

MINERVA

3Q23 Review: It rained, but the result was drained

LatAm Meatpackers

Main takeaways:

(i) We saw a weak result, with net revenue lower than expected, due to poor dynamic on sales prices in both foreign and domestic markets, and margins slightly lower than we had estimated; (ii) Brazil was the main positive highlight, due to the more favorable cattle cycle; (iii) Paraguay was the main negative highlight, being affected by weather problems in the country (excessive rain); (iv) We remain optimistic about China's structural demand for beef in the medium and long term, but in the short term we see a demand that should not sustain a high price level; (v) We believe that Paraguay should once again shine in the company's results if the weather problem ceases; (vi) Minerva is trading at **4.0x EV/EBITDA 24E**, way below historical average of 5.4x EV/EBITDA. So, we reiterate our **BUY rating** with a **12M Target Price of R\$14.00**, giving the shares an **upside of +77.66%**.

Minerva released its 3Q23 results today, after the market closed. It was a weak quarter, considering that **net revenue came in below our expectations** and we were already more pessimistic than consensus. With a more impoverished revenue dynamic and similar costs, the EBITDA margin was also below our projections. On a quarterly basis, there was a small increase in volume (+5.5% q/q in the foreign market and +7.6% q/q in the domestic market), but sales prices were lower (-8.3% q/q in the foreign market and -5.6% q/q in the domestic market).

In this case, **the increase in volume did not offset the downtrend in prices**, causing revenue to shrink. As for the EBITDA margin, we saw a small expansion both year-on-year (+0.5 p.p. y/y) and on quarterly basis (+0.3 p.p. q/q), made possible by the more positive cattle cycle in Brazil. **Brazil was the quarter's main positive highlight**, due to the **favorability of the cycle**, marked by a high availability of cattle and, consequently, low acquisition costs for animals at the slaughter stage. **Paraguay, on the other hand, was the main negative highlight**, due to atypical weather problems in the country in 3Q23. Excessive rainfall made it difficult to transport livestock cargo to the slaughter plants, significantly reducing volume.

Valuation and rating. Although we classify the 3Q23 result as discouraging, we try to look at other characteristics that make us believe that Minerva's performance tends to be better than its peers in the short term. We ascertained a **considerable discount** when we see that Minerva is trading at **4.0x EV/EBITDA 24E** (vs. historical average of 5.4x EV/EBITDA). We expect that (i) the positive cattle cycle in Brazil will continue to favor margins; (ii) the company will once again benefit from the positive cycle in Paraguay, after the weather adversities that were atypical and exclusively affected this quarter; (iii) the volume of beef exports to the US will grow, given the negative cattle cycle in the country and (iv) Chinese structural demand for beef will continue to grow in the medium and long term. We therefore reiterate our **BUY rating** for the company's shares, with a **12M Target Price of R\$14.00**.

Analysts

Igor Guedes

+55 (11) 3206-8248
igor.guedes@genial.com.vc

Lucas Bonventi

+55 (11) 3206-8246
lucas.bonventi@genial.com.vc

Renan Rossi

+55 (11) 3206-8245
renan.rossi@genial.com.vc

Company

BEEF3 BZ Equity

Buy

Price: R\$ 7.88 (08-Nov-2023)

Target Price 12M: R\$ 14.00

Net revenue was reported at R\$7.1bn (-6.0% vs. Genial Est), down -16.2% y/y. EBITDA stood at R\$714mn (-9.4% vs. Genial Est.), down -11.5% y/y. As a result, the company achieved an EBITDA margin of 10.1% (-0.4 p.p. vs. Genial Est.), which despite being below expectations, achieved growth of +0.5 p.p. y/y. The slight margin expansion reflected lower costs, mainly due to the greater availability of cattle in Brazil. Finally, net income was R\$141mn (-35.3% vs. Genial Est.), marking a slowdown of -0.4% y/y, and consolidating a weaker performance delivery than we were expecting.

Positive points. The main positive highlights of 3Q23 were **(i)** the positive cattle cycle in Brazil, which enabled a margin expansion of +0.3 p.p. q/q and +0.5 p.p. y/y; **(ii)** Net revenue growth in Uruguay (+2.1% q/q; +29.5% y/y), due to a greater boost in volumes (+5.2% q/q; +63.5% y/y), despite the tighter supply of cattle putting pressure on costs; and **(iii)** the viability of the strategy of exporting a greater volume of beef to the US, which is suffering from the unfavorable cattle cycle, pushing up COGS. The cuts' prices are also up driven by strong demand. By offering a product that originates in a country where the cost of slaughter is lower, the sales margin tends to rise. We are optimistic about that.

Negative points. On the negative side, we saw **(i)** a drop in average beef sales prices (-8.3% q/q on the foreign market and -5.6% q/q on the domestic market), damaging net revenue, which slowed by -2.5% q/q, despite higher volumes (+5.5% q/q on the foreign market and +7.6% q/q on the domestic market); **(ii)** even weaker volumes in Argentina (-9.3% q/q; -11.8% y/y), impacted by the country's economic and political volatility; **(iii)** Paraguay with discouraging figures, delivering anemic revenue (-23.4% q/q; -28.5% y/y), as a result of the climatic problem of excessive rainfall faced in the region in 3Q23; **(iii)** Revenue in Brazil with timid growth on a quarterly basis (+3.9% q/q), despite strong acceleration in volumes (+26.2% q/q), due to sales pricing with impoverished dynamics.

Chinese structural demand should continue to grow in the medium and long term, but in the short term it may face bumps. Although we saw stronger demand in July, it weakened significantly in August. There was also a drop in export volumes, with a small rebound in September. In our view, the RMB/USD exchange rate is one of the factors that helps explain this short-term volatility.

In the short term, we see demand not being strong enough to sustain higher beef sales prices. We therefore estimate that in the coming quarters, even with Chinese demand helping to contribute to sequentially higher export volumes, sales prices should remain close to stable. However, in the medium and long term, we remain optimistic due to factors such as **(i)** the westernization of demand for beef protein in China; **(ii)** the expansion of the Chinese middle class and **(iii)** beef consumption per capita in China is still well below the world average, with ample room for growth (~4kg per capita vs. ~15kg OECD average).

More focus on export strategy to the US. In our view, the scenario of low cattle availability, and consequently higher costs, combined with a resilient demand for beef in the US market, offers a great opportunity for Minerva to benefit as it can **(i)** increase the volume of processed beef exported from Brazil and **(ii)** export a higher volume of premium cuts from Uruguay. This dynamic could help Minerva to grow its top line.

Table 1. Income Statement Minerva (3Q23 vs. Genial Est.)

(R\$ millions)	3Q23			2Q23		3Q22	
	Reported	Genial Est.	% R/E	Reported	% q/q	Reported	% y/y
Net Revenue	7.068	7.517	-6,0%	7.277	-2,9%	8.438	-16,2%
COGS	(5.591)	(6.057)	-7,7%	(5.765)	-3,0%	(6.779)	-17,5%
Gross Profit	1.478	1.460	1,2%	1.512	-2,3%	1.659	-10,9%
Gross Margin (%)	20,9%	19,4%	1,48p.p	20,8%	0,13p.p	19,7%	1,24p.p
EBITDA	714	788	-9,4%	711	0,4%	806	-11,5%
EBITDA Margin (%)	10,1%	10,5%	-0,39p.p	9,8%	0,33p.p	9,6%	0,54p.p
Net Income	141	218	-35,3%	121	16,5%	142	-0,4%
Net Margin (%)	2,0%	2,9%	-0,91p.p	1,7%	0,33p.p	1,7%	0,32p.p

Source: Minerva, Genial Investimentos

Our Take on Minerva

For the next few quarters, we project a small increase in top line, driven more by the volume variable than the price, given that beef sales prices should remain stable in the short term. We believe that the company's positive highlights should continue to come mainly from Brazil.

It rained, but the result was drained. We believe that the main factor that led us to classify the result as negative was the excessive rainfall, which hampered the logistics of live cargo to slaughterhouses in Paraguay. Although we were aware of this situation, and mentioned this dynamic in our results preview, which is attached below ([3Q23 Preview: Just a scratch...](#)), the reduction in volume was more intense than our projections. Minerva delivered a shipment volume of 51.4Kt (-5.3% vs. Genial Est.) through its plants in Paraguay, which implies a reduction of -17.2% y/y.

We have to consider that the biggest disappointment in 3Q23 is linked to a one-off dynamic. This is because the company has already confirmed that logistics to the slaughter plants have been re-established, given the normalization of the climate problem of excessive rainfall in Paraguay. Rainfall in September and October exceeded 16x the historical average, caused by the abnormal rise in temperature linked to the El Niño phenomenon. We therefore believe that the country will once again shine in the company's results as the situation has settled down.

In addition, back to commenting on the main topic surrounding investors' discussions today when it comes to Minerva, related to the process of acquiring Marfrig's 16 plants for R\$7.5bn. Undoubtedly, we believe that this dynamic has brought an additional dose of uncertainty to the investment thesis. This is due to the lack of confidence in the assets' real need for working capital, which are supposed to be plug-and-play. In addition, investors seem to be extremely concerned about the debt increase, pulling up the company's leverage, reaching **3.3x Net Debt/EBITDA 23E** vs. 2.5x in our previous estimates before the acquisition.

We have seen some short positions being structured. We believe that investors have set up short positions in the company's shares and any slightest reason to deviate from consensus expectations could create considerable selling pressure. So, we expect a negative reaction from investors tomorrow. Even if this came up to be true, and the stock prices were to fall very sharply, **the move would not be rational.**

But why are we still bullish? We ascertained a considerable discount when we see that Minerva is trading at **4.0x EV/EBITDA 24E** (vs. historical average of 5.4x EV/EBITDA). We are aware the uncertainties related to the acquisition and for the increase in the company's leverage, which already this quarter showed signs of rising, going to **2.8x Net Debt/EBITDA LTM** (vs. 2.2x in 3Q22, and basically stable vs. 2Q23).

However, we believe that Minerva is still currently positioned with the **most favorable operation dynamics among peers in short term.** We list them as: **(i)** the favorable cattle cycle in Brazil and Paraguay, with a possible inflection in Uruguay (which we see occurring at the end of 1H24); **(ii)** long-term structural Chinese demand, which should ensure growth in export volumes and **(iii)** a higher volume of exports to the US market.

As the figures delivered by the company were weaker than the market had expected, and as we said, we believe that the **shares could face selling pressure tomorrow**, but triggered to an event that will not be repeated. From a rational point of view, we continue to see a **relevant asymmetry between the price and the fair value of the company.** So, we reiterate our **BUY rating**, with a **12M Target Price of R\$14.00.**

Appendix: Minerva

Figure 1. Minerva – Income Statement in R\$ Millions (Genial Est. 2023-2028)

Income Statement	2023E	2024E	2025E	2026E	2027E	2028E
Net Revenue	28.110	29.841	32.303	33.112	34.244	35.986
(-) COGS	(22.662)	(23.523)	(25.817)	(26.588)	(27.714)	(29.028)
Gross Profit	5.447	6.318	6.487	6.525	6.530	6.958
(-) Expenses	(2.794)	(2.995)	(3.245)	(3.258)	(3.380)	(3.576)
Adjusted EBITDA	2.653	3.322	3.242	3.267	3.150	3.382
(-) D&A	(537)	(458)	(494)	(509)	(515)	(517)
EBIT	2.117	2.864	2.748	2.758	2.635	2.865
(+/-) Financial Result	(1.445)	(1.649)	(1.299)	(1.126)	(1.418)	(1.331)
(-) Taxes	(94)	(199)	(237)	(267)	(199)	(251)
Net income	578	1.017	1.212	1.365	1.018	1.283
Profitability						
Net margin (%)	2,05%	3,41%	3,75%	4,12%	2,97%	3,57%

Figure 2. Minerva– Cash Flow in R\$ Millions (Genial Est. 2023-2028)

Cash Flow (FCFF)	2023E	2024E	2025E	2026E	2027E	2028E
Net Revenue	28.110	29.841	32.303	33.112	34.244	35.986
(-) COGS	(22.662)	(23.523)	(25.817)	(26.588)	(27.714)	(29.028)
Adjusted EBITDA	2.653	3.322	3.242	3.267	3.150	3.382
EBIT	2.117	2.864	2.748	2.758	2.635	2.865
(-) Taxes	(94)	(199)	(237)	(267)	(199)	(251)
(+) D&A	537	458	494	509	515	517
(+/-) Δ WK	2	(91)	7	(10)	(1)	(34)
(-) Capex	(1.356)	(1.139)	(741)	(610)	(566)	(517)
FCFF	1.206	1.893	2.271	2.379	2.383	2.580

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 Brasil Plural Securities LLC, a registered broker dealer in the United States with an office at 545 Madison Ave., New York, NY 10022, (212) 897-3737. 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.

Brasil Plural Securities LLC accepts responsibility for the contents of this research report, subject to the terms set out below, to the extent that it is delivered to a U.S. person other than a major U.S. institutional investor.

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 of Brasil Plural Securities LLC 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 Brasil Plural Securities LLC 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 2023 GENIAL GENIAL INSTITUTIONAL CCTVM