

BRF

4Q24 Review: Starting the descent process

LatAm Meatpackers

Main takeaways:

(i) Consolidated **Net revenue** was **R\$17.5bn** (+6% vs. Genial Est.), with growth of **+13.1% q/q** and **+21.6% y/y**; (ii) The increase was **driven by volumes sold**; market share gains and the rise in USD/BRL Fx rate in the international segment; (iii) However, **high production costs** neutralized the expansion in net revenue; (iv) SG&A advanced to -R\$2.6bn (+18.3% q/q; +12.6% y/y) due to marketing and bonuses; (v) **Net income** has clocked in at **R\$868mn** (-40.1% vs. Genial Est.) and **FCF generated** was **R\$2.1bn** (-6% vs. Genial Est.), with **CAPEX** reported at -**R\$995mn** (+8.5% vs. Genial Est.); (vi) **Brazil Segment** had revenues of R\$8.6bn (-1.1% vs. Genial Est.), up +18.3% q/q and +7.4% y/y, driven by an average price of R\$12.74/kg (+7.9% q/q; +3.5% y/y) and a market share of 40.8%; (vii) However, the **EBITDA margin in Brazil contracted** to **14.7%** (-1.3p.p vs. Genial Est.), impacted by grain and oil costs; (viii) The **International Segment** had revenues of **R\$7.3bn** (-1.4% vs. Genial Est.), with an average price of R\$13.48/kg (+0% vs. Genial Est.), driven by favorable Fx rate in y/y base, remained almost flat in q/q; (ix) **EBITDA in international segment** have **clocked** in at **R\$1.5bn** (-8.2% q/q; +117% y/y), with a **margin of 20.4%**, pressured by discounts and cost increases; (x) The **International segment** posted record **profitability** with **EBITDA of R\$5.7bn** and a margin of 20.2% in 12M 2024, driven by processed proteins and market diversification; (xi) The **Net Debt/EBITDA** closed at **0.79x** (vs. 0.72x in 3Q24), but our forecast for **25E** is **1.5x**; (xi) We believe that the **trade down trend will bring more volume** to the company throughout 2025 vs. 2024. On the other hand, we have increased our **25E CAPEX expectation to +7.5% vs. previous Est.**, reducing our **FCF yield to 13.5%** (vs. 15% previously). This brings us to the second **12M Target Price** cut in a row, now at **R\$23.00** (vs. R\$24.50 previously), indicating an **upside of +20.99%**.

Analysts

Igor Guedes

+55 (11) 3206-8286
igor.guedes@genial.com.vc

Luca Vello

+55 (11) 3206-1457
luca.vello@genial.com.vc

Isabelle Casaca

+55 (11) 3206-8244
isabelle.casaca@genial.com.vc

Company

BRFS3 BZ Equity

Buy

Price: R\$ 19.01 (27-Feb-2025)

Target Price 12M: R\$ 23.00

Table 1. Income Statement BRF (4Q24 vs. Genial Est.)

(R\$ millions)	4Q24A Reported	4Q24E Genial Est.	% R/E	3Q24A Reported	% q/q	4Q23A Reported	% y/y
Net Revenue	17.549	16.555	6,0%	15.523	13,1%	14.426	21,6%
COGS	(13.078)	(11.892)	10,0%	(11.312)	15,6%	(11.233)	16,4%
Adjusted EBITDA	2.803	3.029	-7,5%	2.968	-5,6%	3.193	-12,2%
EBITDA Margin (%)	16,0%	18,3%	-2p.p	19,1%	-3p.p	22,1%	-6p.p
EBIT	1.869	2.025	-7,7%	2.015	-7,2%	924	102,2%
EBIT Margin (%)	10,7%	12,2%	-1,58p.p	13,0%	-2,33p.p	6,4%	4,24p.p
D&A	(953)	(1.016)	-6,2%	(858)	11,1%	(869)	9,6%
Financial Result	(350)	(614)	75,4%	(513)	-31,8%	(614)	-43,0%
Net Income	868	1.448	-40,1%	1.317	-34,1%	754	15,1%
Net Margin (%)	4,9%	8,7%	-8,75p.p	8,5%	-3,54p.p	5,2%	-0,28p.p

Source: BRF, Genial Investimentos

BRF released its **4Q24 results** yesterday, **February 26** (after market close). The figures were relatively in line with expectations, delivering a **record Net Revenue** but with a **negative surprise** due to a **margin contraction greater than anticipated** by both us and the consensus (contraction of **-3.2p.p q/q** vs. **~-1p.p q/q** expected by BBG consensus), which could impact investors' perception of the results. While the margin decline was widely expected, its greater-than-anticipated intensity may lead to a negative market reaction in today's trading session. Consolidated **Net Revenue** reached **R\$17.5bn (+6% vs. Genial Est.)**, with a strong expansion of **+13.1% q/q** and **+21.6% y/y**. Growth was driven by **(i)** higher sales volumes due to favorable year-end seasonality in the domestic market and trade-down effects; **(ii)** significant market share gains, particularly in processed products, which have higher added value, across most of BRF's operating markets; and **(iii)** the impact of the USD/BRL appreciation on international segment revenue. However, **(iv)** higher production costs more than offset the net revenue growth.

Additionally, results were impacted by higher SG&A expenses, totaling **-R\$2.6bn (+18.3% q/q; +12.6% y/y)**, driven by **(i)** increased marketing expenditures related to holiday campaign efforts and **(ii)** bonus payouts due to target achievements and stronger 3Q24 results. At the bottom line, the company reported a Net Income of **R\$868mn (-40.1% vs. Genial Est.)**, slightly below consensus but without major surprises. Moreover, BRF generated **FCF of R\$2.1bn (-6% vs. Genial Est.)**, up **+15% q/q** and **+2.4x y/y**, with **CAPEX outflows of -R\$995mn (+8.5% vs. Genial Est.)**.

4Q24 Review

Brazil segment still Strong, but margin contracts more than expected. Net Revenue for the Brazil segment reached **R\$8.6bn (-1.1% vs. Genial Est.)**, advancing **+18.3% q/q** and **+7.4% y/y**, in line with expectations, driven by an increase in average price, which stood at **R\$12.74 (-0.5% vs. Genial Est.)**, rising **+7.9% q/q** and **+3.5% y/y**, alongside solid volumes. This strong performance reflects BRF's solid strategic growth capacity, supported by **(i)** the successful execution of market share expansion initiatives, **(ii)** higher penetration of higher-value-added products in the portfolio, and **(iii)** effective year-end holiday campaigns by the Sadia and Perdigão brands. The company expanded its market share to 40.8%, improving product availability, shelf space, and pricing adherence, reaching 327k clients and achieving growth across all categories.

However, the strong top-line performance was partially overshadowed by a negative cost surprise, which pressured the **EBITDA margin** to **14.7%** (-1.3p.p vs. Genial Est.), with a contraction of **-1.9p.p q/q** and **-0.9p.p y/y**. EBITDA totaled **R\$1.2bn (-14% vs. Genial Est.)**, and while below expectations, it still increased **+4.7% q/q** and **+45.5% y/y**. As we highlighted in our earnings preview report, the cost increase was mainly driven by higher prices for grains and oils used as raw materials, with corn up **+11% q/q**, soybeans **+3% q/q**, and soybean oil **+15.6% q/q**, the latter being a key input for Margarine (Qualy) production.

In our view, this scenario is likely to **impact the market's perception of the results**, as it reinforces concerns about a potential inflection point for poultry operators. However, the outlook appears more favorable when considering the 12-month accumulated performance in 2024, mainly due to the strong 3Q24 results. Net revenue reached R\$28.8bn, up +7.4% vs. 2023. EBITDA totaled R\$4.5bn, with a margin of 15.5%, an increase of +4.1p.p y/y. While we have already noted that results were expected to accelerate, **we believe 2024 was a historic year for the company**. Despite an expected y/y margin deterioration, 2025 should still be a solid year.

International segment slows down, in line with expectations. Net revenue for the international segment, which is more focused on fresh products, reached R\$7.3bn (-1.4% vs. Genial Est.), remaining flat q/q and rising +18.3% y/y, also in line with our estimates. The average price was set at R\$13.48/kg (+0% vs. Genial Est.), exactly matching our projections, reflecting a mild acceleration of +0.9% q/q and a stronger increase of +19% y/y. On an annual basis, the realized price performance was mainly driven by the USD/BRL Fx rate appreciation vs. 2023 and price adjustments made throughout the year. As we mentioned in our earnings preview report, sequentially, the USD/BRL appreciation was not reflected in the quarter due to a discounting strategy in some countries, such as Japan and the Middle East, which are currently in negotiation phases for 2025.

EBITDA for the segment totaled **R\$1.5bn** (-8.2% q/q; +117% y/y), with the margin slowing sequentially to **20.4%** (-0.6p.p vs. Genial Est.), compressing by -1.8p.p q/q, though still at a very strong level compared to 2023, up +9.3p.p y/y. The quarterly margin contraction was driven by **(i)** price discount negotiations in USD across some key markets, as previously mentioned; **(ii)** a significant increase in costs in Brazil and Turkey; and most notably, **(iii)** the impact of exchange rate fluctuations on input inventories and other cost lines.

On a **12M accumulated basis in 2024**, the international segment delivered **record profitability**, driven by a higher share of processed products in the portfolio, recovering protein prices in the global market surpassing the global chicken oversupply scenario seen in 2023—and the continued market diversification strategy. Reported EBITDA reached R\$5.7bn, with a margin of 20.2%, expanding +15.8p.p y/y.

Our Take on BRF

Leverage rises slightly but is expected to increase further in 2025. BRF ended 2024 with a significantly reduced Net Debt/EBITDA leverage of 0.79x (vs. 2.01x in 2023 and 0.71x in 3Q24). However, it's important to note that the company revised its leverage target to **1.5-2x for 2025-26E** (vs. 0.72x in 3Q24), driven by an expected incremental **CAPEX of +R\$1bn for 2025E**, focused on capacity expansion. As a result, **total CAPEX for 2025E is projected at R\$4.3bn** (+30.7% vs. 2024) and **+7.5% vs. the previous estimate**.

Starting the descent process. This movement unfolds in a challenging context of **(i)** accelerating SELIC rates, increasing the cost of capital, given that BRF holds ~77% of its debt in BRL, and **(ii)** a potential cycle inflection, driven by rising costs for poultry operators, heightening concerns about the investment thesis. Additionally, from an investor flow perspective, the sharp **-24% YTD** drop in share price also reflects profit-taking by fund managers after capitalizing on BRF's significant appreciation in 2024. This likely marked the cycle's peak, consolidated in **3Q24** and now confirmed in **4Q24**.

Why do we have a buy rating if the cycle is reversing? We maintain our **BUY rating** based on the effective penalty for the voracity with which the shares have been sold since the beginning of the year, which seems irrational to us, leading the company to trade at an **EV/EBITDA 25E** of **4.8x**, well below the historical average of 6.7x. In addition, our rating is also contributing to the pillar that supports our investment thesis at the moment, which is the trade down. There has been a considerable increase in the **price spread between beef vs. chicken**. Although the price of fresh chicken has risen by +8-9% in the last 12M (already considering the +5% transfer made in January), the price of the set of red meat cuts in the IPCA basket has still risen by +16% in the same period, basically doubling, putting considerable pressure on food inflation.

As this has happened due to the **reversal of the cattle cycle in Brazil**, with the price of the arroba of the ox reaching an increase of +40% in the last 4M, it seems difficult to us that there won't be further transfers in the price of red meat during 2025, since the +16% increase in the cut-out doesn't cover the +40% cost of cattle. Although we don't believe the pass-through will be 100%, it will still happen to some degree. Soon, the flow of retail buyers for beef will reduce even further, and **much of this flow will be captured** by the chain of **(i)** processed foods, **(ii)** pork or **(iii)** fresh chicken, in short, **key categories for BRF**.

So, although we recognize that there is an inflection in margins, which was already expected by the consensus, and **was confirmed by this 4Q24 result**, we still maintain an optimistic bias towards the case. This is because the fundamentals seem to us to still be favorable vs. the level of discount that has been created, given the selling pressure that investors have put on the stock since the beginning of the year. We believe that the trade down trend will bring more volume to the company over the course of 2025 vs. 2024. On the other hand, as we have already stated in this report, we have increased our **25E CAPEX** expectation to **+7.5% vs. previous Est.**, reducing our **FCF yield** to **13.5%** (vs. 15% previously). This brings us to the **second 12M Target Price cut in a row**, now at **R\$23.00** (vs. R\$24.50 previously), indicating an **upside** of **+20.99%**.

Appendix: BRF

Figure 1. BRF – Income Statement in R\$ Millions (Genial Est. 2024-2027)

Income Statement	2024E	2025E	2026E	2027E
Net Revenue	60.280	65.767	67.539	70.995
(-) COGS	(44.246)	(49.523)	(54.031)	(55.021)
Gross Profit	16.034	16.244	13.508	15.974
(-) Expenses	(8.768)	(8.906)	(9.265)	(9.821)
Adjusted EBITDA	10.871	10.142	9.556	9.588
(-) D&A	(3.673)	(3.526)	(3.768)	(3.555)
EBIT	7.198	6.616	5.788	6.033
(+/-) Financial Result	(1.933)	(3.560)	(4.331)	(1.163)
(-) Taxes	(786)	(1.088)	(1.567)	(1.741)
Net Income	4.073	3.962	3.343	3.214
Profitability				
Net margin (%)	7%	6%	5%	5%

Figure 2. BRF – Cash Flow in R\$ Millions (Genial Est. 2024-2027)

Cash Flow (FCFF)	2024E	2025E	2026E	2027E
Net Revenue	60.280	65.767	67.539	70.995
(-) COGS	(44.246)	(49.523)	(54.031)	(55.021)
Adjusted EBITDA	10.871	10.142	9.556	9.588
EBIT	7.198	6.616	5.788	6.033
(-) Taxes	(786)	(1.088)	(1.567)	(1.741)
(+) D&A	3.673	3.526	3.768	3.555
(+ -) ΔWC	2.050	956	(34)	1.765
(-) Capex	(3.157)	(4.188)	(3.735)	(3.900)
FCFF	8.978	5.822	4.220	5.712

Disclosure Section

1. GENERAL DISCLAIMER

This report has been produced by the research department (“Genial Institucional Research”) of Genial Institucional Corretora de Câmbio, Títulos e Valores Mobiliários S.A. (“GENIAL INSTITUTIONAL CCTVM”). Genial Institucional is a brand name of Genial Investimentos CCTVM.

Genial Rating

	Definition	Coverage
Buy	Expected return above +10% in relation to the Company's sector average	49%
Neutral	Expected return between +10% and -10% relative to the Company's industry average	41%
Sell	Expected return below -10% in relation to the Company's sector average	5%
under Review	Under review	5%

This report may not be reproduced or redistributed to any other person, in whole or in part, for any purpose, without the prior written consent of GENIAL INSTITUTIONAL CCTVM. GENIAL INSTITUTIONAL CCTVM accepts no liability whatsoever for the actions of third parties in this respect.

This research report is for distribution only under such circumstances as may be permitted by applicable law. This research report has no regard to the specific investment objectives, financial situation or particular needs of any specific recipient, even if sent only to a single recipient. This research report is not guaranteed to be a complete statement or summary of any securities, markets, reports or developments referred to in this research report. Neither GENIAL INSTITUTIONAL CCTVM nor any of its directors, officers, employees or agents shall have any liability, however arising, for any error, inaccuracy or incompleteness of fact or opinion in this research report or lack of care in this research report’s preparation or publication, or any losses or damages which may arise from the use of this research report

GENIAL INSTITUTIONAL CCTVM may rely on information barriers, such as “Chinese Walls” to control the flow of information within the areas, units, divisions, groups, or affiliates of GENIAL INSTITUTIONAL CCTVM.

Investing in any non-U.S. securities or related financial instruments (including ADRs) discussed in this research report may present certain risks. The securities of non-U.S. issuers may not be registered with, or be subject to the regulations of, the U.S. Securities and Exchange Commission. Information on such non-U.S. securities or related financial instruments may be limited. Foreign companies may not be subject to audit and reporting standards and regulatory requirements comparable to those in effect within the United States.

The value of any investment or income from any securities or related financial instruments discussed in this research report denominated in a currency other than U.S. dollars is subject to exchange rate fluctuations that may have a positive or adverse effect on the value of or income from such securities or related financial instruments.

Past performance is not necessarily a guide to future performance and no representation or warranty, express or implied, is made by GENIAL INSTITUTIONAL CCTVM with respect to future performance. Income from investments may fluctuate. The price or value of the investments to which this research report relates, either directly or indirectly, may fall or rise against the interest of investors. Any recommendation or opinion contained in this research report may become outdated as a consequence of changes in the environment in which the issuer of the securities under analysis operates, in addition to changes in the estimates and forecasts, assumptions and valuation methodology used herein.

The locally listed shares of Brazilian companies may only be purchased by investors outside of Brazil who are “eligible investors” within the meaning of applicable laws and regulations.

2. ANALYST(S) DISCLOSURES AND CERTIFICATION

The principal analyst, IGOR GUEDES, is responsible for the content of this report and for meeting the requirements of Securities and Exchange Commission of Brazil (CVM) Instruction 598/2018.

The analysts hereby certify that the views expressed in this research report accurately reflect their personal views about the subject securities or issuers and it was prepared in an independent manner, including with respect to the person and to GENIAL INSTITUTIONAL.

The analyst hereby certifies that he (she) has no connection with any individual who works for the issuer(s) discussed in this report.

The analyst hereby certifies that he (she), or his (her) spouse or companion, either directly or indirectly, in his or her own name or on behalf of a third party, does not hold any of the securities covered in this report.

The analyst hereby certifies that he (she), or his (her) spouse or companion, is not directly or indirectly involved in the purchase, disposal or brokering of the securities covered in this report.

The analyst hereby certifies that he (she), or the his (her) spouse or companion, has no direct or indirect financial interest in the issuer covered in this report (other than trading shares in investment funds, in which the analyst cannot control, directly or indirectly, the administration or management of the fund, or which do not concentrate investments in sectors or companies that are covered by reports produced by the analyst).

The analyst's compensation is, directly or indirectly, determined by income from GENIAL INSTITUTIONAL's business and financial operations.

In addition, the analysts certify that no part of their compensation was, is, or will be directly or indirectly related to the specific recommendations or views expressed in this research report.

The compensation of the analyst who prepared this report is determined by research management and senior management (not including investment banking). Analyst compensation is not based on investment banking revenues, however, compensation may relate to the revenues of GENIAL INSTITUTIONAL CCTVM, its affiliates and/or subsidiaries as a whole, of which investment banking, sales and trading are a part. Compensation paid to analysts is the sole responsibility of GENIAL INSTITUTIONAL CCTVM.

The analyst hereby certifies that he (she), or his (her) spouse or companion, does not serve as an officer, director, or advisory board member of the subject company.

The principal analyst is responsible for the content of this report and for meeting the requirements of Securities and Exchange Commission of Brazil (CVM) Instruction 598/2018.

Unless otherwise stated, the individuals listed on the cover page of this report are research analysts.

3. ADDITIONAL DISCLOSURE

- (i) This document was prepared by GENIAL INSTITUTIONAL Research and is hereby supplied for the sole purpose of providing information about companies and their securities.
- (ii) The information contained herein is provided for informational purposes only and does not constitute an offer to buy or sell, and should not be construed as a solicitation to acquire, any securities in any jurisdiction. The opinions expressed herein regarding the purchase, sale or holding of securities, or with respect to the weighting of such securities in a real or hypothetical portfolio, are based on careful analysis by the analysts who prepared this report and should not be construed by current or future investors as recommendations for any particular investment decision or action. The investor's final decision should be made considering all of the risks and fees involved. This report is based on information obtained from primary or secondary public sources, or directly from companies, and is combined with estimates and calculations prepared by GENIAL INSTITUTIONAL CCTVM. This report does not purport to be a complete statement of all material facts related to any company, industry, security or market strategy mentioned. The information has been obtained from sources believed to be reliable, but GENIAL INSTITUTIONAL CCTVM does not make any express or implied representation or warranty as to the completeness, reliability or accuracy of such information. The information, opinions, estimates and projections contained in this document are based on current data and are subject to change. Prices and availability of financial instruments are indicative only and subject to change without notice. GENIAL INSTITUTIONAL CCTVM is under no obligation to update or revise this document or to advise of any changes in such data.
- (iii) The securities discussed in this report, as well as the opinions and recommendations contained herein, may not be appropriate for every type of investor. This report does not take into account the investments objectives, financial situation or particular needs of any particular investor. Investors who wish to buy, sell or invest in securities that are covered in this report should seek independent financial advice that takes individual characteristics and needs into consideration, before making any investment decision with respect to the securities in question. Each investor should make independent investment decisions after carefully analyzing the risks, fees and commissions involved. If a financial instrument is denominated in a currency other than an investor's currency, changes in exchange rates may adversely affect the price or value of, or the income derived from the financial instrument, and the reader of this report assumes all foreign exchange risks. Income from financial instruments may vary, and therefore their price or value may rise or fall, either directly or indirectly. The information, opinions and recommendations contained in this report do not constitute and should not be interpreted as a promise or guarantee of a particular return on any investment. Past performance does not necessarily indicate future results, and no representation or warranty, express or implied, is made herein regarding future performance. Therefore, GENIAL INSTITUTIONAL CCTVM, its affiliated companies, and the analysts involved in this report take no responsibility for any direct, indirect or consequential loss resulting from the use of the information contained in this report, and anyone using this report undertakes to irrevocably indemnify GENIAL INSTITUTIONAL CCTVM and its affiliates from any claims and demands.
- (iv) Prices in this report are believed to be reliable as of the date on which this report was issued and are derived from one or more of the following: (i) sources as expressly specified alongside the relevant data; (ii) the quoted price on the main regulated market for the security in question; (iii) other public sources believed to be reliable; or (iv) GENIAL INSTITUTIONAL CCTVM's proprietary data or data available to GENIAL INSTITUTIONAL CCTVM.

- (v)** No representation or warranty, either express or implied, is provided in relation to the accuracy, completeness or reliability of the information contained herein, except with respect to information concerning GENIAL INSTITUTIONAL CCTVM, its subsidiaries and affiliates. In all cases, investors should conduct their own investigation and analysis of such information before taking or omitting to take any action in relation to securities or markets that are analyzed in this report.
- (vi)** GENIAL INSTITUTIONAL CCTVM makes no representations herein that investors will obtain profits. GENIAL INSTITUTIONAL CCTVM will not share with investors any investment profits nor accept any liability for any investment losses. Investments involve risks and investors should exercise prudence in making their investment decisions. GENIAL INSTITUTIONAL CCTVM accepts no fiduciary duties on behalf of recipients of this report and in communicating this report is not acting in a fiduciary capacity. This report is not to be relied upon in substitution for the exercise of recipient's independent judgment. Opinions, estimates, and projections expressed herein constitute the current judgment of the analyst responsible for the substance of this report as of the date on which the report was issued and are therefore subject to change without notice and may differ or be contrary to opinions expressed by other business areas or groups of GENIAL INSTITUTIONAL CCTVM as a result of using different assumptions and criteria. The information, opinions and recommendations contained in this report do not constitute and should not be interpreted as a promise or guarantee of a particular return on any investment.
- (vii)** Because the personal views of analysts may differ from one another, GENIAL INSTITUTIONAL CCTVM, its subsidiaries and affiliates may have issued or may issue reports that are inconsistent with, and/or reach different conclusions from, the information presented herein. Any such opinions, estimates, and projections must not be construed as a representation that the matters referred to therein will occur. Prices and availability of financial instruments are indicative only and subject to change without notice. Income from financial instruments may vary, and therefore their price or value may rise or fall, either directly or indirectly.
- (viii)** This document may not be: (a) photocopied or duplicated in any manner, in whole or in part, and/or (b) distributed without GENIAL INSTITUTIONAL CCTVM's prior written consent. GENIAL INSTITUTIONAL CCTVM accepts no liability whatsoever for the actions of third parties in this respect.
- (ix)** Neither GENIAL INSTITUTIONAL CCTVM nor any of its affiliates, nor any of their respective directors, employees or agents, accepts any liability for any loss or damage arising out of the use of all or any part of this report.
- (x)** GENIAL INSTITUTIONAL CCTVM (or its affiliates, officers, directors or employees) may, to the extent permitted by law, have acted upon or used the information herein contained before the publication of this report and may have a position in securities issued by the companies mentioned herein and may make a market or act as a principal in any transactions in any such securities. Genial Institucional may from time to time perform investment banking or other services to, or solicit investment banking or other business from, the companies mentioned herein.

4. IMPORTANT DISCLOSURES FOR U.S. PERSONS

This research report was prepared by Genial Institucional CCTVM, a company authorized to engage in securities activities in Brazil. Genial Institucional CCTVM is not a registered broker-dealer in the United States and, therefore, is not subject to U.S. rules regarding the preparation of research reports and the independence of research analysts. This research report is provided for distribution to “major U.S. institutional investors” in reliance on the exemption from registration provided by Rule 15a-6 of the U.S. Securities Exchange Act of 1934, as amended (the “Exchange Act”) and is not being provided pursuant to a soft-dollar arrangement.

Any U.S. recipient of this research report wishing to effect any transaction to buy or sell securities or related financial instruments based on the information provided in this research report should do so only through Auerbach Grayson & Company LLC ("AGCO"), a registered broker dealer in the United States with an office at 20 West 55th Street New York, NY 10019, (212) 453-3523 . Under no circumstances should any recipient of this research report effect any transaction to buy or sell securities or related financial instruments through Genial Institucional CCTVM.

If the report is to be distributed to anyone other than Major U.S. Institutional Investors in the United States. AGCO accepts responsibility for the contents of this report as provided for in relevant SEC releases and SEC staff no-action letters.

The analyst whose name appears in this research report is not registered or qualified as a research analyst with the Financial Industry Regulatory Authority (“FINRA”) and may not be an associated person at Auerbach Grayson & Company LLC ("AGCO") and, therefore, may not be subject to applicable restrictions under FINRA Rules on communications with a subject company, public appearances and trading securities held by a research analyst account.

The disclosures contained in research reports produced by GENIAL INSTITUTIONAL CCTVM and distributed by Auerbach Grayson & Company LLC ("AGCO") in the U.S. shall be governed by and construed in accordance with U.S. law. This report may not be reproduced or redistributed to any other person, in whole or in part, for any purpose, without the prior written consent of GENIAL INSTITUTIONAL CCTVM. Additional information relative to the financial instruments discussed in this report is available upon request.

UK Disclaimer:

(i) This document is STRICTLY CONFIDENTIAL to the recipient, may not be distributed to the press or other media and may not be reproduced in any form. this document is directed only at persons who are “INVESTMENT PROFESSIONALS” falling within article 19(5) of the FSMA 2000 (FINANCIAL PROMOTION) ORDER 2005, or HIGH NET WORTH BODIES falling within ARTICLE 49(2) of that order (together THE “RELEVANT PERSONS”). This document must not be acted on or relied on by persons who are not RELEVANT PERSONS.

(ii) The distribution of this document in other jurisdictions may be restricted by law and persons into whose possession this document comes should inform themselves about, and observe, any such restrictions. Any failure to comply with these restrictions may constitute a violation of the laws of any such other jurisdiction.

Copyright 2024 GENIAL INSTITUTIONAL CCTVM