

SUMMARY VERSION

Annual Report 2023

Cintia Ribeiro da Silva Barros,
Mechanical Turner at
Sorocaba (SP) facility

**Aluminum to
transform**



Aluminum to transform

The transformation opportunities enabled by CBA's aluminum are infinite. The Company's aluminum operations—spanning from Sustainable Mining of bauxite to primary and downstream products—serve a wide range of industries.

The positive impact from CBA's activities reaches across customers, suppliers, employees, and the communities where the Company operates.

By understanding its responsibility and leadership role in building a better world, CBA transforms lives through aluminum.



Stock photo

About CBA

Present in

7 Brazilian states



More than

6,000
employees



Over

500,000 metric tons

of primary and downstream products produced annually



Aluminum products sold

to the automotive, building and construction, energy, agribusiness, consumer goods, packaging, transportation, and metallurgical industries



With a mission to **deliver aluminum solutions that transform people's lives**, CBA's competitive advantages include self-sufficiency in bauxite and alumina, a fully vertically integrated value chain, installed capacity to generate, from renewable sources, 100% of the Company's electricity requirement, and a strategy that places sustainability and innovation at its core.



A publicly traded company

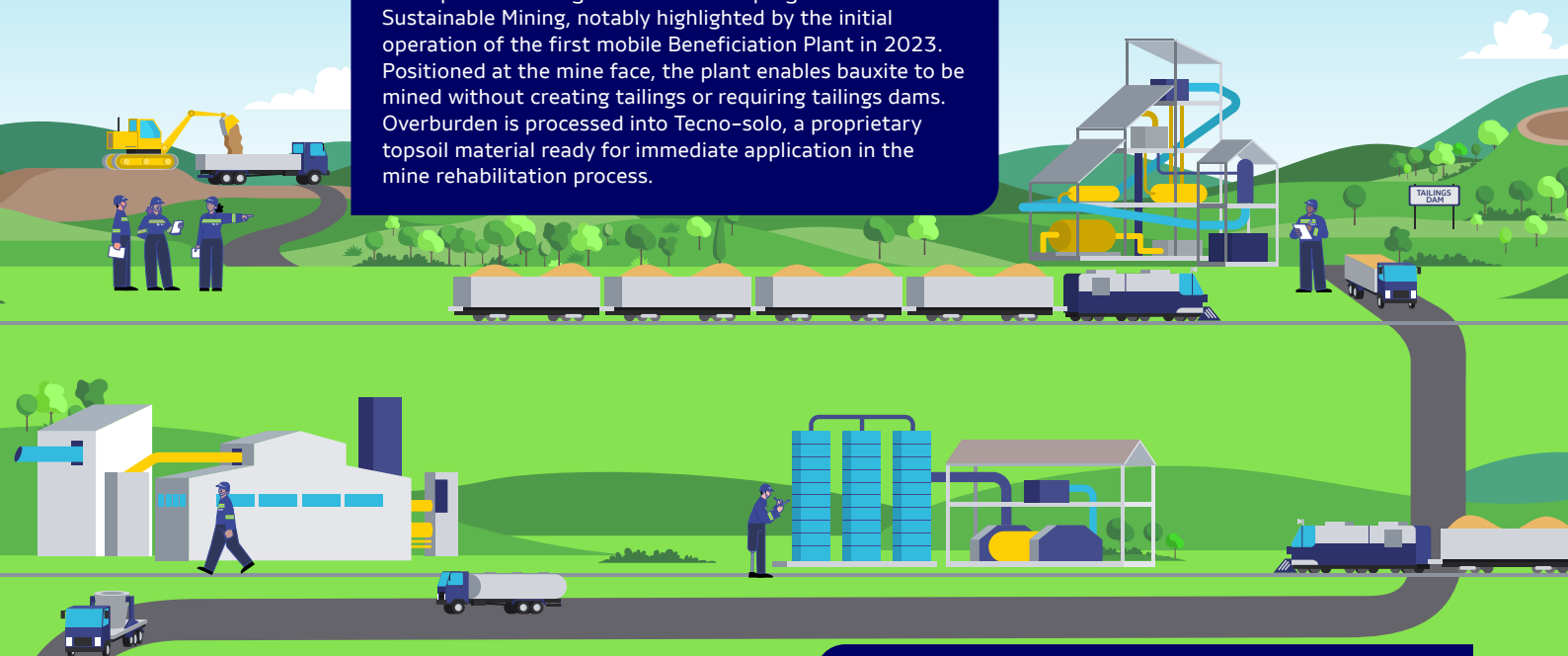
listed on **B3's Novo Mercado segment**

Primary Business

Mines

Annual bauxite processing capacity of 3 million metric tons

Bauxite is mined using CBA's proprietary Sustainable Mining process, which allows mined land to be reclaimed with environmental and economic benefits. The Company takes pride in having made continued progress in Sustainable Mining, notably highlighted by the initial operation of the first mobile Beneficiation Plant in 2023. Positioned at the mine face, the plant enables bauxite to be mined without creating tailings or requiring tailings dams. Overburden is processed into Tecno-solo, a proprietary topsoil material ready for immediate application in the mine rehabilitation process.



Smelters

Annual production capacity of 430,000 metric tons of liquid aluminum*

**Following Pot Room 1 upgrade and restart*

At the smelters, anode paste and electrolyte bath are added to the alumina. The alumina is converted into liquid aluminum and transported to different departments at the Casthouse.

Refinery

Annual alumina processing capacity of 800,000 metric tons*

**After completion of a liquor purification project*

The ore is mixed to form a blend. At the Refinery, aluminum oxide (alumina) is extracted through chemical reactions with alkaline solutions under high pressure and temperature.

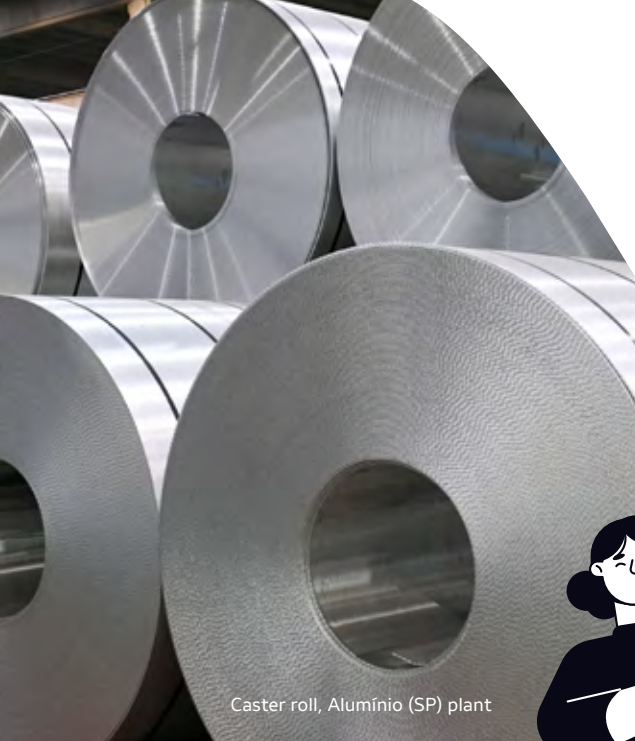
CBA's Refinery is an industry benchmark for low carbon alumina, with process steam generated from biomass. Compared to global average refinery emissions of 2 tCO₂e/t oxide, according to the International Aluminium Institute (IAI), CBA emits 10 times less at only 0.2 tCO₂e/t. This is the lowest level of refinery emissions in the world according to global consulting firm CRU.



Casting

Annual production capacity of 518,000 metric tons of cast products considering at CBA's Alumínio, Metalex and Alux plants

At this stage of the process, the liquid aluminum is fed into the Casting furnaces, along with master alloys and externally sourced ingots, if necessary. The primary product is then cast into ingots, billets, slabs, caster rolls and rods, depending on the type of operation. Also at the Casting stage, aluminum scrap and other inputs are recycled.



Downstream Business

- Annual production capacity of **85,000 metric tons of sheet** and **80,000 metric tons of foil** at the Alumínio (SP) plant and Itapissuma (PE) rolling mill
- Installed capacity to produce **55,000 metric tons of extruded profiles annually** at the Alumínio (SP) plant

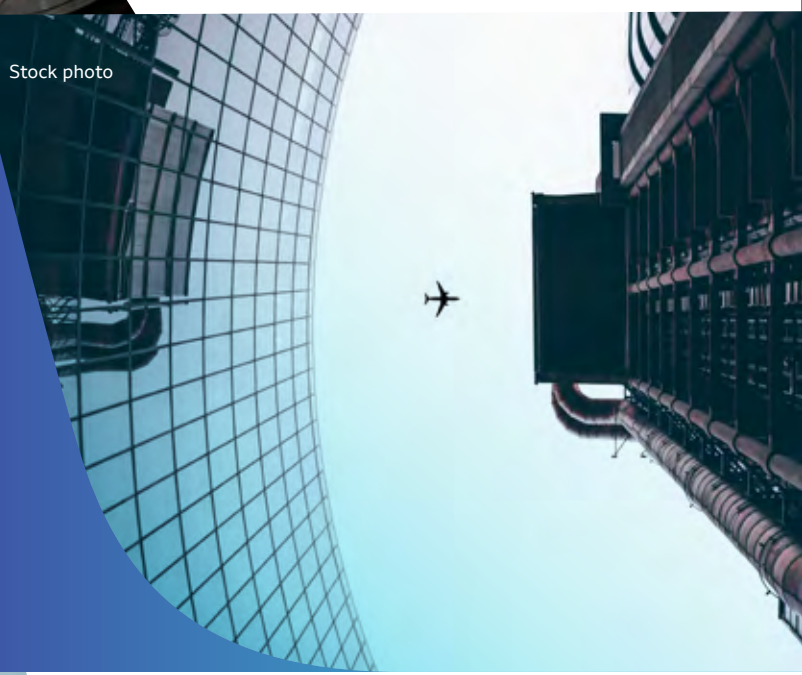


Caster roll, Alumínio (SP) plant

Primora brand growth

CBA expanded its Primora-branded line of aluminum window and door frames through a distribution network in strategic markets within the construction industry. One of Primora's major competitive advantages is its **use of low-carbon aluminum**, which aids customers looking to secure LEED (Leadership in Energy and Environmental Design) certification for sustainable buildings.

Stock photo



Energy Business

CBA uses 100% traceable renewable electricity sources in its production process, and has a substantial portfolio of generation assets:

- **22 hydroelectric power plants** in 6 Brazilian states, including 16 wholly-owned plants and 6 facilities jointly owned either directly or through joint ventures, with a total installed capacity of 1,462.7 MW
- **2 wind complexes**, with a total installed capacity of 171.6 MW, in which CBA has a 168.2 MW stake



Increasingly digital and innovative

CBA's digital transformation journey is one of the key strategies of the Company. After all, innovation is crucial for sustainable performance, business competitiveness, talent enhancement, and value creation.



CBA's employee during a safety training

DigitALL: "it's our movement"

CBA has the DigitALL Program, aimed at accelerating the Company's digital transformation to explore and capture value from digital trends. The program is supported by robust governance through an Innovation Committee, employee training, multidisciplinary projects, and investments in technology and innovation.



Key implementation and experimentation projects

- **Scrap video analytics** uses sensing and artificial intelligence to improve recycling line efficiency and aluminum quality
- **Digital Maintenance** to anticipate equipment failure and carry out preventive maintenance before it occurs, enhancing efficiency and cost savings



Employees of the Maintenance Management in the Asset Management sector, Alumínio (SP) plant

Progress on sustainability

Through CBA's 2030 ESG Strategy, the Company has set commitments on environmental, social, and governance (ESG) issues that are annually translated into compensation targets for all employees.



Participant in the Open Doors project at Legado Verdes do Cerrado Reserve (GO)

ESG 2030 Strategy Levers



Governance best practices



CBA's Leadership,
Corporate Office (SP)



CBA operates to the highest standards of corporate governance. Ethics, transparency, respect, and anti-corruption guide all its activities and relationships.

100% Transparency Movement

CBA is one of the ambassadors of the 100% Transparency Movement, an initiative led by the Global Compact Network Brazil that aims to encourage and empower companies to exceed legal requirements and improve their corporate transparency and integrity mechanisms. The initiative has set five targets to be achieved by 2030.

In 2023, **CBA was recognized in the inaugural Transparency 100% Movement Best Practices Awards.** The accolade recognized transparency and practices in addressing reports received through CBA's Ethics Hotline.

Sustainable value chain

Recognizing its significant and influential role throughout the various links of its value chain, CBA has implemented initiatives targeting each of its stakeholder groups, including initiatives to improve operating performance, drive innovation, and advance co-engineering projects. The Company also works to enhance sustainability practices among its partners through initiatives such as its Sustainable Procurement Program and Alennium label.



Fabiana Aparecida Silva, Production
operator, Alumínio (SP) plant

Supplier relations

CBA has focused on three main fronts in its supply chain efforts: sustainability, resilience, and digitalization.



Sustainable Procurement Program:

- Suppliers are assessed on ESG criteria
- A Supplier Performance Dashboard tracks the monthly performance of CBA's strategic suppliers across various aspects, including ESG, financial health, document management, commercial relationships, and operational efficiency
- Primary data collection of scope 3 greenhouse gas emissions from strategic suppliers

Customer relationships

CBA believes in the value of partnership. This is seen in the many co-engineering projects developed with customers, transforming aluminum into innovative solutions.

- Approximately 70 co-engineering projects developed with customers annually



Alennium – the label of the new millennium

Created to certify the Company's sustainable aluminum—which is produced with low carbon emission (less than 4 tCO₂e/t liquid aluminum at the smelter stage) and 100% renewable and traceable electricity—CBA's proprietary Alennium label is applied by several customers and on all Primora-branded window and door frames.

Transforming lives

People are the driving force behind CBA—from employees throughout the aluminum production chain, through suppliers, customers, consumers and business partners, to the communities surrounding the Company's operations. Beyond fostering safety, health, and professional and social development, CBA is committed to transforming lives through aluminum, leaving a legacy of sustainability and civics.



Jefferson Pereira de Andrade Silva,
Electromechanical, Metalex (SP)



Employees at Itapissuma (PE) plant

Employee engagement

For CBA to achieve its corporate goals, it is essential that employees align with and engage around the Company's culture pillars. Some key concepts explored among the employees include: digital transformation through new ways of working and new digital skills; progress on diversity, equity, and inclusion; and the rollout of CBA's 2030 ESG Strategy.

Diversity, equity and inclusion

The #MoreDiverseCBA program forms the basis of the Company's diversity, equity and inclusion initiatives. Recently, CBA promoted a personal data re-registration in compliance with the Brazilian General Data Protection Regulation (BR GDPR), to identify employee profiles through self-reported data on gender, race, and sexual orientation.



CBA named to IDIVERSA B3

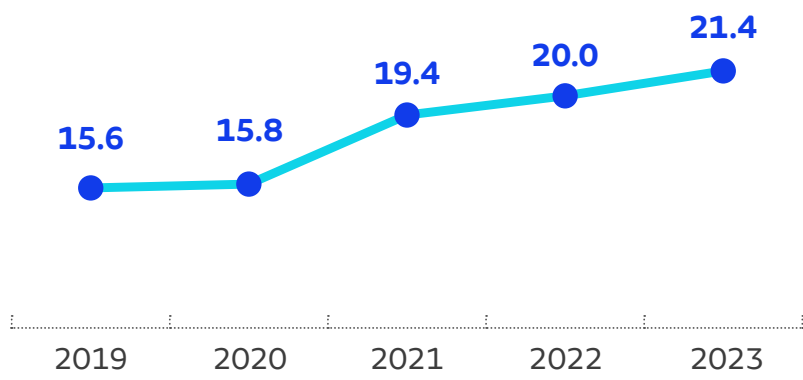
CBA was named to the inaugural portfolio of the B3 Diversity Index (IDIVERSA B3), which tracks the stocks of companies with outstanding gender and racial diversity practices.

Women in leadership

CBA had 21.4% of leadership positions filled by women in 2023.

Manager and above (%)

2025 Target: 25%



Health and safety

CBA strives to support the comprehensive well-being of its employees by addressing their primary needs—physical, financial, and emotional well-being—as well as extending various benefits to their families.

- **Certification against ISO 45001:2018, an international standard on Occupational Health and Safety Management Systems, for the Alumínio (SP) plant**

Community relations

CBA implements initiatives designed to build a social legacy across the pillars of education, public management support, economic development, rights advocacy and community development.



More than 40 projects transforming lives

- Through Partnership for Education (PVE), CBA helps municipal governments accelerate improvement in their Basic Education Development Index (Ideb) scores by approximately 30% to 45%.
- Since 2023, the Climate Action Initiative, a joint initiative with the Votorantim Institute and the Itaúsa Institute, has advanced practical strategies to tackle climate change and improve climate resilience in Brazilian cities.
- *Empreende Mulher*, an initiative that helps entrepreneurial people who identify as women to develop their businesses by providing training and seed capital.
- Each year, CBA's Volunteering Challenge engages employees in initiatives to support organizations in various sectors, including education, poverty and hunger alleviation, health and well-being promotion, and arts and culture.

Social mobilization action of the Partnership for Education Project - PVE, in Barro Alto (GO)

Legado das Águas Reserve (SP), Reservas Votorantim

Environmental protagonism

Decarbonization

CBA is an industry leader for low aluminum emissions intensity, with lower primary emissions than the global average and the lowest refinery emissions in the world*.

**According to a GHG emissions reporting tool developed by global consultancy CRU.*



Key GHG mitigation projects in line with CBA's 2030 ESG Strategy

Aluminio (SP) plant

Smelter Technology Upgrade

The pot feed system is being upgraded to a new automated spot feed technology that reduces greenhouse gas emissions (GHG) by 20%. The new technology is being implemented on a phased schedule.

Higher recycled content

Recycling is one of CBA's priorities. The replacement of primary aluminum with scrap avoids production steps with high GHG emissions and consumes 95% less energy, reducing the carbon footprint of the Company's products.

Carbon Capture, Storage, and Utilization (CCUS)

CBA's current CCUS research is exploring the use of Tecno-solo (enhanced topsoil), activated carbon, and zeolites, as well as new product applications for captured CO₂.

Biodiversity

- Approximately 630 km² of protected habitat, including the *Legado das Águas* and *Legado Verdes do Cerrado* reserves
- The company issues carbon credits via the REDD+ Brazilian Cerrado program
- Through its *Reflora* program, CBA restores disturbed land within legal reserves or protected areas on properties owned by small and medium-sized rural landowners. As part of the initiative, the Company provides seedlings, inputs, and labor for implementing the restoration projects on their lands



Wesley Dourado
Fernandes, Engineer,
*Legado Verdes do
Cerrado Reserve (GO)*

Marco Tardelli Silva Damasceno, Alumina
Production Engineer, Alumínio (SP) plant

Recycling is essential

Recycling is one of CBA's business levers as well as a 2030 ESG Strategy lever.

- **100% of the scrap CBA produces is recycled internally** along with externally sourced scrap, including from customers.

- Startup of a new scrap treatment line and establishment of CBA's Processing and Recycling Center in Araçariguama (SP), in a 1,500 m² area, with an installed capacity to process **6 thousand metric tons** of scrap per year.
- Alux has a production capacity of **46,000 metric tons** per year, with a portfolio including liquid aluminum, ingots and recycling services.
- The **ReAl Project**, using innovative proprietary technology patented by CBA, enables flexible and carton packaging to be fully recycled. Once scaled up, the plant will have a recycling capacity of 1.3 billion items per year, or around 38,000 metric tons.

Robust financial governance

CBA has a strong track record of more than 60 years of solid governance and financial management.

Learn more about the Company's governance performance in the financial statements.



Ratings, indices and commitments



ISE B3

ISE B3

Second consecutive year in the B3 ISE portfolio, remaining among the top 10



CDP CLIMATE CHANGE

A List (the first and only primary aluminum company in the world to make the list)

S&P Global

CSA

CBA's score of 61 points (61/100) is 40% higher than the industry average



SBTi

3 targets approved by the Science Based Targets initiative, making CBA the world's first primary aluminum producer to set SBTi-approved emissions reduction targets

CBA website: <https://cba.com.br/en/>
ESG Portal: <https://cba.com.br/en/esg-en/>
Investor relations: <https://ri.cba.com.br/en/>

Learn more about CBA in its Annual Report at
<https://www.cba.com.br/en/sustainability-report/>

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