

# Sygnia Itrix 4th Industrial Revolution Global Equity ETF

Global - Equity - General

30 June 2021

Portfolio Managers **Sygnia Asset Management**  
 Inception **6 December 2017**  
 Fund Size **R 2.420 Billion**  
 NAV Price **5 099 cents**  
 Units in Issue **47 458 467**

Investment Objective

To replicate the price and yield performance of the S&P Kensho New Economies Composite Index

Income Distribution

Bi-Annually (December and June)

Payment: Dec 2020 - No Distribution

Payment: 13 Jul 2020 - 4.05957 cents per unit

Trustees

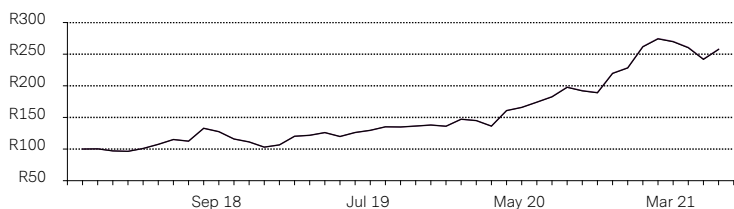
Standard Bank Trustees (021 441 4100)

| Fund Information        |  |
|-------------------------|--|
| Classification          | Global - Equity - General                |
| Asset Allocation        | 100% Offshore Equity                     |
| NAV/Index Ratio         | ca. 1/100                                |
| Financial Year End      | 31 December                              |
| Index Tracking          | S&P Kensho New Economies Composite Index |
| Dividend Distribution   | Semi-annual distribution                 |
| NAV Publication         | Daily on sygnia.co.za                    |
| Portfolio Valuation     | Close of relevant market                 |
| Foreign exchange source | World Market fix rate 16:00pm EST        |

## Cumulative Investment Performance

Growth of R100 invested on 31 December 2017

Investment: R257.75  
 Benchmark: R257.44



Legend: Sygnia Itrix 4th Industrial Revolution Global Equity (purple line), S&P Kensho New Econo Comp Index (black line)

Cumulative investment performance is for illustrative purposes only and is calculated using the NAV before any distributable income and management fee.

## Top 10 Holdings

| Instrument  | Percent |
|---|---------|
| Bruker Ord Shs  | 1.7%    |
| Teledyne Technologies Ord Shs                         | 1.5%    |
| Nano Dimension Sponsored 1 ADR Representing 1 Ord Shs | 1.1%    |
| Vuzix Ord Shs   | 1.0%    |
| 3D Systems Ord Shs                                    | 0.9%    |
| Leidos Holdings Ord Shs                               | 0.8%    |
| Rada Electronics Industries Ord Shs                   | 0.8%    |
| Pacific Biosciences of California Ord Shs             | 0.8%    |
| Elbit Systems Ord Shs                                 | 0.7%    |
| HyreCar Ord Shs                                       | 0.7%    |

## Historical Performance

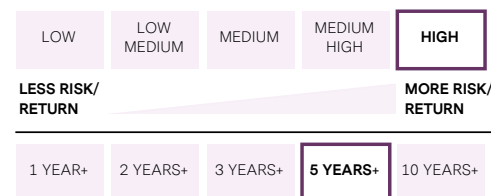
|      | Jan   | Feb   | Mar   | Apr   | May   | Jun  | Jul   | Aug   | Sep   | Oct   | Nov   | Dec   | Year  |
|------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| 2018 | 0.4%  | -3.3% | -0.7% | 4.7%  | 6.5%  | 7.1% | -2.3% | 18.1% | -4.0% | -9.1% | -4.0% | -7.4% | 3.0%  |
| 2019 | 3.4%  | 12.8% | 1.3%  | 3.5%  | -4.9% | 5.3% | 2.7%  | 4.3%  | -0.2% | 1.1%  | 1.2%  | -1.4% | 32.0% |
| 2020 | 8.2%  | -1.5% | -6.0% | 18.0% | 3.2%  | 5.0% | 4.9%  | 8.2%  | -2.8% | -1.6% | 16.2% | 3.9%  | 67.9% |
| 2021 | 14.7% | 4.8%  | -1.7% | -3.5% | -7.1% | 6.5% |       |       |       |       |       |       | 12.9% |

## Risk Statistics

|  | Fund   | ^BM    |
|--|--------|--------|
| % Negative Months                                    | 40.5%  | 40.5%  |
| Average Negative Month                               | -3.6%  | -3.6%  |
| Largest Drawdown                                     | -22.4% | -22.4% |
| Standard Deviation                                   | 23.1%  | 23.1%  |
| Downside Deviation                                   | 8.9%   | 8.9%   |
| Highest Annual Return: Apr 2020 - Mar 2021           | 98.1%  | 97.9%  |
| Lowest Annual Return: Sep 2018 - Aug 2019            | 1.7%   | 1.8%   |
| Annualised Tracking Error (Active Return)            | 0.05%  | -      |
| Annualised Tracking Error (Std Dev of Active Return) | 0.26%  | -      |

The risk statistics reflected above are calculated on a 60-month or since-inception basis, depending on which period is shorter. ^Benchmark is the Index.

Minimum Disclosure Document - Issue Date: 12 Jul 2021



| Listing Information |                    |
|---------------------|--------------------|
| Exchange            | JSE Limited        |
| Exchange Code       | SYG4IR             |
| Trading Currency    | ZAR                |
| Portfolio Currency  | USD                |
| ISIN                | ZAE000252433       |
| RIC                 | SYG4IRJ            |
| Bloomberg Ticker    | SYG4IR SJ EQUITY   |
| Trading Hours       | 9:00 am - 16:50 pm |
| Transaction cut-off | JSE trading hours  |

## Asset Allocation

| Asset                | Percent | Allocation |
|----------------------|---------|------------|
| International Equity | 100.0%  |            |

## Sector Allocation

| Sector                 | Percent | Allocation |
|------------------------|---------|------------|
| Information Technology | 34.2%   |            |
| Industrials            | 23.0%   |            |
| Health Care            | 12.6%   |            |
| Consumer Discretionary | 12.0%   |            |
| Financials             | 7.2%    |            |
| Communication Services | 7.2%    |            |
| Other                  | 3.8%    |            |

## Portfolio Performance Analysis

| Period          | Sygnia Itrix 4th Industrial Revolution Global Equity | S&P Kensho New Economies Composite Index (ZAR)** | S&P Kensho New Economies Composite Index (USD)** | Sygnia Itrix 4th Industrial Revolution Global Equity (TR) |
|-----------------|--|--|--|---|
| 1 Month         | 6.5%   | 6.5%   | 2.4%   | 6.5%  |
| 3 Months        | -4.5%  | -4.5%  | -1.2%  | -4.5%   |
| 6 Months        | 12.9%  | 12.8%  | 16.1%  | 12.9%   |
| Year to Date    | 12.9%  | 12.8%  | 16.1%  | 12.9%   |
| 1 Year          | 48.0%  | 47.9%  | 79.9%  | 48.2%   |
| 3 Years         | 30.8%  | 30.8%  | 29.0%  | 31.0%   |
| Since Inception | 31.1%  | 31.0%  | 25.8%  | 31.2%   |

Performance of the fund is calculated by Sygnia Asset Management as at reporting date.  
 \*A positive performance in currency reflects a depreciation of ZAR against base currency and vice versa.  
 \*\*Price return.

## Fees

|                               |                  |
|-------------------------------|------------------|
| Management Fee                | 0.50%            |
| Other costs                   | 0.03%            |
| VAT                           | 0.08%            |
| Total Expense Ratio (TER)     | 0.61% (Jun 2021) |
| Transaction Costs (TC)        | 0.08% (Jun 2021) |
| Total Investment Charge (TIC) | 0.69% (Jun 2021) |



# Sygnia Itrix 4th Industrial Revolution Global Equity ETF

## Fund Commentary

Global - Equity - General

2nd Quarter 2021

### Market Performance

Global equity markets had a tough June, falling with gold (which had its largest monthly fall since 2016), copper and bitcoin as the Fed signalled a more hawkish outlook. The resource sector was down 9% at the lows before Fed chair Jerome Powell stepped in to calm markets and confirm that the inflation is transitory. We expect a lot of volatility in the second half of the year as the Fed tries to stop asset bubbles from forming (talks rates up) while protecting the economy (talks rates down). The Fed will ideally want to calm markets without actually slowing the economy by raising rates.

The WHO notes that the Delta variant is about 55% more transmissible, making it the dominant Covid-19 force. It has already breached Australia's defences, forcing 80% of the population into lockdown. The Delta variant appears to overcome the first-round dose of the vaccine, highlighting the need for full vaccination. Global vaccination rates remain very unequal, with the US and Europe having vaccinated nearly half their populations and emerging markets and Asia lagging significantly behind. On the bright side, the vaccination rate is accelerating, healthcare providers have become better at triaging and treating, governments have become more targeted in their lockdown measures, and households have become more adept at living in the new normal.

South Africa has moved to level four lockdown until Monday, 12 July, at which point the presidency will "reassess" the situation. However, with the third wave underway and infection numbers significantly high (between 16 000 to 18 000 new infections daily), it is most likely that the lockdown will be extended. The toll this will take on an economy that was just starting to recover remains to be seen, but several industries will take another hit, from the restaurant and hospitality sector through the alcohol industry to gyms and even churches that rely on weekly member collections. More concerning is the recently released Sanlam Benchmark Survey, which showed that 27% of stand-alone retirement funds and 41% of umbrella funds' employers suspended retirement fund contributions last year.

Strong inflationary pressures and recovering growth prompted a sharp shift towards normalising policy, with the Fed providing a hawkish surprise in June. The dot plot showcased seven members seeing a rate hike in 2022, with the majority (13) expecting at least one rate hike before the end of 2023 and the median projection showing two hikes. Speaking at a press conference, Powell acknowledged "the possibility that inflation could turn out to be higher and more persistent than we expect". Additionally, his comments suggested that tapering talks had been initiated. However, monetary policy will remain accommodative, and many key input prices are already lower as commodity prices roll over. The end of Covid unemployment benefits should replenish labour supply, and unemployment is too high at this point to generate wage growth, with the US only likely to return to full employment in 2024.

Longer term, interest rates are unlikely to rise significantly as the global debt load stands at record highs. As of 31 March, outstanding debt was at US\$290 trillion, or c.360% of GDP (Chart 2). Global economies have continued to respond to crises by taking on more debt and kicking the can down the road, but if bond yields surge higher without policy support, this tightening of financial conditions will push major economies into recession. Any sharp increase in bond yields will impact the cost-servicing debt supporting \$300 trillion worth of global real estate, unleashing a deflationary downward spiral.

However, Japan has managed to kick the can down the road, take on more debt and avoid inflation for 30 years; debt-funded growth has less and less impact as debt grows higher, so it is highly unlikely that the world will inflate or grow its way out of debt with more debt.

The pseudo-capitalism model will likely continue, further blurring the boundary between the "independent" central banks and the governments from which they buy bonds as fiscal support.

China's economic growth has become more balanced. Consumption and services have continued to recover, while exports and the housing market are fading on lower Covid-related demand. Commodity prices have begun to drop on the back of this normalisation and on China's strong rhetoric against commodity price manipulations. China's slowdown is a headwind for commodity prices (Chart 3), and despite global fiscal spend supporting commodities, we expect further commodity headwinds into the end of the year.

South Africa's first quarter GDP rose more than expected, at an annualised 4.6% quarter-on-quarter, but growth remains constrained by load-shedding, which returned to stage four in June. President Ramaphosa announced that the Department of Mineral Resources and Energy will amend Schedule 2 of the Electricity Regulation Act to raise the licensing threshold for embedded generation projects from 1 MW to 100 MW within the next 60 days. This is double the limit announced at SONA, but the SONA limit change was also promised within three months, and that deadline has already been missed. The announcement was timely, as the R225-billion Karpowership emergency power deal may have been sunk by the Environment Department, which turned down the Turkish consortium's proposal.

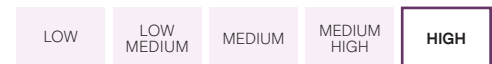
Meanwhile, money management within municipalities remains dismal, with the latest audit of South African municipalities giving only 27 of 257 municipalities a clean bill of financial health. Twenty-two municipalities managed to go through a combined R5.5 billion in the 2019/20 financial year, but officials are unable to explain where or how the money was spent. In fact, the South African Institute of Chartered Accountants estimates that South Africa lost R1.5 trillion through corruption in the five years between 2014 and 2019. The wheels of justice are turning very slowly but, finally, perceptibly, with South Africa's top court sentencing ex-president Jacob Zuma to 15 months' imprisonment for contempt of court.

Globally, the Covid-19 Delta strain has perpetuated global lockdowns, while pharmaceutical companies face a race against the clock with regard to mass vaccine production and rollouts. Economies are still recovering, and a recovery to pre-2019 levels may take some years, particularly in terms of debt repayments. Locally, businesses are braced for the inevitable economic impact of the current level four lockdown (likely to be extended beyond two weeks).

The light at the end of the corruption tunnel is getting distinctly brighter. The Constitutional Court ruling sentencing Zuma to 15 months' in jail for contempt of court has set a legal precedent and sent a very loud signal that no South African is above the law. This is sure to have several high-ranking ANC members quaking somewhat in their boots – Ace Magashule is at the top of the list, followed by Zweli Mkhize.

It looks like the South African rollercoaster is set for another downhill turn, but we should see an improvement towards the third quarter as the national vaccine rollout gathers momentum.

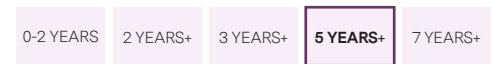
### RISK PROFILE



LESS RISK/  
RETURN

MORE RISK/  
RETURN

### TIME HORIZON



### Fund Performance

The Sygnia Itrix 4th Industrial Revolution ETF delivered -4.5% for the quarter, in line with its benchmark, the S&P Kensho New Economies Composite Index. The Fund benefitted from exposure to 3D Systems Corp, NVIDIA Corp and NIO Inc, while its exposure to Vuzix Corp, Riot Blockchain Inc and Fuelcell Energy Inc detracted from performance.

There were several changes to the tracked index's constituents over the period, including the addition of BioNano Genomics Inc, Ebang International Holdings Inc and Telos Corp and the removal of Ingevity Corp, Camtek Ltd and Change Healthcare Inc.

The Fund remains true to its investment objective of delivering returns that mirror those of the S&P Kensho New Economies Composite Index.

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Sygnia Itrix (RF) (Pty) Ltd is a registered and approved Manager under the Collective Investment Schemes Control Act, 2002. Sygnia Itrix does not provide any guarantee with respect to the capital or return of the portfolio. Collective Investment Schemes (CIS) are generally medium to long-term investments. The value of participatory interests may go down as well as up and past performance is not necessarily an indicator of future performance. CIS are traded at ruling prices and can engage in borrowing and scrip lending. ETFs trade on stock exchanges and may therefore incur additional costs associated with listed securities. Unlike a unit trust, which can be bought or sold only at the end of the trading day, an ETF can be traded intraday, during exchange trading hours. ETFs may invest in foreign securities, which may be exposed to macroeconomic, settlement, political, tax, illiquidity and foreign exchange risks. Additional information on the Index including its performance and tracking error can be viewed on the relevant Fund Fact Sheets on [www.sygnia.co.za](http://www.sygnia.co.za). A schedule of fees and charges may be requested via [admin@sfs.sygnia.co.za](mailto:admin@sfs.sygnia.co.za) or 0860 794 642 (0860 SYGNIA). The complete terms and conditions of your ETF investment are contained in the fund's offering circular, pre-listing statement, programme memorandum and/or supplemental. These documents may be obtained from [www.sygnia.co.za](http://www.sygnia.co.za) or on request from Sygnia. Nothing in this document shall be considered to state or imply that the Fund is suitable for a particular type of investor.

## Important information to consider before investing

### Investment Objective and Strategy

The objective of the Sygnia Itrix 4th Industrial Revolution Global Equity ETF is to provide simple access to investors who wish to gain investment exposure to new technologies by tracking the movements of the Kensho New Economies Composite Index as closely as reasonably possible. The Kensho New Economies Composite Index comprehensively captures the 21st Century Sectors that are propelling the 4th Industrial Revolution and fostering new industries that will transform every facet of our lives. This is a high risk, passively managed index tracking fund with an objective to track the movements of the Kensho New Economies Composite Index (KNEX) through investing in the physical index securities by buying securities that substantially make up the Index at similar weighting as they are included in the Index. The term "4th Industrial Revolution" has become widely accepted as the name associated with the concept of a revolution which will fundamentally change the way we live, work and relate to one another. It is characterised by the coming online of a range of new technologies that are fusing the physical, digital and biological worlds and impacting all disciplines, economies and industries. These technologies include autonomous vehicles, cleantech, drones, 3D printing, robotics, nanotechnology, smart buildings, virtual reality, cybersecurity, space and wearables, among others. Derivatives are allowed for efficient portfolio management.

### Balancing risk and reward

The Fund has a 100% strategic allocation to global equities. The structure of the Fund is dictated by the composition of the Kensho New Economies Composite Index and managed with the aim to produce the same level of income as that produced by the index. Investors are alerted to the fact that the Fund is not a general equity product, but one with a specific focus, and thus a specific risk and return profile. For a change in the index constituents, please refer to the published SENS. Index Performance data can be sourced from Bloomberg, Reuters, other data providers and at [www.sygnia.co.za](http://www.sygnia.co.za).

Collective Investment Schemes (CIS) are generally medium-to long-term investments. The value of units may go down as well as up and past performance is not necessarily an indicator of future performance. CIS are traded at ruling prices and can engage in borrowing and scrip lending. Equity markets are volatile and the price of equities fluctuate based on a number of factors such as changes in the economic climate, general movements in interest rates and the political and social environment which will also affect the value of the securities held in the unit trust, thereby affecting the overall value of the unit trust. There are regulations in place which limit the amount that a unit trust may invest in securities, thereby spreading the risk across securities, asset classes and companies. The fund may also be exposed to liquidity risk. This relates to the ability of the unit trust to trade out of a security held in the portfolio at or near to its fair value.

Annualised performance figures represent the geometric average return earned by the fund over the given time period. Unannualised performance represents the total return earned by the fund over the given time period, expressed as a percentage.

Performance is calculated based on the NAV to NAV calculation of the portfolio. Individual investor performance may differ as a result of initial fees, the actual investment date and dividend withholding tax.

### Fees

A schedule of fees and charges is available on request from Sygnia Itrix. Permissible deductions may include management fees, brokerage, STT, auditor's fees, bank charges and trustee fees. Sygnia Itrix ETFs are Exchange Traded Funds that trade on stock exchanges and may therefore incur additional costs associated with listed securities. Sygnia Itrix does not provide advice and therefore does not charge advice fees.

### What is the Total Expense Ratio (TER) and Transaction Costs (TC)?

The total expense ratio (TER) is the annualised percentage of the fund's average assets under management that has been used to pay the fund's actual expenses over the past year. Transaction costs are a necessary cost in administering the fund and impact fund returns. They should not be considered in isolation as returns may be impacted by many other factors over time, including market returns, the type of financial product, the investment decisions of the investment manager and the TER. Since fund returns are quoted after the deduction of these expenses, the TER and Transaction Costs should not be deducted again from the published returns. A higher TER does not necessarily imply a poor return, nor does a low TER imply a good return.

### Foreign Securities

The fund invests in foreign securities, which may be exposed to macroeconomic, settlement, political, tax, reporting or illiquidity risk factors that may be different to similar investments in South African markets. Fluctuations or movements in exchange rates may cause the value of underlying investments to go up or down.

### Cumulative Investment Performance

Cumulative investment performance is for illustrative purposes only. The investment performance is calculated by taking all ongoing fees into account for the amount shown, with income reinvested on the reinvestment date.

### Exchange Traded Funds vs Unit Trusts

Whilst both unit trusts and ETFs are regulated and registered under the Collective Investment Scheme Control Act, ETFs trade on stock exchanges just like any other listed, tradable security. Unlike a unit trust, which can be bought or sold only at the end of the trading day, an ETF can be traded intraday, during exchange trading hours.

### How are NAV prices calculated?

Net Asset Value (NAV) prices are calculated on a net asset value basis, which is the total market value of all assets in the portfolio including any income accruals and less any permissible deductions from the portfolio divided by the number of units in issue. The price at which ETFs trade on an Exchange may differ from the NAV price published at the close of the trading day, because of intraday price movements in the value of the constituent basket of securities.

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