STRATEGY WEEKLY

Document intended for professional clients

29 July 2019 /// n°26-2019

Fed: the obligatory cut

Key Points

- ECB: Mario Draghi will end his term by cutting rates
- Restart of asset purchases will complete ECB easing strategy
- Fed to cut rates this week
- Euro IG spreads keep narrowing

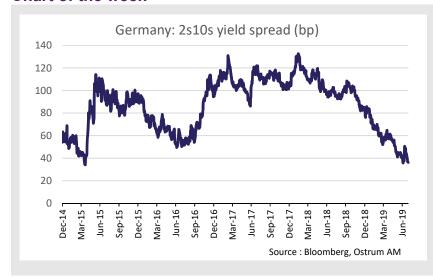
Mario Draghi's message last week kept alive all expectations for monetary easing in September. A rate cut is likely. A subsequent resumption of asset purchases is firmly on the table. In turn, the Fed will also cut rates this week despite 2q19 growth falling in line with potential.

Expected monetary support pushed US equity markets to new highs. The S&P closed at 3025 after a 1.7% weekly advance. Volatility is still muted despite lacklustre earnings season.

US yields are stable about 2.05% on 10-year maturities. Bund trades close to -0.40%. Euro credit remains in high demand given prospects for new asset purchases. High yield is more volatile owing to rich valuations. There is decompression across the rating structure of credit spreads.

Currency markets show some volatility. The euro settled under the \$1.12 threshold. Sterling is gradually pricing in a higher probability of hard Brexit. In turn, Australian dollar resumed falling as the RBA contemplates further rate cuts.

Chart of the week



The yield curve flattened considerably since last autumn. The 2s10s spread is down from 108bp on October 5th to 36bp at present.

The flattening trend reflects predominantly expectations of new asset purchases. Markets are front-running ECB purchases as in 2015 when yields rallied into the formal start of QE.

Furthermore, it is possible that short-maturity bonds could be sold after a reserve tiering mechanism is implemented. A pickup in yields could then magnify the flattening trend.



ECB easing to come

The Ecb committed to restart expansionary monetary policy. The stance confirmed the dovish bias advertised in Sintra a month ago. The policy decision release indicates a possibility of rate cuts over a one-year horizon. Along with expected reduction in rates, the ECB will study the feasibility of a reserve tiering system that would be less harmful to private-sector financial institutions. Other options are on the table to ease financial conditions further. New asset purchases are being considered on top of reinvestments of maturities. In parallel, the definition of price stability has changed, so that the ECB's objective is now symmetrical around 2%. The ECB may hence tolerate higher inflation.

Thus, Mario Draghi preannounced a deposit rate cut by 10bp in September. Further cuts which are already partially priced in markets could be conditional to the actual implementation of a reserve tiering system in order to mitigate the impact of negative rates on bank margins. On operational grounds, the reform is complex but necessary to weigh on money market rates and potentially the euro exchange rate. The macro cycle analysis presented by Mario Draghi turned out to be quite confusing but generally laid ground for new asset purchases. The renewed weakness in Germany's manufacturing PMI (43.1 in July) is a worrisome development even if there exist pockets of economic strength in construction or services. We think that new asset purchases can also be a function of demand at the upcoming TLTRO-III, which are less generous than the previous series. If banks prefer to raise funding via the bond market, there could be a case for unsecured bank bond buying. A conflict of interest linked to the ECB's bank supervision task could represent a hurdle to bank bond purchases if the ECB opts to liquidate a non-viable bank institution, in which it holds debt. Such conflict of interest may nevertheless be manageable and actually the ECB already accepts uncovered bank bonds as collateral (to the tune of €78b worth of securities).

The compulsory Fed rate cut

This week's main event is undoubtedly the July 30-31 FOMC. The Fed's monetary pivot has already materialised in the form of foregone rate hikes, anticipated ending of quantitative tightening and a modest IoER 5bp rate cut in May (IoER is one of the interest rates controlled by the Fed). A first cut in the Fed Funds rate is likely to be decided this Wednesday. The rate cut is not justified by the level of Growth (+2.3%y in 2q19), unemployment (3.7%) or the transitory dip in inflation below 2%. The dovish turn has to be seen in the context of global monetary easing. The Fed probably aims at preventing that the dollar becomes the adjustment variable of the

economic cycle (at a time when Trump's protectionism already raised the dollar's value). A 50bp rate decrease may not gather a majority within the FOMC but a large cut in IoER (say -35bp to 2%) to supplement a 25bp downshift in the Fed Funds target range is a distinct possibility. IoER is important for the Fed as it determines the funding cost of its portfolio at a time when yields on reinvested flows have fallen below the 2.35% mark (except on 30-year Treasuries). Furthermore, the rate cut is fully priced in by markets. This suggests that status quo on rates will engineer an equity market correction. The Fed is unlikely to deviate from previous guidance for lower rates.

Precarious equilibrium in markets

The current monetary backdrop favours bond markets. The Fed's message around the decision will nevertheless be quite important. Markets price in 100bp of easing over a one-year horizon. A rate decrease presented as an insurance against foreign developments is inconsistent with a full easing cycle. Yields on 2y and 5y Treasury bonds could creep higher and the yield curve may resume flattening. The bullish consensus raises retracement risk. Conversely, the 10s30s spread has room to widen under this scenario. In the euro area, the ECB's decision sparked further yield curve flattening. The 2s10s spread is making new lows quite close to the 2015 tight levels (35bp). Semicore countries (France and Belgium) still offer a bit of a premium as the long end of the curve remains steep (95bp on OATs). Capitulation of institutional investors remains a possibility. As concerns peripheral markets, political risk in Italy has not (yet?) resulted in early general elections. Fitch ratings' decision on August 9th (BBB, watch for downgrade) has the potential to move spreads and revive volatility in BTP markets (198bp against 10-year Bunds). That said, short-maturity are well protected by monetary easing prospects. In Spain, Socialist Pedro Sanchez failed to form a government, which sparked some profit taking (76bp on 10-year spread). Furthermore, the UK's situation is making no progress. Boris Johnson is preparing for no-deal as FX and bond markets reflect broad-based pessimism. Sterling trades under \$1.23 and implied FX volatility shows complacency is over regarding the black hole experiment of a no-deal Brexit. Gilt yields plunged to 0.65% as the BoE seems paralysed.

Strong demand for euro credit pushed spreads under 100bp vs. Bunds. The possibility of new CSPP purchases helped IG outperform high yield recently, in particular on synthetic CDS indices. As regards equity markets, earnings releases and guidance point to US profit contraction in 3q19. Quarterly earnings growth is less than 4%, which may not be sufficient to maintain high PE multiples. Stakes are high ahead of The Fed's rate decision



Main Market Indicators

G4 Government Bonds	29-Jul-19	-1w k (bp)	-1m (bp)	Ytd (bp)
EUR Bunds 2y	-0.76 %	+1	-1	-15
EUR Bunds 10y	-0.39%	-5	-6	-63
EUR Bunds 2s10s	37 bp	-6	-5	-48
USD Treasuries 2y	1.85 %	+3	+9	-64
USD Treasuries 10y	2.06 %	+1	+5	-63
USD Treasuries 2s10s	21 bp	-2	-4	+1
GBP Gilt 10y	0.65 %	-5	-18	-62
JPY JGB 10v	-0.14 %	-1	+2	-15
€ Sovereign Spreads (10y)	29-Jul-19	-1w k (bp)	-1m (bp)	Ytd (bp)
France	25 bp	-1	-7	-22
Italy	196 bp	-4	-46	-54
Spain	75 bp	+1	+3	-43
Inflation Break-evens (10y)	29-Jul-19	-1w k (bp)	-1m (bp)	Ytd (bp)
EUR OATi	89 bp	-1	+10	-
USD TIPS	177 bp	-3	+7	+5
GBP Gilt Index-Linked	335 bp	+3	+7	+18
EUR Credit Indices	29-Jul-19	-1w k (bp)	-1m (bp)	Ytd (bp)
EUR Corporate Credit OAS	98 bp	-6	-14	-54
EUR Agencies OAS	45 bp	-1	-5	-15
EUR Securitized - Covered OAS	43 bp	-1	-5	-20
EUR Pan-European High Yield OAS	344 bp	-28	-5	-169
EUR Pan-European High Yield OAS EUR/USD CDS Indices 5y	344 bp 29-Jul-19	-28 -1w k (bp)	-5 -1m (bp)	-169 Ytd (bp)
·		-	_	
EUR/USD CDS Indices 5y	29-Jul-19	-1w k (bp)	-1m (bp)	Ytd (bp)
EUR/USD CDS Indices 5y iTraxx IG	29-Jul-19 49 bp	-1w k (bp)	-1m (bp)	Ytd (bp) -39
EUR/USD CDS Indices 5y iTraxx IG iTraxx Crossover	29-Jul-19 49 bp 246 bp	-1w k (bp) +1 -4	-1m (bp) -2 -2	Ytd (bp) -39 -107
EUR/USD CDS Indices 5y iTraxx IG iTraxx Crossover CDX IG	29-Jul-19 49 bp 246 bp 52 bp	-1w k (bp) +1 -4 -1	-1m (bp) -2 -2 -1	Ytd (bp) -39 -107 -35
EUR/USD CDS Indices 5y iTraxx IG iTraxx Crossover CDX IG CDX High Yield	29-Jul-19 49 bp 246 bp 52 bp 314 bp	-1w k (bp) +1 -4 -1	-1m (bp) -2 -2 -1 -8	Ytd (bp) -39 -107 -35 -136
EUR/USD CDS Indices 5y iTraxx IG iTraxx Crossover CDX IG CDX High Yield Emerging Markets	29-Jul-19 49 bp 246 bp 52 bp 314 bp 29-Jul-19	-1w k (bp) +1 -4 -1 -18 -1w k (bp)	-1m (bp) -2 -2 -1 -1 -8 -1m (bp)	Ytd (bp) -39 -107 -35 -136 Ytd (bp)
EUR/USD CDS Indices 5y iTraxx IG iTraxx Crossover CDX IG CDX High Yield Emerging Markets JPM EMBI Global Div. Spread	29-Jul-19 49 bp 246 bp 52 bp 314 bp 29-Jul-19 326 bp	-1w k (bp) +1 -4 -1 -18 -1w k (bp)	-1m (bp) -2 -2 -1 -8 -1m (bp)	Ytd (bp) -39 -107 -35 -136 Ytd (bp) -89
EUR/USD CDS Indices 5y iTraxx IG iTraxx Crossover CDX IG CDX High Yield Emerging Markets JPM EMBI Global Div. Spread Currencies	29-Jul-19 49 bp 246 bp 52 bp 314 bp 29-Jul-19 326 bp 29-Jul-19	-1w k (bp) +1 -4 -1 -18 -1w k (bp) -9 -1w k (%)	-1m (bp) -2 -2 -1 -8 -1m (bp) -21 -1m (%)	Ytd (bp) -39 -107 -35 -136 Ytd (bp) -89 Ytd (%)
EUR/USD CDS Indices 5y iTraxx IG iTraxx Crossover CDX IG CDX High Yield Emerging Markets JPM EMBI Global Div. Spread Currencies EUR/USD	29-Jul-19 49 bp 246 bp 52 bp 314 bp 29-Jul-19 326 bp 29-Jul-19 \$1.114	-1w k (bp) +1 -4 -1 -18 -1w k (bp) -9 -1w k (%) -0.7	-1m (bp) -2 -2 -1 -8 -1m (bp) -21 -1m (%) -1.35	Ytd (bp) -39 -107 -35 -136 Ytd (bp) -89 Ytd (%) -2.72
EUR/USD CDS Indices 5y iTraxx IG iTraxx Crossover CDX IG CDX High Yield Emerging Markets JPM EMBI Global Div. Spread Currencies EUR/USD GBP/USD	29-Jul-19 49 bp 246 bp 52 bp 314 bp 29-Jul-19 326 bp 29-Jul-19 \$1.114 \$1.223	-1w k (bp) +1 -4 -1 -18 -1w k (bp) -9 -1w k (%) -0.7 -2.05	-1m (bp) -2 -2 -1 -8 -1m (bp) -21 -1m (%) -1.35 -3.25	Ytd (bp) -39 -107 -35 -136 Ytd (bp) -89 Ytd (%) -2.72 -4.09
EUR/USD CDS Indices 5y iTraxx IG iTraxx Crossover CDX IG CDX High Yield Emerging Markets JPM EMBI Global Div. Spread Currencies EUR/USD GBP/USD USD/JPY	29-Jul-19 49 bp 246 bp 52 bp 314 bp 29-Jul-19 326 bp 29-Jul-19 \$1.114 \$1.223 ¥108.85	-1w k (bp) +1 -4 -1 -18 -1w k (bp) -9 -1w k (%) -0.7 -2.05 -0.89	-1m (bp) -2 -2 -1 -8 -1m (bp) -21 -1m (%) -1.35 -3.25 -0.34	Ytd (bp) -39 -107 -35 -136 Ytd (bp) -89 Ytd (%) -2.72 -4.09 +0.74
EUR/USD CDS Indices 5y iTraxx IG iTraxx Crossover CDX IG CDX High Yield Emerging Markets JPM EMBI Global Div. Spread Currencies EUR/USD GBP/USD USD/JPY Commodity Futures	29-Jul-19 49 bp 246 bp 52 bp 314 bp 29-Jul-19 326 bp 29-Jul-19 \$1.114 \$1.223 ¥108.85 29-Jul-19	-1w k (bp) +1 -4 -1 -18 -1w k (bp) -9 -1w k (%) -0.7 -2.05 -0.89 -1w k (\$)	-1m (bp) -2 -2 -1 -8 -1m (bp) -21 -1m(%) -1.35 -3.25 -0.34 -1m (\$)	Ytd (bp) -39 -107 -35 -136 Ytd (bp) -89 Ytd (%) -2.72 -4.09 +0.74 Ytd (\$)
EUR/USD CDS Indices 5y iTraxx IG iTraxx Crossover CDX IG CDX High Yield Emerging Markets JPM EMBI Global Div. Spread Currencies EUR/USD GBP/USD USD/JPY Commodity Futures Crude Brent	29-Jul-19 49 bp 246 bp 52 bp 314 bp 29-Jul-19 326 bp 29-Jul-19 \$1.114 \$1.223 ¥108.85 29-Jul-19 \$63.5	-1w k (bp) +1 -4 -1 -18 -1w k (bp) -9 -1w k (%) -0.7 -2.05 -0.89 -1w k (\$) \$0.3	-1m (bp) -2 -2 -1 -8 -1m (bp) -21 -1m (%) -1.35 -3.25 -0.34 -1m (\$) -\$1.2	Ytd (bp) -39 -107 -35 -136 Ytd (bp) -89 Ytd (%) -2.72 -4.09 +0.74 Ytd (\$) \$8.6
EUR/USD CDS Indices 5y iTraxx IG iTraxx Crossover CDX IG CDX High Yield Emerging Markets JPM EMBI Global Div. Spread Currencies EUR/USD GBP/USD USD/JPY Commodity Futures Crude Brent Gold	29-Jul-19 49 bp 246 bp 52 bp 314 bp 29-Jul-19 326 bp 29-Jul-19 \$1.114 \$1.223 ¥108.85 29-Jul-19 \$63.5 \$1 420.9	-1w k (bp) +1 -4 -1 -18 -1w k (bp) -9 -1w k (%) -0.7 -2.05 -0.89 -1w k (\$) \$0.3 -\$5.0	-1m (bp) -2 -2 -1 -8 -1m (bp) -21 -1m (%) -1.35 -3.25 -0.34 -1m (\$) -\$1.2 \$34.3	Ytd (bp) -39 -107 -35 -136 Ytd (bp) -89 Ytd (%) -2.72 -4.09 +0.74 Ytd (\$) \$8.6 \$139.3
EUR/USD CDS Indices 5y iTraxx IG iTraxx Crossover CDX IG CDX High Yield Emerging Markets JPM EMBI Global Div. Spread Currencies EUR/USD GBP/USD USD/JPY Commodity Futures Crude Brent Gold Equity Market Indices	29-Jul-19 49 bp 246 bp 52 bp 314 bp 29-Jul-19 326 bp 29-Jul-19 \$1.114 \$1.223 ¥108.85 29-Jul-19 \$63.5 \$1 420.9 29-Jul-19	-1w k (bp) +1 -4 -1 -18 -1w k (bp) -9 -1w k (%) -0.7 -2.05 -0.89 -1w k (\$) \$0.3 -\$5.0 -1w k (%)	-1m (bp) -2 -2 -1 -8 -1m (bp) -21 -1m (%) -1.35 -3.25 -0.34 -1m (\$) -\$1.2 \$34.3 -1m (%)	Ytd (bp) -39 -107 -35 -136 Ytd (bp) -89 Ytd (%) -2.72 -4.09 +0.74 Ytd (\$) \$8.6 \$139.3 Ytd (%)
EUR/USD CDS Indices 5y iTraxx IG iTraxx Crossover CDX IG CDX High Yield Emerging Markets JPM EMBI Global Div. Spread Currencies EUR/USD GBP/USD USD/JPY Commodity Futures Crude Brent Gold Equity Market Indices S&P 500	29-Jul-19 49 bp 246 bp 52 bp 314 bp 29-Jul-19 326 bp 29-Jul-19 \$1.114 \$1.223 ¥108.85 29-Jul-19 \$63.5 \$1 420.9 29-Jul-19 3 022	-1w k (bp) +1 -4 -1 -18 -1w k (bp) -9 -1w k (%) -0.7 -2.05 -0.89 -1w k (\$) \$0.3 -\$5.0 -1w k (%) 1.23	-1m (bp) -2 -2 -1 -8 -1m (bp) -21 -1m(%) -1.35 -3.25 -0.34 -1m (\$) -\$1.2 \$34.3 -1m (%) 2.72 1.44 1.12	Ytd (bp) -39 -107 -35 -136 Ytd (bp) -89 Ytd (%) -2.72 -4.09 +0.74 Ytd (\$) \$8.6 \$139.3 Ytd (%) 20.54
EUR/USD CDS Indices 5y iTraxx IG iTraxx Crossover CDX IG CDX High Yield Emerging Markets JPM EMBI Global Div. Spread Currencies EUR/USD GBP/USD USD/JPY Commodity Futures Crude Brent Gold Equity Market Indices S&P 500 EuroStoxx 50	29-Jul-19 49 bp 246 bp 52 bp 314 bp 29-Jul-19 326 bp 29-Jul-19 \$1.114 \$1.223 ¥108.85 29-Jul-19 \$63.5 \$1 420.9 29-Jul-19 3 022 3 524	-1w k (bp) +1 -4 -1 -18 -1w k (bp) -9 -1w k (%) -0.7 -2.05 -0.89 -1w k (\$) \$0.3 -\$5.0 -1w k (%) 1.23 0.96	-1m (bp) -2 -2 -1 -8 -1m (bp) -21 -1m (%) -1.35 -3.25 -0.34 -1m (\$) -\$1.2 \$34.3 -1m (%) 2.72 1.44	Ytd (bp) -39 -107 -35 -136 Ytd (bp) -89 Ytd (%) -2.72 -4.09 +0.74 Ytd (\$) \$8.6 \$139.3 Ytd (%) 20.54 17.40
EUR/USD CDS Indices 5y iTraxx IG iTraxx Crossover CDX IG CDX High Yield Emerging Markets JPM EMBI Global Div. Spread Currencies EUR/USD GBP/USD USD/JPY Commodity Futures Crude Brent Gold Equity Market Indices S&P 500 EuroStoxx 50 CAC 40	29-Jul-19 49 bp 246 bp 52 bp 314 bp 29-Jul-19 326 bp 29-Jul-19 \$1.114 \$1.223 ¥108.85 29-Jul-19 \$63.5 \$1 420.9 29-Jul-19 3 022 3 524 5 601	-1w k (bp) +1 -4 -1 -18 -1w k (bp) -9 -1w k (%) -0.7 -2.05 -0.89 -1w k (\$) \$0.3 -\$5.0 -1w k (%) 1.23 0.96 0.61	-1m (bp) -2 -2 -1 -8 -1m (bp) -21 -1m(%) -1.35 -3.25 -0.34 -1m (\$) -\$1.2 \$34.3 -1m (%) 2.72 1.44 1.12	Ytd (bp) -39 -107 -35 -136 Ytd (bp) -89 Ytd (%) -2.72 -4.09 +0.74 Ytd (\$) \$8.6 \$139.3 Ytd (%) 20.54 17.40 18.40
EUR/USD CDS Indices 5y iTraxx IG iTraxx Crossover CDX IG CDX High Yield Emerging Markets JPM EMBI Global Div. Spread Currencies EUR/USD GBP/USD USD/JPY Commodity Futures Crude Brent Gold Equity Market Indices S&P 500 EuroStoxx 50 CAC 40 Nikkei 225	29-Jul-19 49 bp 246 bp 52 bp 314 bp 29-Jul-19 326 bp 29-Jul-19 \$1.114 \$1.223 ¥108.85 29-Jul-19 \$63.5 \$1 420.9 29-Jul-19 3 022 3 524 5 601 21 617	-1w k (bp) +1 -4 -1 -18 -1w k (bp) -9 -1w k (%) -0.7 -2.05 -0.89 -1w k (\$) \$0.3 -\$5.0 -1w k (%) 1.23 0.96 0.61 0.93	-1m (bp) -2 -2 -1 -8 -1m (bp) -21 -1m (%) -1.35 -3.25 -0.34 -1m (\$) -\$1.2 \$34.3 -1m (%) 2.72 1.44 1.12 1.60	Ytd (bp) -39 -107 -35 -136 Ytd (bp) -89 Ytd (%) -2.72 -4.09 +0.74 Ytd (\$) \$8.6 \$139.3 Ytd (%) 20.54 17.40 18.40 8.00



Writing



AXEL BOTTE STRATEGIST axel.botte@ostrum.com

Legal information

This document is intended for professional clients in accordance with MIFID. It may not be used for any purpose other than that for which it was conceived and may not be copied, distributed or communicated to third parties, in part or in whole, without the prior written authorization of Ostrum Asset Management.

None of the information contained in this document should be interpreted as having any contractual value. This document is produced purely for the purposes of providing indicative information. This document consists of a presentation created and prepared by Ostrum Asset Management based on sources it considers to be reliable. Ostrum Asset Management reserves the right to modify the information presented in this document at any time without notice, and in particular anything relating to the description of the investment process, which under no circumstances constitutes a commitment from Ostrum Asset Management Asset Management.

Ostrum Asset Management will not be held responsible for any decision taken or not taken on the basis of the information contained in this document, nor in the use that a third party might make of the information.

Figures mentioned refer to previous years. Past performance does not guarantee future results. Any reference to a ranking, a rating or an award provides no guarantee for future performance and is not constant over time. Reference to a ranking and/or an award does not indicate the future performance of the UCITS/AIF or the fund manager.

Under Ostrum Asset Management's social responsibility policy, and in a coordance with the treaties signed by the French government, the funds directly managed by Ostrum Asset Management do not invest in any company that manufactures, sells or stocks anti-personnel mines and cluster bombs.

This material has been provided for information purposes only to investment service providers or other Professional Clients, Qualified or Institutional Investors and, when required by local regulation, only at their written request. This material must not be used with Retail Investors. In the E.U. (outside of the UK and France): Provided by Natikis Investment Managers S.A. or one of its branch offices listed below. Natikis Investment Managers S.A. is a Luxembourg management company

In the E.U. (outside of the UK and France): Provided by Nativis Investment Managers S.A. or one of its branch offices listed below. Nativis Investment Managers S.A. is a Luxembourg management company that is authorized by the Commission de Surveillance du Secteur Financier and is incorporated under Luxembourg laws and registered under n. B 1158493. Registered office of Nativis Investment Managers S.A. 2. rue Jean Monnet, L-2180 Luxembourg, Iran Luxembourg, Iran

GP 90-009, and a public limited company (societé anonyme) registered in tine rais trade and companies register in the UKE 70-000. In Switzerland Provided by Nativis Investment Managers, Switzerland or its representative office in Zurich, Schweizergasse 6, 8001 Zürich.

In the U.K. Provided by Nativis Investment Managers UK Limited which is authorised and regulated by the UK Financial Conduct Authority (register no. 190258). This material is intended to be communicated to and/or directed at persons (1) in the United Kingdom, and should not to be regarded as an offer to buy or sell, or the solicitation of any offer to buy or sell securities in any other jurisdiction than the United Kingdom, and (2) who are authorised under the Financial Services and Markets Act 2000 (FSMA 2000); or are high net worth businesses with called up share capital or net assets of at least £5 million, or any other persons to whom the material may otherwise lawfully be distributed in accordance with the FSMA 2000 (Financial Promotion) Order 2005 or the FSMA 2000 (Promotion of Collective Investment Schemes) (Exemptions) Order 2005 (file Intended Recipients'). The fund, services or opinions referred to in this material are only available to the Intended Recipients and this material must not be relied nor acted upon by any other persons. Registered Office: Nativis Investment Managers UK Limited, One Carret Lane, London, EC4V SER.

In the DIFC: Provided in and from the DIFC financial district by Nativis Investment Managers Middle East (DIFC Branch) which is regulated by the DFSA. Related financial products or services are only available to persons who have sufficient financial experience and understanding to participate in financial amyters within the DIFC, and qualify as Professional Clients or Market Counterparties as defined by the DFSA. No other Person should act upon this material. Registered office: Office 603 - Level 6, Currency House Tower 2, PO Box 118257, DIFC, Dubai, United Arab Emirates.

In Japan Provided by Nativis Investment Ma

Singapore docodo.

In Hong Kong: Provided by Natixis Investment Managers Hong Kong Limited to institutional/ corporate professional investors only.

In Australia: Provided by Natixis Investment Managers Australia Pty Limited (ABN 60 088 786 289) (AFSL No. 246830) and is intended for the general information of financial advisers and wholesale clients

only.

In New Zealand: This document is intended for the general information of New Zealand wholesale investors only and does not constitute financial advice. This is not a regulated offer for the purposes of the Financial Markets Conduct Act 2013 (FMCA) and is only available to New Zealand investors who have certified that they meet the requirements in the FMCA for wholesale investors. Natixis Investment Managers Australia Pty Limited is not a registered financial service provider in New Zealand. In Latin America: Provided by Natixis Investment Managers S.A.

In Uruguay: Provided by Natixis Investment Managers Uruguay S.A., a duly registered investment advisor, authorised and supervised by the Central Bank of Uruguay. Office: San Lucar 1491, oficina 102B, Montevideo, Uruguay, CP 11500. The sale or offer of any units of a fund qualifies as a private placement pursuant to section 2 of Uruguayana law 18,627.

In Colombia: Provided by Natixis Investment Managers S.A. Oficina de Representación (Colombia) to professional clients for informational purposes only as permitted under Decree 2555 of 2010. Any products, services or investments referred to herein are rendered exclusively outside of Colombia. This material does not constitute a public offering in Colombia and is addressed to less than 100 specifically identified investors.

In Mexico: Provided by Natixis IM Mexico, S. de R.L. de C.V., which is not a regulated financial entity or an investment manager in terms of the Mexican Securities Market Law (Ley del Mercado de Valores) and is not registered with the Comisión Nacional Bancaria y de Valores (CNBV) or any other Mexican authority. Any products, services or investments referred to herein that require authorization or license are rendered exclusively outside of Mexico. Natixis Investment Managers is an entity organized under the laws of France and is not authorized by or registered with the CNBV or any other Mexican authority to operate within Mexico as an investment manager in terms of the Mexican Securities Market Law (Ley del Mercado de Valores). Any use of the expression or reference contained herein to "Investment Managers" is made to Natixis Investment Managers, which are also not authorized by or registered with the CNBV or any other Mexican authority to operate within Mexico as investment management subsidiaries of Natixis Investment Managers, which are also not authorized by or registered with the CNBV or any other Mexican authority to operate within Mexico as investment managers.

**The Poblicy Referenced entities are business development units of Matixis Investment Managers, the holding company of a diverse line-up of specialised investment management and distribution entities.

The above referenced entitles are business development units of Nativis Investment Managers, the holding company of a diverse line-up of specialised investment management and distribution entitles worldwide. The investment management subsidiaries of Nativis Investment Managers conduct any regulated activities only in and from the jurisdictions in which they are licensed or authorized. Their services and the products they manage are not available to all investors in all jurisdictions. It is the responsibility of each investment service provider to ensure that the offering or sale of fund shares or third party investment services to its clients complies with the relevant national law

Investment services to its clients complies with the relevant national law.

The provision of this material and/or reference to specific securities, sectors, or markets within this material does not constitute investment advice, or a recommendation or an offer to buy or to sell any security, or an offer of any regulated financial activity. Investors should consider the investment objectives, risks and expenses of any investment carefully before investing. The analyses, opinions, and certain of the investment themes and processes referenced herein represent the views of the portfolio manager(s) as of the data indicated. These, as well as the portfolio holdings and characteristics shown, are subject to change. There can be no assurance that developments will transpire as may be forecasted in this material. Past performance information presented is not indicated or such information provided in this material to be reliable, including that from third party sources, it does not guarantee the accuracy, adequacy, or completeness of such information. This material may not be distributed, published, or reproduced, in whole or in part.

All amounts shown are expressed in USD unless otherwise indicated.







www.ostrum.com

Ostrum Asset Management

Asset management company regulated by AMF under n° GP-18000014 – Limited company with a share capital of 27 772 359 euros Trade register n°525 192 753 Paris – VAT: FR 93 525 192 753 – Registered Office: 43, avenue Pierre Mendès-France, 75013 Paris – www.ostrum.com Tél.: 01 58 19 09 80



