br>The index, which is constructed and maintained by the EDHECRisk Institute in France, provides exposure to the 51 largest and most liquid shares listed on the JSE (primary and secondary) and is rebalanced quarterly | Q                      |
| <b>Satrix DIVI ETF</b>                             | Selects 30 of the JSE's largest companies for their dividend payment potential over the forthcoming year. Offers high yield and potential for the rerating of share prices that pay good dividends.   | Q                      |
| <b>Satrix Inclusion &amp; Diversity ETF</b>        | This ETF will track the Refinitiv Satrix South Africa Inclusion & Diversity Index which is a customized, comprehensive, market-value weighted index designed to track the performance of 30 JSE-listed companies that best demonstrate and promote the values of inclusion and diversity in the workplace, using key metrics that include gender, race, physical ability and background.  | Q                      |
| <b>Satrix Momentum ETF</b>                         | This is an equity-only fund which provides an investment vehicle for investors wishing to track the performance of the proprietary Satrix Momentum Index ("benchmark index"). A portfolio tilted towards equities which displays positive momentum characteristics and away from equities showing negative momentum characteristics.  | Q                      |
| <b>Satrix Quality ETF</b>                          | This ETF tracks the S&P Quality South Africa Index, which includes stocks in the South African market rated by quality score, which is a composite of: return on equity; accruals ratio; and a leverage ratio.  | Q                      |

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| DOMESTIC (SA) ETFs                            |   |                 |
|---|---|-----------------|
| Fund  | Description   | Dividends Paid* |
| <b>"Balanced" Portfolios</b>                  |   |                 |
| <b>Absa NewFunds MAPPS Protect ETF</b>        | Invests in the following balanced portfolio of South African assets:<br>Equities 40% FTSE/JSE SWIX Top 40 index (SWIX40)<br>Bonds 15% South African Government Bond index (GOVI)<br>Inflation-linked bonds 35% Inflation-Linked Bond index (ILBI)<br>Cash 10% | TR              |
| <b>Absa NewFunds MAPPS Growth ETF</b>         | Invests in the following balanced portfolio of South African assets:<br>Equities 75% FTSE/JSE SWIX Top 40 index (SWIX40)<br>Bonds 10% South African Government Bond index (GOVI)<br>Inflation-linked bonds 10% Inflation-Linked Bond index (ILBI)<br>Cash 5%  | TR              |
| <b>"Fundamental" Value</b>                    |   |                 |
| <b>Absa NewFunds GIVI SA Top 50 Index ETF</b> | Uses fundamental investment methods as above, but with enhanced filter techniques, to seek outperformance of the All Share Index. Quarterly dividends.  | Q               |
| <b>Satrix RAFI 40 ETF</b>                     | Selects 40 JSE companies using Research Affiliates Fundamental Indexation methods (RAFI), which uses fundamental accounting criteria to select "undervalued shares". All dividends and other income automatically reinvested (i.e., a total return fund).     | TR              |

| DOMESTIC (SA) ETNs              |  |                 |
|---------------------------------|--|-----------------|
| Fund                            | Description  | Dividends Paid* |
| <b>Investec Top 40 ETN</b>      | Tracks the FTSE/JSE Top 40 index, weighted by market capitalisation. All dividends are automatically reinvested to provide a total return product. No management fees are charged.     | TR              |
| <b>Investec SWIX Top 40 ETN</b> | Tracks the FTSE/JSE SWIX Top 40 index weighted by market capitalisation. All dividends are automatically reinvested to provide a total return product. No management fees are charged. | TR              |

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| FOREIGN ETFs  |  |                 |
|---|--|-----------------|
| Fund  | Description  | Dividends Paid* |
| <b>Broad Equity Market Access</b>                     |  |                 |
| <b>Invest MSCI World Index Feeder ETF</b>             | Tracks the MSCI World Index using the iShares Core MSCI World UCITS ETF as a feeder fund. The MSCI World Index captures large and mid-cap representation across 23 developed markets countries. With over 1600 constituents, the Index covers approximately 85% of the free float – adjusted market capitalisation in each country.          | TR              |
| <b>Invest S&amp;P 500 Index Feeder ETF</b>            | This ETF tracks the S&P500 index as closely as possible, in South African Rand. The fund is a feeder fund and as such it invests in the iShares Core S&P500 UCITS ETF. The S&P500 Index gives the performance of the top 500 leading US listed companies and captures approximately 80% coverage of available market capitalisation.         | TR              |
| <b>Ashburton Global 1200 Equity Fund of Funds ETF</b> | The Ashburton Global 1200 ETF provides exposure to the global equity market by tracking the S&P Global 1200. It is constructed as a composite of seven headline indices which include the S&P500 (US), S&P Europe 350, S&P TOPIX 150 (Japan), S&P/TSX 60 (Canada), S&P/ASX All Australian 50, S&P Asia 50 and S&P Latin America 40 indices.  | Q               |
| <b>CoreShares S&amp;P 500 ETF</b>                     | The S&P 500® index tracks 500 of the top companies in the U.S. economy. All the constituents must be U.S. companies with a market cap of USD 5.3 billion or greater. Uses Vanguard S&P 500 ETF as a feeder fund.   | Bi-A            |
| <b>CoreShares Total World ETF</b>                     | Tracks the FTSE Global All Cap Index, which covers both well-established (developed) and still-developing (emerging) markets. To achieve its investment objective, the Fund will, apart from assets in liquid form consist solely of participatory interests in the Vanguard Total World Stock ETF – accordingly, the Fund is a Feeder Fund. | TR              |
| <b>Cloud Atlas – AMI Big 50 - ex-SA ETF</b>           | Tracks an index of the top 50 African companies, listed on 15 African Stock Exchanges, excluding South Africa. It is an ETF so physically holds all the companies in the sector and is 100% physically backed.   | Q               |
| <b>Satrix MSCI China ETF</b>                          | Tracks the MSCI China Index which captures large and mid-cap representation across China A shares, H shares, B shares, Red chips, P chips and foreign listings (e.g., ADRs). With 704 constituents, the index covers about 85% of this China equity universe.  | TR              |
| <b>Satrix MSCI Emerging Markets ETF</b>               | The MSCI Emerging Markets Investable Market Index (IMI) represents large, mid and small cap companies across 23 emerging market countries. The index covers approximately 99% of the free float-adjusted market capitalisation in each country. Uses iShares Core MSCI Emerging Markets UCITS ETF as a feeder fund.                          | TR              |
| <b>Satrix MSCI EM ESG Enhanced ETF</b>                | Tracks the MSCI EM ESG Enhanced Focus Index, which is designed to maximise exposure to positive environmental, social and governance (ESG) metrics.  | TR              |

Continued/...

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| <b>Broad Equity Market Access (continued)</b>    |  |      |
|--|--|------|
| <b>Satrix MSCI World ETF</b>                     | The MSCI World Index represents large and mid-cap companies across 23 developed markets globally. The index covers approximately 85% of the free float-adjusted market capitalisation in each country. Uses iShares Core MSCI World UCITS ETF as a feeder fund.  | TR   |
| <b>Satrix MSCI World ESG Enhanced ETF</b>        | Tracks the MSCI World ESG Enhanced Focus Index, which is designed to maximise exposure to positive environmental, social and governance (ESG) metrics.   | TR   |
| <b>Satrix Nasdaq 100 Feeder ETF</b>              | Tracks the Nasdaq-100 <sup>®</sup> index is a market cap weighted index that includes the largest 100 companies on the Nasdaq Stock Exchange. Uses iShares Nasdaq 100 UCITS ETF as a feeder fund.  | TR   |
| <b>Satrix S&amp;P 500 ETF</b>                    | The S&P 500 <sup>®</sup> Index is widely regarded as the best single gauge of large-cap US equities. The index includes 500 leading US listed companies and captures approximately 80% coverage of available market capitalisation. Uses iShares Core S&P UCITS ETF as a feeder fund.  | TR   |
| <b>Sygnia Itrix Eurostoxx 50 ETF</b>             | Provides access in rands, and with no foreign exchange controls for individuals, to a portfolio of the Top 50 European shares.   | Bi-A |
| <b>Sygnia Itrix FTSE 100 ETF</b>                 | Provides access in rands, and with no foreign exchange controls for individuals, to a portfolio of the Top 100 companies on the London Stock Exchange.   | Bi-A |
| <b>Sygnia Itrix MSCI Japan ETF</b>               | Provides access in rands, and with no foreign exchange controls for individuals, to a portfolio of the Top 400 Japanese shares.  | Bi-A |
| <b>Sygnia Itrix MSCI USA ETF</b>                 | Provides access in rands, and with no foreign exchange controls for individuals, to a portfolio of the Top 600 US companies.   | Bi-A |
| <b>Sygnia Itrix MSCI World ETF</b>               | Provides access in rands, and with no foreign exchange controls for individuals, to a portfolio of some 1900 shares worldwide.   | Bi-A |
| <b>Sygnia Itrix S&amp;P 500 ETF</b>              | Tracks the S&P 500 <sup>®</sup> Index. The index includes 500 leading US listed companies and captures approximately 80% coverage of available market capitalisation.  | Bi-A |
| <b>Sygnia Itrix S&amp;P Global 1200 ESG ETF</b>  | The objective is to provide an investment vehicle to investors who want to achieve long term capital appreciation in tracking the performance of the S&P Global 1200 ESG (S&P1200ESG). It also aims to replicate the price and yield performance of the S&P Global 1200 ESG Index as closely as possible by holding a portfolio of securities equivalent to the basket of securities that comprise the Index, and in similar weightings to the Index | TR   |
| <b>Sygnia Itrix MSCI Emerging Markets 50 ETF</b> | Tracks the performance of the MSCI Emerging Markets 50 (MSCI EM 50 Index) ("benchmark index"). It also aims to replicate the price and yield performance of the MSCI Emerging Markets 50.  | TR   |

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| Foreign Bonds  |   |      |
|--|---|------|
| <b>1 Invest Global Government Bond Index Feeder ETF</b>      | Tracks the FTSE Group-of-7 (G7) Index ("the Index"). The fund is a feeder fund and as such it invests in the iShares Global Govt Bond UCITS ETF. The G7 Government Bond Index includes Canada, France, Germany, Italy, Japan, the United Kingdom, and the United States.  | Q    |
| <b>Absa NewFunds S&amp;P Namibia Bond ETF</b>                | The Portfolio will track and replicate the total return version of the S&P Namibia Sovereign Bond 1+ year Top 10 Index in local currency of the Republic of Namibia, an index whereby each constituent bond has a maturity of greater than or equal to 12 months.   | TR   |
| <b>Ashburton World Government Bond ETF</b>                   | This ETF provides investors with cost efficient exposure to the global bond market by tracking the Citi World Government Bond Index (WGBI). The WGBI is a widely used benchmark that currently comprises sovereign debt from over twenty countries, including the US, UK, Canada, Germany, Japan, Australia, France and South Africa.   | Q    |
| <b>Cloud Atlas S&amp;P Africa Sovereign Bond ETF</b>         | Tracks Hard Currency Bonds (USD and EUR) issued by African countries offering long-term attractive yields. The offering is via a primary JSE listed ETF with planned secondary listings on other Stock exchanges. The portfolio consists of African Sovereign Bonds traded and cleared on the London and Luxemburg Stock exchanges and issued by the Governments of Egypt, Ghana, Kenya, Morocco, Namibia, Nigeria, and South Africa. | Q    |
| <b>FirstRand 2-year US Dollar Custodial Certificate ETF</b>  | US Dollar Custodial Certificates (DCCs), are easily tradable, dollar-denominated ETF investment instruments which have no exchange control implications. Investors earn the return of a US Treasury note, receiving an income stream in US dollars, which is settled in rands.  | Bi-A |
| <b>FirstRand 10-year US Dollar Custodial Certificate ETF</b> |   |      |
| <b>Satrix Global Aggregate Bond ETF</b>                      | Tracks the Bloomberg Barclays Global Aggregate Bond Index, offering investors easy access to global investment grade bonds.   | Bi-A |
| Foreign Listed Property                                      |   |      |
| <b>1 Invest Global REIT Index Feeder ETF</b>                 | Tracks the FTSE EPRA/NAREIT Global REIT Index ("the Index"). The fund is designed to track the performance of listed real estate companies and Real Estate Investment Trusts (REITs) worldwide. Uses iShares Global REIT ETF as a feeder fund.  | Q    |
| <b>Absa NewFunds Reitway Global Property ETF</b>             | The primary objective of the ETF is to track a rule driven, market liquidity-based index, which aims to outperform traditional market cap weighted comparatives. Designed to give investors an exposure to global properties by replicating and tracking the Reitway Global Property Index.   | Q    |
| <b>CoreShares S&amp;P Global Property ETF</b>                | Tracks the S&P Global Property 40 index. The S&P Global Property 40 index provides exposure to the 40 largest global property companies in developed markets that have earnings and dividend stability.   | Bi-A |
| <b>Sygnia Itrix Global Property ETF</b>                      | Tracks the S&P Global Property 40 index. The S&P Global Property 40 index provides exposure to the 40 largest global property companies in developed markets that have earnings and dividend stability.   | Bi-A |

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| Foreign Style / Smart Beta                                   |  |      |
|--|--|------|
| <b>Invest S&amp;P 500 Info Tech Index Feeder ETF</b>         | This fund tracks the S&P500 Info Tech Index which comprises those companies that are included in the S&P500 Index and classified as members of the GICS® Information Technology sector. Uses iShares S&P 500 Information Technology UCITS ETF as a feeder fund.  | TR   |
| <b>CoreShares S&amp;P 500 Dividend Aristocrat ETF</b>        | This ETF tracks the S&P Global Dividend Aristocrats Blend Index. The index is designed to simulate a portfolio of S&P regional Dividend Aristocrats underlying indices diversified across Canada, Europe, Pan Asia and the United States. The objective is to track companies that have demonstrated consistent levels of paying out dividends.  | TR   |
| <b>Satrix Global Infrastructure ETF</b>                      | Tracks the performance of international infrastructure companies from both developed and emerging countries. Constituent are selected from FTSE Global All Cap Index where at least 65% of their revenue comes from infrastructure activities.   | Q    |
| <b>Sygnia Itrix 4<sup>th</sup> Industrial Revolution ETF</b> | The objective of this portfolio is to provide access to investors who wish to track the movements of the Kensho New Economies Composite Index (KNEX). This index seeks to capture the economic sectors that are propelling the "4 <sup>th</sup> Industrial Revolution".  | Bi-A |
| <b>Sygnia Itrix Solactive Healthcare 150 ETF</b>             | Tracks the Solactive Developed Markets Healthcare 150 Price Return Index which consists of the largest 150 companies from the Developed Market Healthcare Industry, mainly the US (68%), Switzerland (9%), Japan (5%) and the UK (4%). It will follow a physical replication strategy whereby securities that substantially make up the Index are purchased at a similar weighting to the Index. The constituents are weighted based on their free float market capitalization and the portfolio will be rebalanced quarterly. | Q    |

| FOREIGN ETNs                           |   |                 |
|--|---|-----------------|
| Fund                                   | Description   | Dividends Paid* |
| Single Stock Access                    |   |                 |
| <b>FNB Activision Blizzard – C ETN</b> | Activision Blizzard, Inc. is an American video game holding company based in Santa Monica, California. The company was founded in July 2008 through the merger of Activision, Inc. and Vivendi Games  | TR              |
| <b>FNB Activision Blizzard – Q ETN</b> |   |                 |
| <b>FNB Adobe Inc – C ETN</b>           | Adobe Inc. is an American multinational computer software company. Incorporated in Delaware and headquartered in San Jose, California, it has historically focused upon the creation of multimedia and creativity software products, with a more recent foray into digital marketing software | TR              |
| <b>FNB Adobe Inc – C ETN</b>           |   |                 |

- **C: Compo ETN**
  - Return depends on performance of underlying stock with R/\$ effect
  - Fees: 1% Tracking error margin
- **Q: Quanto ETN**
  - Return depends on performance of underlying stock without R/\$ effect
  - Fees: No costs to the investor. The issuer makes hedging and trading income

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| Single Stock Access (continued)            |  |    |
|--|--|----|
| <b>FNB Alphabet - C ETN</b>                | Alphabet Inc. is an American multinational conglomerate headquartered in Mountain View, California. It was created through a restructuring of Google on October 2, 2015, and became the parent company of Google and several former Google subsidiaries  | TR |
| <b>FNB Alphabet - Q ETN</b>                |  |    |
| <b>FNB Amazon - C ETN</b>                  | Amazon.com, Inc. is an American multinational technology company based in Seattle, Washington, which focuses on e-commerce, cloud computing, digital streaming, and artificial intelligence.   | TR |
| <b>FNB Amazon - Q ETN</b>                  |  |    |
| <b>FNB Apple - C ETN</b>                   | Apple Inc. is an American multinational technology company headquartered in Cupertino, California, that designs, develops and sells consumer electronics, computer software, and online services.  | TR |
| <b>FNB Apple - Q ETN</b>                   |  |    |
| <b>FNB Berkshire Hathaway Inc – C ETN</b>  | Berkshire Hathaway is an American multinational conglomerate holding company headquartered in Omaha, Nebraska, United States   | TR |
| <b>FNB Berkshire Hathaway Inc – Q ETN</b>  |  |    |
| <b>FNB Coke - C ETN</b>                    | The Coca-Cola Company is an American multinational beverage corporation headquartered in Atlanta, Georgia. The Coca-Cola Company has interests in the manufacturing, retailing and marketing of non-alcoholic beverage concentrates and syrups.  | TR |
| <b>FNB Coke - Q ETN</b>                    |  |    |
| <b>FNB Facebook - C ETN</b>                | Facebook, Inc. is an American social media conglomerate corporation based in Menlo Park, California.   | TR |
| <b>FNB Facebook - Q ETN</b>                |  |    |
| <b>FNB Ford Motor Company – C ETN</b>      | Ford Motor Company, commonly known as Ford, is an American multinational automaker that has its main headquarters in Dearborn, Michigan, a suburb of Detroit. It was founded by Henry Ford and incorporated on June 16, 1903.  | TR |
| <b>FNB Ford Motor Company – Q ETN</b>      |  |    |
| <b>FNB Goldman Sachs Group Inc – C ETN</b> | The Goldman Sachs Group, Inc., is an American multinational investment bank and financial services company headquartered in New York City. It offers services in investment management, securities, asset management, prime brokerage, and securities underwriting.  | TR |
| <b>FNB Goldman Sachs Group Inc – Q ETN</b> |  |    |
| <b>FNB JP Morgan Chase and Co – C ETN</b>  | JPMorgan Chase & Co. is an American multinational investment bank and financial services holding company headquartered in New York City. JPMorgan Chase is ranked by S&P Global as the largest bank in the United States and the seventh largest bank in the world by total assets, with total assets of US\$3.213 trillion. | TR |
| <b>FNB JP Morgan Chase and Co – Q ETN</b>  |  |    |
| <b>FNB McDonalds - C ETN</b>               | McDonald's Corporation is an American fast-food company, founded in 1940 as a restaurant operated by Richard and Maurice McDonald, in San Bernardino, California, United States.   | TR |
| <b>FNB McDonalds - Q ETN</b>               |  |    |
| <b>FNB Microsoft - C ETN</b>               | Microsoft Corporation is an American multinational technology company with headquarters in Redmond, Washington. It develops, manufactures, licenses, supports, and sells computer software, consumer electronics, personal computers, and related services.  | TR |
| <b>FNB Microsoft - Q ETN</b>               |  |    |

- **C: Compo ETN**
  - Return depends on performance of underlying stock with R/\$ effect
  - Fees: 1% Tracking error margin
- **Q: Quanto ETN**
  - Return depends on performance of underlying stock without R/\$ effect
  - Fees: No costs to the investor. The issuer makes hedging and trading income

\* Dividends Paid: Q =Quarterly; Bi-A = Bi-annually; M = Monthly;  
TR = Total Return product, dividends automatically reinvested; ND = No dividends paid (ETNs)

| Single Stock Access (continued)                                    |  |    |
|--|--|----|
| <b>FNB Netflix - C ETN</b>   | Netflix, Inc. is an American technology and media services provider and production company headquartered in Los Gatos, California. Netflix was founded in 1997 by Reed Hastings and Marc Randolph in Scotts Valley, California.  | TR |
| <b>FNB Netflix - Q ETN</b>   |  |    |
| <b>FNB PayPal Holdings Inc - C ETN</b>                             | PayPal Holdings, Inc. is an American company operating a worldwide online payments system that supports online money transfers and serves as an electronic alternative to traditional paper methods like checks and money orders.  | TR |
| <b>FNB PayPal Holdings Inc - Q ETN</b>                             |  |    |
| <b>FNB Tesla - C ETN</b>   | Tesla, Inc. is an American electric vehicle and clean energy company based in Palo Alto, California. Tesla's current products include electric cars, battery energy storage from home to grid scale, solar products and related products and services.                         | TR |
| <b>FNB Tesla - Q ETN</b>   |  |    |
| <b>FNB Visa Inc, Class A - C ETN</b>                               | Visa Inc. is an American multinational financial services corporation headquartered in Foster City, California, United States. It facilitates electronic funds transfers throughout the world, most commonly through Visa-branded credit cards, debit cards and prepaid cards. | TR |
| <b>FNB Visa Inc, Class A - Q ETN</b>                               |  |    |
| Index Tracking   |  |    |
| <b>FNB iShares Core MSCI World - C ETN</b>                         | The Fund seeks to track the performance of the MSCI World Index - exposure to a wide range of global companies within 23 developed countries.  | TR |
| <b>FNB iShares Core MSCI World - Q ETN</b>                         |  |    |
| <b>FNB - iShares Global Clean Energy UCITS ETF - C ETN</b>         | Tracks the S&P Global Clean Energy Index as the underlying index.  | TR |
| <b>FNB - iShares Global Clean Energy UCITS ETF Q ETN</b>           |  |    |
| <b>FNB - iShares Global Water UCITS ETF - C ETN</b>                | Tracks the S&P Global Water Index as the underlying index.   | TR |
| <b>FNB - iShares Global Water UCITS ETF - Q ETN</b>                |  |    |
| <b>FNB - UBS MSCI World Socially Responsible UCITS ETF - C ETN</b> | Tracks the MSCI World Socially Responsible 5% Issuer Capped Total Return Net Index as the underlying index.  | TR |
| <b>FNB - UBS MSCI World Socially Responsible UCITS ETF - Q ETN</b> |  |    |

- **C: Compo ETN**
  - Return depends on performance of underlying stock with R/\$ effect
  - Fees: 1% Tracking error margin
- **Q: Quanto ETN**
  - Return depends on performance of underlying stock without R/\$ effect
  - Fees: No costs to the investor. The issuer makes hedging and trading income

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## FOREIGN ETNs (continued)

UBS AG (Credit Rating: S&P A+|Moody's Aa3|Fitch AA- )

### Actively Managed ETNs

|  |   |    |
|--|---|----|
| <b>UABSPA – Absa (Global Equity) ETN</b>                           | Primary object of the portfolio is to provide above-average total returns over the medium to long-term by investing in shares listed offshore.  | TR |
| <b>UPCHPA – Absa Global Growth (Private Client Portfolios) ETN</b> | Includes stocks/ETFs from a broad range of DM & EM indices/ETFs across multiple foreign asset classes (equity, Thematic, Property, Bonds, Commodities).   |    |
| <b>UABCPA – Anbro Capital (Global Equity) ETN</b>                  | International Unicorn Portfolio (USD) – aims to provide investors with the opportunity to invest in a hard currency portfolio focused on the next generation of listed founder-managed, start-up (Unicorn) businesses.  | TR |
| <b>UEFPCA – Efficient Group (Global Equity) ETN</b>                | Tracks the EFPC Global House View portfolio, a well-diversified global equity portfolio.  | TR |
| <b>UEFPCB - Efficient Group (SA Equity) ETN</b>                    | Includes stocks from the following SA indices: FTSE/JSE Top 40 or FTSE/JSE MidCap or any JSE-listed ETFs that provide exposure to such indices.   |    |
| <b>UEXGEP – Excelsia (Global Equity) ETN</b>                       | Benchmark: MSCI All Country World Index.  | TR |
| <b>FNBGEG – FNB (Global Equity) ETN</b>                            | The Global Select ETNs aim to achieve long-term capital growth over the economic cycle by selecting leading companies globally that benefit from sustainably growing total return profiles supported by best-in-class management and solid balance sheets.  | TR |
| <b>FNBGSE – FNB (Global Equity) ETN</b>                            |   |    |
| <b>UMMIEA – Momentum (Global Equity) ETN</b>                       | Invests in Momentum Securities' International Equity Portfolio, which has a global focus determined to maximise risk adjusted returns to investors over the medium to long-term by investing in concentrated listed equity positions.   | TR |
| <b>UMMIEB – Momentum (Global Equity) ETN</b>                       |   |    |
| <b>UMMIES – Momentum (World Islamic) ETN</b>                       | Invests in Momentum Securities' International Sharia Aligned Equity Portfolio. This portfolio has a global focus determined to maximise risk adjusted returns to investors over the medium to long-term by investing in concentrated listed equity positions.   | TR |
| <b>UOMWPA - Old Mutual Wealth Global Trust Company ETN</b>         | Includes stocks/ETFs from a broad range of DM & EM indices/ETFs across multiple foreign asset classes (equity, Thematic, Property, Bonds, Commodities).   | TR |
| <b>URETGP – Reitway (Global Property) ETN</b>                      | The Reitway Active Global Property Note is issued by UBS AG. The Note's portfolio replicates that of the other active long-only funds managed by Reitway Global. The objective is to provide investors with efficient access to an actively managed global property portfolio through an instrument listed on the JSE | TR |
| <b>USQCPA – Strategiq (Global Equity) ETN</b>                      | Comprises 30 global companies, equally weighted and rebalanced quarterly, subject to maximum and minimum deviation thresholds. Stock selection focuses on a rules-based quantitative approach as the primary strategy.  | TR |

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## FOREIGN ETNs (continued)

UBS AG (Credit Rating: S&P A+|Moody's Aa3|Fitch AA- )

### Index Tracking ETNs

|   |  |    |
|---|--|----|
| <b>UWORLD MSCI World Net Total Return Index</b>                               | Tracks the MSCI World Net Total Return as the underlying index.                                | TR |
| <b>UBSSNP S&amp;P 500 Net Total Return Index</b>                              | Tracks the S&P 500 Net Total Return as the underlying index.                                   |    |
| <b>UBSSXF EURO STOXX 50 Net Total Return Index</b>                            | Tracks the EURO STOXX 50 Net Total Return as the underlying index.                             |    |
| <b>UESGWL MSCI World ESG Leaders Net Total Return Index</b>                   | Tracks the MSCI World ESG Leaders Net Total Return as the underlying index.                    |    |
| <b>UBSUKX FTSE 100 Net of Tax Index</b>                                       | Tracks the FTSE 100 Net of Tax index as the underlying index.                                  |    |
| <b>UBSNDX Nasdaq-100 Net Total Return Index</b>                               | Tracks the Nasdaq 100 Net Total Return as the underlying index.                                |    |
| <b>UBNDDU MSCI USA Net Total Return Index</b>                                 | Tracks the MSCI USA Net Total Return as the underlying index.                                  |    |
| <b>UJAPAN MSCI Japan Net Total Return Index</b>                               | Tracks the MSCI Japan Net Total Return as the underlying index.                                |    |
| <b>UBTECU Solactive Fintech 20 Net Total Return Index</b>                     | Tracks the Solactive Fintech 20 Net Total Return as the underlying index.                      |    |
| <b>UBFAMU Solactive Global Family-Owned Companies Total Return Index</b>      | Tracks the Solactive Global Family-Owned Companies Total Return index as the underlying index. |    |
| <b>UBDATA Solactive Big Data Net Total Return Index</b>                       | Tracks the Solactive Big Data Net Total Return as the underlying index.                        |    |
| <b>UBROBO Solactive Robotics and Drones Net Total Return Index</b>            | Tracks the Solactive Robotics and Drones Net Total Return as the underlying index.             |    |
| <b>UBDAUD S&amp;P 500 Dividend Aristocrats Net Total Return Index</b>         | Tracks the S&P 500 Dividend Aristocrats Net Total Return as the underlying index.              |    |
| <b>UBLVHD S&amp;P 500 Low Volatility High Dividend Net Total Return Index</b> | Tracks the S&P 500 Low Volatility High Dividend Net Total Return as the underlying index.      |    |
| <b>UBRAIC S&amp;P Kensho New Economy RAIC Net Total Return Index</b>          | Tracks the S&P Kensho New Economy RAIC Net Total Return as the underlying index.               |    |
| <b>UBGURU Solactive Guru Net Total Return Index</b>                           | Tracks the Solactive Guru Net Total Return as the underlying index.                            |    |
| <b>UEMERG MSCI Emerging Market Net Total Return Index</b>                     | Tracks the MSCI Emerging Market Net Total Return as the underlying index.                      |    |

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| <b>COMMODITIES - ETFs</b>                             |  |                        |
|---|--|------------------------|
| <b>Fund</b>   | <b>Description</b>   | <b>Dividends Paid*</b> |
| <b>InvestGold ETF</b>                                 | Invests in physical gold bullion. Providing direct exposure to the gold price, traded in rands as an "inward investment" on the JSE.   | ND                     |
| <b>InvestPalladium ETF</b>                            | Invests in physical palladium bullion. Providing direct exposure to the palladium price, traded in rands as an "inward investment" on the JSE.   | ND                     |
| <b>InvestPlatinum ETF</b>                             | Invests in physical platinum bullion. Providing direct exposure to the platinum price, traded in rands as an "inward investment" on the JSE.   | ND                     |
| <b>InvestRhodium ETF</b>                              | Invests in physical rhodium bullion. Providing direct exposure to the rhodium price, traded in rands as an "inward investment" on the JSE.   | ND                     |
| <b>Absa NewGold ETF</b>                               | Invests in physical gold bullion. Providing direct exposure to the gold price, traded in rands as an "inward investment" on the JSE.   | ND                     |
| <b>Absa NewPlat ETF</b>                               | Invests in physical platinum bullion. Providing direct exposure to the platinum price, traded in rands as an "inward investment" on the JSE.   | ND                     |
| <b>Absa NewGold Palladium ETF</b>                     | Invests in physical palladium bullion. Providing direct exposure to the palladium price, traded in rands as an "inward investment" on the JSE.   | ND                     |
| <b>FirstRand Krugerrand Custodial Certificate ETF</b> | RMB offers you the world's first legal tender gold coin custodial certificates. This investment, listed on the JSE in the ETF sector, is suitable for private investors and institutions. You can invest in and take physical delivery of your gold coins via the JSE without worrying about how you are going to store them. Your Krugerrand holdings stay constant and your investment performance is related directly to the rand gold price. | ND                     |

| <b>COMMODITIES - ETNs</b>        |   |    |
|----------------------------------|---|----|
| <b>Absa NewWave Platinum ETN</b> | Invests in the spot price platinum market, thus differing from the Standard Bank Platinum-Linker, which invests in platinum futures. Trades in rands on the JSE.  | ND |
| <b>Absa NewWave Silver ETN</b>   | Invests in silver spot market. Listed and traded in rands as "inward investments" on the JSE.   | ND |
| <b>Standard Bank Copper ETN</b>  | Provides access to the copper price on world markets, using copper commodity futures traded on COMEX (traded in rands on the JSE).  | ND |
| <b>Standard Bank Oil ETN</b>     | The Oil ETN is linked to the price of Brent Crude Oil price (which is more relevant in South Africa) Traded in rands on the JSE.  | ND |
| <b>CURRENCIES - ETNs</b>         |   |    |
| <b>Absa NewWave GBP ETN</b>      | Provides an investment in the British Pound, where the principal amount stays unchanged in Pounds. Interest accrues on a daily basis and is included in the ETN price. The price is measured against the rand, so the price can go up or down (in rands), depending on Rand/UK £ exchange rate movements. Listed as inward investments on the JSE, trades in rands. | ND |
| <b>Absa NewWave EUR ETN</b>      | Same as above but provides a Euro Investment.   | ND |
| <b>Absa NewWave USD ETN</b>      | Same as NewWave GBP but invests in US Dollar deposits.  | ND |

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TR = Total Return product, dividends automatically reinvested; ND = No dividends paid (ETNs)