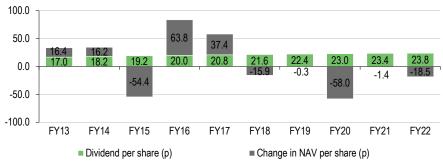


Henderson Far East Income

A fully covered 10% dividend yield

Henderson Far East Income (HFEL) is managed by Mike Kerley and Sat Duhra, who are genuine income investors. This is evidenced by the trust's very attractive double-digit dividend yield, which is well above its peer group, and is a 'natural' distribution as it is fully paid out of income. HFEL's managers have been increasing the trust's allocation to Chinese-listed companies in anticipation of a post-COVID economic recovery in the country; China now makes up around a quarter of the fund. Meanwhile, they have retained an underweight position in Taiwanese and technology stocks, given the limited yields and more demanding valuations.

Dividends are an important contributor to HFEL's total returns



Source: HFEL, Edison Investment Research

Why consider HFEL?

Global investors seeking exposure to a relatively high-growth, attractively valued region, along with a regular income, should consider HFEL. The trust offers a very attractive 10.0% dividend yield (fully covered by income) plus the potential for capital growth. This is a different proposition compared with its four peers in the AIC Asia Pacific Equity Income sector (average yield of 5.8%), with two funds paying dividends out of capital. HFEL's dividend growth potential is underpinned by: a balanced 50:50 portfolio split between high-yield and dividend growth stocks; the reinstatement of dividends following the reopening of the Chinese economy; potential for increased payout ratios by portfolio companies; and superior earnings growth prospects in Asia compared with other regions.

HFEL's portfolio is more exposed to a potential rebound in the Chinese economy than its two closest peers, with the trust's emphasis on Chinese stocks with exposure to domestic consumer demand, such as home appliances, sportswear and equipment, online retail and luxury brands, and financials including insurance and wealth management businesses.

The managers' focus on companies that can generate sustainable growth in cash flow and dividends, along with the fund's below-market technology exposure, means that HFEL should be relatively defensively positioned during periods of market weakness, although performance could lag during a strong growth-led bull market. Investors appreciate HFEL's high dividend yield, which is evidenced by its shares having regularly traded at a premium to NAV since 2007, and it is the highest-rated fund in its peer group (the only one trading at a premium).

Investment trusts Asia Pacific Equity Income

17 July 2023

6%

Price 239.0p
Market cap £387m
Total assets £391m

 NAV*
 228.2p

 Premium to NAV
 4.7%

*Including income. At 11 July 2023.

10.0% Shares in issue 161.7m HFEL/JE00B1GXH751 Code/ISIN Primary exchange AIC sector Asia Pacific Equity Income Financial year-end 31 August 52-week high/low 296.5p 234.5p NAV* high/low 284.9p 226.7p *Including income.

Net gearing*
*As at 31 May 2023.

Fund objective

Henderson Far East Income aims to provide shareholders with a growing total annual dividend per share and capital appreciation, from a diversified portfolio of investments in the Asia-Pacific region. It has stock market listings in London and New Zealand.

Bull points

- Diverse income stream supports very attractive dividend yield.
- FY22 marked the 15th consecutive year of higher dividends; the annual distribution was fully covered by income.
- Experienced managers, who adhere to their disciplined investment process regardless of market conditions.

Bear points

- The focus on income rather than capital growth means the trust's total returns have lagged those of its peers in a rising market.
- Geopolitical risks could weigh on capital inflows into Asian equities.
- Buying shares at a premium to NAV may increase downside potential.

Analyst

Mel Jenner +44 (0)20 3077 5700

investmenttrusts@edisongroup.com

Edison profile page

Henderson Far East Income is a research client of Edison Investment Research Limited



HFEL: Positioned for Chinese economic recovery

China/Hong Kong weight above the market and higher than close peers'

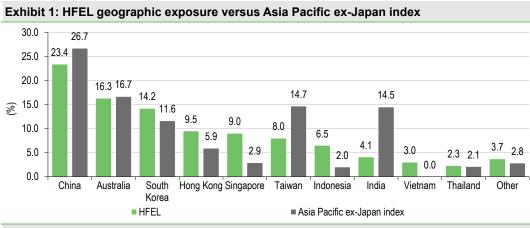
HFEL's managers have increased the trust's Chinese exposure by 8.0pp in anticipation of an improvement in the country's economy following the lifting of COVID-induced lockdowns, while they reduced HFEL's Australian exposure by 7.0pp, to just below the market weighting (by taking profits in some of the fund's former largest positions such as BHP Group and Woodside Energy), see Exhibit 2.

The trust's combined China/Hong Kong exposure is now slightly above the market weight (32.9% versus 32.6% for the Asia Pacific ex-Japan index), it is meaningfully above its closest Asian equity income peers: abrdn Asian Income Fund (AAIF, 16.3% at end-May 2023) and Schroder Oriental Income (SOI, 26.3% at end-May 2023). HFEL's managers also expect to benefit from a Chinese economic rebound through overweight exposures in materials and energy stocks (due to a pick-up in demand for commodities); and an overweight exposure to South Korea versus the index (as roughly 50% of the country's exports are to China).

HFEL remains underweight Taiwan and technology

Compared with AAIF and SOI, HFEL has a lower allocation to Taiwan, and is also underweight technology versus the market. The trust has a lower combined weighting of Taiwan Semiconductor Manufacturing Company (TSMC) and Samsung Electronics versus its peers, as while these companies have positive fundamentals, their dividend yields are only around 2%. HFEL's overall underweight position in Taiwan is due to the relatively rich valuations in the technology segment of the market (which is where the trust normally focuses). This positioning has recently been detrimental to HFEL's performance as Taiwanese technology stocks have performed very well due to the hype around artificial intelligence (AI).

However, the trust is better shielded from a potential reversion of the recent very positive sentiment towards technology stocks. Companies with exposure to AI have performed particularly well, even if their earnings are declining, which the managers find frustrating. They expect weak hardware demand, and hence semiconductor demand, over the next one to two years; while AI is driving demand for semiconductors, the managers are not convinced that there is money to be made out of this technology over the next three years.



Source: HFEL, Edison Investment Research

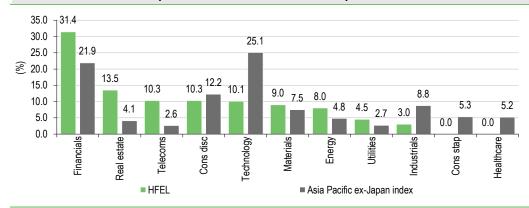


Exhibit 2: Portfolio geographic changes and active weights (% unless stated)

	Portfolio end- May 2023	Portfolio end- November 2022	Change (pp)	Active weight vs Asia Pac ex-Jap index (pp)
China	23.4	15.4	8.0	(3.3)
Australia	16.3	23.3	(7.0)	(0.4)
South Korea	14.2	20.4	(6.2)	2.6
Hong Kong	9.5	6.5	3.0	3.6
Singapore	9.0	12.1	(3.1)	6.1
Taiwan	8.0	6.3	1.7	(6.7)
Indonesia	6.5	4.5	2.0	4.5
India	4.1	N/S	N/A	(10.4)
Vietnam	3.0	2.8	0.2	3.0
Thailand	2.3	3.0	(0.7)	0.2
Other	3.7	5.7	(2.0)	0.9
Total	100.0	100.0	· ,	

Source: HFEL, Edison Investment Research. Note: N/S is not stated separately. Numbers subject to rounding.

Exhibit 3: HFEL sector exposure versus Asia Pacific ex-Japan index



Source: HFEL, Edison Investment Research

Exhibit 4: Portfolio sector changes and active weights (% unless stated)

	· ·	•	•			
	Portfolio end- May 2023	Portfolio end- November 2022	Change (pp)	Active weight vs Asia Pac ex-Jap index (pp)		
Financials	31.4	30.4	1.0	9.5		
Real estate	13.5	12.8	0.7	9.4		
Telecoms	10.3	16.3	(6.0)	7.7		
Consumer discretionary	10.3	7.4	2.9	(1.9)		
Technology	10.1	7.3	2.8	(15.0)		
Basic materials	9.0	9.6	(0.6)	1.5		
Energy	8.0	11.6	(3.6)	3.2		
Utilities	4.5	1.2	3.3	1.9		
Industrials	3.0	3.5	(0.5)	(5.8)		
Consumer staples	0.0	0.0	0.0	(5.3)		
Healthcare	0.0	0.0	0.0	(5.2)		
Total	100.0	100.0				

Source: HFEL, Edison Investment Research. Note: Numbers subject to rounding.

High, sustainable and growing dividend

HFEL has a progressive dividend policy and continues to deliver a high dividend yield (now at 10.0%), which is higher than the level of Asian inflation and those available on high-yield corporate bonds in developed economies (for example, the current effective yield of the ICE BofA US High Yield Index is c 8.5%), plus equities are likely to deliver a higher capital return than bonds in an economic recovery. The managers explain that earnings growth in Asia is forecast to exceed that in other regions, with consensus earnings growth (excluding the technology-heavy South Korea and Taiwan) for 2023 at +18%. If this is reflected in valuations, which are relatively attractive in Asia ex-



Japan versus the world market (with a one-year forward P/E ratio of 12.6x versus 15.7x, respectively), HFEL could be viewed as a very interesting investment opportunity.

HFEL's portfolio is a combination of high-yield and dividend growth stocks (currently split around 50:50), which allows for dividend growth over time. Over the last five financial years, HFEL's dividend compounded at an annual rate of c 2.7% and FY22 marked the 15th consecutive year of increased distributions. Based on the interim dividends already declared in respect of FY24, HFEL's progressive dividend policy is continuing; the recently announced third interim dividend of 6.10p per share is 1.7% higher year-on-year. While the very high dividends from resource stocks in 2022, due to robust commodity prices, are unlikely to be repeated this year, the managers are confident that any shortfall can be made up elsewhere in the portfolio. This includes the reinstatement of Chinese dividends that were halted during the global pandemic. Also, there is potential for companies to increase their payout ratios given the low level of dividends compared with corporate earnings.

Current portfolio positioning

HFEL's exposure to Chinese consumer demand

HFEL has considerable exposure to Chinese domestic consumer activity. Luxury goods stocks have performed very well and Kerley expects increased demand for other consumer-facing businesses. The trust has a position in CITIC Securities based on higher stock market activity and growth in its wealth management operations; the manager expects consumers' savings to be put to work. Other Chinese companies in the portfolio include sportswear businesses Anta Sports, Li-Ning and JD.com, to benefit from the growth in e-commerce, and Midea, which is a white goods manufacturer. Kerley expects a recovery in the Chinese property market but prefers to benefit from this by investing in appliances, as property shares have performed well despite the sector being under the microscope.

So far, the pace of Chinese recovery has been slower than generally expected, although the managers do not want to see a short-lived boom that then tails off over subsequent years. China did not provide the level of financial support during the pandemic that was available in western regions. There has been a savings boost in China but three years of COVID lockdowns, geopolitical concerns and high youth unemployment have sapped confidence. This will take longer to recover than originally thought.

Other changes to geographical exposures

HFEL's managers recently shifted the portfolio weight from Southern Asia (where they consider valuations to be somewhat demanding) in favour of North Asia. However, the managers have increased HFEL's Indonesian exposure on a valuation basis. Indonesia is a beneficiary of higher-priced resources and international manufacturers are relocating to the country. It has a large population and low labour costs, while its political environment is relatively stable. There is a new position in Astra International, which is a conglomerate operating in a wide range of industries, including automobiles and financial services. Kerley favours the company's exposure to the Indonesian consumer and its c 9.5% dividend yield.

At end-May 2023, the main differences in HFEL's geographical exposures versus the broad Asia Pacific ex-Japan index were overweight exposures in Singapore (+6.1pp) and Indonesia (+4.5pp), with below-index weightings in India (-10.4pp, due to unattractive valuations and low yields) and Taiwan (-6.7pp).



HFEL retains an overweight position in materials and energy

The anticipated Chinese economic recovery in 2023 should benefit energy and mining stocks as China is the largest consumer of commodities and higher demand there should offset weakness elsewhere. Although the managers have reduced HFEL's exposure over the last six months, it retains overweight positions in the energy and materials sectors, which have been weak due to fears about a recession in the US and Europe.

Some commodities are capacity constrained, including <u>lithium</u>. The trust has positions in Australia-listed IGO and Pilbara Minerals. Australia is a stable lithium producer, but the mineral is difficult to extract. The process requires a lot of water and other resources, and lithium naturally occurs in areas where water is scarce. There is accelerating demand for the metal for battery manufacturing (including for electric vehicles) and other industrial applications. Unsurprisingly, there is high demand for lithium assets; for example, oil producer Exxon Mobil, miner Rio Tinto and auto manufacturers are looking to acquire lithium producers.

Limiting the exposure to a turn in the interest rate cycle

Financials is by far HFEL's largest sector exposure and the largest overweight exposure versus the index (+9.5pp). The managers have low exposure to commercial banks due to their interest rate sensitivity. Peak interest rates are likely in Asia before other regions, so the benefits to net interest margins from higher rates is likely coming to an end. Recently, the People's Bank of China trimmed its one-year loan prime rate and five-year rate by 10bp. The trust has a new holding in Ping An Insurance, which is a life insurer that employs a traditional business model where agents knock on doors. Unsurprisingly, Ping An's business declined during COVID-19, but it has improved following the reopening of China's economy and is being helped by increased demand for insurance after the pandemic. In China, penetration of insurance products is low, offering Ping An a potentially long growth runway. The managers also favour companies with wealth management operations due to positive industry fundamentals, including brokers and investment banks.

Real estate investments with no exposure to mainland China residential developers

HFEL's second-largest sector exposure is real estate, which represents a 9.4pp overweight versus the index. The managers favour logistics assets due to the continued growth in e-commerce and the trust's holdings include Australia-listed Goodman Group and Singapore-listed Mapletree Logistics Trust. Given ongoing problems in the Chinese property sector, it should be noted that HFEL does not own any China-listed property companies, although it has positions in Hong Kongbased property developers (Sun Hung Kai Properties and Swire Properties).

Looking at changes in HFEL's sector breakdown in the six months to end-May 2023 (Exhibit 4), there was less exposure to telecoms (-6.0pp) and energy stocks (-3.6pp). The sector with the largest weighting increase over the period was utilities (+3.3pp). We also note that HFEL has no allocations to consumer staples and healthcare, which make up 5.3pp and 5.2pp of the index respectively.

HFEL's top 10 holdings

At end-May 2023, HFEL's top 10 holdings made up 31.4% of the fund (Exhibit 5), which was a notably lower concentration compared with 37.3% six months earlier; just two positions were common to both periods. Unsurprisingly, given it is the largest sector in the trust's portfolio by far, four of the top 10 holdings were financial stocks.



			Portfolio weight %			
Company	Country	Sector	31 May 2023	30 Nov 2022*		
Taiwan Semiconductor Manufacturing	Taiwan	Technology	3.9	N/A		
Samsung Electronics	South Korea	Technology	3.7	N/A		
Macquarie Korea Infrastructure Fund	South Korea	Financials	3.6	N/A		
HKT Trust and HKT	Hong Kong	Telecommunications	3.4	N/A		
VinaCapital Vietnam Opportunity Fund	Vietnam	Financials	3.0	N/A		
Ping An Insurance Group Co of China	China	Financials	3.0	N/A		
Bank of Communications	China	Financials	3.0	N/A		
Midea Group	China	Consumer discretionary	2.7	N/A		
Rio Tinto	Australia	Basic materials	2.6	3.0		
BHP Group	Australia	Basic materials	2.5	4.2		
Top 10 (% of holdings)			31.4	37.3		

Source: HFEL, Edison Investment Research. Note: *N/A where not in end-November 2022 top 10.

Performance: Total returns led by income not capital

There are just five funds in the AIC Asia Pacific Equity Income sector (Exhibit 6). The peers fall into two distinct groups: those investing specifically for income as well as capital growth (HFEL, AAIF and SOI) and those that focus primarily on growth but have high distributions, which may be paid out of capital (JPMorgan Asia Growth & Income and Invesco Asia Trust). HFEL's focus on higher-yielding companies has negatively affected the rankings of its total returns as lower-yielding Asian stocks have performed relatively better.

As shown in the front-page chart, the majority of HFEL's shareholder returns over time have come from dividends, which are generally fully covered by income. The trust's dividend yield is by far the highest in the peer group and is a 'natural' yield as none of its distribution is paid out of capital. HFEL's yield is currently 4.7pp higher than the second-highest yielding fund. This feature is obviously appealing to investors as the trust is the only fund that is trading at a premium and its valuation is meaningfully higher than those of all of its peers.

Exhibit 6: AIC Asia Pacific	Equity Ir	ncome se	ector at 1	2 July 20	23*					
% unless stated	Market cap £m	NAV TR 1 year	NAV TR 3 year	NAV TR 5 year	NAV TR 10 year	Discount (ex-par)	Ongoing charge	Perf. fee	Net gearing	Dividend yield
Henderson Far East Income	386.6	(8.3)	(8.3)	(6.5)	33.3	4.0	1.01	No	106	10.0
abrdn Asian Income Fund	337.5	(4.7)	18.6	23.8	53.9	(11.8)	0.99	No	110	5.3
Invesco Asia	219.9	(0.5)	25.0	40.4	168.3	(10.1)	0.97	No	102	4.5
JPMorgan Asia Growth & Income	326.2	(2.4)	1.1	19.7	119.8	(8.5)	0.69	No	100	4.7
Schroder Oriental Income	633.8	(0.5)	21.6	27.8	97.7	(4.1)	0.86	Yes	104	4.6
Simple average (5 funds)	380.8	(3.3)	11.6	21.0	94.6	(6.1)	0.90		105	5.8
HFEL rank in peer group	2	5	5	5	5	1	5		2	1
MSCI AC Asia Pacific ex Japan		(5.4)	(0.8)	12.1	78.7					
MSCI AC Asia Pacific ex Japan HDY		(0.6)	13.4	16.0	54.4					

Source: Morningstar, Edison Investment Research. Note: *Performance data to 11 July 2023 based on ex-par NAV. TR = total return. Net gearing is total assets less cash and equivalents as a percentage of net assets.

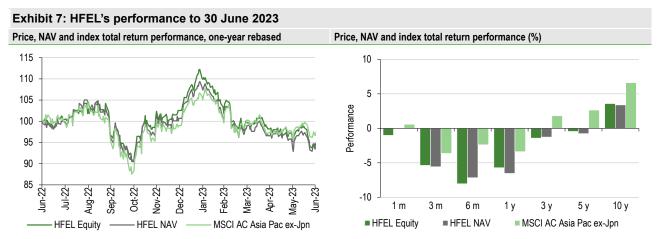
Kerley explains that HFEL's relative performance had experienced a positive trend from summer 2022 until the third week of January 2023. However, as investors adopted a more bearish outlook for global growth, including in China, the trust's relative performance deteriorated. This is mainly due to HEFL's underweight Taiwanese exposure and a large below-market technology weighting. The trust's overweight exposure to resource stocks has also been detrimental this year, having been beneficial in 2022.

The manager has found the trust's performance frustrating as the market has been driven by themes rather than company fundamentals, which are the long-term drivers of stock market returns. Kerley comments that investors have leapt from one theme to another: inflation, interest rates, recession and, more recently, AI.



While the Chinese Q123 results season was poor, forward guidance was positive and earnings estimates are being upgraded. Despite this, the Chinese market has de-rated as investors have concerns about domestic consumer confidence and the relationship between China and the US.

Kerley explains that as interest rates rise, high-growth stocks should de-rate as the value of their long-term cash flows is reduced; this occurred in 2022, but is not happening now. Over the last two months the reverse has been true as the stock prices of high-growth companies are rising even as interest rates are still increasing. The manager comments that even if interest rates are peaking, they are not going back to 1% anytime soon, so these share price moves do not make sense. Kerley notes that the bellwether US S&P 500 Index has risen by around 18% so far this year, but excluding the top seven-performing stocks the US market is flat, making it very difficult for active managers to outperform such a narrow market.



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

Exhibit 8: Share price and NAV total return performance, relative to indices (%)									
	One month	Three months	Six months	One year	Three years	Five years	10 years		
Price relative to MSCI AC Asia Pac ex-Jpn	(1.6)	(1.8)	(5.8)	(2.4)	(9.2)	(14.2)	(25.1)		
NAV relative to MSCI AC Asia Pac ex-Jpn	(0.6)	(2.0)	(4.9)	(3.3)	(8.8)	(15.5)	(26.5)		
Price relative to MSCI AC Asia Pac ex-Jpn HDY	(0.3)	(3.0)	(8.4)	(5.5)	(17.4)	(15.6)	(17.9)		
NAV relative to MSCI AC Asia Pac ex-Jpn HDY	0.7	(3.2)	(7.5)	(6.3)	(17.1)	(17.0)	(19.4)		
Price relative to CBOE UK All Cos	(2.1)	(4.7)	(10.2)	(12.9)	(28.5)	(15.7)	(20.4)		
NAV relative to CBOE UK All Cos	(1.1)	(4.9)	(9.4)	(13.7)	(28.1)	(17.1)	(21.9)		

Source: Refinitiv, Edison Investment Research. Note: Data to end-June 2023. Geometric calculation.

	Exhibit 9: Five-year discrete performance data										
12 months ending	Share price (%)	NAV (%)	MSCI AC Asia Pac ex-Jpn (%)	MSCI AC Asia Pac ex-Jpn HDY (%)	CBOE UK All Cos (%)	MSCI AC World (%)					
30/06/19	11.2	9.3	4.9	9.4	0.3	10.3					
30/06/20	(8.2)	(8.5)	2.9	(8.7)	(13.6)	5.7					
30/06/21	9.2	10.3	24.9	14.5	21.1	25.1					
30/06/22	(6.9)	(6.7)	(12.5)	1.6	2.2	(3.7)					
30/06/23	(5.7)	(6.5)	(3.4)	(0.2)	8.3	11.9					

Dividends: Progressive distribution policy

The board employs a progressive dividend policy, and HFEL's annual distributions are generally fully covered by income. An exception was FY21, where the dividend was uncovered for the first time in 10 years; this was due to a higher number of shares in issue, sterling strength and a lower level of Asian dividend growth in 2020. Quarterly dividends are paid in February, May, August and November. So far in FY23, the board has declared three interim payments of 6.0p, 6.0p and 6.1p



per share, which are 0.1p per share higher year-on-year. If HFEL's payments follow the pattern of the prior three financial years, the fourth distribution in respect of FY23 will also be 6.1p per share. This would equate to an annual dividend of 24.2p per share and a 10.1% prospective yield.

The trust's dividend receipts are heavily weighted to the second half of its financial year. In H123 (ending 28 February), income from investments (c 90% of the total) decreased by 6.9% year-on-year, while income from writing options increased by 24.2%; total income declined by 3.9% compared with H122. This was due to a 4% appreciation in sterling and some Australian companies going ex-dividend in March in 2023 versus February in 2022. Higher option income was a function of increased market volatility, and an additional option was written (at end-H123, HFEL had four open option positions). At the end of the half year the trust had c £26.7m of revenue reserves, which is equivalent to c 0.7x the last annual dividend payment.

Kerley reports that there have not been many income surprises or disappointments so far this year. Last year there were very large regular dividend payments from energy and mining companies due to high commodity prices, which translated into double-digit dividend yields. The manager suggests that with oil prices at current levels energy company dividend yields could still be in a mid to high single-digit range, due to excess profits that will be distributed to shareholders. Kerley believes that any income shortfall this year from HFEL's resource companies compared with 2022 should be made up from increased income from its Chinese holdings due to higher GDP growth and other parts of the portfolio. Around 30% of the trust's income comes from its Chinese companies; however, these firms only pay a dividend once a year, making it difficult to forecast HFEL's income.

25 20 DPS (p) 15 23.8 23.4 22.4 23.0 21.6 20.8 10 18.1 5 n FY18 FY19 YTD23 -Y21 Full year dividend payment

Exhibit 10: Dividend history since FY17

Source: Bloomberg, Edison Investment Research



General disclaimer and copyright

This report has been commissioned by Henderson Far East Income and prepared and issued by Edison, in consideration of a fee payable by Henderson Far East Income. Edison Investment Research standard fees are £60,000 pa for the production and broad dissemination of a detailed note (Outlook) following by regular (typically quarterly) update notes. Fees are paid upfront in cash without recourse. Edison may seek additional fees for the provision of roadshows and related IR services for the client but does not get remunerated for any investment banking services. We never take payment in stock, options or warrants for any of our services.

Accuracy of content: All information used in the 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 and have not sought for this information to be independently verified. Opinions contained in this report represent those of the research department of Edison at the time of publication. Forward-looking information or statements in this report contain information that is based on assumptions, forecasts of future results, estimates of amounts not yet determinable, and therefore involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of their subject matter to be materially different from current expectations.

Exclusion of Liability: To the fullest extent allowed by law, Edison shall not be liable for any direct, indirect or consequential losses, loss of profits, damages, costs or expenses incurred or suffered by you arising out or in connection with the access to, use of or reliance on any information contained on this note.

No personalised advice: The information that we provide should not be construed in any manner whatsoever as, personalised advice. Also, the information provided by us should not be construed by any subscriber or prospective subscriber as Edison's solicitation to effect, or attempt to effect, any transaction in a security. The securities described in the report may not be eligible for sale in all jurisdictions or to certain categories of investors.

Investment in securities mentioned: Edison has a restrictive policy relating to personal dealing and conflicts of interest. Edison Group does not conduct any investment business and, accordingly, does not itself hold any positions in the securities mentioned in this report. However, the respective directors, officers, employees and contractors of Edison may have a position in any or related securities mentioned in this report, subject to Edison's policies on personal dealing and conflicts of interest.

Copyright: Copyright 2023 Edison Investment Research Limited (Edison)

Australia

Edison Investment Research Pty Ltd (Edison AU) is the Australian subsidiary of Edison. Edison AU is a Corporate Authorised Representative (1252501) of Crown Wealth Group Pty Ltd who holds an Australian Financial Services Licence (Number: 494274). This research is issued in Australia by Edison AU and any access to it, is intended only for "wholesale clients" within the meaning of the Corporations Act 2001 of Australia. Any advice given by Edison AU is general advice only and does not take into account your personal circumstances, needs or objectives. You should, before acting on this advice, consider the appropriateness of the advice, having regard to your objectives, financial situation and needs. If our advice relates to the acquisition, or possible acquisition, of a particular financial product you should read any relevant Product Disclosure Statement or like instrument.

New Zealand

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 "wholesale 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). This is not a solicitation or inducement to buy, sell, subscribe, or underwrite any securities mentioned or in the topic of this document. For the purpose of the FAA, the content of this report is of a general nature, is intended as a source of general information only and is not intended to constitute a recommendation or opinion in relation to acquiring or disposing (including refraining from acquiring or disposing) of securities. The distribution of this document is not a "personalised service" and, to the extent that it contains any financial advice, is intended only as a "class service" provided by Edison within the meaning of the FAA (i.e. without taking into account the particular financial situation or goals of any person). As such, it should not be relied upon in making an investment decision.

United Kingdom

This document is prepared and provided by Edison for information purposes only and should not be construed as an offer or solicitation for investment in any securities mentioned or in the topic of this document. A marketing communication under FCA Rules, this document has not been prepared in accordance with the legal requirements designed to promote the independence of investment research and is not subject to any prohibition on dealing ahead of the dissemination of investment research.

This Communication is being distributed in the United Kingdom and is directed only at (i) persons having professional experience in matters relating to investments, i.e. investment professionals within the meaning of Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005, as amended (the "FPO") (ii) high net-worth companies, unincorporated associations or other bodies within the meaning of Article 49 of the FPO and (iii) persons to whom it is otherwise lawful to distribute it. The investment activity to which this document relates is available only to such persons. It is not intended that this document be distributed or passed on, directly or indirectly, to any other class of persons and in any event and under no circumstances should persons of any other description rely on or act upon the contents of this document.

This Communication is being supplied to you solely for your information and may not be reproduced by, further distributed to or published in whole or in part by, any other person

United States

Edison 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 laws. This report is a bona fide publication of general and regular circulation offering impersonal investment-related advice, not tailored to a specific investment portfolio or the needs of current and/or prospective subscribers. As such, Edison does not offer or provide personal advice and the research provided is for informational purposes only. No mention of a particular security in this report constitutes a recommendation to buy, sell or hold that or any security, or that any particular security, portfolio of securities, transaction or investment strategy is suitable for any specific person.