

Emerging Insight

Türkiye trip – 1Q pessimism out summer optimism in

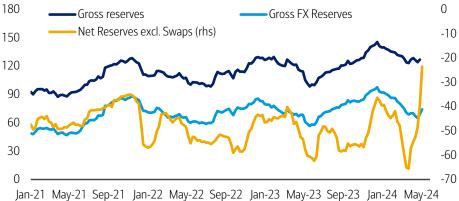
Key takeaways

- · Tighter policy and support for the new economic program has turned both locals and foreign investors more positive.
- Real sector notes a considerable slowdown in the economy while banks see dedollarization starting.
- · Crowded positioning in TRY and inflation inertia are the major concerns. We see more positivism if data continues to improve.

By Zumrut Imamoglu

Exhibit 1: CBT Reserves, USD bn

Net reserves excluding swaps increased to -\$23.6bn



Source: Haver, CBT

BofA GLOBAL RESEARCH

Türkiye in Focus – 1Q pessimism out summer optimism in

Private sector now feels the slowdown in the economy and believe that the monetary stance is tight enough. Fiscal package is only a first and if effective, fiscal measures can push the budget deficit below 5% this year. CBRT accumulated more reserves than it lost since start of the year. Domestic speculative flows to FX reversed, foreign and domestic flows keep pressure off the currency despite the \$49bn net position improvement since the local elections. Feedback from our investor roadshow with 40+ accounts show that TRY and TurkGB exposure is widespread and minimal risk seen over the summer. Crowded positioning in TRY and inflation inertia are the major concerns.

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 relevant markets and the financial resources to absorb any losses arising from applying these ideas or strategies.

>> Employed by a non-US affiliate of BofAS and is not registered/qualified as a research analyst under the FINRA rules.

Refer to "Other Important Disclosures" for information on certain BofA Securities entities that take responsibility for the information herein in particular jurisdictions.

BofA Securities does and seeks to do business with issuers 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 6 to 8. 12697575

Timestamp: 20 May 2024 01:44AM EDT

20 May 2024

GEM Fixed Income Strategy & **Economics** Global

Zumrut Imamoglu

Turkey & Israel Economist MLI (UK) +44 77 4972 7494 zumrut.imamoglu@bofa.com

David Hauner, CFA >> Global EM FI/FX Strategist MLL(UK) david.hauner@bofa.com

Claudio Irigoyen Global Economist claudio.irigoyen@bofa.com

See Team Page for List of Analysts

Domestic demand finally slowing down

Real sector feedback on our trip suggested that domestic demand is slowing down and the tightness of the monetary policy is being more clearly felt. Some banks cannot fill the loan growth caps of 2% per month neither on consumer nor commercial side. 13-week moving average consumer loan growth hovers around 33% annualized as of May (Exhibit 3) and total local currency loan growth decelerated from a high of 47% to 29%. Commercial loan growth is down from 32% to 18%. However, FX loan growth accelerated as FX stability is allowing for more risk taking (Exhibit 8). In addition, card spending clearly exceeded quarterly inflation in 1Q and the momentum continues (Exhibit 2). Although macroprudential measures have been very effective on TRY loan growth, CBRT might bring new measures to curb FX loan growth and credit card spending if inflation inertia proves stronger than expected in the coming months. We think that slowdown in the economy will continue into the summer.

Speculative FX demand reversed, de-dollarization started

Since the local elections, domestic FX demand reversed and banks we spoke to in our trip said they were seeing retail and corporates on the selling side. Retail unwinding of KKMs accelerated and some corporates are borrowing in FX rather than TRY. Exchange rate stability is making TRY deposits more attractive now given that interest rates are 50% or above for 1-month deposits and higher than 60% for 3-month or longer tenors (Exhibit 7). The de-dollarisation trend could continue during the summer if TRY stability continues. Given the high level of inflation, we expect some nominal depreciation to start again when capital inflows slow down. However, we continue to believe that the currency will beat the forwards at least until winter. We see USDTRY at 38 at year-end.

The CBRT net foreign asset position had worsened \$30bn from start of the year until the local elections. Since then, it has accumulated \$49bn back. The increase is a mix of local de-dollarisation, capital inflows as well as increase in gold reserves. We see c. \$6bn net purchases in bonds and equities since the elections and c. \$14bn potential increase in offshore swaps¹.

Exhibit 2: QoQ card spending vs. qoq inflation %Card spending in 1Q is in-line with inflation unlike last year before elections



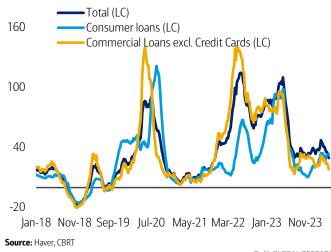
Source: Haver, CBRT, TurkStat *2Q24 shows Apr-May average increase from previous quarter and expected quarterly inflation

BofA GLOBAL RESEARCH

Deceleration in LC credit started following macroprudentials in March

Total (LC)

Exhibit 3: Local currency (LC) loan growth, annualized 13-week ma



BofA GLOBAL RESEARCH

Strong capital inflows make it hard to control TRY liquidity

CBRT has changed its reserve building strategy, in our opinion, and is more concerned about keeping TRY liquidity conditions tight and strengthening the monetary



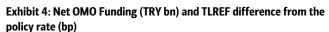
¹ Calculated as the change in off-balance sheet position of banks, excluding swaps with the CBRT and may not completely reflect offshore swaps.

transmission mechanism. To achieve this, the FX swaps with local banks have been reduced from a peak of \$58.4bn at end of March to \$25.4bn in May. Exhibit 6 shows the swap transactions via traditional auctions where maturities are mostly 1 month and 3 months. We see that CBRT has not been opening as many auctions as in the past and therefore, closing the maturing swaps. However, reserve building due to strong capital inflows have pushed onshore TRY liquidity to excess levels again and we see TLRef below the upper band of 53% more often recently (Exhibit 4).

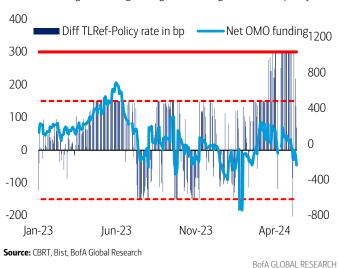
CBRT will likely continue to decrease its swaps with banks to reduce liquidity in the system. However, if capital inflows to TRY assets continue, it might have to strengthen its sterilization tools. Depo auctions help sterilize at the 50% policy rate rather than the lower band of 47%. The other option is to accumulate less reserves, but this could cause more appreciation in the currency causing pressure on the current account deficit or could cause a dollarisation trend again among locals. Although capital inflows into TRY assets are more than welcome after a long break, it certainly comes with its own challenges when it is intensified.

What are the risks?

We believe that the optimism we are witnessing both on the local side during our trip and among the foreign investors during our roadshow last week is here to stay at least over the summer. From our talks, we think that the biggest concern on both sides is inflation inertia. It is not yet clear whether the slowdown observed is enough to bring inflation near or below market expectations of 44%. We see inflation at 42% this year and CBRT has a forecast of 38%. We think that CBRT would not hesitate to act if it sees substantial deviation from their forecast path. This can be through further macroprudentials on credit cards and FX loans, or more hikes if needed. The other concern we heard is on the positioning getting crowded. Given the still low ownership levels in TurkGBs, we don't think this is a major concern. On TRY, indeed positioning is building but we don't see a trigger to unwind as long as data continue to show further disinflation trend and correction in the current account balance.

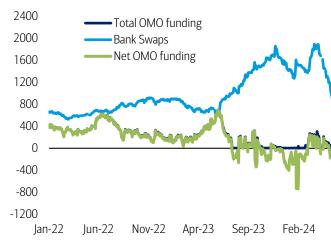


Net OMO funding turned negative again indicating excess TRY liquidity





Decrease in bank swaps help manage TRY liquidity but more is needed



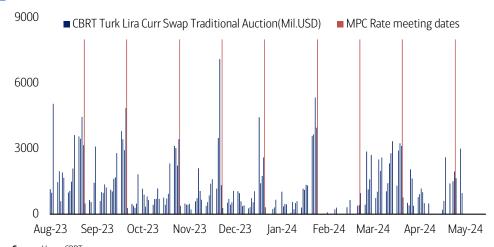
Source: CBRT

BofA GLOBAL RESEARCH



Exhibit 6: Bank swaps with the CBRT (USD mil)

Less auctions recently



Source: Haver, CBRT

BofA GLOBAL RESEARCH

BofA GLOBAL RESEARCH

Exhibit 7: Bank deposit and loan rates %

Some easing in rates lately

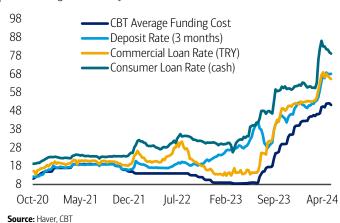


Exhibit 8: FX loans and FX deposits (USD bn)

FX loans are accelerating

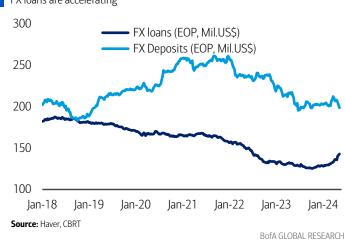
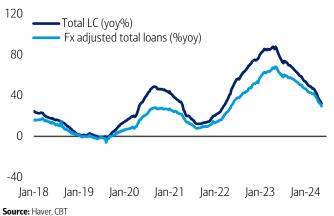


Exhibit 9: Total loan growth yoy %

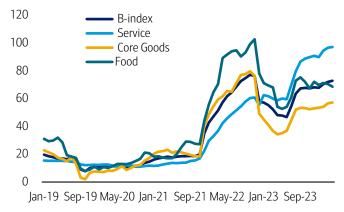
Loan growth slowdown continues yoy.



r, CBT BofA GLOBAL RESEARCH

Exhibit 10: Core inflation and components %

Inertia biggest risk to inflation outlook.



Source: Haver, TurkStat

BofA GLOBAL RESEARCH



Special Disclosures

Some of the securities discussed herein should only be considered for inclusion in accounts qualified for high risk investment.



Disclosures

Important Disclosures

BofA Global 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. The analyst(s) responsible for this report may also receive compensation based upon, among other factors, the overall profitability of the Bank's sales and trading businesses relating to the class of securities or financial instruments for which such analyst is responsible.

BofA Securities fixed income 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

Prices are indicative and for information purposes only. Except as otherwise stated in the report, for any recommendation in relation to an equity security, the price referenced is the publicly traded price of the security as of close of business on the day prior to the date of the report or, if the report is published during intraday trading, the price referenced is indicative of the traded price as of the date and time of the report and in relation to a debt security (including equity preferred and CDS), prices are indicative as of the date and time of the report and are from various sources including BofA Securities trading desks.

The date and time of completion of the production of any recommendation in this report shall be the date and time of dissemination of this report as recorded in the report timestamp.

This report may refer to fixed income securities or other financial instruments that may not be offered or sold in one or more states or jurisdictions, or to certain categories of investors, including retail investors. Readers of this report are advised that any discussion, recommendation or other mention of such instruments is not a solicitation or offer to transact in such instruments. Investors should contact their BofA Securities representative or Merrill Global Wealth Management financial advisor for information relating to such instruments. 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 OR OTHER FINANCIAL INSTRUMENTS 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 or other financial instruments 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 instruments are exempt from registration or have been qualified for sale.

Officers of BofAS 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 or other financial instruments discussed herein, may not be eligible for distribution or sale in all countries or to certain categories of investors, including retail investors.

Individuals identified as economists do not function as research analysts under U.S. law and reports prepared by them are not research reports under applicable U.S. rules and regulations. Macroeconomic analysis is considered investment research for purposes of distribution in the U.K. under the rules of the Financial Conduct Authority.

Refer to BofA Global Research policies relating to conflicts of interest.

"BofA Securities" includes BofA Securities, Inc. ("BofAS") and its affiliates. Investors should contact their BofA Securities representative or Merrill Global Wealth Management financial advisor if they have questions concerning this report or concerning the appropriateness of any investment idea described herein for such investor. "BofA Securities" is a global brand for BofA Global Research.

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

BofAS and/or Merrill Lynch, Pierce, Fenner & Smith Incorporated ("MLPF&S") may in the future distribute, information of the following non-US affiliates in the US (short name: legal name, regulator): Merrill Lynch (South Africa): Merrill Lynch South Africa (Pty) Ltd., regulated by The Financial Service Board; MLI (UK): Merrill Lynch International, regulated by the Financial Conduct Authority (FCA) and the Prudential Regulation Authority (PRA); BofASE (France): BofA Securities Europe SA is authorized by the Autorité de Contrôle Prudentiel et de Résolution (ACPR) and regulated by the ACPR and the Autorité des Marchés Financiers (AMF). BofA Securities Europe SA ("BofASE") with registered address at 51, rue La Boétie, 75008 Paris is registered under no 842 602 690 RCS Paris. In accordance with the provisions of French Code Monétaire et Financier (Monetary and Financial Code), BofASE is an établissement de crédit et d'investissement (credit and investment institution) that is authorised and supervised by the European Central Bank and the Autorité de Contrôle Prudentiel et de Résolution (ACPR) and regulated by the ACPR and the Autorité des Marchés Financiers. BofASE's share capital can be found at www.bofaml.com/BofASEdisclaimer; BofA Europe (Milan): Bank of America Europe Designated Activity Company, Milan Branch, regulated by the Bank of Italy, the European Central Bank (ECB) and the Central Bank of Ireland (CBI); BofA Europe (Frankfurt): Bank of America Europe Designated Activity Company, Frankfurt Branch regulated by BaFin, the ECB and the CBI; BofA Europe (Madrid): Bank of America Europe Designated Activity Company, Sucursal en España, regulated by the Bank of Spain, the ECB and the CBI; Merrill Lynch (Australia): Merrill Lynch (Australia): Merrill Lynch (Hong Kong): Merrill (Hong Kong): Merr (Asia Pacific) Limited, regulated by the Hong Kong Securities and Futures Commission (HKSFC); Merrill Lynch (Singapore): Merrill Lynch (Singapore) Pte Ltd, regulated by the Monetary Authority of Singapore (MAS); Merrill Lynch (Canada): Merrill Lynch Canada Inc, regulated by the Canadian Investment Regulatory Organization; Merrill Lynch (Mexico): Merrill Lynch Mexico, SA de CV, Casa de Bolsa, regulated by the Comisión Nacional Bancaria y de Valores; BofÁS Japan: BofA Securities Japan Co., Ltd., regulated by the Financial Services Agency; Merrill Lynch (Seoul): Merrill Lynch International, LLC Seoul Branch, regulated by the Financial Supervisory Service; Merrill Lynch (Taiwan): Merrill Lynch Securities (Taiwan) Ltd., regulated by the Securities and Futures Bureau; BofAS India: BofA Securities India Limited, regulated by the Securities and Exchange Board of India (SEBI); Merrill Lynch (Israel): Merrill Lynch Israel Limited, regulated by Israel Securities Authority; Merrill Lynch (DIFC): Merrill Lynch International (DIFC Branch), regulated by the Dubai Financial Services Authority (DFSA); Merrill Lynch (Brazil): Merrill Lynch SA. Corretora de Títulos e Valores Mobiliários, regulated by Comissão de Valores Mobiliários; Merrill Lynch KSA Company: Merrill Lynch Kingdom of Saudi Arabia Company, regulated by the Capital Market Authority. This information: has been approved for publication and is distributed in the United Kingdom (UK) to professional clients and eligible counterparties (as each is defined in the rules of the FCA and the PRA) by MLI (UK), which is authorized by the PRA and regulated by the FCA and the PRA - details about the extent of our regulation by the FCA and PRA are available from us on request; has been approved for publication and is distributed in the European Economic Area (EEA) by BofASE (France), which is authorized by the ACPR and regulated by the ACPR and the AMF; has been considered and distributed in Japan by BofAS Japan, a registered securities dealer under the Financial Instruments and Exchange Act in Japan, or its permitted affiliates; is issued and distributed in Hong Kong by Merrill Lynch (Hong Kong) which is regulated by HKSFC; is issued and distributed in Taiwan by Merrill Lynch (Taiwan); is issued and distributed in India by BofAS India; 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 (Singapore) (Company Registration No 198602883D). Merrill Lynch (Singapore) is regulated by MAS. Merrill Lynch Equities (Australia) Limited (ABN 65 006 276 795), AFS License 235132 (MLEA) distributes this information in Australia only to 'Wholesale' clients as defined by s.761G of the Corporations Act 2001. With the exception of Bank of America N.A., Australia Branch, neither MLEA nor any of its affiliates involved in preparing this information 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 information in Brazil and its local distribution is by Merrill Lynch (Brazil) in accordance with applicable regulations. Merrill Lynch (DIFC) is authorized and regulated by the DFSA. Information prepared and issued by Merrill Lynch (DIFC) is done so in accordance with the requirements of the DFSA conduct of business rules. BofA Europe (Frankfurt) distributes this information in Germany and is regulated by BaFin, the ECB and the CBI. BofA Securities entities, including BofA Europe and BofASE (France), may outsource/delegate the marketing and/or provision of certain research services or aspects of research services to other branches or members of the BofA Securities group. You may be contacted by a different BofA Securities entity acting for and on behalf of your service provider where permitted by applicable law. This does not change your service provider. Please refer to the Electronic Communications Disclaimers for further information.

This information has been prepared and issued by BofAS and/or one or more of its non-US affiliates. The author(s) of this information may not be licensed to carry on regulated activities in your



jurisdiction and, if not licensed, do not hold themselves out as being able to do so. BofAS and/or MLPF&S is the distributor of this information in the US and accepts full responsibility for information distributed to BofAS and/or MLPF&S clients in the US by its non-US affiliates. Any US person receiving this information and wishing to effect any transaction in any security discussed herein should do so through BofAS and/or MLPF&S and not such foreign affiliates. Hong Kong recipients of this information should contact Merrill Lynch (Asia Pacific) Limited in respect of any matters relating to dealing in securities or provision of specific advice on securities or any other matters arising from, or in connection with, this information. Singapore recipients of this information should contact Merrill Lynch (Singapore) Pte Ltd in respect of any matters arising from, or in connection with, this information. For clients that are not accredited investors, expert investors or institutional investors Merrill Lynch (Singapore) Pte Ltd accepts full responsibility for the contents of this information distributed to such clients in Singapore.

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 Securities. This document provides general information only, and has been prepared for, and is intended for general distribution to, BofA Securities clients. 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 document 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, and is not directed to, any specific person(s). This document and its content do not constitute, and should not be considered to constitute, investment advice for purposes of ERISA, the US tax code, the Investment Advisers Act or otherwise. Investors should seek financial advice regarding the appropriateness of investing in financial instruments and implementing investment strategies discussed or recommended in this document 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 document.

Securities and other financial instruments referred to herein, or recommended, offered or sold by BofA Securities, 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. Digital assets are extremely speculative, volatile and are largely unregulated. 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 Securities 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.

Certain investment strategies and financial instruments discussed herein may only be appropriate for consideration in accounts qualified for high risk investment.

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.

BofAS or one of its affiliates is a regular issuer of traded financial instruments linked to securities that may have been recommended in this report. BofAS 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 Securities, through business units other than BofA 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 herein. Such ideas or recommendations may reflect different time frames, assumptions, views and analytical methods of the persons who prepared them, and BofA Securities is under no obligation to ensure that such other trading ideas or recommendations are brought to the attention of any recipient of this information. In the event that the recipient received this information pursuant to a contract between the recipient and BofAS for the provision of research services for a separate fee, and in connection therewith BofAS may be deemed to be acting as an investment adviser, such status relates, if at all, solely to the person with whom BofAS has contracted directly and does not extend beyond the delivery of this report (unless otherwise agreed specifically in writing by BofAS). If such recipient uses the services of BofAS in connection with the sale or purchase of a security referred to herein, BofAS may act as principal for its own account or as agent for another person. BofAS is and continues to act solely as a broker-dealer in connection with the execution of any transactions, including transactions in any securities referred to herein.

Copyright and General Information:

Copyright 2024 Bank of America Corporation. All rights reserved. iQdatabase® is a registered service mark of Bank of America Corporation. This information is prepared for the use of BofA Securities 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 Securities. BofA Global Research information is distributed simultaneously to internal and client websites and other portals by BofA Securities and is not publicly-available material. Any unauthorized use or disclosure is prohibited. Receipt and review of this information constitutes your agreement not to redistribute, retransmit, or disclose to others the contents, opinions, conclusion, or information contained herein (including any investment recommendations, estimates or price targets) without first obtaining express permission from an authorized officer of BofA Securities. Materials prepared by BofA 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 Securities, including investment banking personnel. BofA Securities has established information barriers between BofA Global Research and certain business groups. As a result, BofA Securities does not disclose certain client relationships with, or compensation received from, such issuers. To the extent this material 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 material. BofA Global Research personnel's knowledge of legal proceedings in which any BofA Securities entity and/or its directors, officers and employees may be plaintiffs, defendants, co-defendants or co-plaintiffs with or involving issuers mentioned in this material is based on public inform

This information 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 BofAS 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 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 Securities and its affiliates) was obtained from various sources and we do not guarantee its accuracy. This information may contain links to third-party websites. BofA Securities 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 information and is not incorporated by reference. The inclusion of a link does not imply any endorsement by or any affiliation with BofA Securities. 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 Securities 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 publication and are subject to change without notice. Prices also are subject to change without notice. BofA Securities is under no obligation to update this information and BofA Securities ability to publish information on the subject issuer(s) in the future is subject to applicable quiet periods. You should therefore assume that BofA Securities will not update any fact, circumstance or opinion contained herein.

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

In some cases, an 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 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 BofAS 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 Securities nor any officer or employee of BofA Securities accepts any liability whatsoever for any direct, indirect or consequential damages or losses arising from any use of this information.



Research Analysts

Global Economics

Claudio Irigoyen Global Economist

BofAS +1 646 855 1734

claudio.irigoyen@bofa.com

Antonio Gabriel

Global Economist

antonio.gabriel@bofa.com

Global EM FI/FX Strategy

David Hauner, CFA >>

Global EM FI/FX Strategist

+44 20 7996 1241 david.hauner@bofa.com

Asia FI/FX Strategy & Economics

Helen Qiao

China & Asia Economist Merrill Lynch (Hong Kong) +852 3508 3961

helen.giao@bofa.com

Claudio Piron Emerging Asia FI/FX Strategist Merrill Lynch (Singapore)

+65 6678 0401

claudio.piron@bofa.com

Jojo Gonzales ^^

Research Analyst Philippine Equity Partners jojo.gonzales@pep.com.ph

Abhay Gupta

Emerging Asia FI/FX Strategist Merrill Lynch (Singapore) abhay.gupta2@bofa.com

Pipat Luengnaruemitchai

Emerging Asia Economist Kiatnakin Phatra Securities pipat.luen@kkpfg.com

Miao Ouyang

China & Asia Economist Merrill Lynch (Hong Kong) miao.ouyang@bofa.com

Xiaoqing Pi

China Economist Merrill Lynch (Hong Kong) xiaoqing.pi@bofa.com

Benson Wu

China & Korea Economist Merrill Lynch (Hong Kong) benson.wu@bofa.com

Ting Him Ho. CFA

Asia Economist Merrill Lynch (Hong Kong) tinghim.ho@bofa.com

Janice Xue

Emerging Asia FI/FX Strategist Merrill Lynch (Hong Kong) ianice.xue@bofa.com

Chun Him Cheung, CFA Emerging Asia FI/FX Strategist Merrill Lynch (Hong Kong) chunhim.cheung@bofa.com

Kai Wei Ang Asia & ASEAN Economist Merrill Lynch (Singapore) kaiwei.ang@bofa.com

China & Asia Economist Merrill Lynch (Hong Kong) anna.zhou@bofa.com

EEMEA Cross Asset Strategy, Econ

Mai Doan

CEE Economist MLI (UK) +44 20 7995 9597 mai doan@hofa.com

Zumrut Imamoglu

Türkiye & Israel Economist zumrut.imamoglu@bofa.com

Vladimir Osakovskiy >>

EM Sovereign FI/EQ strategist Merrill Lynch (DIFC) vladimir.osakovskiy@bofa.com

Jean-Michel Saliba

MENA Economist/Strategist MLI (UK) jean-michel.saliba@bofa.com

Merveille Paja

EEMEA Sovereign FI Strategist MLI (UK) merveille.paja@bofa.com

Mikhail Liluashvili

EEMEA Local Markets Strategist MLI (UK) mikhail.liluashvili@bofa.com

Tatonga Rusike

Sub-Saharan Africa Economist tatonga.rusike@bofa.com

LatAm FI/FX Strategy & Economics

David Beker >>

Bz Econ/FI & LatAm EO Strategy Merrill Lynch (Brazil) +55 11 2188 4371 david.beker@bofa.com

Jane Brauer

Sovereign Debt FI Strategist **BofAS** +1 646 855 9388 jane.brauer@bofa.com

Carlos Capistran

Canada and Mexico Economist **BofAS** +1 646 743 2921 carlos.capistran@bofa.com

Ezequiel Aguirre

LatAm FI/FX Strategist **BofAS** ezequiel.aguirre2@bofa.com

Pedro Diaz

Caribbean Economist RofAS pdiaz2@bofa.com

Christian Gonzalez Rojas

LatAm Local Markets Strategist christian.gonzalezrojas@bofa.com

Lucas Martin, CFA

Sovereign Debt FI Strategist **BofAS** lucas.martin@bofa.com

Alexander Müller

Andean(ex-Ven) Carib Economist alexander.muller@bofa.com

Natacha Perez

Brazil Economist Merrill Lynch (Brazil) natacha.perez@bofa.com

Sebastian Rondeau

Southern Cone & Venz Economist sebastian.rondeau@bofa.com

BofA Securities participated in the preparation of this report, in part, based on information provided by Philippine Equity Partners, Inc. (Philippine Equity Partners). ^^Philippine Equity Partners employees are not registered/qualified as research analysts under FINRA rules.

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 relevant markets and the financial resources to absorb any losses arising from applying these ideas or strategies.

>> Employed by a non-US affiliate of BofAS and is not registered/qualified as a research analyst under the FINRA rules.

Refer to "Other Important Disclosures" for information on certain BofA Securities entities that take responsibility for the information herein in particular

