

# Weekly Trader

## Upcoming Market Opportunities and Events

**CANTOR**  
*Fitzgerald*

Monday, 15<sup>th</sup> July 2019

### Key Themes This Week

#### The Week Ahead

US markets finished last week at record highs. After a slow start to the week, momentum from Fed Chair Powell's reiteration of the need to cut rates drove the S&P to 3,013 (record close), the Nasdaq to 8,244 (record close) and the Dow Jones to 27,332 (record close). Optimism continues to build in US equity markets as trade turns more positive, monetary policy becomes more accommodative and earnings season begins. This week will see markets focus on earnings, ahead of the Fed meeting at the end of the month.

Trade optimism may begin to wane, after little reported progress on the re-established talks. We continue to see a resolution of trade as the most important factor for delivering growth. However, we are yet to see any progress with President Trump criticising China last week for not purchasing US Agricultural goods. We are concerned that markets are at all-time highs as global trade tensions remain unresolved. Part of the explanation for the recent move in equity markets has been a more accommodative Federal Reserve. The market is expecting a rate cut at the July FOMC meeting, with Fed speakers continuing to espouse a dovish message. The market sees a 25bps cut as the most probable outcome, while a 50bps cut is priced with a 20% probability. We continue to see a 25bps cut as the likely outcome, markets will be watching guidance as further cuts are expected into year end.

Earnings season begins today with **Citigroup** reporting Q2 earnings. The first week of earnings season will be heavily skewed to financials with **JP Morgan, Goldman Sachs, Morgan Stanley** and **Bank of America** all reporting during the week. In addition to financials, we have some of our core portfolio names including **Microsoft, SAP** and **UnitedHealth** reporting. Q2 earnings season will be an important quarter considering where equity markets valuations are, the S&P's price/earnings ratio (P/E) is currently running at c. 17.1x well above long term averages. Earnings growth expectation are running at -3.0%. If the market delivers -3% it will be the first time since 2016 that the market has delivered two consecutive quarters of earnings declines as Q119 posted a -0.3% decline. Investors will be closely listening to management's guidance, to establish what trading conditions are likely to be into yearend. We are expecting a continuation of the cautious message as trade weighs on global activity. The market continues to price in a more optimistic second half of the year, which we question based on the current trends in economic data. Expectations for full year earnings growth is 2.4%, with growth heavily weighted to Q4. Q3 earnings growth is expected to be -0.8% and Q4 is expected to produce 6.0% growth. This optimism is a cause for concern as it is difficult to see how the market delivers 6% earnings growth without a resolution in trade.

On the data front, we had Q2 GDP from China this morning, which came in at 6.2% (est. 6.2%), along with stronger than expected retail sales up by 9.8% (est. 8.5%) and Industrial Production at 6.3% (est. 5.2%). China's GDP growth rate is the slowest in 27 years but remains well ahead of developed nations. While these numbers need to be taken in the context of official government data, the market will be encouraged to see the GDP figure in line with expectations. For the rest of the week we have employment data from the UK, German/Euro Area ZEW economic sentiment and US retail sales on Tuesday. Wednesday sees inflation data from the UK and Europe and Housing data from the US. Thursday sees UK retail sales and Friday has consumer sentiment prints in the US.

We remain cautious ahead of Q2 earnings and the Fed's July meeting. We see market risk building to the downside as valuations become stretched, in the broader environment of weaker earnings and weaker economic data. We continue to advise clients to increase defensive allocations within portfolios.

**This week we cover off on Tullow Oil, FedEx, JP Morgan, Kingspan and Grafton Group**

### Major Markets Last Week

	Value	Change	% Move
Dow	27332	409.91	1.52%
S&P	3014	23.36	0.78%
Nasdaq	8244	82.35	1.01%

MSCI UK	2160	-13.09	-0.60%
DAX	12409	-134.08	-1.07%
ISEQ	6321	5.30	0.08%

Nikkei	21,686	-60.48	-0.28%
H.Seng	28,542	210.49	0.74%
STOXX600	388	-2.06	-0.53%

Brent Oil	66.72	2.61	4.07%
Crude Oil	60.16	2.50	4.34%
Gold	1416	20.04	1.44%

Silver	15.2978	0.27	1.77%
Copper	271.8	5.90	2.22%
CRB Index	405.57	1.42	0.35%

Euro/USD	1.128	0.01	0.59%
Euro/GBP	0.8980	0.00	-0.22%
GBP/USD	1.2561	0.00	0.37%

	Value	Change
German 10 Year	-0.22	0.15
UK 10 Year	0.819	0.10
US 10 Year	2.1288	0.08

Irish 10 Year	0.244	0.12
Spain 10 Year	0.549	0.11
Italy 10 Year	1.698	-0.09

BoE	0.75	0.00
ECB	0.00	0.00
Fed	2.50	0.00

All data sourced from Bloomberg

# Opportunities this week

CFI Research Team

## Tullow

Closing Price: £2.12



- Tullow Oil is due to report H1 2019 financial results on the 24th July which could be a catalyst for improved price performance from current levels
- Tullow valuations are cheap, trading at 11x earnings and offering a c.3% dividend yield supported by a c.20% free cash flow yield. The average sell side analyst sees fair value at £2.52 which would imply some 17% upside. We raise our July 2020 target price to £2.50, from £2.35
- Sell side earnings growth expectations are quite low. A surge in oil prices sustainably above \$65 or further production growth gains will likely see consensus revise up their earnings. Crude currently trading at a 6 week high
- A recent meeting between OPEC & Russia resulted in an agreement to keep production cuts in place to try balance the oil market. Further tensions/sanctions in Iran could result in a supply shock. A trade deal with China or domestic stimulus in China would be positive for crude demand
- Tullow management have guided for production of 94,000bpd in 2019 relative to c.90,000 in 2018. 55% of production is hedged at \$56 per barrel so revenue is somewhat protected. Tullow operating cost per barrel is c.\$10. Expectations are that actual net income will grow considerably in 2019 without any adjustments
- Due to an improvement in group balance sheet and improving free cash flow, Tullow paid a 4.8c dividend in FY 2018 and guides for a 7c dividend in 2019
- Further progress on Kenya FID, Uganda farm out and drilling in Guyana are all catalysts for H2 2019.

Key Metrics	2019e	2020e	2021e
Revenue (£'Mn)	2078.6	2167.7	2129.2
EPS (£)	0.24	0.26	0.26
Price/ Earnings	11.23x	10.36x	10.28x
Div Yield	2.83%	2.83%	3.02%

Source: All data & charts from Bloomberg & CFI

Total Return	1 Mth	3 Mth	YTD
Tullow	8.37%	-11.98%	20.45%

Source: All data & charts from Bloomberg & CFI

## FedEx

Closing Price: \$167.47



- FedEx delivers 14m packages a day through 220 countries via 681 aircraft and 180,000 vehicles. FedEx operates via a number of brands including FedEx Express, FedEx Ground and FedEx Freight. FedEx Express which accounts for 54% of revenue (\$37.3bn) is primarily air cargo and FedEx Ground is 29% of revenue (\$20bn) is primarily US & Canada van/lorry delivery service. The three main divisions discussed above considerably complement each other. 80% of people in the US are within 5 miles of a FedEx hold location
- FedEx's acquisition of TNT (2016) and JV's with Dollar General, Walmart and Walgreens should offer medium term growth opportunities
- FedEx Corp. acquired TNT Express in 2016 — the largest acquisition in FedEx history, expanding access in Europe, the Middle East and Africa, Asia-Pacific, and the Americas. Since then they have opened an international Hub in China and increased FedEx Ground to 6 days a week in the US to cater for increased demand due to e-commerce
- FedEx trades on 10.8x 2019 earnings and 7x EV/EBITDA (valuations are lowest in 10 years), delivering a 20% ROE to shareholders and guiding for long term growth of 10-15% per annum driven by e-commerce. A 5% increase in shipping rates and fuel surcharges should boost revenue in 2019. FedEx has delivered 27% CAGR dividend increase over the last 5 years. 8% of the company share are owned by management
- FedEx shares have declined by 41% since 2018 to trade at \$159, there is significant technical support at \$150 which makes us think that FedEx is a good long trade on improving global trade stats from current depressed levels.

Key Metrics	2019e	2020e	2021e
Revenue (\$'Mn)	71356.1	74852.8	78267.6
EPS (\$)	14.74	16.36	17.87
Price/ Earnings	11.32x	10.2x	9.33x
Div Yield	1.59%	1.72%	1.80%

Source: All data & charts from Bloomberg & CFI

Total Return	1 Mth	3 Mth	YTD
FedEx	2.17%	-14.30%	4.61%

Source: All data & charts from Bloomberg & CFI

## Opportunities this week

CFI Research Team

### JP Morgan

Closing Price: \$115.30



Key Metrics	2019e	2020e	2021e
Revenue (\$'Mn)	114574	117210	120477
EPS (\$)	9.98	10.60	11.32
Price/ Earnings	11.46x	10.79x	10.1x
Div Yield	2.96%	3.19%	3.53%

Source: All data & charts from Bloomberg & CFI

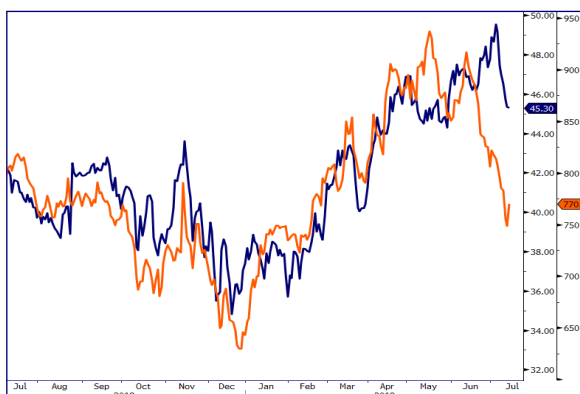
Total Return	1 Mth	3 Mth	YTD
JP Morgan	5.73%	5.62%	20.84%

Source: All data & charts from Bloomberg & CFI

- US banks have had a reasonable year rallying post the December sell off and holding on to gains throughout the May sell off.
- Falling yields will generate a headwind for future earnings, however, if the Fed lowers rate this should encourage increased activity.
- July's Federal reserve meeting will be important for the outlook for US yields. The market currently priced between 2 and 3 cuts by December 2019.
- Positive earnings on Tuesday (16/07/2019) should provide a catalyst for a move higher.
  - Q2 revenue expectations are \$28.8bn
  - Q2 adjusted earnings per share expectations are \$2.49
  - Posted earnings growth of 30% in FY18, 12% in Q1 and 10% expected for Q2
  - Over the past 4 quarters it has averaged 2% earnings surprise (3 +ive, 1 -ive) and generated an average return of 2.8% over the following 5 days
- JP Morgan maintains a diversified business mix across retail and commercial banking and corporate and investment banking business lines.
- JP Morgan's capital distribution plans were approved by the Federal Reserve and include a \$0.90 quarterly dividend (or a 3% yield) and a \$29.4bn share repurchase program over the following 12 months.
- Currently trading at 11x time future earnings and 1.6x book value
- Analysts consensus 12 month price target is \$118.59

### Brexit Exposed Industrials - Reduce

Closing Price: €45.78



Key Metrics	2019e	2020e	2021e
Revenue (€Mn)	4727.9	4917.6	5137.4
EPS (€)	2.08	2.24	2.37
Price/ Earnings	21.68x	20.19x	19.03x
Div Yield	1.05%	1.13%	1.20%

Source: All data & charts from Bloomberg & CFI

Total Return	1 Mth	3 Mth	YTD
Kingspan	-1.29%	3.14%	23.81%

Source: All data & charts from Bloomberg & CFI

- Construction exposed names have had a strong run year to date.
- The macro economic backdrop for cyclically exposed stocks is uncertain and valuations of the below are somewhat stretched.
  - Global PMI's trending lower, with export growth slowing
  - Trade tensions continue to weigh on global activity
- As the Tory leadership battle draws to a conclusion, the probability of a "no-deal" Brexit increases given the rhetoric of front runner Boris Johnson.
- We expect both Kingspan and Grafton to underperform in a no-deal scenario
- We are advising clients to reduce cyclical exposure as we struggle to see a scenario where economically sensitive names move higher considering the mounting risks of trade and Brexit

#### Kingspan

- Currently trading at 15x on an Enterprise Value (EV) to 12 month forward EBITDA (EV/EBITDA). Its historical 5 year average is c. 13.2x and its 5 year high is 16.1x.
- Kingspan generates 25% of its revenue from the UK and Ireland, with a further 50% of revenue generated from the rest of Europe.

#### Grafton Group

- Very weak trading update with regards to May and June.
- Like for like UK merchanting growth fell from 4.8% in Jan-April, to -0.5% in May-June
- SIG results reported a marked deterioration in UK construction activity resulting in its shares falling by 14%

# Cantor Core Portfolio - In Detail



## Cantor Core Portfolio

Date: 12/07/2019

Performance YTD	%
Portfolio	19.1%
Benchmark	20.1%
Relative Performance	-1.0%
P/E Ratio	18.30x
Dividend Yield	2.8%
ESMA Rating	6
Beta	0.94

Sectors Weights	Portfolio	Benchmark	+ / -
Consumer Discretionary	6%	9%	
Consumer Staples	13%	11%	
Energy	8%	6%	
Financials	8%	17%	
Health Care	15%	14%	
Industrials	13%	12%	
Information Technology	13%	11%	
Communication Services	7%	7%	
Utilities	4%	4%	
Materials	13%	6%	
Real Estate	0%	2%	
Emerging Markets	0%	0%	

FX	Portfolio	Benchmark
EUR	52%	37%
GBP	9%	15%
USD	39%	40%
Other	0%	8%

Currency YTD %	
GBP	0.21%
USD	1.67%

## Benchmark

## Weighted Average Contribution

Index	Currency	PE	Outlook	Weighting	Total Return Local	Weekly Return	Price	Total Contribution
STOXX Europe 600	EUR	18	Neutral	60%	17.8%	-0.8%	387	10.7%
S&P 500	USD	20	Neutral	40%	21.5%	0.8%	3014	9.4%
<b>Total</b>				<b>100%</b>				<b>20.11%</b>

## Core Portfolio

## Weighted Average Contribution

Stock	Currency	Yield*	Hold /Sold	Sector	Weighting	Total Return Local	Weekly Return	Price	Total Contribution
Alphabet Inc*	USD	0.0%	H	Communication Services	2%	9.6%	1.1%	1145	0.4%
Verizon Communications Inc	USD	0.0%	H	Communication Services	5%	5.0%	-0.9%	57.2	0.4%
Ryanair Holdings Plc*	EUR	0.0%	H	Consumer Discretionary	4%	-5.6%	-6.8%	10.15	-0.2%
Dalata Hotel Group Plc*	EUR	2.2%	S	Consumer Discretionary	0%	4.6%	2.6%	4.895	0.8%
Amazon.Com Inc*	USD	0.0%	H	Consumer Discretionary	2%	33.9%	3.5%	2011	1.2%
Glanbia Plc*	EUR	2.0%	H	Consumer Staples	4%	-14.7%	-4.9%	13.88	-0.5%
Walgreens Boots Alliance Inc	USD	3.2%	S	Consumer Staples	0%	-17.2%	1.0%	55.74	-1.0%
Coca Cola Co	USD	3.0%	H	Consumer Staples	4%	11.9%	0.0%	52.12	0.6%
Danone	EUR	2.8%	H	Consumer Staples	5%	26.7%	1.2%	75.84	0.6%
Royal Dutch Shell Plc	GBp	5.8%	H	Energy	5%	14.0%	0.2%	25.91	0.7%
Total Sa	EUR	5.2%	H	Energy	3%	10.8%	0.9%	0.50	0.0%
Lloyds Banking Group Plc*	GBp	6.1%	S	Financials	0%	15.0%	-0.3%	0.58	0.8%
Allianz Se	EUR	4.4%	H	Financials	4%	29.0%	-0.5%	216.15	1.2%
AIB Group Plc	EUR	5.2%	H	Financials	4%	5.7%	1.1%	3.72	0.2%
Sanofi	EUR	4.3%	H	Health Care	5%	1.2%	-5.5%	73.50	-0.1%
Unitedhealth Group Inc	USD	1.5%	H	Health Care	5%	7.6%	7.7%	265.9	0.5%
Pfizer Inc	USD	3.4%	H	Health Care	5%	-1.2%	-3.5%	42.4	0.0%
Vinci Sa*	EUR	3.2%	H	Industrials	4%	29.6%	0.1%	91.32	1.3%
Kingspan Group Plc*	EUR	1.0%	H	Industrials	3%	23.4%	-3.5%	45.78	0.9%
DCC Plc	GBp	2.1%	H	Industrials	4%	15.9%	-2.1%	68.40	0.6%
Caterpillar Inc*	USD	2.6%	H	Industrials	2%	10.2%	2.1%	138.36	0.2%
SAP Se*	EUR	1.3%	H	Information Technology	4%	41.1%	-1.4%	121.06	1.6%
Paypal Holdings Inc	USD	0.0%	H	Information Technology	4%	42.8%	2.5%	120.12	1.8%
Microsoft Corp*	USD	1.3%	H	Information Technology	5%	37.8%	1.3%	138.9	1.9%
Smurfit Kappa Group Plc	EUR	3.5%	H	Materials	5%	28.5%	5.2%	29.08	1.4%
CRH Plc*	EUR	2.6%	H	Materials	3%	31.2%	-0.5%	29.75	1.4%
Rio Tinto Plc	GBp	7.0%	S	Materials	0%	38.9%	1.8%	48.09	1.0%
Newmont Goldcorp Corp	USD	1.4%	H	Materials	5%	17.6%	2.6%	39.42	1.1%
Greencoat Renewables Plc	EUR	5.4%	H	Utilities	4%	10.7%	-2.2%	1.11	0.0%
JPMorgan Emerging Markets Trust	GBp	1.3%	S	Emerging Markets	0%	21.6%	1.0%	10.34	0.2%
<b>Total</b>					<b>100%</b>				<b>19.09%</b>

All data taken from Bloomberg up until 12/07/2019.

**Warning : Past performance is not a reliable guide to future performance**

\*Red Denotes Deletions

\*Green Denotes Additions

**Warning : The value of your investment may go down as well as up.**

\*Yields are based on the mean of analyst forecast

## From the News - Monday's Headlines

- **Global** China's economy grows at slowest rate in nearly 30 years
- **US** Trump labour secretary quits amid Epstein sex crimes storm
- **Europe** Turkey presses to avoid sanctions over missile system
- **UK** UK at the "highest risk of recession since 2007"
- **Ireland** 15% of mortgage holders switch providers, new data shows

## This Weeks Market Events

Monday	Tuesday	Wednesday	Thursday	Friday
<b>Corporate</b>	<b>Corporate</b>	<b>Corporate</b>	<b>Corporate</b>	<b>Corporate</b>
Citigroup, Rio Tinto	Wells Fargo, JP Morgan, Goldman Sachs, J&J, Hays	Netflix, United Rentals, GVC Holdings, Bank of America, ASML Holdings, eBay	Microsoft, Morgan Stanley, SAP, UnitedHealth, easyJet, Novartis	Schlumberger, Blackrock, State Street, American Express
<b>Economic</b>	<b>Economic</b>	<b>Economic</b>	<b>Economic</b>	<b>Economic</b>
CN Q2 GDP, CN Industrial Prod, CN Retail Sales	GB Employment Data, EA/DE ZEW Econ Sentiment, EA Trade Data, US Retail Sales, US Industrial Prod	GB Inflation, EA Inflation, US Housing Data	JP Trade Data, GB Retail Sales, US Philadelphia Fed Manufacturing Index	JP Inflation, DE PPI, US Michigan Consumer Sentiment

## Upcoming Events

22/07/2019 State Street

23/07/2019 Coca Cola, Texas Instruments, Visa, Chipotle

24/07/2019 Daimler, Tullow, Boeing, AT&T, GlaxoSmithKline, Norfolk Southern, Paypal, Caterpillar, Facebook,

25/07/2019 BASF, Roche, Danone, Sage, Unilever, 3M, Kering, Diageo, Newmount Goldcorp, International Paper, Total, Amazon, Alphabet, Permanent TSB, Greencoat Renewables

26/07/2019 Nestle, Vodafone, Twitter, AIB

22/07/2019 GB Business Optimism

23/07/2019 EA Consumer Confidence, US Home Sales

24/07/2019 EA PMI, US PMI, EA Loan Growth

25/07/2019 KR GDP, DE Business Climate, ECB Interest Rate Decision, US Durable Goods

26/07/2019 US GDP

All data sourced from Bloomberg

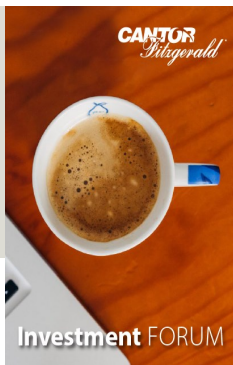
# Cantor Publications & Resources



## Daily Note

Each day we produce a market commentary outlining critical economic and company developments. We leverage off our global network of analysts and investment professionals to provide clients with critical insights from our local teams first thing in the morning.

[Click Here](#)



## Investment Forum

Through our investment Forum we bring you the latest market news, investment insights and a series of informative articles from our experts.

[Click Here](#)

## Regulatory Information

### Issuer Descriptions: (Source: Bloomberg)

**AIB Group:** AIB Group plc attracts deposits and offers commercial banking services.

**Allianz:** Allianz through its subsidiaries, provides insurance and financial services.

**Alphabet:** Alphabet provides web-based search, advertisement, maps, software applications, mobile operating systems, consumer content and other software services.

**Amazon:** Amazon is an online retailer that offers a wide range of products.

**Caterpillar Inc.:** Caterpillar designs, manufactures, and markets construction, mining, and forestry machinery.

**CRH:** CRH is a global building materials group.

**Dalata Hotel Group:** Dalata Hotel Group owns and operates as a chain of hotels.

**DCC:** DCC is a sales, marketing, distribution and business support services company.

**Glanbia:** Glanbia plc is an international dairy, consumer foods, and nutritional products company. The Company conducts operations primarily in Ireland, the United Kingdom, and the United States

**Kingspan:** Kingspan is a global market player in high performance insulation and building envelope technologies.

**Microsoft:** Microsoft Corporation develops, manufactures, licenses, sells, and supports software products.

**PayPal:** PayPal operates a technology platform that enables digital and mobile payments on behalf of customers and merchants

**Pfizer:** Pfizer Inc. operates as a pharmaceutical company. The Company offers medicines, vaccines, medical devices, and consumer healthcare products for oncology, inflammation, cardiovascular, and other therapeutic areas

**Rio Tinto plc:** Rio Tinto is an international mining company.

**Royal Dutch Shell:** Royal Dutch Shell explores, produces, and refines petroleum

**Ryanair:** Ryanair Holdings plc provides low fare passenger airline services to destinations in Europe.

**SAP:** SAP is a software corporation that makes enterprise software

**Smurfit Kappa:** Smurfit Kappa manufactures paper packaging products

**UnitedHealth Group:** UnitedHealth owns and manages organized health systems in the United States and internationally

**Verizon:** Verizon Communications Inc. is an integrated telecommunications company that provides wire line voice and data services, wireless services, internet services, and published directory information.

**VINCI SA:** VINCI is a global player in concessions and construction with expertise in building, civil, hydraulic, and electrical engineering

**Danone:** Danone operates as a food processing company. The Company produces and markets dairy products, beverages, baby food, and medical nutrition products.

**Total:** TOTAL S.A. explores for, produces, refines, transports, and markets oil and natural gas. The Company also operates a chemical division which produces polypropylene, polyethylene, polystyrene, rubber, paint, ink, adhesives, and resins.

**Newmont Goldcorp:** Newmont acquires, explores, and develops mineral properties.

**Greencoat Renewables:** Greencoat operates as an investment company. The Company invests in wind and renewable electricity generation assets.

**Sanofi:** Sanofi operates as a pharmaceutical company. The Company manufactures prescription pharmaceuticals and vaccines. Sanofi also develops cardiovascular, thrombosis, metabolic disorder, central nervous system, and oncology medicines and drugs.

**JP Morgan:** JP Morgan is a global financial services company

**Tullow Oil:** Tullow Oil through subsidiaries, explores for, produces, and refines petroleum

**Grafton Group:** Grafton Group PLC manufactures and retails building supplies

**FedEx:** FedEx delivers packages and freight to multiple countries and territories through an integrated global network.

**None of the above recommendations have been disclosed to the relevant issuer prior to dissemination of this Research.**

**JP Morgan:** We do not currently have rating on this

**Tullow Oil:** We changed our rating on the 13/02/2019 to Hold from Outperform

**Grafton Group:** We lowered our recommendation from Outperform to Underperform on the 08/05/2019

**Kingspan:** Kingspan is a member of our core portfolio and we have an Outperform rating on the stock since 14/03/2016

**FedEx:** We initiated with an Outperform on 15/07/2019



## Regulatory Information

All regulatory disclosures pertaining to valuation methodologies and historical records of the above recommendations can be found on the Cantor Fitzgerald Ireland website here:

[http://www.cantorfitzgerald.ie/research\\_disclosures.php](http://www.cantorfitzgerald.ie/research_disclosures.php)

Cantor Fitzgerald Ireland Limited ("Cantor Ireland") is regulated by the Central Bank of Ireland. Cantor Fitzgerald Ireland Ltd is a member firm of the Irish Stock Exchange and the London Stock Exchange.

This communication has been prepared by and is the sole responsibility of Cantor Fitzgerald Ireland Limited of 75 St Stephens Green, Dublin 2, which is an authorised person for the purposes of the European Communities (Markets in Financial Instruments) Regulations 2007 (as amended) in Ireland or the Financial Services and Markets Act 2000 in the United Kingdom.

This material is approved for distribution in Ireland by Cantor Fitzgerald Ireland Ltd. It is intended for Irish retail clients only and is not intended for distribution to, or use by, any person in any country where such distribution or use would be contrary to local law or regulation. Cantor Fitzgerald Ireland Ltd ("CFIL") is regulated by the Central Bank of Ireland. Cantor Fitzgerald Ireland Ltd is a member firm of the Irish Stock Exchange and the London Stock Exchange.

Where CFIL wishes to make this and other Cantor Fitzgerald research available to Retail clients, such information is provided without liability and in accordance with our terms and conditions that are available on the CFIL website.

No report is intended to and does not constitute a personal recommendation or investment advice nor does it provide the sole basis for any evaluation of the securities that may be the subject matter of the report. Specifically, the information contained in this report should not be taken as an offer or solicitation of investment advice, or to encourage the purchase or sale of any particular security. Not all recommendations are necessarily suitable for all investors and CFIL recommend that specific advice should always be sought prior to investment, based on the particular circumstances of the investor either from your CFIL investment adviser or another investment adviser.

Where CFIL wishes to make this and other Cantor Fitzgerald research available to Retail clients, such information is provided without liability and in accordance with our terms and conditions that are available on the CFIL website.

CFIL takes all responsibility to ensure that reasonable efforts are made to present accurate information but CFIL gives no warranty or guarantee as to, and do not accept responsibility for, the correctness, completeness, timeliness or accuracy of the information provided or its transmission. This is entirely at the risk of the recipient of the report. Nor shall CFIL, its subsidiaries, affiliates or parent company or any of their employees, directors or agents, be liable to for any losses, damages, costs, claims, demands or expenses of any kind whatsoever, whether direct or indirect, suffered or incurred in consequence of any use of, or reliance upon, the information. Any person acting on the information contained in this report does so entirely at his or her own risk.

All estimates, views and opinions included in this research note constitute Cantor Ireland's judgment as of the date of the note but may be subject to change without notice. Changes to assumptions may have a material impact on any recommendations made herein.

Unless specifically indicated to the contrary this note has not been disclosed to the covered issuer(s) in advance of publication.

Past performance is not a reliable guide to future performance. The value of your investment may go down as well as up. Investments denominated in foreign currencies are subject to fluctuations in exchange rates, which may have an adverse effect on the value of the investments, sale proceeds, and on dividend or interest income. The income you get from your investment may go down as well as up. Figures quoted are estimates only; they are not a reliable guide to the future performance of this investment.

### Conflicts of Interest & Share Ownership Policy

It is noted that research analysts' compensation is impacted upon by overall firm profitability and accordingly may be affected to some extent by revenues arising other Cantor Ireland business units including Fund Management and Stock broking. Revenues in these business units may derive in part from the recommendations or views in this report. Notwithstanding, Cantor Ireland is satisfied that the objectivity of views and recommendations contained in this note has not been compromised. Nonetheless Cantor Ireland is satisfied that the impartiality of research, views and recommendations remains assured.

Our conflicts of interest management policy is available at the following link;

<https://cantorfitzgerald.ie/client-services/mifid/>



**Dublin:** 75 St. Stephen's Green, Dublin 2. Tel: +353 1 633 3633.

**email :** [ireland@cantor.com](mailto:ireland@cantor.com) **web :** [www.cantorfitzgerald.ie](http://www.cantorfitzgerald.ie)



**Twitter :** @cantorIreland



**LinkedIn :** Cantor Fitzgerald Ireland