

## Schroder AsiaPacific Fund

## Stock selection in a growth region

Schroder AsiaPacific Fund (SDP) seeks to deliver long-term capital growth by investing in companies in Asia, excluding Japan. Since launch in 1995, the portfolio has been managed by Matthew Dobbs, who focuses on individual stock selection, with an awareness of macroeconomic factors. He is supported by a large research team based in Asia. There is a focus on companies with visible earnings growth, sustainable returns and valuation support. Over most time periods, the performance of the fund versus the benchmark has been positive.

12 months ending	Total share price return (%)	Total NAV return (%)	Benchmark* (%)	MSCI World (%)	FTSE All-Share (%)
29/02/12	15.5	11.8	3.8	0.1	1.5
28/02/13	14.9	19.2	11.4	16.5	14.1
28/02/14	(13.9)	(13.6)	(9.6)	10.2	13.3
28/02/15	29.3	26.0	20.8	17.0	5.6
29/02/16	(10.3)	(8.1)	(11.8)	(1.3)	(7.3)

Source: Thomson Datastream. Total return basis. Note: \*Benchmark is MSCI AC Far East ex-Japan until 30 January 2011 and MSCI AC Asia ex-Japan thereafter.

## Investment strategy: Focused on stock selection

SDP offers diversified exposure to the Asia Pacific ex-Japan region via a portfolio of 70-90 stocks, selected primarily on a bottom-up basis. Holdings tend to fall into four broad categories: positive transition, core stocks with superior business models, opportunistic positions and those based on intrinsic value. The manager is not constrained by the benchmark and the portfolio has a high active share. At the end of February 2016, the portfolio had a high active share of 72.6%, with 22.7% of the portfolio in non-index stocks. Input to stock selection is provided by a team of 43 analysts based in seven Asian regional offices, including India.

## Market outlook: Valuation may present an opportunity

Asian equities have lagged the world market since 2011, primarily as a result of a strong US market. Heightened concerns regarding developments in the Chinese economy have led to a further leg down in relative performance. Although global growth estimates are being revised down, the outlook for GDP growth in the Asia Pacific ex-Japan region is significantly above that for advanced economies, driven in part by rising disposable incomes and relatively low household debt. As a result, the P/E valuation discount of c 20% in the region versus the world index may present an opportunity to investors with a longer-term outlook.

#### Valuation: Potential for discount to narrow

The current cum-income discount of 11.0% is wider than the one-, three-, five- and 10-year averages, probably reflecting concerns about China. Given the positive long-term performance of the fund, over time, if sentiment towards the region improves there is the potential for the discount to narrow. An informal discount control policy aims to maintain the long-term, cum-income discount below 10%.

#### Investment trusts

#### 18 March 2016

Price	<b>266.5</b> p			
Market cap	£450.6m			
AUM	£535.0m			

 NAV\*
 299.1p

 Discount to NAV
 10.9%

 NAV\*\*
 299.4p

 Discount to NAV
 11.0%

\*Excluding income. \*\*Including income. As at 17 March 2016.

Yield 1.6%
Ordinary shares in issue 169.1m
Code SDP
Primary exchange LSE
AIC sector Asia Pacific ex-Japan

#### Share price/discount performance



#### Three-year cumulative perf. graph



52-week high/low 318.0p 233.5p NAV\*\* high/low 355.0p 263.4p \*\*Including income.

# Gearing Gross\* 6.0% Net\* 5.8%

## \*As at 29 February 2016. **Analysts**

Mel Jenner +44 (0)20 3077 5700 Andrew Mitchell +44 (0)20 3681 2500

investmenttrusts@edisongroup.com

Edison profile page

Schroder AsiaPacific Fund is a research client of Edison Investment Research Limited



#### Exhibit 1: Trust at a glance

#### Investment objective and fund background

Schroder AsiaPacific Fund aims to achieve capital growth through investment primarily in the equity of companies located in the continent of Asia (excluding the Middle East and Japan), together with the Far Eastern countries bordering the Pacific Ocean, with the aim of achieving growth in excess of the MSCI All Countries Asia ex-Japan index in sterling terms over the longer term. Until 30 January 2011, the benchmark was the MSCI All Countries Far East ex-Japan index, but it was changed to an index that included India to reflect the growing importance of the Indian stock market.

#### Recent developments

- 28 January 2016: Retirement of chairman Rupert Carington.
- 17 December 2015: Annual report for year to 30 September 2015. NAV TR of -3.3% vs -6.0% for the benchmark MSCI All Countries Asia ex-Japan index. Share price TR of -5.7%.
- 17 December 2015: Final dividend of 4.20p declared, an increase of 53% year-on-year.
- 28 May 2015: Half-yearly report for the six months ending 31 March 2015. NAV TR of 15.2% vs 14.8% for the benchmark. Share price TR of 14.0%.

Forthcoming		Capital structure		Fund detail	s
AGM	January 2017	Ongoing charges	1.03%	Group	Schroder Unit Trust Ltd
Annual results	December 2016	Net gearing	5.8%	Managers	Matthew Dobbs
Year end	30 September	Annual mgmt fee	Tiered, 0.80-0.95% (page 7)	Address	31 Gresham Street,
Dividend paid	February	Performance fee	None		London EC2V 7QA
Launch date	November 1995	Trust life	Indefinite	Phone	020 7658 3206
Continuation vote	Five yearly, next in 2021	Loan facilities	£30m revolving, £30m o'draft	Website	www.schroders.co.uk/its

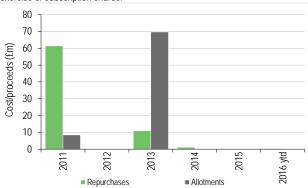
#### Dividend policy and history

Dividend paid annually in February. While the trust is focused on capital growth, it has paid dividends in 18 of its 20 years.



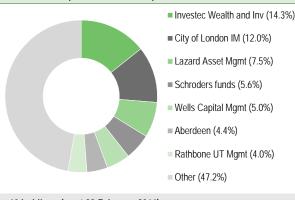
#### Share buyback policy and history

SDP targets a discount of below c 10%. Issuance in the chart below includes exercise of subscription shares.



#### Shareholder base (as at 14 March 2016)

#### Geographical breakdown of portfolio (as at 29 February 2016)





Top 10 holdings (as at 29 February 2016)					
			NAV weight %		
Company	Country of listing	Sector	29 February 2016	28 February 2015	
Taiwan Semiconductor Manufacturing	Taiwan	Technology	8.0	5.7	
Jardine Strategic Holdings	Hong Kong	Industrials	5.1	4.3	
Fortune Real Estate Investment Trust	Hong Kong	Financials	4.3	3.9	
Samsung Electronics	South Korea	Technology	4.0	3.6	
Tencent Holdings	China	Technology	3.9	2.7	
China Pacific Insurance Group	China	Financials	3.8	N/A	
AIA Group	Hong Kong	Financials	3.5	3.3	
China Mobile	China	Telecommunications	2.7	N/A	
Hyundai Motor	South Korea	Consumer discretionary	2.2	2.8	
Techtronic Industries	Hong Kong	Consumer discretionary	2.1	2.3	
Top 10 (% of NAV)			39.6	33.7	
Total holdings			80	82	

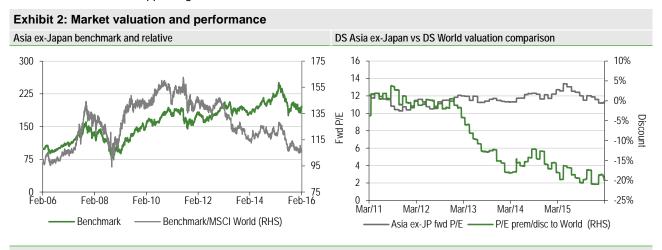
Source: Schroder AsiaPacific Fund, Edison Investment Research, Morningstar, Thomson. Note: \*N/A where not in February 2015 top 10.



## Market outlook: Higher relative growth

Over the last 12 months, the benchmark has been weak in both absolute and relative terms, reflecting increasing concerns about developments in the Chinese economy in particular. However, despite global and Asian growth expectations generally being revised down, forecast GDP growth in Asia ex-Japan is still significantly higher than for advanced economies. On a longer-term view, drivers include growth in consumption as a result of higher disposable income, still relatively low household debt and low unemployment, growth in trade and financial services and infrastructure spending. Looking at valuation, the Datastream Asia ex-Japan index forward P/E multiple now stands at a c 20% discount to the world index, close to the low end of the five-year range.

For investors wanting to take advantage of the depressed valuations in the region, but nervous of exposure to value traps, a fund such as SDP with an active stance based on stock selection could be appealing.



Source: Thomson Datastream, Edison Investment Research

## Fund profile: Stock selection in Asia Pacific ex-Japan

SDP was launched in 1995 to seek capital growth from investing in companies in Asia excluding Japan. Since inception it has been managed by Matthew Dobbs, now head of global small-cap equities at Schroders. Having joined the company in 1981, he has been running Asian specialist funds since 1985. Dobbs works closely with Richard Sennitt in Schroder's London office; he also manages the Schroder Oriental Income Fund. The SDP portfolio targets 70-90 holdings. There is a focus on companies with visible earnings growth, sustainable returns and valuation support, which can lead to significant underweight positions in certain sectors and countries. Risk controls dictate that no more than 15% can be invested in a single company and no more than 10% can be invested in other UK-listed investment companies. Up to 5% may be invested in unlisted securities, but in practice no such investments are held. While portfolio composition largely reflects individual stock selection and a consideration of fundamental risks, a proprietary risk management system provides an independent assessment, giving a quantitative view of the portfolio characteristics.

## The fund manager: Matthew Dobbs

## The manager's view: Value in China

The manager can see value in parts of the Chinese stock market, having been cautious about the rally seen up to mid-2015. Dobbs acknowledges that there are risks that the economic situation in



China deteriorates significantly, with the scale of credit growth a particular concern and underlying 'real' growth probably running in the region of 3-4%. Against this he believes the authorities will be able to navigate out of a worst-case scenario that might involve a collapse in the currency, deflation or a significant rise in bad debts. Positively, recent consumer statistics are not bad, with migrant worker wages up 7% year-on-year, for example. China is not losing share in the export market and the trade surplus is rising. China is the key domestic risk to Asian equities but, with the regional market now on a 1.2x price to book value, markets are at a level where, historically, buying has been rewarded.

Portfolio turnover can vary and has been 31.3% over the last 12 months. There are a number of new positions in the portfolio, but over the last 12 months, the basic core shape of the portfolio has not changed very much. The key investible themes remain the same, eg strong free cash flow generation, low-cost production and sustainable yield.

The portfolio is underweight the top decile companies in terms of market capitalisation. Dobbs comments that this does not reflect a top-down decision, but arises from stock selection and the rich opportunity set among mid- and smaller-cap companies in Asia, particularly in the consumer-related sectors. By contrast, some of the mega-caps face structural headwinds.

#### **Asset allocation**

#### Investment process: Stock selection drives performance

Matthew Dobbs and his colleague Richard Sennitt are based in London. They both have many years' experience of investing in Asia (Dobbs has 34 and Sennitt has 22) and have daily contact with Schroders' analysts based in Asia. The team of 43 operates from seven regional offices, including India. During 2015, Raymond Maguire was appointed as the new head of Asia research; he has introduced a new research template, which facilitates the screening of a broader universe of stocks.

The investment process is based around stock selection, with ideas generated by the manager and the in-house analysts. Resources include company meetings and quantitative screens focusing on macro- and company-specific factors including cash flow, earnings revisions and valuation. Country allocation is conducted each month using the output of a proprietary quantitative model and the manager's qualitative views. Potential portfolio holdings are researched internally and models constructed with a standard format to eliminate where possible the differences in accounting regimes and to allow comparisons between companies in the same industry or region. Stocks are given a ranking based on their perceived quality, their valuation and the analyst's level of conviction. The manager focuses on companies with visible earnings growth, sustainable returns and valuation support. They are ranked based on his view of upside/downside potential and his level of conviction. Weightings within the portfolio reflect these considerations and the primary objective is to create a portfolio with an appropriate level of stock-specific risk. There is also a proprietary risk management system, which provides a quantitative view of the characteristics of the portfolio. Investment restrictions are in place to ensure adequate diversification and spread of investment risk (see Fund profile section).

## **Current portfolio positioning**

At the end of February 2016, SDP's portfolio comprised 80 stocks compared with a range of 70 to 90 and a peer group average of c 70. The top 10 holdings accounted for 39.6% versus 33.7% at the end of February 2015. Eight of the top 10 positions were held at the end of both years. The portfolio has a high active share of 72.6%, with 22.7% of the portfolio in non-index stocks (as at the end of February 2016).



Exhibit 3: Top 10 active over/underweights at 29 February 2016									
Overweight	Active vs index (% pts)	Underweight	Active vs index (% pts)						
Jardine Strategic	4.8	China Construction Bank	(1.8)						
Fortune Real Estate	4.1	ICBC	(1.3)						
TSMC	3.5	CK Hutchison	(1.2)						
China Pacific Insurance	3.2	Bank of China	(1.1)						
Apollo Hospitals	1.9	Infosys	(1.1)						
Gujarat Pipavav Port	1.8	Hong Kong Exchanges	(0.9)						
Techtronic Industries	1.8	Housing Development Finance	(0.8)						
Hongkong Land	1.6	Ping An Insurance	(0.8)						
HKT Trust	1.6	Sun Hung Kai Properties	(0.7)						
Ayala Land	1.6	Reliance Industries	(0.7)						

Source: Schroder AsiaPacific Fund. Note: Index is MSCI AC Asia ex-Japan.

The top 10 overweight and underweight positions are shown in Exhibit 3. Looking at the top overweight positions, there is diversification by industry and geography. The manager has been cautious on both Chinese banks and insurance companies, as shown by the largest underweight positions, where four of the top 10 are in these industries. However, as evidence of the stock-specific, active nature of the SDP portfolio, the fourth overweight position is a Chinese insurance company with positive fundamentals in a sector with reasonable secular growth.

Geographically, the fund is heavily weighted to Hong Kong/China (50.4% at the end of February) with a 9.7% overweight. This is comprised of an overweight position in Hong Kong and an underweight position in China. The underweight position in China has been reduced with market weakness but, as the top underweights list shows, there are still significant stocks that Dobbs wishes to avoid. He sees many companies in Hong Kong as attractively valued; balance sheets have strengthened, dividend yields are attractive and managements are acting in the interests of shareholders. The overweight position in India (12.2% of the portfolio, overweight by 2.9%) has been reduced as a result of profit taking. Korea is the largest underweight position (-7.6%).

Exhibit 4: Sector allocations 29 February 2016 (%)										
	Portfolio end February 2016	MSCI AC Asia ex- Japan index weight	Active weight vs index weight (% points)	Trust weight/index weight (x)						
Consumer discretionary	15.2	8.6	6.6	1.8						
Telecom services	11.5	6.6	4.9	1.7						
Industrials	13.4	9.1	4.3	1.5						
Healthcare	5.6	2.7	2.9	2.1						
Information technology	25.2	23.7	1.5	1.1						
Materials	4.2	4.5	(0.3)	0.9						
Financials	28.8	30.5	(1.7)	0.9						
Energy	1.4	4.2	(2.8)	0.3						
Utilities	0.0	4.3	(4.3)	N/A						
Consumer staples	0.2	5.8	(5.6)	0.0						
Cash	-5.5	0.0	(5.5)	N/A						
	100.0	100.0	0.0							

Source: Schroder AsiaPacific Fund, Edison Investment Research

On a sector allocation basis, in line with our <u>report</u> dated 29 April 2015, the portfolio remains overweight consumer discretionary focusing on good-quality growth companies. The largest underweight sector is consumer staples, reflecting high valuations in this area and structural headwinds.

## Performance: Good record over a multi-year period

SDP has generated strong relative performance in share price and NAV terms over both short- and long-term periods, as shown in Exhibit 6. There have been periods of underperformance, most recently in April 2015, when China A shares and second-line stocks rallied sharply. SDP stuck to its strategy, the rally was short lived and the trust has continued to outperform (Exhibit 7).



The manager indicates that 60–70% of the net outperformance of 3.8% of the SDP NAV versus the MSCI AC Asia ex-Japan Index in 2015 was as a result of stock selection, especially in China. The focus has been on quality companies exhibiting real growth. There was also positive performance from stock selection in Taiwan, India and Korea.

On a geographic allocation basis, overweight positions in Hong Kong and India added to performance, as did zero exposure to Malaysia and an underweight position in Singapore.

Performance was negatively affected by exposure to Thailand, both in terms of an overweight position and from stock selection. An underweight position in Korea was a modest detraction from performance, but was more than made up for by positive stock selection.

Exhibit 5: Investment trust performance to 29 February 2016 Price, NAV and benchmark total return performance, one-year rebased Price, NAV and benchmark total return performance (%) 115 15 110 10 105 100 Performance 5 95 0 90 -5 85 80 -10 -15 eb/1 3 m 1 y 3 y 5 y 10 y ■ SDP Equity ■ SDP NAV Benchmark SDP Equity SDP NAV Benchmark

Source: Thomson Datastream, Edison Investment Research. Note: Three-, five- and 10-year performance figures annualised.

Exhibit 6: Share price and NAV total return performance, versus indices (percentage points)

	One month	Three months	Six months	One year	Three years	Five years	10 years
Price relative to benchmark	3.7	1.3	1.4	1.6	3.6	18.9	22.8
NAV relative to benchmark	0.8	2.6	2.9	4.1	3.8	19.7	25.0
Price relative to MSCI World TR £	3.5	0.6	(0.2)	(9.1)	(21.6)	(10.7)	30.7
NAV relative to MSCI World TR £	0.6	1.9	1.3	(6.9)	(21.4)	(10.1)	33.1
Price relative to FTSE All-Share TR £	3.7	3.3	5.7	(3.2)	(9.9)	3.2	48.2
NAV relative to FTSE All-Share TR £	0.8	4.6	7.3	(0.9)	(9.8)	3.9	51.0

Source: Thomson Datastream, Edison Investment Research. Note: Data to end February 2016. Geometric calculation.

Exhibit 7: NAV performance relative to benchmark over 10 years



Source: Thomson Datastream, Edison Investment Research

## **Discount: Modestly wider than peers**

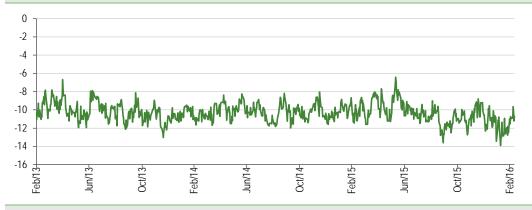
The trust has the authority to buy back up to 14.99% of its shares to manage the discount to NAV. The board is proactive with regard to discount management, having an informal discount control policy to maintain the long-term cum-income discount below 10%, but does not wish to interfere



with the natural liquidity in the shares. The last buyback was on 11 December 2015 (152,000 shares at 262.32p).

At 17 March 2016, SDP's cum-income discount to NAV stood at 11.0%. This is wider than the average over one, three, five and 10 years (range of 7.5% to 10.5%) and modestly wider than the peer group average (see Exhibit 9).

Exhibit 8: Discount over three years (to cum-income NAV)



Source: Thomson Datastream, Edison Investment Research

## Capital structure and fees

SDP is a conventional investment trust with one class of share. There are currently 169.1m shares in issue and no shares are held in treasury. The trust has an indefinite life subject to a five-year continuation vote, with the next due at the 2021 AGM. During FY15, borrowings were restructured to lower costs. The US\$75m revolving credit facility was replaced with a £30m revolving credit facility, of which £29.7m has been drawn down, and a £30 million overdraft. The current level of net gearing of 5.8% is well below the maximum allowed limit of 20%.

Schroders Investment Management receives a tiered management fee starting at 0.95% pa on the first £100m of assets, 0.90% pa on the next £200m, 0.85% pa on the next £100m and 0.80% on assets in excess of £400m. Ongoing charges were 1.03% in FY15, down from 1.08% in FY14. There is no performance fee.

## **Dividend policy**

SDP is focused on capital growth rather than yield; it does not have a yield target or a progressive dividend policy. A dividend has been paid in 18 out of 20 possible years; the exceptions were 2000 and 2001. The dividend was maintained or increased between FY07 and FY13. It declined by 18% in FY14 due to a lower revenue return, which was partly as a result of increased exposure to India, where yields tend to be lower. The FY15 dividend of 4.20p (99% payout) was 53% higher than in FY14, on a 51% higher revenue return, although part of the increase was due to factors that may not be repeated, including currency movements and a modest rise in the gearing. This equates to a current dividend yield of 1.6%.

## Peer group comparison

There are 15 trusts in the AIC Asia Pacific ex-Japan sector. The five peers most directly comparable to SDP are highlighted in Exhibit 9. SDP is the second largest trust in the group. It has



outperformed the weighted peer group average over one, three and five years. Risk-adjusted returns, as measured by the Sharpe ratio, have smaller negative values than the average over both one and three years. The discount is currently wider than the peer average and the net gearing is modestly lower.

Exhibit 9: Asia Pacific ex-Japan investment trusts (performance at 29 February)												
% unless stated	Market cap £m	NAV TR 1 year	NAV TR 3 year	NAV TR 5 year	NAV TR 10 year	Sharpe 1y (NAV)	Sharpe 3y (NAV)	Discount (ex-par)	Ongoing charge	Perf. fee	Net gearing	Dividend yield (%)
Schroder AsiaPacific	449.7	(8.1)	0.0	33.2	143.3	(1.3)	(0.2)	(11.0)	1.1	No	103.0	2.6
Aberdeen Asian Income	308.5	(12.2)	(13.7)	33.6	148.0	(1.8)	(0.8)	(8.6)	1.3	No	111.0	5.3
Aberdeen Asian Smaller	279.2	(9.5)	(8.0)	54.8	246.6	(2.1)	(0.6)	(14.8)	1.5	No	113.0	2.0
Aberdeen New Dawn	183.0	(19.2)	(18.4)	3.0	96.7	(2.1)	(0.8)	(12.4)	1.1	No	112.0	2.5
Asian Total Return Inv Company	148.8	(1.7)	3.9	17.8	110.8	(1.1)	(0.1)	(6.8)	1.1	Yes	104.0	1.6
Edinburgh Dragon	468.3	(16.1)	(15.0)	10.0	113.0	(1.9)	(0.7)	(12.5)	1.2	No	110.0	1.2
Fidelity Asian Values	167.4	(1.5)	19.6	33.9	160.4	(0.9)	0.3	(13.6)	1.4	No	99.0	0.8
Henderson Far East Income	323.4	(8.0)	(5.2)	25.3	108.7	(1.3)	(0.4)	(3.6)	1.1	No	103.0	6.8
Invesco Asia	157.4	(9.2)	6.0	26.4	133.2	(1.3)	(0.0)	(9.9)	1.1	No	102.0	2.0
JPMorgan Asian	200.8	(13.0)	(4.7)	2.2	66.7	(1.4)	(0.3)	(12.8)	0.9	No	106.0	1.0
Martin Currie Asia Unconstrained	99.2	(11.3)	(9.3)	4.8	45.4	(1.6)	(0.5)	(14.8)	1.2	No	103.0	2.8
Pacific Assets	229.3	(5.4)	19.5	58.5	132.8	(1.5)	0.4	(1.7)	1.3	No	100.0	1.3
Pacific Horizon	100.7	(13.9)	(4.7)	10.0	98.3	(1.4)	(0.3)	(12.9)	1.0	No	99.0	0.2
Schroder Oriental Income	437.9	(4.4)	5.3	52.5	176.2	(1.1)	(0.1)	(2.4)	0.9	Yes	114.0	4.3
Scottish Oriental Smaller Cos	235.5	(7.4)	0.2	52.7	270.0	(1.5)	(0.3)	(13.0)	1.0	Yes	95.0	1.5
Sector weighted average		(9.4)	(2.4)	30.9	144.6	(1.5)	(0.3)	(9.4)	1.1	2.2	106.2	2.7
SDP rank in sector	2	7	7	7	6	6	6	7	7		8	5

Source: Morningstar, Edison Investment Research. Note: TR = NAV total return. The Sharpe ratio is a measure of risk-adjusted return. The ratios shown are calculated by Morningstar for the past 12- and 36-month periods by dividing a fund's annualised excess returns over the risk-free rate by its annualised standard deviation. Net gearing is total assets less cash and equivalents as a percentage of net assets. Non-performance data at 17 March 2016.

#### The board

There are currently five members of the board, all non-executive and independent of the manager. Having been chairman since the fund launch in 1995, the Honourable Rupert Carington (chairman) retired at the January 2016 AGM. He is succeeded by Nicholas Smith, who was appointed to the board in 2010. The other members are Anthony Fenn (appointed in 2005), Rosemary Morgan (appointed in 2012), James Williams (appointed in 2014) and Keith Craig (appointed in 2015). All of the board members have lived and worked in Asia.

Edison, the investment intelligence firm, is the future of investor interaction with corporates. Our team of over 100 analysts and investment professionals work with leading companies, fund managers and investment banks worldwide to support their capital markets activity. We provide services to more than 400 retained corporate and investor clients from our offices in London, New York, Frankfurt, Sydney and Wellington. Edison is authorised and regulated by the Financial Conduct Authority (<a href="https://www.fsa.gov.uk/register/firmBasicDetails.do/5sid=181584">https://www.fsa.gov.uk/register/firmBasicDetails.do/5sid=181584</a>). Edison Investment Research (NZ) Limited (Edison NZ) is the New Zealand subsidiary of Edison. Edison NZ is registered on the New Zealand Financial Service Providers Register (FSP number 247505) and is registered to provide wholesale and/or generic financial adviser services only. Edison Investment Research Inc (Edison US) is the US subsidiary of Edison and is regulated by the Securities and Investment Research Limited (Edison Aus) [46085869] is the Australian subsidiary of Edison and is not regulated by the Australian Securities and Investment Commission. Edison Germany is a branch entity of Edison Investment Research Limited [4794244]. <a href="https://www.edisongroup.com">www.edisongroup.com</a>

Copyright 2016 Edison Investment Research Limited. All rights reserved. This report has been compiled from publication of this report has been compiled from publicly available sources that are believed to be reliable, however we do not guarantee the accuracy or completeness of this report. Opinions contained in this report represent those of the research department of Edison at the time of publication. The securities described in the Investment Research any not be eligible for sale in all jurisdictions or to certain categories of times of the research is issued in Australia by Edison Aus and any access to it, is intended only for "wholesale clients" within the meaning of the Australian Corporations Act. The Investment Research is distributed in the United States by Edison US to major US institutional investors only. Edison US is registered as an investment adviser with the Securities and Exchange Commission. Edison US relies upon the "publishers" exclusion" from the definition of investment adviser under Section 202(a)(11) of the Investment Advisers Act of 1940 and corresponding state securities and Exchange Commission. Edison US relies upon the "publishers" exclusion" from the definition of investment adviser under Section 202(a)(11) of the Investment Advisers Act of 1940 and corresponding state securities and Exchange Commission. Edison does not offer or provide personalised advice. We publish information about companies in which we believe our readers may be interested and this information reversed by the securities and the information provide by any subscriber or prospective subscriber as Edisons's solicitation to effect, or attempt to effect, any transaction in a security. The research in this document is intended for New Zealand resident professional financial advisers or brokers (for use in their roles as financial advisers or brokers) and habitual investors who are "vibeleased clients" for the purpose of the Financial Advisers Act 2008 (FAA) (as described in sections 5(c) (1)(a), (b) and (c) of the FAA)