

#### ArcelorMittal

# Acciaierie d'Italia (Taranto, old Ilva) could go into administration

Maintain Rating: NEUTRAL | PO: 29.00 EUR | Price: 24.86 EUR

#### Press reports: ADI (Italy) into special administration?

Acciaierie d'Italia (ADI), owner of Italy's largest steelmaking facility (Taranto) and a joint venture (JV) between ArcelorMittal (MT) and the Italian Government; could be placed into special administration - according to press reports (AFP Bloomberg). This could be a precursor to finding a new investment partner and/or (re)-nationalisation (again, per press). MT put through a US\$1.4bn impairment of ADI with its FY23 results (we think now zero carrying value). The business has been troubled and the relationship contentious for some time, in our view, and we do not think investors placed much (if any) value on the stake. As such, we think this should have little impact on the market value of MT. We value MT on a P/B multiple (i.e. no value for ADI in our Price Objective). No estimates or rec./PO change. Maintain Neutral, EUR 29ps PO (0.45x P/B multiple unchanged).

#### JV funding stalled on outstanding conditions precedent

MT and Invitalia (Italian state-owned company) have equal voting and governance rights in ADI although MT owns 62% and Invitalia 38%. Invitalia made an initial equity investment of EUR 400mn for its 38% stake in 2021. It was planned that Invitalia would invest another up to EUR 680mn once conditions precedent (mainly removal of judicial measures encumbering Taranto) were met. This has failed to materialise and, as a "workaround", Invitalia advanced a EUR 680mn convertible loan in 2023 which, when converted, would take it to a 60% stake. However, it appears now that ADI again needs funding, plus the agreement longstop date of May 2024 (already extended by 2 years) is approaching. We think MT is not willing to further commit funds to ADI without the Taranto encumbrances removed; and that Invitalia is likewise "stuck" without majority ownership and/or outright control of ADI. As a result, Invitalia has reportedly asked for ADI to be placed into special administration.

#### A new investor may raise production = a bigger problem?

We think the under-utilisation of Taranto's significant capacity over the past few years has contributed to lower supply and support European Steel prices. A new investor could result in an increase in European Steel production, potentially depressing steel prices.

Estimates (Dec) (USD)	2022A	2023A	2024E	2025E	2026E
EPS (Reported)	10.2	2.76	4.12	4.06	4.24
EPS Change (YoY)	-24.6%	-73.0%	49.2%	-1.4%	4.4%
Dividend / Share	0.38	0.44	0.50	0.50	0.50
ADR EPS (Reported - US\$)	10.2	2.76	4.12	4.06	4.24
ADR Dividend / Share (US\$)	0.38	0.44	0.50	0.50	0.50
Valuation (Dec)					
P/E	2.60x	9.95x	6.50x	6.59x	6.31x
Dividend Yield	1.42%	1.64%	1.87%	1.87%	1.87%
EV / EBITDA*	1.59x	2.98x	3.22x	3.19x	3.05x
Free Cash Flow Yield*	27.6%	13.5%	1.90%	0.02%	-0.82%
* For full definitions of <i>iQ</i> method <sup>sm</sup> measures, see page 6.					

>> 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 7 to 10. Analyst Certification on page 5. Price
Objective Basis/Risk on page 5.

Timestamp: 20 February 2024 12:30AM EST

#### 20 February 2024

#### Equity

Patrick Mann, CFA >> Research Analyst MLI (UK) +44 20 7995 8960 patrick.mann@bofa.com

Jason Fairclough >> Research Analyst MLI (UK) jason.fairclough@bofa.com

Cameron Needham >> Research Analyst MLI (UK) cameron.needham@bofa.com

Lawson Winder, CFA >> Research Analyst Merrill Lynch (Canada) lawson.winder@bofa.com

Michael Widmer Commodity Strategist MLI (UK) michael.widmer@bofa.com

#### **Stock Data**

Price (Common / ADR) 24.86 EUR / 27.40 USD Price Objective 29.00 EUR / 28.66 USD Date Established 9-Feb-2024/9-Feb-2024 Investment Opinion B-2-7 / C-2-7 52-Week Range 19.91 EUR-30.52 EUR Market Value (mn) 20,413 EUR Shares Outstanding (mn) 821.3 / 821.3 Average Daily Value (mn) 56.92 USD Free Float 51.7% BofA Ticker / Exchange AMSYF / FNA BofA Ticker / Exchange MT / NYS Bloomberg / Reuters MT NA / MT.AS ROF (2024F) Net Dbt to Eqty (Dec-2023A) 5.2% ESGMeter™ High

ESGMeter is not indicative of a company's future stock price performance and is not an investment recommendation or rating. ESGMeter is independent of BofA Global Research's equity investment rating, volatility risk rating, income rating, and price objective for that company. For full details, refer to "BofA ESGMeter Methodology".

## **iQ**profile<sup>™</sup> ArcelorMittal

Key Income Statement Data (Dec)	2022A	2023A	2024E	2025E	2026E
(US\$ Millions)					
Sales	79,844	68,275	62,955	59,448	60,930
EBITDA Adjusted	14,161	7,558	7,007	7,071	7,400
Depreciation & Amortization	(2,580)	(2,675)	(2,779)	(2,876)	(2,995)
EBIT Adjusted	11,581	4,883	4,228	4,195	4,405
Net Interest & Other Income	983	325	117	80.4	61.0
Tax Expense / Benefit	(1,717)	(238)	(869)	(855)	(893)
Net Income (Adjusted)	10,611	6,273	3,381	3,336	3,481
Average Fully Diluted Shares Outstanding	914	845	821	821	821
Key Cash Flow Statement Data					
Net Income (Reported)	9,302	2,324	3,381	3,336	3,481
Depreciation & Amortization	2,580	2,675	2,779	2,876	2,995
Change in Working Capital	(1,223)	1,604	351	37.5	(214)
Deferred Taxation Charge	0	0	0	0	0
Other CFO	(456)	1,042	(1,301)	(1,286)	(1,278)
Cash Flow from Operations	10,203	7,645	5,211	4,964	4,985
Capital Expenditure	(3,468)	(4,613)	(4,793)	(4,960)	(5,165)
(Acquisition) / Disposal of Investments	(1,015)	(1,235)	0	0	0
Other CFI	0	0	0	0	0
Cash Flow from Investing	(4,483)	(5,848)	(4,793)	(4,960)	(5,165)
Share Issue / (Repurchase)	NA	NA	NA	NA	NA
Cost of Dividends Paid	(332)	(369)	(411)	(411)	(411)
Increase (decrease) debt	3,249	(969)	0	0	0
Other CFF	(3,725)	(2,328)	(162)	(162)	(162)
Cash Flow from Financing	(808)	(3,666)	(573)	(573)	(573)
Total Cash Flow (CFO + CFI + CFF)	4,912	(1,869)	(155)	(569)	(753)
FX and other changes to cash	131	238	0	0	0
Change in Cash	5,043	(1,631)	(155)	(569)	(753)
Change in Net Debt	(1,794)	662	155	569	753
Net Debt	2,236	2,898	3,053	3,622	4,374
Key Balance Sheet Data					
Property, Plant & Equipment	30,167	33,656	35,670	37,753	39,923
Goodwill	0	0	0	0	0
Other Intangibles	4,903	5,102	5,102	5,102	5,102
Other Non-Current Assets	22,359	21,919	22,959	23,973	24,987
Trade Receivables	3,839	3,661	3,343	3,488	3,571
Cash & Equivalents	9,414	7,783	7,628	7,059	6,307
Other Current Assets	23,865	21,796	20,145	19,535	19,970
Total Assets	94,547	93,917	94,847	96,911	99,860
Long-Term Debt	9,067	8,369	8,369	8,369	8,369
Other Non-Current Liabilities	7,492	7,711	7,355	6,999	6,643
Short-Term Debt	2,583	2,312	2,312	2,312	2,312
Other Current Liabilities	19,815	19,457	17,840	17,412	17,716
Total Liabilities	38,957	37,849	35,876	35,092	35,040
Total Equity	55,590	56,068	58,971	61,819	64,819
Total Equity & Liabilities	94,547	93,917	94,847	96,911	99,860
Business Performance*					
Return On Capital Employed	14.0%	6.35%	4.66%	4.47%	4.53%
Return On Equity	20.8%	11.7%	6.09%	5.70%	5.65%
Operating Margin	12.9%	3.43%	6.72%	7.06%	7.23%
Free Cash Flow (MM)	6,735	3,032	418	3.96	(180)
Quality of Earnings*					
Cash Realization Ratio	0.96x	1.22x	1.54x	1.49x	1.43x
Asset Replacement Ratio	1.34x	1.72x	1.72x	1.72x	1.72x
Tax Rate	15.3%	8.93%	20.0%	20.0%	20.0%
Net Debt/Equity	4.02%	5.17%	5.18%	5.86%	6.75%
Interest Cover	28.9x	11.5x	10.6x	10.5x	11.0x
	20.57	. 1.5/	. 0.07	. 0.57	11.57

#### **Company Sector**

Steels

#### **Company Description**

ArcelorMittal is a leader in all major global steel markets, including automotive, construction, household appliances and packaging. Its industrial presence in Europe, Asia, Africa and America gives it exposure to all the key steel markets, from emerging to mature. It is also a significant producer of iron ore. Its recent transaction with Cliffs saw it exit substantially all of its US operations leaving a leaner, more profitable, less leveraged company that is more focussed on Europe & Brazil.

#### **Investment Rationale**

MT's valuation is relatively low compared to its history. While this appears to be an attractive entry point, we think that earnings are unlikely to grow from current levels given the weak macro-backdrop and don't see equity outperforming. MT has a low level of net debt relative to its own history and a capital allocation policy to direct 50% of FCF to shareholder returns (dividends & buybacks). We have a Neutral rating.

Stock Data	
Shares / ADR	1.00
Price to Book Value	0.4x

#### **Quarterly Earnings Estimates**

	2023	2024
Q1	1.28A	0.99E
Q2	2.21A	1.52E
Q3	1.11A	0.95E
Q4	-1.88A	0.66E



### Acciaierie d'Italia (ADI)

#### A brief history

#### Acquired 2018, JV with Government of Italy in 2021

ArcelorMittal entered into a lease and subsequent purchase agreement for the business of Ilva in 2018. ArcelorMittal subsequently gave notice to withdraw from the agreement in 2019 citing the Italian Parliament's removal of legal protection against the risk of criminal liability over its environmental plan. The Commissioners managing the Ilva insolvency filed suit seeking an injunction to prevent ArcelorMittal's withdrawal. Following negotiations, the parties agreed to settle the litigation and amended the Ilva Agreement.

The Amended agreement included terms for investment by Italian state-sponsored and other private entities; a new industrial plan and additional conditions precedent to the obligation to purchase, to be fulfilled by May 2022. The conditions precedent included the amendment of the existing environmental plan, the lifting of all criminal seizures on the Taranto plant; and the absence of restrictive measures affecting ADI in the context of criminal proceedings where Ilva is a defendant. (These conditions precedent were not fulfilled by May 2022 and the parties amended the longstop date to May 2024.)

#### **Private-Public partnership**

In December 2020, ArcelorMittal concluded an "investment agreement" with Invitalia, an Italian state-owned company. In terms of the investment agreement, Invitalia was to invest up to EUR 1.1bn in Acciaierie d'Italia (the old ArcelorMittal Italia) in two tranches. Invitalia invested an initial EUR 400m of new equity for a 38% shareholding & equal voting and governance rights in April 2021. **MT deconsolidated ADI from 2Q21 when it became a joint venture with Invitalia with equal voting and governance rights.** The second tranche of EUR 680m was to be invested on conclusion of the acquisition of Ilva by ADI (and has been delayed by the delay to the fulfilment of the conditions precedent).

With the longstop date for conditions precedent pushed out to May 2024 and ADI facing financial difficulty, Invitalia advanced the EUR 680m in the form of a convertible shareholder loan in February 2023. When this converts, Invitalia's shareholding will increase to 60% (and MT's shareholding reduce to 40%). On conversion, Invitalia will have the right to transfer to a third party a maximum of 20% interest of the share capital of ADI with MT holding a right of first refusal.

We do think the under-utilisation of Taranto's significant capacity contributes to lower supply and higher prices for European steel, which helps MTs other plants in Europe.

Acciaierie d'Italia (ADI) had a carrying value of c.US\$1.2bn / 11% of the total equity accounted investments carrying value as at the end of December 2022. As a result, we believe the reported impairment with the FY23 results of c.US\$1.4bn accounts for all the carrying value of the business.



#### Exhibit 14: Acciaierie d'Italia (ADI) JV disclosure in ArcelorMittal financials

ADI is being carried at c.US\$1.2bn in ArcelorMital's balance sheet

Acciaierie d'Italia (100% basis)	31-Dec-21	31-Dec-22
Current assets	3,643	2,558
of which cash and cash equivalents	92	179
Non-current assets	2,669	2,765
Current liabilities	3,313	2,754
of which trade and other payables and provisions	2,840	1,844
Non-current liabilities	1,365	908
of which trade and other payables and provisions	1,342	153
Net assets	1,634	1,661
Company's share of net assets	1,013	1,030
Adjustments for differences in accounting policies and other	146	146
Carrying amount in the statements of financial position	1,159	1,176
Revenue	3,291	4,525
Depreciation and amortization	-119	-157
Interest income	0	0
Interest expense	-12	-34
Income tax benefit (expense)	211	25
Income (loss) from continuing operations	393	106
Other comprehensive income (loss)	0	0
Total comprehensive income (loss)	393	106
Cash dividends received by the Company	0	0
Source: BofA Global Research estimates, company report		
	D CA CL	ODAL DECEADOLL

BofA GLOBAL RESEARCH

#### More detail on Acciaierie d'Italia

Facilities: ADI owns Europe's biggest single-site integrated steel facility in Taranto
as well as rolling mills in Genova and Novi Ligure. Taranto has crude steel capacity
of 7.8Mtpa (design capacity) while achievable capacity is limited to 6mtpa until
completion of the environmental plan. In 2021, Taranto produced 4.1Mt of crude
steel.

**Production currently limited to 6Mtpa by environmental restrictions, targeting growth to 8Mtpa by 2025**. ADI's crude steel production is limited to 6Mtpa until the environmental plan is completed. It aims to growth crude steel production to 8Mtpa by 2025 through the construction of a 2.5Mtpa electric arc furnace (EAF) and the relining of blast furnace #5, which are both planned to start producing in 2024. We are sceptical in the time frame given the delays already experienced in the acquisition of the Ilva assets by ADI.



#### Price objective basis & risk

#### ArcelorMittal (AMSYF / MT)

Our price objective of EUR 29 (US\$28.66/ADR) is based on c. 0.45x P/B, approximately one standard deviation below the historical average. We use a below-average multiple, as steel companies face falling earnings from elevated 2021/2022 levels and spreads coming under pressure, as well as market concerns about the cost of decarbonisation plans.

Upside risks to our price objective are: faster-than-expected economic growth in major steel-consuming sectors and stronger-than-forecast pricing power, the Indian JV, AMNS India, "maturing" faster than expected and growing its contribution to earnings materially.

Downside risks to our price objective are: Economic recession in the EU and US impacting demand for steel. Decline in construction, machinery and automotive spending in MT's key markets (Europe, NAFTA, Brazil and CIS) resulting in lower demand. Demand weakness in another region leading to higher exports pressuring global on prices, M&A that strains the balance sheet. Lower iron ore pressuring prices and earnings in the Seaborne Iron Ore division.

#### **Analyst Certification**

I, Patrick Mann, CFA, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of my compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.

**EMEA - Metals & Mining, Steel, Paper Coverage Cluster** 

Investment rating	Company	BofA Ticker	Bloomberg symbol	Analyst
BUY				
	Acerinox	ANIOF	ACX SQ	Patrick Mann, CFA
	Alleima AB	SAMHF	ALLEI SS	Patrick Mann, CFA
	Anglo American	AAUKF	AAL LN	Jason Fairclough
	Anglo American plc	NGLOY	NGLOY US	Jason Fairclough
	Antofagasta	ANFGF	ANTO LN	Jason Fairclough
	Atalaya Mining Plc	XPGBF	ATYM LN	Jason Fairclough
	Befesa	BFSAF	BFSA GY	Cameron Needham
	Centamin Plc	CELTF	CEY LN	Jason Fairclough
	Centamin Plc	YCEE	CEE CN	Jason Fairclough
	Ecora Resources Plc	ECRAF	ECOR LN	Cameron Needham
	Eramet	ERMAF	ERA FP	Jason Fairclough
	Glencore	GLCNF	GLEN LN	Jason Fairclough
	Glencore Plc	GLNCY	GLNCY US	Jason Fairclough
	Hochschild Mining plc	HCHDF	HOC LN	Jason Fairclough
	Norsk Hydro	NHYDY	NHYDY US	Jason Fairclough
	Norsk Hydro	NHYKF	NHY NO	Jason Fairclough
	Rio Tinto Plc	RIO	RIO US	Jason Fairclough
	Rio Tinto Plc	RTPPF	RIO LN	Jason Fairclough
	SCA	SVCBF	SCAB SS	Patrick Mann, CFA
	SIG Group	SCBGF	SIGN SW	Patrick Mann, CFA
	Smurfit Kappa	SMFTF	SKG ID	Patrick Mann, CFA
	Smurfit Kappa	XNKFF	SKG LN	Patrick Mann, CFA
	Smurfit Kappa	SMFKY	SMFKY US	Patrick Mann, CFA
	Stora Enso	SEOJF	STERV FH	Patrick Mann, CFA
	Stora Enso	SEOAY	SEOAY US	Patrick Mann, CFA
	Thyssenkrupp	TYEKF	TKA GY	Jason Fairclough
	Verallia	VRLAF	VRLA FP	Patrick Mann, CFA
	Yellow Cake Plc	YLLXF	YCA LN	Jason Fairclough



#### EMEA - Metals & Mining, Steel, Paper Coverage Cluster

Investment rating	Company	BofA Ticker	Bloomberg symbol	Analyst
NEUTRAL				
	ArcelorMittal	AMSYF	MT NA	Patrick Mann, CFA
	ArcelorMittal	MT	MT US	Patrick Mann, CFA
	Imerys	IMYSF	NK FP	Jason Fairclough
	Salzgitter	SZGPF	SZG GY	Patrick Mann, CFA
	Voestalpine	VLPNF	VOE AV	Patrick Mann, CFA
UNDERPERFORM				
	Aperam	XASPF	APAM NA	Patrick Mann, CFA
	Aurubis	AIAGF	NDA GY	Jason Fairclough
	Billerud AB	BLRDF	BILL SS	Patrick Mann, CFA
	Billerud AB	BLRDY	BLRDY US	Patrick Mann, CFA
	Boliden	BOLIF	BOL SS	Jason Fairclough
	Ferrexpo plc	FEEXF	FXPO LN	Jason Fairclough
	Fresnillo plc	FNLPF	FRES LN	Jason Fairclough
	Outokumpu	OUTFF	OUT1V FH	Patrick Mann, CFA
	Sappi Limited	SPPJF	SAP SJ	Patrick Mann, CFA
	Sappi Limited	SPPJY	SPPJY US	Patrick Mann, CFA
	SSAB	SSAAF	SSABA SS	Patrick Mann, CFA
	UPM-Kymmene	UPMKF	UPM FH	Patrick Mann, CFA
RSTR				
	DS Smith plc	DITHF	SMDS LN	Patrick Mann, CFA
	Mondi plc	MONDD	MONDD US	Patrick Mann, CFA
	Mondi Plc	MONDF	MNDI LN	Patrick Mann, CFA
	Mondi Plc	XDPMF	MNP SJ	Patrick Mann, CFA
RVW				
	Horizonte Minerals	HZMMF	HZM LN	Jason Fairclough

#### **IQ**method<sup>™</sup> Measures Definitions

<b>Business Performance</b>	Numerator	Denominator
Return On Capital Employed	NOPAT = (EBIT + Interest Income) $\times$ (1 - Tax Rate) + Goodwill Amortization	Total Assets – Current Liabilities + ST Debt + Accumulated Goodwill
		Amortization
Return On Equity	Net Income	Shareholders' Equity
Operating Margin	Operating Profit	Sales
Earnings Growth	Expected 5 Year CAGR From Latest Actual	N/A
Free Cash Flow	Cash Flow From Operations — Total Capex	N/A
Quality of Earnings	Numerator	Denominator
Cash Realization Ratio	Cash Flow From Operations	Net Income
Asset Replacement Ratio	Capex	Depreciation
Tax Rate	Tax Charge	Pre-Tax Income
Net Debt-To-Equity Ratio	Net Debt = Total Debt — Cash & Equivalents	Total Equity
Interest Cover	EBIT	Interest Expense
Valuation Toolkit	Numerator	Denominator
Price / Earnings Ratio	Current Share Price	Diluted Earnings Per Share (Basis As Specified)
Price / Book Value	Current Share Price	9 , , ,
		Shareholders' Equity / Current Basic Shares
Dividend Yield	Annualised Declared Cash Dividend	Current Share Price
Free Cash Flow Yield	Cash Flow From Operations — Total Capex	Market Cap = Current Share Price × Current Basic Shares
Enterprise Value / Sales	EV = Current Share Price × Current Shares + Minority Equity + Net Debt +	Sales
	Other LT Liabilities	
EV / EBITDA	Enterprise Value	Basic EBIT + Depreciation + Amortization

EV / EBITDA Enterprise Value Basic EBIT + Depreciation + Amortization

\*\*Menethod 3\*\*is the set of BofA Global Research standard measures that serve to maintain global consistency under three broad headings: Business Performance, Quality of Earnings, and validations. The key features of iQmethod are: A consistently structured, detailed, and transparent methodology. Guidelines to maximize the effectiveness of the comparative valuation process, and to identify some common pitfalls.

\*\*Redatabase\*\* is our real-time global research database that is sourced directly from our equity analysts' earnings models and includes forecasted as well as historical data for income statements, balance sheets, and cash flow statements for companies covered by BofA Global Research.

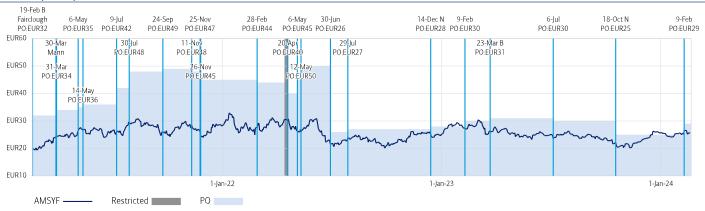
*IQ*profile<sup>SM</sup>, *IQ*method<sup>SM</sup> are service marks of Bank of America Corporation. *IQ*database® is a registered service mark of Bank of America Corporation.



### **Disclosures**

#### **Important Disclosures**

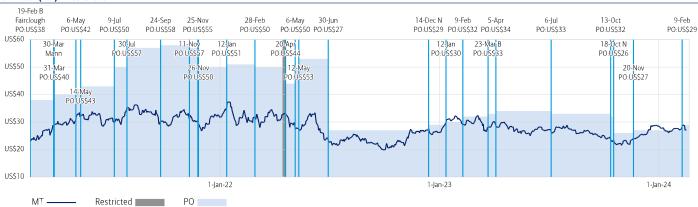
#### ArcelorMittal (AMSYF) Price Chart



B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

The Investment Opinion System is contained at the end of the report under the heading "Fundamental Equity Opinion Key". Dark grey shading indicates the security is restricted with the opinion suspended. Medium grey shading indicates the security is under review with the opinion withdrawn. Light grey shading indicates the security is not covered. Chart is current as of a date no more than one trading day prior to the date of the report.

#### ArcelorMittal (MT) Price Chart



B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

The Investment Opinion System is contained at the end of the report under the heading "Fundamental Equity Opinion Key". Dark grey shading indicates the security is restricted with the opinion suspended. Medium grey shading indicates the security is under review with the opinion withdrawn. Light grey shading indicates the security is not covered. Chart is current as of a date no more than one trading day prior to the date of the report.

#### Equity Investment Rating Distribution: Steel Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	14	43.75%	Buy	9	64.29%
Hold	12	37.50%	Hold	7	58.33%
Sell	6	18.75%	Sell	3	50.00%

#### Equity Investment Rating Distribution: Global Group (as of 31 Dec 2023)

Coverage Universe	Count	Percent	Inv. Banking Relationships R1	Count	Percent
Buy	1895	53.62%	Buy	1083	57.15%
Hold	832	23.54%	Hold	454	54.57%
Sell	807	22.84%	Sell	383	47.46%

R1 Issuers that were investment banking clients of BofA Securities or one of its affiliates within the past 12 months. For purposes of this Investment Rating Distribution, the coverage universe includes only stocks. A stock rated Neutral is included as a Hold, and a stock rated Underperform is included as a Sell.



FUNDAMENTAL EQUITY OPINION KEY: Opinions include a Volatility Risk Rating, an Investment Rating and an Income Rating. VOLATILITY RISK RATINGS, indicators of potential price fluctuation, are: A - Low, B - Medium and C - High. INVESTMENT RATINGS reflect the analyst's assessment of both a stock's absolute total return potential as well as its attractiveness for investment relative to other stocks within its Coverage Cluster (defined below). Our investment ratings are: 1 - Buy stocks are expected to have a total return of at least 10% and are the most attractive stocks in the coverage cluster; 2 - Neutral stocks are expected to remain flat or increase in value and are less attractive than Buy rated stocks and 3 - Underperform stocks are the least attractive stocks in a coverage cluster. An investment rating of 6 (No Rating) indicates that a stock is no longer trading on the basis of fundamentals. Analysts assign investment ratings considering, among other things, the 0-12 month total return expectation for a stock and the firm's guidelines for ratings dispersions (shown in the table below). The current price objective for a stock should be referenced to better understand the total return expectation at any given time. The price objective reflects the analyst's view of the potential price appreciation (depreciation).

# Investment rating Total return expectation (within 12-month period of date of initial rating) Ratings dispersion guidelines for coverage cluster<sup>R2</sup>

 Buy
 ≥ 10%
 ≤ 70%

 Neutral
 ≥ 0%
 ≤ 30%

 Underperform
 N/A
 ≥ 20%

INCOME RATINGS, indicators of potential cash dividends, are: 7 - same/higher (dividend considered to be secure), 8 - same/lower (dividend not considered to be secure) and 9 - pays no cash dividend. Coverage Cluster is comprised of stocks covered by a single analyst or two or more analysts sharing a common industry, sector, region or other classification(s). A stock's coverage cluster is included in the most recent BofA Global Research report referencing the stock.

Price Charts for the securities referenced in this research report are available on the Price Charts website, or call 1-800-MERRILL to have them mailed.

BofAS or one of its affiliates acts as a market maker for the equity securities recommended in the report: ArcelorMittal.

The issuer is or was, within the last 12 months, an investment banking client of BofAS and/or one or more of its affiliates: ArcelorMittal.

BofAS or an affiliate has received compensation from the issuer for non-investment banking services or products within the past 12 months: ArcelorMittal.

The issuer is or was, within the last 12 months, a non-securities business client of BofAS and/or one or more of its affiliates: ArcelorMittal.

BofAS or an affiliate has received compensation for investment banking services from this issuer within the past 12 months: ArcelorMittal.

BofAS or an affiliate expects to receive or intends to seek compensation for investment banking services from this issuer or an affiliate of the issuer within the next three months: ArcelorMittal. BofAS or one of its affiliates is willing to sell to, or buy from, clients the common equity of the issuer on a principal basis: ArcelorMittal.

The issuer is or was, within the last 12 months, a securities business client (non-investment banking) of BofAS and/or one or more of its affiliates: ArcelorMittal.

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**

From time to time research analysts conduct site visits of covered issuers. BofA Global Research policies prohibit research analysts from accepting payment or reimbursement for travel expenses from the issuer for such visits.

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 Regulation Authority (PRA); BofASE (France): BofA Securities Europe SA is authorized by the Autorité de Contrôle Prudential Regulation Authority (PRA); BofASE (France): BofA Securities Europe SA is authorized by the Autorité de Contrôle Prudential Regulation Authority (PRA); BofASE (France): BofA Securities Europe SA is authorized by the Autorité de Contrôle Prudential Regulation Authority (PRA); BofASE (France): BofA Securities Europe SA is authorized by the Autorité de Contrôle Prudential Regulation Authority (PRA); BofASE (France): Bof 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): Merrill Lynch (Canada): Merrill Lynch (Mexico): Merrill Ly de Bolsa, regulated by the Comisión Nacional Bancaría y de Valores; Merrill Lynch (Argentina): Merrill Lynch Argentina SA, regulated by Comisión Nacional 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): Merrill Lynch (Israel) Merrill Lynch (Israel) Financial Services Authority (DFSA); Merrill Lynch (Brazil): Merrill Lynch S.A. 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



R2 Ratings dispersions may vary from time to time where BofA Global Research believes it better reflects the investment prospects of stocks in a Coverage Cluster.

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 (BIFC) is accordance with applicable regulations. Merrill Lynch (DIFC) is authorized and regulated by the DFSA. Information prepared and is sued 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.

#### BofA ESGMeter Methodology:

ESGMeter is a proprietary metric based on quantitative analysis and fundamental analyst inputs that reflects our assessment of a company's Environmental, Social and Governance-related attributes. The ESGMeter is intended to indicate a company's likelihood of experiencing stronger financial stability (higher return on equity and lower earnings and price volatility) over the next three years relative to peer group. There are three ESGMeter levels - Low, Medium, and High - which indicate whether a company has attributes most likely to translate into superior financial stability (in the case of a High level) or weaker financial stability (in the case of a Low level) over the next three years relative to its peer group. A Medium level suggests that a company exhibits ESG characteristics that are likely associated with financial stability results in line with its peer group over the next three years. Full details of our methodology, financial stability definition and disclaimers are available at BofA ESGMeter methodology. ESGMeter is not indicative of a company's future stock price performance and is not an investment recommendation or rating. ESGMeter is independent of the BofA Global Research fundamental equity analyst's investment rating, volatility risk rating, income rating or price objective for that company.

#### 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.

Subject to the quiet period applicable under laws of the various jurisdictions in which we distribute research reports and other legal and BofA Securities policy-related restrictions on the publication of research reports, fundamental equity reports are produced on a regular basis as necessary to keep the investment recommendation current.

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.

