ECB preview: words now, but action to follow

01 September 2015

Rates and Currencies Research

Global Rates & Currencies Research

Gilles Moec

Europe Economist MLI (UK) +44 20 7996 7574 gilles.moec@baml.com

Ruben Segura-Cayuela

Europe Economist
MLI (UK)
+44 20 7995 2102
ruben.segura-cayuela@baml.com

Sphia Salim

Rates Strategist MLI (UK) +44 20 7996 2227 sphia.salim@baml.com

Kamal Sharma

FX Strategist MLI (UK) +44 20 7996 4855 ksharma32@baml.com

Adarsh Sinha

FX Strategist Merrill Lynch (Hong Kong) +852 3508 7155 adarsh.sinha@baml.com

Yang Chen

Rates Strategist Merrill Lynch (Hong Kong) +852 3508 8695 ychen8@baml.com

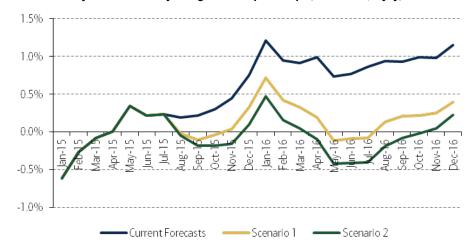
David Woo

FX and Rates Strategist MLPF&S +1 646 855 5442 david.woo@baml.com

See Team Page for Full List of Contributors

By Gilles Moec, Ruben Segura-Cayuela, Sphia Salim and Kamal Sharma

Chart of the Day: Can the ECB fully disregard the oil price drop? (EA inflation, %yoy)



Source: BofA Merrill Lynch Global Research estimates. Scenario 1 keeps oil constant at current levels. Scenario 2 keeps oil and EURUSD at current levels.

Avoiding more euro re-appreciation is the short run priority – the weak euro is QE's most tangible result. In our view "talking dovish", i.e. unambiguously recognizing the risks to their outlook and underlining the possibility to do more, should be the ECB's first port of call for this week, while the resilience in the real economy data flow and uncertainty over the Fed stance makes it hard to get into action in September already, beyond possibly some minor tweaks to asset eligibility as a sign of goodwill. In the medium run though, we believe the negative risk to consumer prices from the Chinarelated turmoil matters more than the adverse shock on growth.

The ensuing revision in the ECB's inflation trajectory – with Praet already acknowledging downside risks there – might force the Governing Council's hand on beefing up QE by the year-end, in line of our long-held view that the inflation outlook would force the ECB into "more for longer". In our view, announcing that QE will continue beyond September 2016 would be a powerful form of forward guidance, allowing it to maintain a suitable "policy gap" with the Fed.

This report is an extract of a report of the same name published 01 September 2015

Trading ideas and investment strategies discussed herein may give rise to significant risk and are not suitable for all investors. Investors should have experience in FX markets and the financial resources to absorb any losses arising from applying these ideas or strategies.

BofA Merrill Lynch does and seeks to do business with companies covered in its research reports. As a result, investors should be aware that the firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their investment decision.

Refer to important disclosures on page 9 to 10. Analyst Certification on page 8.

11550946

Events colliding with the ECB's yearning for plain sailing

In an interview with Boersen Zeitung last week, ECB board member Benoit Coeuré stated that "we do not wake up every morning and look at the economic indicators in order to decide whether to raise or lower interest rates or whether to stop or expand QE", conveying a sense that QE should be allowed time to work through the economy and is not designed to "micro manage" the cycle. The decision to reduce the frequency of the Governing Council meetings – announced in July 2014 – also signalled the ECB's willingness to wean the market off speculating on how the central bank would react to short-term "noise". Finally, we also believe that with QE, as it was designed in January, the central bank has found a delicate internal compromise, and that the bar for any material tweaking is quite high.

Still, the ECB has been "asymmetric" for quite some months, firmly dismissing any tapering of the programme before September 2016, but open to more action. Draghi noted in July that it was ready to do more "if any factor were to lead to an unwarranted tightening in monetary conditions or if the outlook for price stability were to materially change". The issue then is whether the China-related turmoil would qualify as a "material change". We believe there is enough room for more dovish talking, but not – yet – for action, even if the latest developments sit well with our view that the ECB, by year-end, will have to make a continuation of QE after September 2016 a baseline and not a possibility, given a deteriorating inflation outlook.

Monetary conditions: the ECB probably needs to wait for the Fed

Monetary conditions are a combination of market interest rates and exchange rates. On the former, the market has eased back from the July hiccup, with the Greece-related risk premium disappearing – at least provisionally. Peripheral 10-year yields are still above the level they had reached just after QE was launched, but arguably in the ECB's eyes, Spanish long-term rates at 1.15% (trough on 12 March) were always a bit of an overreaction. What probably matters to them is whether or not this "normalization" translates into higher borrowing costs for households and corporations. By June 2015 (latest available data point) there were only faint traces of the retracing in govies' yields in retail rates in the periphery. The return to a quieter bond market probably insures against any tension on lending rates, which would leave intact the ECB's view, expressed in the press conference on 16 July that "the latest information remains consistent with a continued pass-through of our policy measures to the cost and availability of credit for firms and households".

The picture is quite different for the exchange rate. On Monday, the euro dollar crossed the 1.15 level which had acted as a sort of "natural ceiling" since the launch of QE. In trade-weighted terms, the European currency has appreciated by 3.0% since the ECB's last monetary policy meeting, against 2.3% for the dollar. On Friday last week, the euro's trade weighted index stood only 1.3% below the level reached the day before QE was announced.

Obviously, for the ECB, mid-December 2014 (i.e. just before QE started to be aggressively priced by the market) may be a more relevant reference point; from there, the depreciation in the euro's TWI is more pronounced (-6.6%). Still, the recent dynamics are not encouraging, and we argued some time ago that on these issues, the *level* of the exchange rate also matters, i.e. that in a region of 1.10/1.15 a majority of French and Italian corporations would feel competitive, which could have a facilitating effect on investment decisions. Breaking the upper end of this territory would be costly in terms of business confidence. It is also a risk for the ECB's credibility since, during the last episode of euro re-appreciation towards 1.15 in the spring, many Governing Council members were busy talking down the currency, creating the impression that the central bank had embarked on "soft exchange rate targeting".

A revision in market expectations regarding the probability of a Fed rate hike in September probably explains, at least partly, the recent re-appreciation of the currency.

Thus, the normal course of action for the ECB would be to respond by another layer of accommodation to maintain unchanged the "stance gap" with the Fed. However, the ECB will have to speak before the Fed, and even if the Fed decides not to hike on 17 September, the FOMC's choice of communication around such a "non-decision" could have quite different implications (would it simply be "skipping" a meeting to wait for the dust to settle on the market, or would it reflect a more fundamental change of heart on the timing/necessity of normalization?). Given this uncertainty, "talking the currency down" by insisting on the possibility to do more rather than big, hard to reverse decisions, should be the natural slope.

Outlook for growth: So far, so good ...

In any case, moving straight into action is likely to be resisted by a strong constituency within the Governing Council given the absolute lack of materialization of the lack of EM traction in Euro area data. The disappointing Q2 GDP figures areŁin our view, entirely explainable by one-offs (inventory gyrations, exceptional weather conditions and strikes). Business sentiment in Germany, the only Euro area country with substantial exposure to China, continues to improve.

More fundamentally, we consider that the market is both exaggerating the direct impact of lower Chinese demand on European – and German – growth and failing to understand that in "general equilibrium" terms, a decline in Chinese demand is undeniably negative for Europe's foreign trade, but is a positive for Europe's consumer spending via its powerful impact on commodity prices. Hence, ultimately this should have a larger impact on the breakdown of GDP growth (more services, less manufacturing) than on the pace of growth itself.

That is a strong reason, in our view, that the ECB's approach this week could be confined to words rather than action. We do not think the ECB can be confident on any China forecast in the short run – e.g. cannot rule out a major stimulus package that would significantly reduce the risk of a hard-landing in China. They could be seen as having jumped the gun if they were to engage in emergency accommodation ahead of a shock that would ultimately fail to significantly dent European growth – much like the Asian crisis of the late 1990s had little effect.

...but the inflation outlook is deteriorating

During his July press conference, Draghi mentioned in the prepared statement that "market based inflation expectations have, on balance, stabilised or recovered further since our meeting in early-June". This no longer holds with "5 year/5 year" down to 1.62%.

It is always tempting for central banks to dismiss market-based inflation expectations, given their tendency to over-react to the latest developments, but even before the materialisation of the Chinese turmoil, we had reservations about the ECB's inflation trajectory. On the basis of the move in oil prices alone, we estimate the central bank will have to revise down its forecasts by 0.3 pp in 2015 and by 0.2 pp in 2016. Because of the quirk in the slope of the oil futures curve, the central bank should be able to claim that 2017 will still be consistent with their definition of price stability, but this comes at a cost in terms of price level gap.

Since the cut-off date for the technical assumptions was 12 August, the forecasts to be released next Thursday will have missed the latest – and significant – moves in the currency and oil prices.

Recent comments from Constancio suggest the need to discount the recent oil price move when assessing the inflation outlook, but the Governing Council decided this was not the case at end-2014. And rightly so. When inflation is low, the output gap is negative, and rates are at the zero lower bound, the reaction function of a central bank to a sudden drop in oil prices should differ from that of normal times. Otherwise it would risk disinflationary forces being entrenched in long-term inflation expectations.

As an example, given uncertainty on these variables remains high, we run a couple of alternative scenarios for inflation, departing from our central case. We always use the evolution of the exchange rate given by our FX strategists (they expect the EURUSD to go to parity by the year-end and remain there through 2016). For oil prices, we take the 15-day moving average futures curve at the cut-off day for our forecasts. To be fully agnostic on the evolution of those two variables, the two alternative scenarios we run are:

Scenario 1: We keep FX as in our central scenario but assume oil prices remain at current levels in USD terms (\$44 per barrel).

Scenario 2: We assume both EURUSD and oil prices remain at current levels (1.15 for the EURUSD).

The Chart of the Day shows the results of these two scenarios. Recall that our current forecast is for inflation to average 0.1% in 2015 and 1.0% in 2016. At constant oil prices, we would see inflation pretty much below 0.5% yoy until end-2016, averaging 0.0% in 2015 and 0.2% in 2016.

In a scenario where the currency does not move much either, inflation would likely remain negative for most of this year and next, reaching 0.2% at end-2016 and averaging -0.2% for the whole year.

And all this assumes the absence of second-round effects, although the indirect effects of the drop in the path for oil prices and the direct effect of the stronger currency would bring core inflation to 0.8% on average in 2016 in Scenario 1 (from our forecast of 0.9%) and to a low of 0.5% in Scenario 2.

The Governing Council has kept the programme open-ended by committing to keep it in place until we see a sustained adjustment in the path of inflation that is consistent with its medium-term inflation objective. These are scenarios where, in our view, QE clearly continues even if the drop in inflation is (mostly) oil driven, since they would seriously call into question whether we are on the path to the medium-term objective.

Conclusions & likely ECB moves

In our view, the short-term fix to the forecasts' obsolescence "on arrival" is for the ECB to detract attention from mid-points and focus on "downside risks" to the expected trajectory. This is what Praet has started to do on Wednesday 26 August. This could be accompanied by Draghi making the point that while the outlook has not materially changed yet, the risk that it does is high and that they are in "heightened monitoring mode", re-listing, as Praet did, that the programme offers flexibility on "size, content and duration".

We do not think that Draghi will elaborate much on the choice between these various options at this stage.

In our view, increasing the size of the programme – without changing the eligible assets – would make sense if the bond market gets in trouble again – and there is little sign of that. This week, we would not be surprised if the ECB tweaked eligibility rules – the way it did by extending it to state-controlled corps in July – or relaxing some of the rules on the type of ABS it buys. Going beyond this will be difficult, in our view. Moving into corporate bonds more generally would be the right response if the high yield turmoil in the US had significant effects over this side of the Atlantic, but we are not there yet. Greatly expanding purchases of ABS still collides with the need to get the new regulation out first.

We think that extending the duration of the programme beyond September 2016 is the likely first port of call. Indeed, in our view the biggest challenge to QE's efficiency is the risk of a re-appreciation of the currency. From that point of view, what's crucial is to reassure on the "policy gap" with the Fed. Extending QE in time would help to maintain

the gap – in a form of super-committed forward guidance – if the Fed delays its own lift-off. Incidentally, also prolonging the TLTROs (the last one is scheduled for June 2016) would make sense.

In principle, there would be a case for taking the deposit rate further down, since it was an efficient instrument to take the currency down last year. However, beyond the fact that it would make banks' life even more difficult in the Euro area, this could dent the ECB's credibility since the Governing Council signalled that the last move on this was intended to be the final one.

Still, in our view, this discussion on the content of the next layer of accommodation is for later consumption, once it becomes clearer, in the coming months, to a wide majority of the Governing Council that, irrespective of the China risk, the risk of missing the inflation target for too long becomes obvious.

Implications for the rates & FX markets: ECB defers to the Fed

As the intensity of the Greek crisis faded from the headlines in July, the hope had been that FX markets would revert back to trading currencies based on fundamentals. That hope has been derailed by the latest bout of volatility to hit the FX markets and within the space of a month, EUR/USD has appreciated by over 7% as China has dominated the headlines. With the exception of JPY, EUR has so far been the strongest performing currency in August, underlining its status as a major funding currency whilst the USD has suffered as the US rates market pares back expectations for a September rate hike.

Our baseline scenario remains for EUR/USD to the end the year lower than current levels as the underlying message from the ECB will likely be a dovish one and that QE will more than likely continue beyond September 2016, while our US economists still expect the Fed to hike this year. However, there are risks to our call, the most notable being a delayed first Fed rate hike and the ongoing developments in China that could trigger a further bout of market volatility.

In the rates market, the drop in government bond supply, coupled with large coupons and redemptions over July have allowed yields to correct lower, as we had expected. The sharp drop in commodity prices further supported Bunds, settling 10y yields back into the 50-75 bp trading range we were looking for.

While we look for Bund yields to remain range-bound in the next couple of months, we also note the possible start of a new dynamic, whereby the traditional directionality between EUR and USD rates markets would be restored. In this matter, the September ECB meeting is key. If, as stated above, the ECB restricts itself to dovish rhetoric and does not announce further easing, all eyes will turn to the Fed. Given the directionality of the UST-Bund spread is likely a result of the different activism of the two central banks, we believe that a first Fed hike in September would likely see Bunds surrender the leadership role in the rates market back to USTs at least until the ECB is forced into more accommodation, potentially in December. This suggests that in a sell-off, we would expect the Bund-Treasury spread to widen.

Should the ECB announce further easing as early as this week, both our views of range-bound Bund yields and changed UST-Bund directionality would be challenged. In particular, a significant increase in the overall size of Euro sovereign bond purchases may result in a rally towards the low-end of the 50-75bp range in the 10y. Alternatively, an expansion in the list of QE eligible assets with an expected increase in the overall size of purchases could be read positively for risky assets and contribute to 10y Bunds selling off beyond 75bp.

Disclosures

Important Disclosures

BofA Merrill Lynch Research personnel (including the analyst(s) responsible for this report) receive compensation based upon, among other factors, the overall profitability of Bank of America Corporation, including profits derived from investment banking revenues.

BofA Merrill Lynch Global Credit Research analysts regularly interact with sales and trading desk personnel in connection with their research, including to ascertain pricing and liquidity in the fixed income markets.

Other Important Disclosures

This report may refer to fixed income securities that may not be offered or sold in one or more states or jurisdictions. Readers of this report are advised that any discussion, recommendation or other mention of such securities is not a solicitation or offer to transact in such securities. Investors should contact their BofA Merrill Lynch representative or Merrill Lynch Financial Global Wealth Management financial advisor for information relating to fixed income securities

Rule 144A securities may be offered or sold only to persons in the U.S. who are Qualified Institutional Buyers within the meaning of Rule 144A under the Securities Act of 1933, as amended. SECURITIES DISCUSSED HEREIN MAY BE RATED BELOW INVESTMENT GRADE AND SHOULD THEREFORE ONLY BE CONSIDERED FOR INCLUSION IN ACCOUNTS QUALIFIED FOR SPECULATIVE INVESTMENT

Recipients who are not institutional investors or market professionals should seek the advice of their independent financial advisor before considering information in this report in connection with any investment decision, or for a necessary explanation of its contents.

The securities discussed in this report may be traded over-the-counter. Retail sales and/or distribution of this report may be made only in states where these securities are exempt from registration or have been qualified for sale.

Officers of MLPF&S or one or more of its affiliates (other than research analysts) may have a financial interest in securities of the issuer(s) or in related investments.

This report, and the securities discussed herein, may not be eligible for distribution or sale in all countries or to certain categories of investors. BofA Merrill Lynch Global Research policies relating to conflicts of interest are described at http://www.ml.com/media/43347.pdf.

"BofA Merrill Lynch" includes Merrill Lynch, Pierce, Fenner & Smith Incorporated ("MLPF&S") and its affiliates. Investors should contact their BofA Merrill Lynch representative or Merrill Lynch Global Wealth Management financial advisor if they have questions concerning this report. "BofA Merrill Lynch" and "Merrill Lynch" are each global brands for BofA Merrill Lynch Global Research.

Information relating to Non-US affiliates of BofA Merrill Lynch and Distribution of Affiliate Research Reports:

MLPF&S distributes, or may in the future distribute, research reports of the following non-US affiliates in the US (short name: legal name): Merrill Lynch (France): Merrill Lynch (Apital Markets (France) SAS; Merrill Lynch (Frankfurt): Merrill Lynch International Bank Ltd., Frankfurt Branch; Merrill Lynch (South Africa): Merrill Lynch South Africa (Pty) Ltd.; Merrill Lynch (Milan): Merrill Lynch International Bank Limited; MLI (UK): Merrill Lynch International; Merrill Lynch (Australia): Merrill Lynch Equities (Australia) Limited; Merrill Lynch (Hong Kong): Merrill Lynch (Asia Pacific) Limited; Merrill Lynch (Singapore): Merrill Lynch (Singapore) Pte Ltd.; Merrill Lynch (Canada): Merrill Lynch Canada Inc; Merrill Lynch (Mexico): Merrill Lynch Mexico, SA de CV, Casa de Bolsa; Merrill Lynch (Argentina): Merrill Lynch Argentina SA; Merrill Lynch (Japan): Merrill Lynch Japan Securities Co., Ltd.; Merrill Lynch (Seoul): Merrill Lynch International Incorporated (Seoul Branch); Merrill Lynch (Taiwan): Merrill Lynch Securities (Taiwan) Ltd.; DSP Merrill Lynch (India): DSP Merrill Lynch Limited; PT Merrill Lynch (Indonesia): PT Merrill Lynch Indonesia; Merrill Lynch (Israel): Merrill Lynch (Russia): OOO Merrill Lynch Securities, Moscow; Merrill Lynch (Turkey I.B.): Merrill Lynch Yatirim Bank A.S.; Merrill Lynch (Turkey Broker): Merrill Lynch Merrill Lynch (Dubai): Merrill Lynch (Indernational, Dubai Branch; MLPF&S (Zurich rep. office): MLPF&S Incorporated Zurich representative office; Merrill Lynch (Spain): Merrill Lynch (Brazil): Bank of America Merrill Lynch Banco Multiplo S.A.; Merrill Lynch KSA Company, Merrill Lynch Kingdom of Saudi Arabia Company

This research report has been approved for publication and is distributed in the United Kingdom to professional clients and eligible counterparties (as each is defined in the rules of the Financial Conduct Authority and the Prudential Regulation Authority) by Merrill Lynch International and Bank of America Merrill Lynch International Limited, which are authorized by the Prudential Regulation Authority and regulated by the Financial Conduct Authority and the Prudential Regulation Authority, and is distributed in the United Kingdom to retail clients (as defined in the rules of the Financial Conduct Authority and the Prudential Regulation Authority) by Merrill Lynch International Bank Limited, London Branch, which is authorised by the Central Bank of Ireland and subject to limited regulation by the Financial Conduct Authority and Prudential Regulation Authority - details about the extent of our regulation by the Financial Conduct Authority and Prudential Regulation Authority are available from us on request; has been considered and distributed in Japan by Merrill Lynch Japan Securities Co., Ltd., a registered securities dealer under the Financial Instruments and Exchange Act in Japan; is distributed in Hong Kong by Merrill Lynch (Asia Pacific) Limited, which is regulated by the Hong Kong SFC and the Hong Kong Monetary Authority is issued and distributed in Taiwan by Merrill Lynch Securities (Taiwan) Ltd.; is issued and distributed in India by DSP Merrill Lynch Limited; and is issued and distributed in Singapore to institutional investors and/or accredited investors (each as defined under the Financial Advisers Regulations) by Merrill Lynch International Bank Limited (Merchant Bank) and Merrill Lynch (Singapore) Pte Ltd. (Company Registration No.'s F 06872E and 198602883D respectively). Merrill Lynch International Bank Limited (Merchant Bank) and Merrill Lynch (Singapore) Pte Ltd. are regulated by the Monetary Authority of Singapore. Bank of America N.A., Australian Branch (ARBN 064 874 531), AFS License 412901 (BANA Australia) and Merrill Lynch Equities (Australia) Limited (ABN 65 006 276 795), AFS License 235132 (MLEA) distributes this report in Australia only to 'Wholesale' clients as defined by s.761G of the Corporations Act 2001. With the exception of BANA Australia, neither MLEA nor any of its affiliates involved in preparing this research report is an Authorised Deposit-Taking Institution under the Banking Act 1959 nor regulated by the Australian Prudential Regulation Authority. No approval is required for publication or distribution of this report in Brazil and its local distribution is made by Bank of America Merrill Lynch Banco Múltiplo S.A. in accordance with applicable regulations. Merrill Lynch (Dubai) is authorized and regulated by the Dubai Financial Services Authority (DFSA). Research reports prepared and issued by Merrill Lynch (Dubai) are prepared and issued in accordance with the requirements of the DFSA conduct of business rules.

Merrill Lynch (Frankfurt) distributes this report in Germany. Merrill Lynch (Frankfurt) is regulated by BaFin.

This research report has been prepared and issued by MLPF&S and/or one or more of its non-US affiliates. MLPF&S is the distributor of this research report in the US and accepts full responsibility for research reports of its non-US affiliates distributed to MLPF&S clients in the US. Any US person receiving this research report and wishing to effect any transaction in any security discussed in the report should do so through MLPF&S and not such foreign affiliates. Hong Kong recipients of this research report should contact Merrill Lynch (Asia Pacific) Limited in respect of any matters relating to dealing in securities or provision of specific advice on securities. Singapore recipients of this research report should contact Merrill Lynch International Bank Limited (Merchant Bank) and/or Merrill Lynch (Singapore) Pte Ltd in respect of any matters arising from, or in connection with, this research report.

General Investment Related Disclosures:

Taiwan Readers: Neither the information nor any opinion expressed herein constitutes an offer or a solicitation of an offer to transact in any securities or other financial instrument. No part of this report may be used or reproduced or quoted in any manner whatsoever in Taiwan by the press or any other person without the express written consent of BofA Merrill Lynch.

This research report provides general information only. Neither the information nor any opinion expressed constitutes an offer or an invitation to make an offer, to buy or sell any securities or other financial instrument or any derivative related to such securities or instruments (e.g., options, futures, warrants, and contracts for differences). This report is not intended to provide personal investment advice and it does not take into account the specific investment objectives, financial situation and the particular needs of any specific person. Investors should seek financial advice regarding the appropriateness of investing in financial instruments and implementing investment strategies discussed or recommended in this report and should understand that statements regarding future prospects may not be realized. Any decision to purchase or subscribe for securities in any offering must be based solely on existing public information on such security or the information in the prospectus or other offering document issued in connection with such offering, and not on this report.

Securities and other financial instruments discussed in this report, or recommended, offered or sold by Merrill Lynch, are not insured by the Federal Deposit Insurance Corporation and are not deposits or other obligations of any insured depository institution (including, Bank of America, N.A.). Investments in general and, derivatives, in particular, involve numerous risks, including, among others, market risk, counterparty default risk and liquidity risk. No security, financial instrument or derivative is suitable for all investors. In some cases, securities and other financial

instruments may be difficult to value or sell and reliable information about the value or risks related to the security or financial instrument may be difficult to obtain. Investors should note that income from such securities and other financial instruments, if any, may fluctuate and that price or value of such securities and instruments may rise or fall and, in some cases, investors may lose their entire principal investment. Past performance is not necessarily a guide to future performance. Levels and basis for taxation may change.

Futures and options are not appropriate for all investors. Such financial instruments may expire worthless. Before investing in futures or options, clients must receive the appropriate risk disclosure documents. Investment strategies explained in this report may not be appropriate at all times. Costs of such strategies do not include commission or margin expenses. BofA Merrill Lynch is aware that the implementation of the ideas expressed in this report may depend upon an investor's ability to "short" securities or other financial instruments and that such action may be limited by regulations prohibiting or restricting "shortselling" in many jurisdictions. Investors are urged to seek advice regarding the applicability of such regulations prior to executing any short idea contained in this report.

This report may contain a trading idea or recommendation which highlights a specific identified near-term catalyst or event impacting a security, issuer, industry sector or the market generally that presents a transaction opportunity, but does not have any impact on the analyst's particular "Overweight" or "Underweight" rating (which is based on a three month trade horizon). Trading ideas and recommendations may differ directionally from the analyst's rating on a security or issuer because they reflect the impact of a near-term catalyst or event.

Foreign currency rates of exchange may adversely affect the value, price or income of any security or financial instrument mentioned in this report. Investors in such securities and instruments effectively assume currency risk.

UK Readers: The protections provided by the U.K. regulatory regime, including the Financial Services Scheme, do not apply in general to business coordinated by BofA Merrill Lynch entities located outside of the United Kingdom. BofA Merrill Lynch Global Research policies relating to conflicts of interest are described at http://www.ml.com/media/43347.pdf.

Officers of MLPF&S or one or more of its affiliates (other than research analysts) may have a financial interest in securities of the issuer(s) or in related investments.

MLPF&S or one of its affiliates is a regular issuer of traded financial instruments linked to securities that may have been recommended in this report. MLPF&S or one of its affiliates may, at any time, hold a trading position (long or short) in the securities and financial instruments discussed in this report.

BofA Merrill Lynch, through business units other than BofA Merrill Lynch Global Research, may have issued and may in the future issue trading ideas or recommendations that are inconsistent with, and reach different conclusions from, the information presented in this report. Such ideas or recommendations reflect the different time frames, assumptions, views and analytical methods of the persons who prepared them, and BofA Merrill Lynch is under no obligation to ensure that such other trading ideas or recommendations are brought to the attention of any recipient of this report.

In the event that the recipient received this report pursuant to a contract between the recipient and MLPF&S for the provision of research services for a separate fee, and in connection therewith MLPF&S may be deemed to be acting as an investment adviser, such status relates, if at all, solely to the person with whom MLPF&S has contracted directly and does not extend beyond the delivery of this report (unless otherwise agreed specifically in writing by MLPF&S). MLPF&S is and continues to act solely as a broker-dealer in connection with the execution of any transactions, including transactions in any securities mentioned in this report.

Copyright and General Information regarding Research Reports:

Copyright 2015 Merrill Lynch, Pierce, Fenner & Smith Incorporated. All rights reserved. This research report is prepared for the use of BofA Merrill Lynch clients and may not be redistributed, retransmitted or disclosed, in whole or in part, or in any form or manner, without the express written consent of BofA Merrill Lynch. BofA Merrill Lynch research reports are distributed simultaneously to internal and client websites and other portals by BofA Merrill Lynch and are not publicly-available materials. Any unauthorized use or disclosure is prohibited. Receipt and review of this research report constitutes your agreement not to redistribute, retransmit, or disclose to others the contents, opinions, conclusion, or information contained in this report (including any investment recommendations, estimates or price targets) without first obtaining expressed permission from an authorized officer of BofA Merrill Lynch.

Materials prepared by BofA Merrill Lynch Global Research personnel are based on public information. Facts and views presented in this material have not been reviewed by, and may not reflect information known to, professionals in other business areas of BofA Merrill Lynch, including investment banking personnel. BofA Merrill Lynch has established information barriers between BofA Merrill Lynch Global Research and certain business groups. As a result, BofA Merrill Lynch does not disclose certain client relationships with, or compensation received from, such companies in research reports. To the extent this report discusses any legal proceeding or issues, it has not been prepared as nor is it intended to express any legal conclusion, opinion or advice. Investors should consult their own legal advisers as to issues of law relating to the subject matter of this report. BofA Merrill Lynch Global Research personnel's knowledge of legal proceedings in which any BofA Merrill Lynch entity and/or its directors, officers and employees may be plaintiffs, defendants, co-defendants or co-plaintiffs with or involving c

known to, professionals in other business areas of BofA Merrill Lynch in connection with the legal proceedings or matters relevant to such proceedings.

This report has been prepared independently of any issuer of securities mentioned herein and not in connection with any proposed offering of securities or as agent of any issuer of any securities. None of MLPF&S, any of its affiliates or their research analysts has any authority whatsoever to make any representation or warranty on behalf of the issuer(s). BofA Merrill Lynch Global Research policy prohibits research personnel from disclosing a recommendation, investment rating, or investment thesis for review by an issuer prior to the publication of a research report containing such rating, recommendation or investment thesis.

Any information relating to the tax status of financial instruments discussed herein is not intended to provide tax advice or to be used by anyone to provide tax advice. Investors are urged to seek tax advice based on their particular circumstances from an independent tax professional.

The information herein (other than disclosure information relating to BofA Merrill Lynch and its affiliates) was obtained from various sources and we do not guarantee its accuracy. This report may contain links to third-party websites. BofA Merrill Lynch is not responsible for the content of any third-party website or any linked content contained in a third-party website. Content contained on such third-party websites is not part of this report and is not incorporated by reference into this report. The inclusion of a link in this report does not imply any endorsement by or any affiliation with BofA Merrill Lynch. Access to any third-party website is at your own risk, and you should always review the terms and privacy policies at third-party websites before submitting any personal information to them. BofA Merrill Lynch is not responsible for such terms and privacy policies and expressly disclaims any liability for them.

All opinions, projections and estimates constitute the judgment of the author as of the date of the report and are subject to change without notice. Prices also are subject to change without notice. BofA Merrill Lynch is under no obligation to update this report and BofA Merrill Lynch's ability to publish research on the subject company(ies) in the future is subject to applicable quiet periods. You should therefore assume that BofA Merrill Lynch will not update any fact, circumstance or opinion contained in this report.

Certain outstanding reports may contain discussions and/or investment opinions relating to securities, financial instruments and/or issuers that are no longer current. Always refer to the most recent research report relating to a company or issuer prior to making an investment decision.

In some cases, a company or issuer may be classified as Restricted or may be Under Review or Extended Review. In each case, investors should consider any investment opinion relating to such company or issuer (or its security and/or financial instruments) to be suspended or withdrawn and should not rely on the analyses and investment opinion(s) pertaining to such issuer (or its securities and/or financial instruments) nor should the analyses or opinion(s) be considered a solicitation of any kind. Sales persons and financial advisors affiliated with MLPF&S or any of its affiliates may not solicit purchases of securities or financial instruments that are Restricted or Under Review and may only solicit securities under Extended Review in accordance with firm policies

Neither BofA Merrill Lynch nor any officer or employee of BofA Merrill Lynch accepts any liability whatsoever for any direct, indirect or consequential damages or losses arising from any use of this report or its contents.

Research Analysts

US

David Woo

FX and Rates Strategist MLPF&S +1 646 855 5442 david.woo@baml.com

Ralph Axel Rates Strategist MLPF&S +1 646 855 6226

+1 646 855 6226 ralph.axel@baml.com

Ruslan Bikbov Rates Strategist MLPF&S +1 646 855 9770 ruslan.bikbov@baml.com

Shyam S.Rajan Rates Strategist MLPF&S +1 646 855 9808 shyam.rajan@baml.com

John Shin FX Strategist MLPF&S +1 646 855 9342 joong.s.shin@baml.com

lan Gordon FX Strategist MLPF&S +1 646 855 8749 ian.gordon@baml.com

Vadim laralov FX Strategist MLPF&S +1 646 855 8732 vadim.iaralov@baml.com

Europe Ralf Preusser, CFA

Ralf Preusser, CFA Rates Strategist MLI (UK) +44 20 7995 7331 ralf.preusser@baml.com

Ruben Segura-Cayuela Europe Economist MLI (UK) +44 20 7995 2102 ruben.segura-cayuela@baml.com

Mark Capleton Rates Strategist MLI (UK) +44 20 7995 6118 mark.capleton@baml.com

Sphia Salim Rates Strategist MLI (UK) +44 20 7996 2227 sphia.salim@baml.com

Athanasios Vamvakidis FX Strategist MLI (UK)

+44 20 7995 0790 athanasios.vamvakidis@baml.com

Kamal Sharma FX Strategist MLI (UK) +44 20 7996 4855 ksharma32@baml.com

Myria Kyriacou FX Strategist MLI (UK) +44 20 7996 1728 myria.kyriacou@baml.com

Pac Rim

Tony Morriss

Rates Strategist Merrill Lynch (Australia) +61 2 9226 5023 tony.morriss@baml.com

Adarsh Sinha FX Strategist Merrill Lynch (Hong Ko

Merrill Lynch (Hong Kong) +852 3508 7155 adarsh.sinha@baml.com

Shuichi Ohsaki Rates Strategist Merrill Lynch (Japan) +81 3 6225 7747 shuichi.ohsaki@baml.com

Yang Chen Rates Strategist Merrill Lynch (Hong Kong)

Merrill Lynch (Hong Kong +852 3508 8695 ychen8@baml.com

Shusuke Yamada, CFA FX Strategist Merrill Lynch (Japan) +81 3 6225 8515 shusuke.yamada@baml.com

Global Emerging Markets

Alberto Ades

GEM FI/FX Strategy, Economist MLPF&S +1 646 855 4044 alberto.ades@baml.com

Claudio Irigoyen LatAm FI/FX Strategy/Economist MLPF&S +1 646 855 1734 claudio.irigoyen@baml.com

David Hauner, CFA EEMEA Cross Asset Strategist MLI (UK) +44 20 7996 1241 david.hauner@baml.com

Claudio Piron Emerging Asia FI/FX Strategist Merrill Lynch (Singapore) +65 6591 0401

claudio.piron@baml.com

Trading ideas and investment strategies discussed herein may give rise to significant risk and are not suitable for all investors. Investors should have experience in FX markets and the financial resources to absorb any losses arising from applying these ideas or strategies.