

European Fund Manager Survey

EU-rresistible

German stimulus plans boost EU growth expectations

A net 60% of respondents expect stronger European growth over the coming twelve months, up from 9% two months ago and close to the high seen last May, with a large majority considering German fiscal stimulus as the main catalyst for stronger growth, followed by EU defense spending.

Global growth expected to slow with the US the key drag

A net 44% project the global economy to weaken over the next twelve months (up from 2% last month), opening up the largest gap to European growth expectations in at least 30 years. 83% of investors expect US growth to slow in the near term, up from 28% last month. However, recession concerns remain low, with 64% seeing a soft-landing as the most likely scenario, followed by 19% seeing a no landing and 11% a hard landing. A majority now expect the Trump administration to have a negative impact on growth and a positive impact on inflation, effectively anticipating a stagflationary environment (while last month a majority called for a higher-for-longer regime of robust growth and sticky inflation). 69% think the theme of US exceptionalism has peaked. A net 12% see upside for 10-year bond yields, the highest reading since August 2022.

Record rotation out of the US & into European equities

A net 39% say they are overweight European equities relative to global markets, up from 12% last month and the biggest overweight since mid-2021. A net 23% report being underweight US equities now, the highest share since mid-2023, while in February a net 17% said they were overweight. This constitutes the sharpest rotation out of the US and into Europe on record (with data going back to 1999). However, in terms of the outlook for absolute performance, investor bullishness has cooled somewhat, with a net 30% expecting further near-term gains for European equities, down from 66% last month, and a net 67% projecting upside over the coming twelve months, down from 76%.

New interest in small caps, more crowding into financials

A net 50% of respondents see further upside for European cyclicals versus defensives, up from 28% last month, with cyclical optimism now extending to small caps, with a net 37% expecting small caps to outperform large caps, the highest share in more than three years. Positioning in financials increased, with banks and insurance solidifying their spots as the largest sector overweights in Europe, followed by industrials, which sees a sharp improvement in positioning, most likely driven by defense stocks. A plurality of respondents anticipates industrials to be the best performing sector in Europe this year, slightly ahead of financials. Cyclicals like retail, media and autos still dominate the sector underweights. Germany remains the most preferred equity market in Europe.

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 22 to 23.

18 March 2025

Equity Strategy Europe

Data Analytics



Andreas Bruckner >> Investment Strategist MLI (UK) +44 20 7996 1306 andreas.bruckner@bofa.com

Sebastian Raedler >> Investment Strategist MLI (UK) +44 20 7996 1749 sebastian.raedler@bofa.com

Thomas Pearce, CFA >> Investment Strategist MLI (UK) +44 20 7996 2081 tpearce@bofa.com

Paulina Strzelinska >> Quant Strategist MLI (UK) +44 20 7996 7059 paulina.strzelinska@bofa.com

Notes to readers

An overall total of 205 panellists with \$477bn AUM participated in the survey. 171 participants with \$426bn AUM responded to the global FMS questions and 107 participants with \$193bn AUM responded to the regional FMS questions.

Survey period: 7th March 2025 to 13th March 2025.

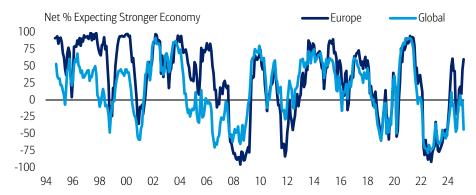
How to join the FMS panel

Investors/clients are encouraged to sign up to participate in the Survey. This can be done by contacting Michael Hartnett or your BofA sales representative.

Participants in the survey receive the full set of results for the months in which they participate.

European macro overview

Exhibit 1: A net 60% of European investors think European growth will accelerate over the coming twelve months, up from 45% last month and close to the high seen in May last year. A net 44% of global investors project global growth to slow, up from 2% and the highest since last August How do you think the region's economy will develop over the next twelve months?

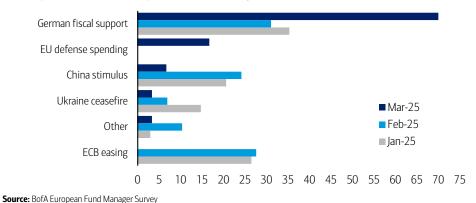


Source: BofA European & Global Fund Manager Survey

BofA GLOBAL RESEARCH

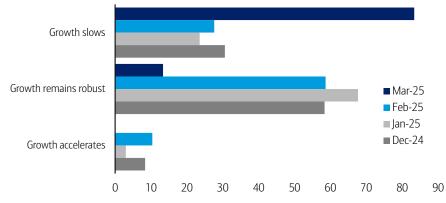
Exhibit 2: A plurality of 70% of European investors consider German fiscal stimulus as the most likely catalyst for European growth to strengthen, followed by EU defense spending at 17%

What do you see as the most likely reason for European growth to accelerate?



BofA GLOBAL RESEARCH

Exhibit 3: 83% of European investors expect US growth to slow down over the coming months, up from 28% last month, while 13% expect growth to stay robust, down from 59% previously What is the outlook for the US economy over the coming months?



Source: BofA European Fund Manager Survey

BofA GLOBAL RESEARCH

2

Exhibit 4: 63% of European investors expect China growth to flatline, up from 52% last month, while 30% expect a renewed growth acceleration, slightly higher than the 28% previously

What is your view on the outlook for China's economy over the coming months?

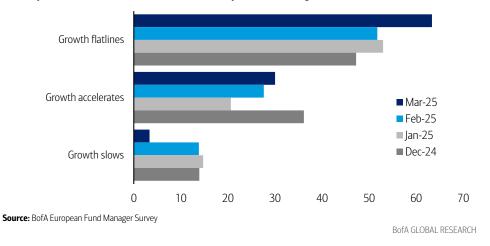


Exhibit 5: 53% of European investors expect the new Trump administration to have a negative impact on global growth and a positive impact on inflation (more than doubled last month's share)

What do you think will be the impact of the Trump administration's policies on the global macro outlook?

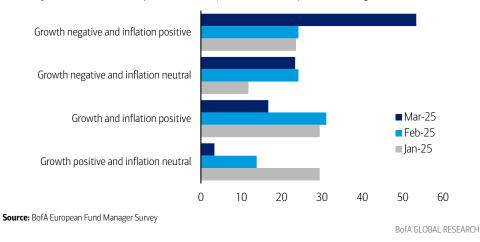


Exhibit 6: 69% of global investors think the theme of US exceptionalism has peaked

Do you think the theme of US exceptionalism has peaked?

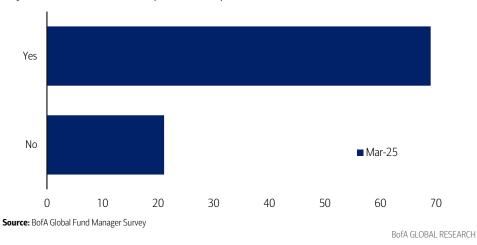




Exhibit 7: 64% of global investors see a soft landing as the most likely outcome for the global economy (up from 52% last month), with 19% expecting no landing (down from 36% previously) and 11% expecting a hard landing (up from 6% previously)

What is the most likely outcome for the global economy in the next 12 months?

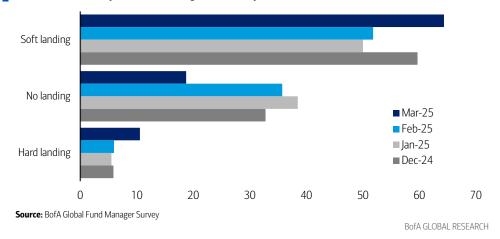
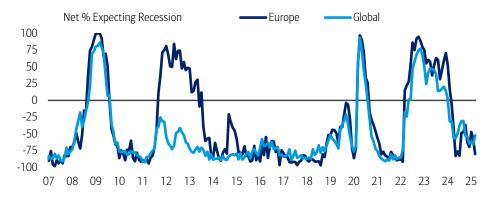


Exhibit 8: A net 52% of global investors think that the global economy will not see a recession over the next twelve months, down from 65% last month. A net 80% of European investors expect Europe to avoid a recession, up from 59% previously

How likely do you think it is that the economy in this region will see a recession over the next 12 months?

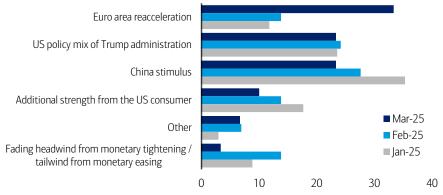


Source: BofA European & Global Fund Manager Survey

BofA GLOBAL RESEARCH

Exhibit 9: A plurality of 33% of European investors see a Euro area growth reacceleration as the biggest upside risk for global growth, up from14% last month. 23% see the Trump administration's policy mix as the biggest upside risk, broadly unchanged from last month

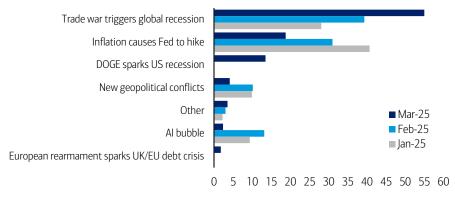
What do you view as the largest upside risk for global growth?



Source: BofA European Fund Manager Survey

Exhibit 10: A plurality of 55% of global investors consider a global trade war as the most prominent tail risk for markets, up from 39% last month, while 19% regard Fed hikes in response to renewed inflation as the biggest tail risk, down from 31% previously

What do you consider the biggest 'tail risk'?



Source: BofA Global Fund Manager Survey

BofA GLOBAL RESEARCH

Exhibit 11: A plurality of 53% of European investors expect a stagflationary backdrop, up sharply from 21% last month, while 27% expect markets to face a 'higher-for-longer' macro environment (down from 52% previously)

What regime do you expect the market to be in over the coming three months?

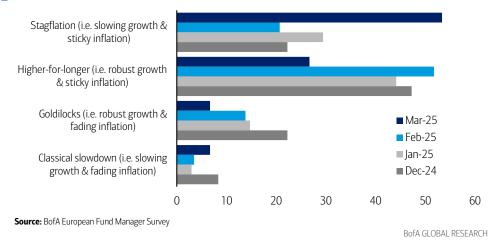


Exhibit 12: A net 7% of European investors expect lower inflation in Europe over the coming year, the lowest reading since April 2022, while a net 7% of global investors expect higher core inflation globally, versus 4% that expected lower inflation last month

In twelve months' time, do you think core consumer price inflation rate (in y-o-y terms) will be...?

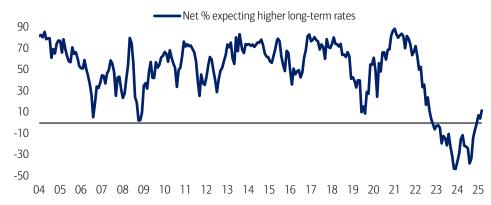


Source: BofA European & Global Fund Manager Survey



Exhibit 13: A net 12% of global investors expect higher 10-year bond yields over the coming twelve months, up from 4% last month and the highest level since August 2022

In twelve months', time, do you think global long-term interest rates (i.e. 10-year rates) will be...?



Source: BofA Global Fund Manager Survey



European equities

Exhibit 21: A net 39% of global investors say they are overweight European equities in a global allocation context, the highest since mid-2021. A net 23% report being underweight US equities, the highest since mid-2023, while a net 17% said they were overweight last month

ow overweight or underweight do you consider your position to be relative to your internal benchmark



Exhibit 14: 60% of European investors expect near-term upside for European equities, down from 76% last month, while the share that sees downside has gone up to 30% from 10% (resulting in a net 30% looking for near-term upside, versus a net 65% last month)

What is the outlook for European equities over the coming months?

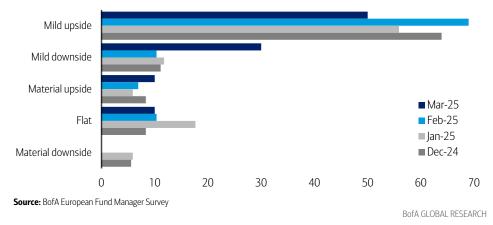


Exhibit 15: 77% of European investors see upside for European equities over the coming twelve months, down from 86% last month. On a net basis, i.e. accounting for the 10% that anticipate downside, a share of 67% expect a higher market (down from 76% last month)

How much upside do you expect for European equities over the coming twelve months?

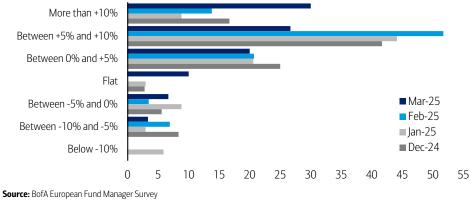




Exhibit 16: A net 13% of European investors see equities as undervalued, down from a six year high of 38% last month

Do you think that the European equity market is currently overvalued, fairly valued or undervalued?

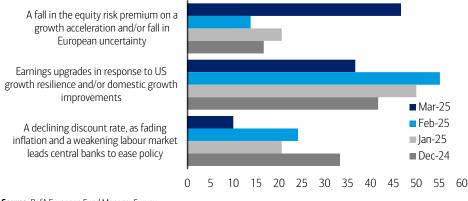


Source: BofA European Fund Manager Survey

BofA GLOBAL RESEARCH

Exhibit 17: 47% of European investors count on a fall in risk premia to drive European equities higher (up from 14% last month), while 37% see earnings upgrades as the most likely reason for equity gains (down from 55% previously)

What would be the most likely reason for European equities to move higher?

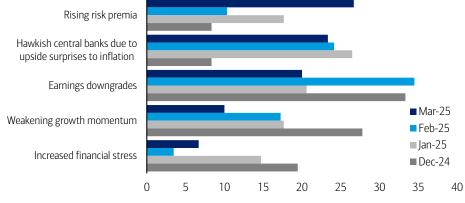


Source: BofA European Fund Manager Survey

BofA GLOBAL RESEARCH

Exhibit 19: 27% of European investors see rising risk premia as the most likely cause for a market correction (up from 10% last month), followed by hawkish central banks at 23% (little changed from last month)

What is the most likely catalyst for a correction?



Source: BofA European Fund Manager Survey

Exhibit 18: A net 70% expect upside for European 12-month forward EPS over the next twelve months (80% look for upside while 10% look for downside), down marginally from 72% last month

How much upside do you see for European 12m fwd EPS expectations over the coming twelve months?

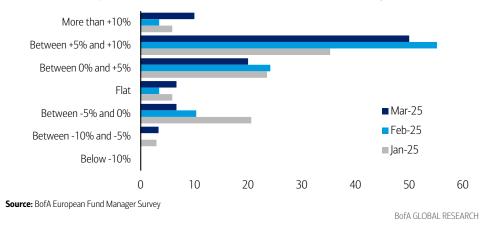
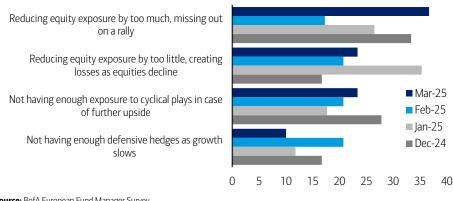


Exhibit 37: 37% of European investors judge reducing equity exposure by too much and thus missing out on the rally as the biggest portfolio risk (more than doubled from last month), while a further 23% expect reducing equity exposure by too little and thus creating losses as equity declines as the key risk (slightly up from 21% previously)

Which of the following risks are you most worried about when making portfolio decisions?

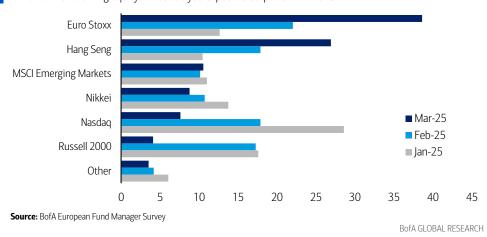


Source: BofA European Fund Manager Survey

BofA GLOBAL RESEARCH

Exhibit 20: A plurality of 39% of global investors expect the Euro Stoxx to be the best performing equity market globally this year, up from 22% last month

Which of the following equity indices do you expect to outperform in 2025?



European styles, sectors and countries

European styles

Exhibit 23: 60% of European investors expect European cyclicals to outperform defensives over the coming months (up from 45% last month), while 10% expect underperformance (down from 17% last month). On a net basis, 50% are looking for outperformance, up sharply from 28% last month What is the likely next move for European cyclicals versus defensives?

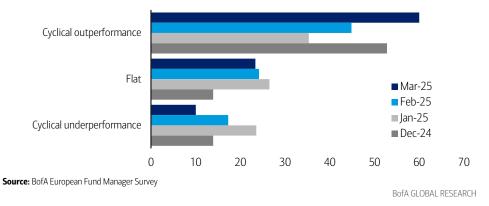


Exhibit 24: 43% of European investors project value stocks to outperform growth stocks in the months ahead (up from 24% last month), while 13% see value underperformance (down from 28% previously). On a net basis, 30% expect value outperformance, versus 4% that expected underperformance last month

What is your view on value versus growth outperformance?

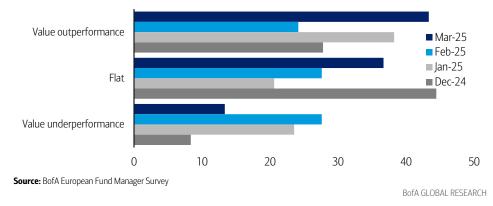


Exhibit 25: The net share of European investors expecting small cap stocks to outperform large cap stocks has risen to 37% (versus 14% that expected small caps to underperform last month), while the share that thinks high-quality stocks will outperform low quality stocks is up from 31% to 37% How do you see investment style performance in Europe over the next twelve months?



European sectors

Exhibit 26: European banks and insurance are the largest consensus sector overweights, followed by industrial goods, while retail, media and autos are the largest underweights

European sector positioning (% saying overweight-% saying underweight)

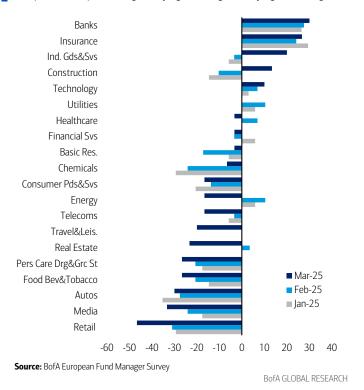
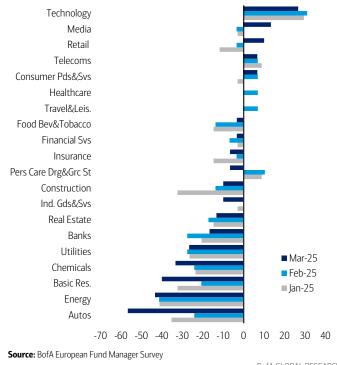


Exhibit 27: European tech, media and retail are seen as the most overvalued sectors, while autos, energy and basic resources are seen as the most undervalued

European sector valuation (% saying overvalued-% saying undervalued)



BofA GLOBAL RESEARCH

Exhibit 28: A plurality of 30% of European investors expect industrials to be the best performing sector in 2025, followed by financials and basic materials at 27% and 20%, respectively

What do you expect to be the best performing sector in European equities in 2025?

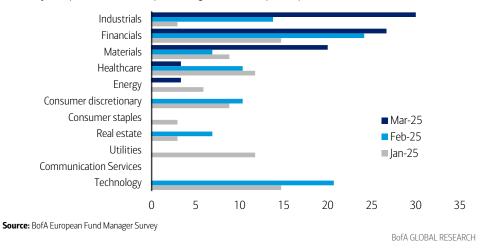
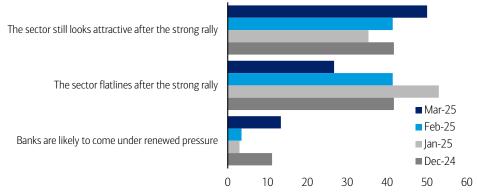




Exhibit 29: 50% of European investors think European banks still look attractive (up from 41% last month), while a further 27% expect banks to flatline after the strong rally (down from 41%) and 13% think banks are likely to come under renewed pressure (sharply up from 3% previously)

What is your view on European banks?

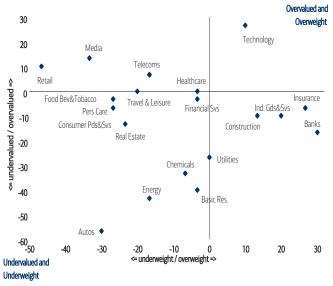


Source: BofA European Fund Manager Survey

BofA GLOBAL RESEARCH

Exhibit 30: European autos and energy are the most underweight and undervalued sectors, according to European survey respondents, while tech is the most overweight and overvalued sector

European sectors net valuation versus net positioning



Source: BofA European Fund Manager Survey

BofA GLOBAL RESEARCH

Exhibit 31: Positioning for construction, industrial goods and chemicals has improved the most from last month, while that of energy, real estate and travel & leisure has fallen the most

Month-on-month changes in FMS sector positioning and valuation

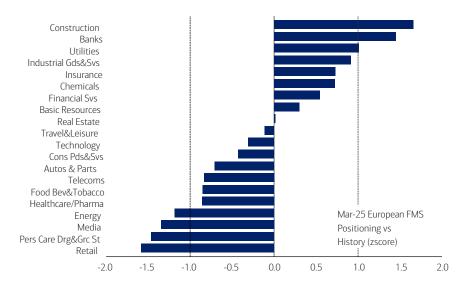
	Positioning	Valuation
Construction	23	4
Ind. Gds&Svs	23	-10
Chemicals	17	-9
Basic Res.	14	-19
Technology	3	-4
Insurance	3	-3
Banks	2	11
Financial Svs	0	4
Autos	-2	-33
Consumer Pds&Svs	-3	0
Pers Care Drg&Grc St	-6	-17
Food Bev&Tobacco	-6	10
Media	-9	17
Healthcare	-10	-7
Utilities	-10	1
Telecoms	-13	0
Retail	-16	13
Travel&Leis.	-20	-7
Real Estate	-27	4
Energy	-27	-2

Source: BofA European Fund Manager Survey



Exhibit 32: European construction and banks are the most over-owned sectors relative to history, while retail, personal care, media and energy are most under-owned

Current European sectors positioning relative to history (z-scores)



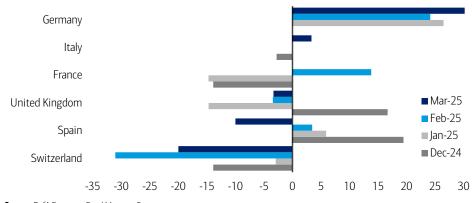
Source: BofA European Fund Manager Survey. Note: z-score based on full time series. Sector history since 2003, except: Consumer Gds & Svs (Personal&& HH Gds), Chemicals, Construction, Financial Svs, Travel & Leisure since 2006, Real estate since 2008, Personal care, drug & grocery stores since Oct 2020

BofA GLOBAL RESEARCH

European countries

Exhibit 33: Germany remains the most preferred equity market in Europe, now followed by Italy, while Switzerland is the least preferred, followed by Spain

Which equity markets would you overweight or underweight over the coming twelve months?



Source: BofA European Fund Manager Survey



Appendix

Macro & market overview

Exhibit 34: 57% of European investors expect growth in Europe to accelerate in the months ahead, up significantly from 34% last month, while 37% expect growth to remain subdued, down from 52%

What do you expect to happen to European growth momentum over the coming months?

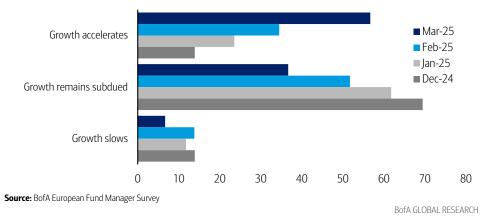


Exhibit 35: A net 30% of European investors think Europe's fiscal stance is too restrictive, close to the high of 32% in January, while a net 22% of global investors judge fiscal policy globally to be overly supportive, down from 30% last month

Given where we are in the business cycle, do you think fiscal policy in your region is currently...?



Exhibit 36: A net 27% of European investors consider European monetary policy to be too restrictive (down from 38% last month), while a net 11% of global investors think this is the case globally (down from 17% previously)

Do you think monetary policy in this region is currently...?



Source: BofA European & Global Fund Manager Survey

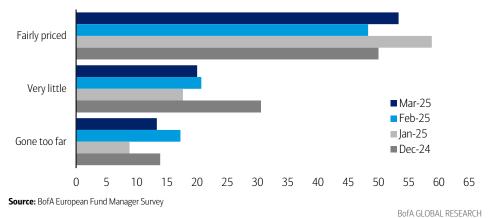
BofA GLOBAL RESEARCH



14

Exhibit 22: 53% of European investors see the positive AI effect on equities as fairly priced (up from 48% last month), while 20% think very little of the good news is priced (largely unchanged from last month) and 13% gauge the AI rally has gone too far (down from 17% previously)

How much of the positive AI effect for equities is now in the price?



Cash levels & USD sentiment

Exhibit 38: The average cash position among European investors stands at 3.8%, up from 3.0% last month, while cash levels among global investors stand at 4.1%, up from 3.5% last month

What comes closest to your current cash position in your portfolio?

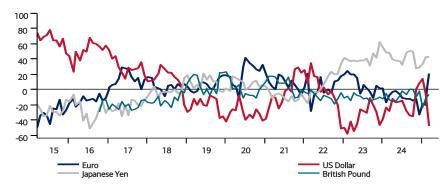


Source: BofA European & Global Fund Manager Survey

BofA GLOBAL RESEARCH

Exhibit 39: Bearish USD sentiment has grown, with a net 48% of global investors expecting the USD to weaken over the coming twelve months, up from 6% last month

Over the next twelve months, which FX do you expect to appreciate / depreciate the most on a TWI basis?



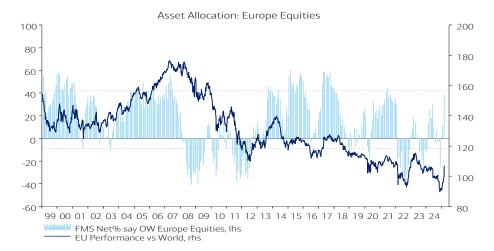
Source: BofA Global Fund Manager Survey



Europe in the global context

Exhibit 40: A net 39% of global investors say they are overweight European equities, versus 12% last month

Please indicate for each of the following equity markets, how overweight or underweight you consider your position to be relative to your internal benchmark

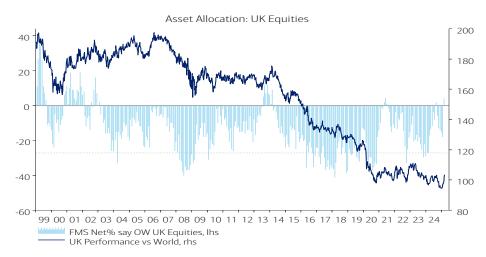


Source: BofA Global Fund Manager Survey, Datastream

BofA GLOBAL RESEARCH

Exhibit 41: A net 4% of global investors say they are overweight UK equities, versus 18% that said they were underweight last month

Please indicate for each of the following equity markets, how overweight or underweight you consider your position to be relative to your internal benchmark



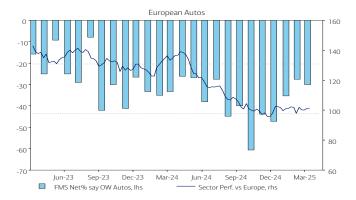
 $\textbf{Source:} \ \mathsf{BofA} \ \mathsf{Global} \ \mathsf{Fund} \ \mathsf{Manager} \ \mathsf{Survey}, \ \mathsf{Datastream}$



European sector details

Exhibit 42: European autos & parts

Net 30% of European participants say they are underweight the sector

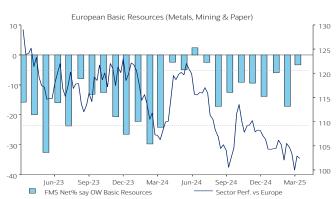


Source: BofA European Fund Manager Survey, Datastream

BofA GLOBAL RESEARCH

Exhibit 44: European basic resources

Net 3% of European participants say they are underweight the sector

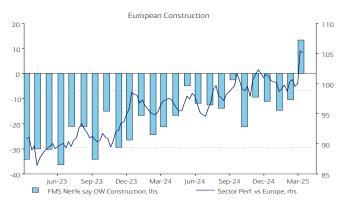


Source: BofA European Fund Manager Survey, Datastream

BofA GLOBAL RESEARCH

Exhibit 46: European construction

Net 13% of European participants say they are overweight the sector $\,$

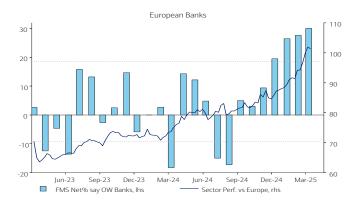


Source: BofA European Fund Manager Survey, Datastream

BofA GLOBAL RESEARCH

Exhibit 43: European banks

Net 30% of European participants say they are overweight the sector

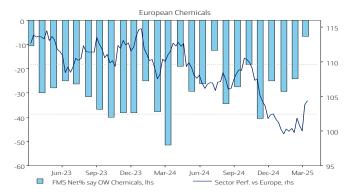


Source: BofA European Fund Manager Survey, Datastream

BofA GLOBAL RESEARCH

Exhibit 45: European chemicals

Net 7% of European participants say they are underweight the sector

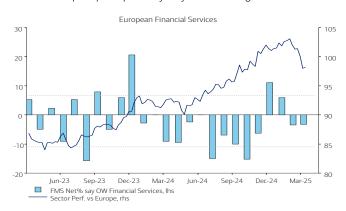


Source: BofA European Fund Manager Survey, Datastream

BofA GLOBAL RESEARCH

Exhibit 47: European financial services

Net 3% of European participants say they are underweight the sector

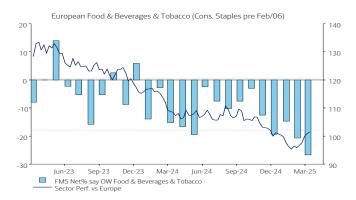


Source: BofA European Fund Manager Survey, Datastream



Exhibit 48: European food & beverages & tobacco

Net 27% of European participants say they are underweight the sector

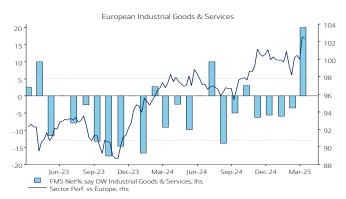


 $\textbf{Source:} \ \mathsf{BofA} \ \mathsf{European} \ \mathsf{Fund} \ \mathsf{Manager} \ \mathsf{Survey}, \mathsf{Datastream}$

BofA GLOBAL RESEARCH

Exhibit 50: European industrial goods & services

Net 20% of European participants say they are overweight the sector

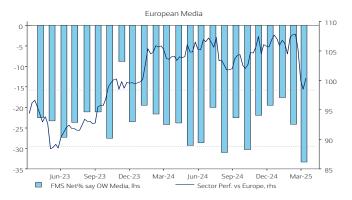


Source: BofA European Fund Manager Survey, Datastream

BofA GLOBAL RESEARCH

Exhibit 52: European media

Net 33% of European participants say they are underweight the sector

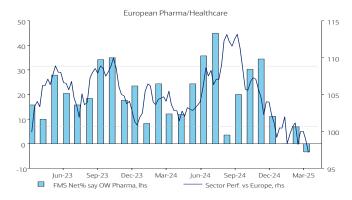


Source: BofA European Fund Manager Survey, Datastream

BofA GLOBAL RESEARCH

Exhibit 49: European healthcare

Net 3% of European participants say they are underweight the sector

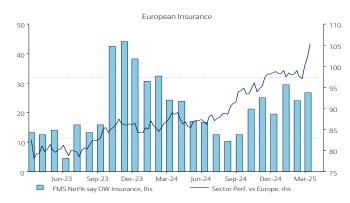


Source: BofA European Fund Manager Survey, Datastream

BofA GLOBAL RESEARCH

Exhibit 51: European insurance

Net 27% of European participants say they are overweight the sector

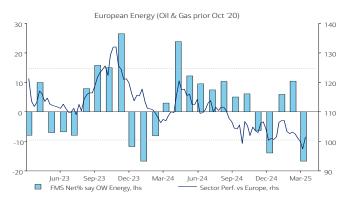


Source: BofA European Fund Manager Survey, Datastream

BofA GLOBAL RESEARCH

Exhibit 53: European energy

Net 17% of European participants say they are underweight the sector

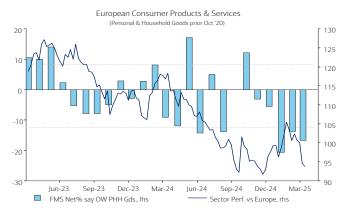


Source: BofA European Fund Manager Survey, Datastream



Exhibit 54: European consumer products & services

Net 17% of European participants say they are underweight the sector

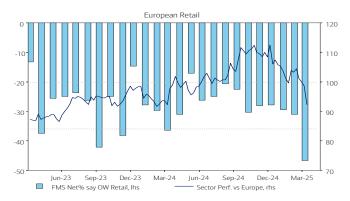


Source: BofA European Fund Manager Survey, Datastream

BofA GLOBAL RESEARCH

Exhibit 56: European retail

Net 47% of European participants say they are underweight the sector

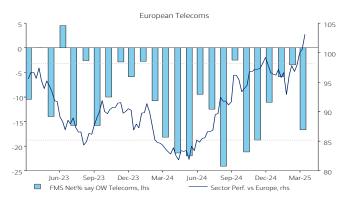


Source: BofA European Fund Manager Survey, Datastream

BofA GLOBAL RESEARCH

Exhibit 58: European telecoms

Net 17% of European participants say they are underweight the sector

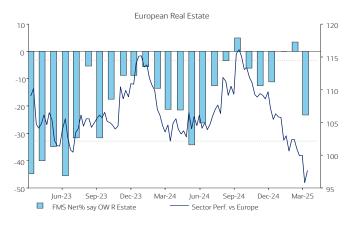


Source: BofA European Fund Manager Survey, Datastream

BofA GLOBAL RESEARCH

Exhibit 55: European real estate

Net 23% of European participants say they are underweight the sector

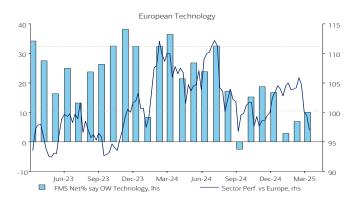


Source: BofA European Fund Manager Survey, Datastream

BofA GLOBAL RESEARCH

Exhibit 57: European technology

Net 10% of European participants say they are overweight the sector

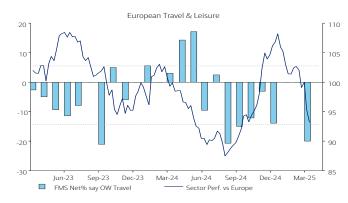


Source: BofA European Fund Manager Survey, Datastream

BofA GLOBAL RESEARCH

Exhibit 59: European travel & leisure

Net 20% of European participants say they are underweight the sector

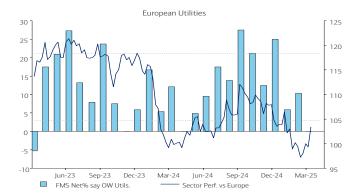


Source: BofA European Fund Manager Survey, Datastream



Exhibit 60: European utilities

Net 0% of European participants say they are overweight the sector



 $\textbf{Source:} \ \mathsf{BofA} \ \mathsf{European} \ \mathsf{Fund} \ \mathsf{Manager} \ \mathsf{Survey}, \mathsf{Datastream}$



Regional survey demographics data

Exhibit 61: Position / institution / approach of participants in the regional survey

Demographics details for regional Fund Manager Survey participants

	Mar-25	Feb-25	Jan-25
Structure of the panel - by position			
Chief Investment Officer	10	10	10
Asset Allocator / Strategist / Economist	17	26	20
Portfolio Manager	72	63	73
Other	8	11	8
Structure of the panel - by expertise			
Regional specialists + EM specialists only	34	37	32
Regional specialists with a global view	73	73	79
Total # of respondents to regional questions	107	110	111
Which of the following best describes the type of money you are running?			
Institutional funds (e.g. pension funds / insurance companies)	32	34	31
Hedge funds / proprietary trading desks	20	23	18
Mutual funds / unit trusts / investment trusts	46	46	53
None of the above	9	7	9
What do you estimate to be the total current value of assets under your dir	ect control?		
Up to \$250mn	23	21	26
Around \$500mn	15	13	13
Around \$1bn	22	27	21
Around \$2.5bn	20	19	20
Around \$5bn	7	5	12
Around \$7.5bn	3	5	4
Around \$10bn or more	5	5	4
No funds under my direct control	12	15	11
Total (USD bn)	193	199	214
What best describes your investment time horizon at this moment?			
3 months or less	33	35	34
6 months	25	22	20
9 months	8	16	10
12 months or more	37	34	43
Weighted average	7.4	7.4	7.7
Don't know	4	3	4
Which region do you specialise in?			
US / North America	24	28	26
Europe / Continental Europe / Eurozone / UK	30	29	34
Asia Pacific / Asia Pacific ex Japan / Japan	32	37	30
South Africa	15	13	18
MENA (Middle East and North Africa)	2	1	1
None of the above	4	2	2
Source: BofA European Fund Manager Survey			
1 0		PofA CLOE	DAL DECEADOU



Disclosures

Important Disclosures

Due to the nature of strategic analysis, the issuers or securities recommended or discussed in this report are not continuously followed. Accordingly, investors must regard this report as providing stand-alone analysis and should not expect continuing analysis or additional reports relating to such issuers and/or securities.

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.

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.

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.

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. 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 Prudential 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 (Equities (Australia) Limited, regulated by the Australian Securities and Investments Commission; Merrill Lynch (Hong Kong); Merrill (Hong Kong); Merril (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): Merrill Lynch (Canada): Merrill Lynch (Mexico): Merrill Mexico): Merrill Mexico (Mexico): Merrill Mexico): Merrill Mexico (Mexico): Merrill Mexico (Mexico de Bolsa, regulated by the Comisión Nacional Bancaria y de Valores; BofAS 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 (DIFC): Merrill Lynch (DIFC): Merrill Lynch (DIFC): Merrill Lynch (Brazil): Merrill Lynch (Brazil): Merrill Lynch (DIFC): Merrill 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.

This report may contain a short-term trading idea or recommendation, which highlights a specific near-term catalyst or event impacting the issuer or the market that is anticipated to have a short-term price impact on the equity securities of the issuer. Short-term trading ideas and recommendations are different from and do not affect a stock's fundamental equity rating, which reflects both a longer term total return expectation and attractiveness for investment relative to other stocks within its Coverage Cluster. Short-term trading ideas and recommendations may be more or less positive than a stock's fundamental equity rating.

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.

Foreign currency rates of exchange may adversely affect the value, price or income of any security or financial instrument mentioned herein. Investors in such securities and instruments, including ADRs, 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 2025 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. This document and its content is provided solely for informational purposes and cannot be used for training or developing artificial intelligence (AI) models or as an input in any Al application (collectively, an AI tool). Any attempt to utilize this document or any of its content in connection with an AI tool without explicit written permission from BofA Global Research is strictly prohibited. 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 proceedings in which any BofA Securit

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 sustainability in this material is limited as discussed herein and is not intended to provide a comprehensive view on any sustainability claim with respect to any issuer or security.

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.

