Annual Report 2021

SUMMARY VERSION

Damares Prado da Conceição, logistics analyst, Corporate Office (SP)

CBA, from mine to end product

A bauxite yard at the Alumínio Plant (SP)

Driven by our purpose of "**delivering aluminum solutions that transform people's lives**," CBA operates as the only fully integrated, end-to-end aluminum producer in Brazil. In 2021 we became a publicly traded corporation with our listing on the Brazilian stock exchange ***B3's Novo Mercado segment***, and made significant progress on our ESG 2030 Strategy.

Production

1.90 million metric tons of bauxite processed per year

345,000 metric tons of molten aluminum produced per year

478,000 metric tons of primary and downstream products per year

Markets served

A CBA supplies low-carbon aluminum to the following industries:

- Automotive
- Building & construction
- Electric utilities
- Agribusiness
- Consumer goods
- Packaging
- Transportation

Financial management

Sales volume of **485,000** metric tons

Leverage of **1.08** (3.08 in 2020)

Obtained a revolving credit facility of **US$ 100 million** with pricing terms linked to annual reductions of greenhouse gas emissions, and issued R$ 230 million in debentures linked to environment-related projects

Adjusted EBITDA of **R$ 1.5 billion** (+132% YoY)

Net revenue of **R$ 8.4 billion** (+56% YoY)

Innovation as an imperative

16 solutions launched throughout the year

84 projects in our innovation pipeline

R$ 4.2 million invested in innovation in 2021

R$ 27.3 million in digital transformation projects

A casthouse at Alux do Brasil, Nova Odessa (SP)

The *Legado Verdes do Cerrado* reserve, a CBA-sponsored protected area in the state of Goiás

A comprehensive commitment to sustainability

Delivering an offering of low-carbon aluminum products and sustainable solutions in collaboration with stakeholders, while developing the communities where we operate and positively influencing the end-to-end aluminum value chain. This is the goal we have set out to achieve as the basis of our ESG 2030 Strategy.

ESG 2030 Strategy

10 ESG levers

Governance is essential

Lilian Benassi Benatti, DHO analyst, Corporate Office (SP)

In 2021 CBA set up a Statutory Audit Committee and a Sustainability Committee to advise the Board of Directors

CBA has always aspired to the highest standards of corporate governance.

Ethics and transparency

- Joined the **100%,** Transparency Movement, an initiative linked to the Global Compact Network Brazil
- Launched our own **Code of Conduct**

ESG ownership

- After previously achieving dual ASI certification for three mines, our integrated aluminum plant and our corporate headquarters, in 2021 CBA's Itapissuma facility expanded its certification to include the Chain of Custody Standard, and Metalex was certified to the Performance Standard

100% of Aluminum Business employees eligible for variable compensation have been assigned ESG performance targets

A sustainable value chain

Through our Sustainable Procurement Program, CBA is supporting and engaging strategic partners in building solutions together

IN 2021:

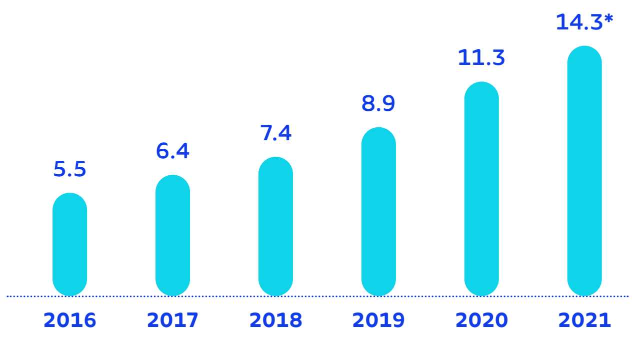
- Launched a Sustainable Procurement Policy with ESG guidelines on supply chain and procurement processes
- Began screening critical suppliers against ESG criteria

A farmer in Zona Mata (MG) benefited by our mine reclamation program

Social value

Diversity and Inclusion

Significant increase in women's participation in the workforce:



Women at CBA (%).

Excludes interns, apprentices and employees on leave

Diversity

CBA has established:

- a Diversity Committee
- a Diversity and Inclusion Policy and Guide
- Affinity Groups to drive progress on these issues

More than **250 women** from our communities have received training in partnership with SENAI to work as metallurgical process operators

And **24** have since been hired by CBA until December 2021

OUR PEOPLE

Health and safety first

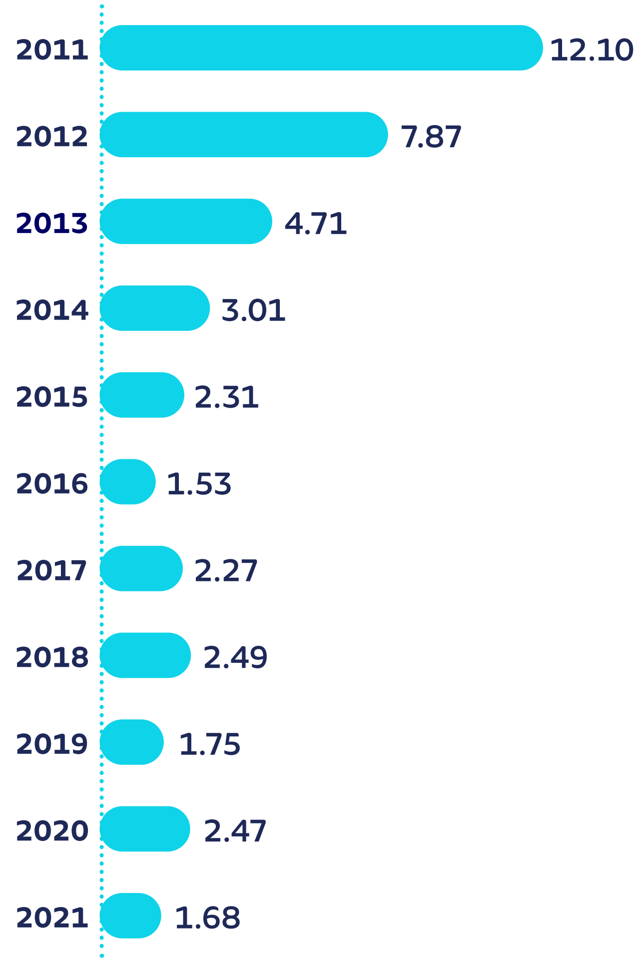
Health and safety are nonnegotiable at CBA.

CBA has an integrated management system policy that addresses health and safety matters affecting CBA employees and contractors, based on applicable safety regulations, ISO 45001 and OHSAS18001. CBA takes safety beyond minimum legal requirements to achieve industry best practices.

During the COVID-19 pandemic, we spared no effort in prevention to protect our employees. We invest continuously in technology, equipment, engineering and process improvements, and work to cultivate an organizational culture that supports employee health and safety.

In 2021 we implemented a hybrid working model in which employees who are able to telecommute spend some days of the week working from home.

Rate of lost-time and no-lost-time injuries per 1,000 man-hours worked



Note: The rate of lost-time and no-lost-time injuries per 1,000 man-hours worked.

COMMUNITY SUPPORT

CBA's social action strategy is grounded in three pillars: Education Development, Public Management Support and Economic Development.

IN 2021:

R$ 5.8 million invested in **32 social initiatives**

We continued to support the COVID-19 response through the Healthcare arm of Votorantim's Public Management Support (*AGP-Saúde*) program, benefiting eight municipalities with a total population of around **340,000 people**

An estimated **2,400 lives** may have been saved in the cities hosting COVID-19-related *AGP-Saúde* initiatives

More than **R$ 684,000 in income generated** for **82** direct **beneficiaries** of the *ReDes* program

22,000 students were reached by the Partnership for Education (PVE) program

The Environmental Education Program (PEA) celebrated its **20th anniversary** with around **145,000 people reached** in 12 municipalities

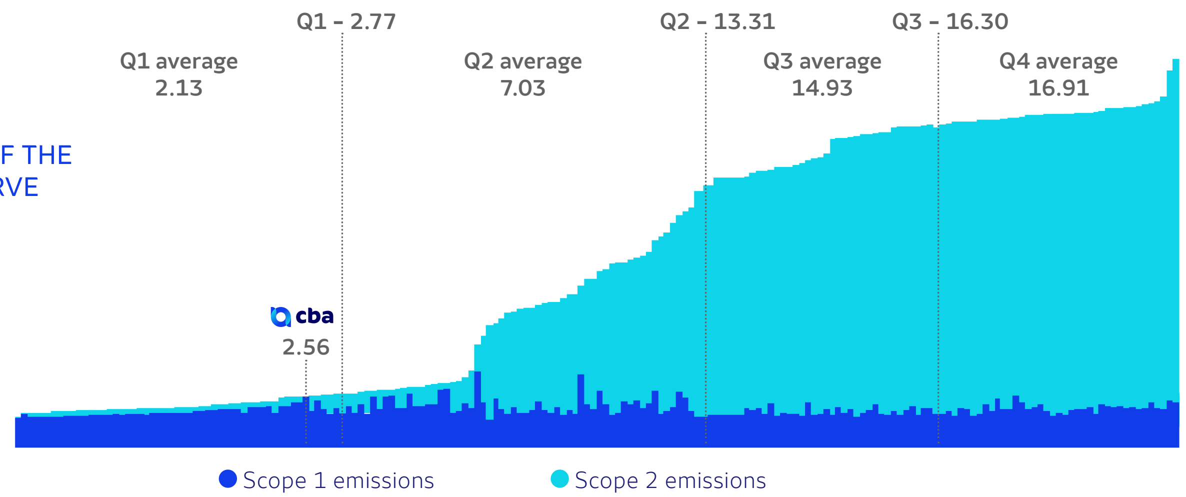
Production expansion project, Intermunicipal Seamstress Association of Santo Antônio do Rio Preto

Environmental preservation

The *Legado das Águas* Reserve (SP), Reservas Votorantim

SMELTER EMISSIONS INTENSITY (tCO_2e/tAl)

FIRST QUARTILE OF THE GLOBAL COST CURVE



Source: CRU - Smelter Cost Model CRU (2021).

CBA produces low-carbon aluminum—with most of our electricity requirement sourced from clean hydropower plants owned by the Company and by joint-venture plants. Globally, emissions in aluminum smelting average 12.8 tCO_2e per metric ton produced[1]. Aluminum is considered to be low-carbon at an emissions level lower than 4[2] metric tons of CO_2, and CBA's operations are already well beneath this threshold at 2.56

Sources:
[1] Greenhouse Gas Emissions - Primary Aluminium - International Aluminium Institute
[2] Carbon Trust - The Case for low Carbon Primary Aluminium Labelling

Climate change management

- Emissions inventories given Gold reporting status since 2018
- Leadership-level score of "A-" for our disclosures to the Climate Disclosure Project (CDP)
- Become a supporter for the Task Force on Climate-Related Financial Disclosures (TCFD)
- Submitted a science-based target to the SBTi initiative

ESG Strategy Goal:
reduce CO_2e emissions by 40% (on average for cast products, cradle-to-gate)

25.4% 40%

Progress until 2021 toward our target for 2030 - From a 2019 baseline

CO_2e emissions reduced by
25.4%
(on average for cast products, cradle-to-gate, from a 2019 baseline), with a reduction of 8.4% in 2021

Smelters at Alumínio (SP)

Emissions reducing projects:

SMELTER TECHNOLOGY UPDATE: a project to switch the smelter pot feeding process to an intermittent feed system.

The pot upgrades completed so far have generated emissions reductions of
17,994
tCO_2e

BIOMASS-FUELED BOILER: at the Alumina Refinery, a retrofit project replaced the natural gas or oil used to fuel the boilers with woodchip biomass from eucalyptus plantations

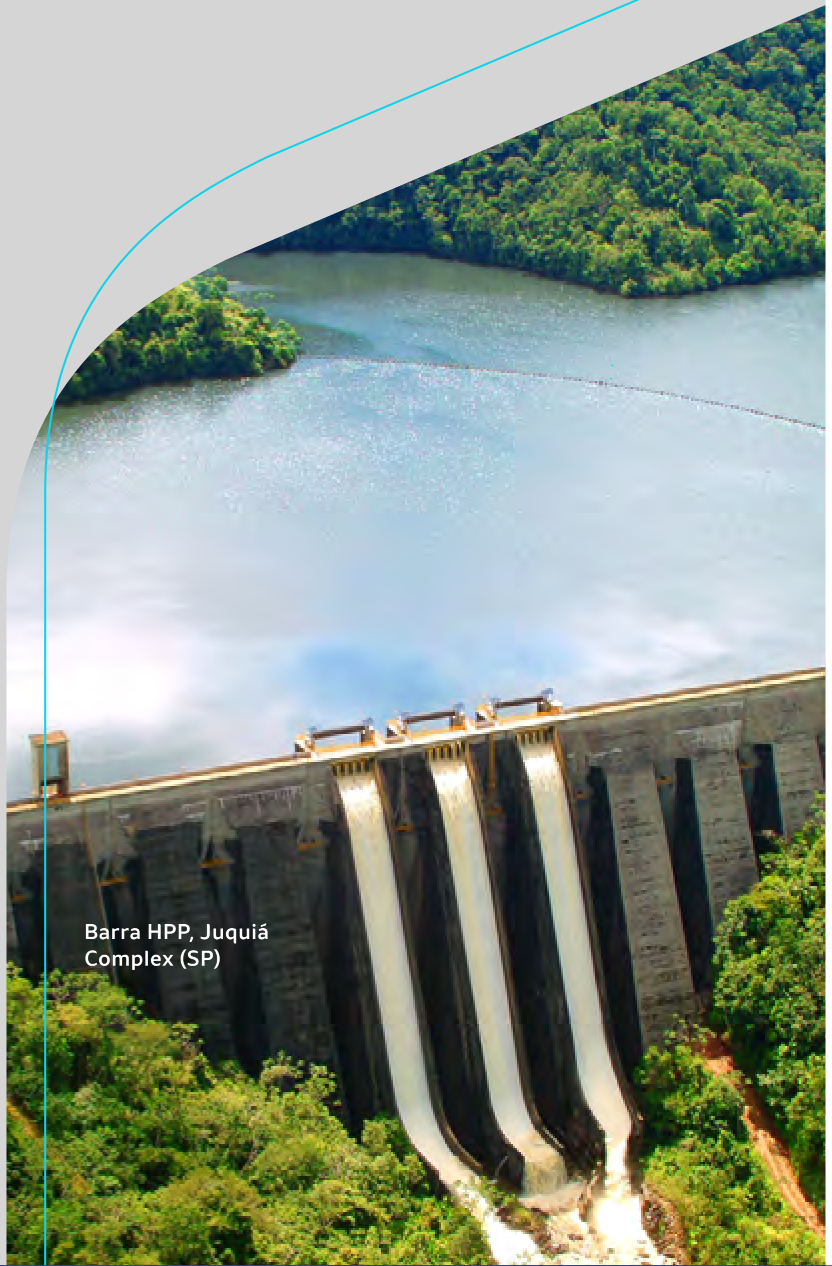
CO_2e emissions intensity fell from 0.55 tCO_2e/t of aluminum oxide in 2019 to 0.20 tCO_2e/t in 2021 (compared to a global industry average of 1.21 tCO_2/t)

63.1%
reduction in GHG emissions
at this production stage since biomass-fueled boiler project inception

Energy, our differentiator

- **Energy Business :** CBA has created a dedicated business unit to manage our 15 wholly-owned hydropower plants and 6 joint-venture plants, which were previously managed by Votorantim Energia
- **Wind farms:** CBA has announced investments in two wind farms—Santo Anselmo and Ventos de Santo Isidoro—with an installed capacity of 171.6 MW

100%
of our power consumption
is renewable and traceable



Barra HPP, Juquiá Complex (SP)

Besides Metalex, a **dedicated recycling** facility, our Itapissuma and Alumínio plants also recycle aluminum scrap.

Alux Acquisition: CBA has acquired 80% of Alux do Brasil, one of Brazil's top producers of secondary aluminum.

Sidewell Furnace: a new melting furnace for scrap recycling will increase production capacity at Metalex to 90,000 metric tons per year.

ReAl Project: this proprietary project has developed a groundbreaking, patented technology for recycling the aluminum content in multilayered cartons and flexible packaging. The process is expected to start operation in 2023.

Stock image. This photo of a model not wearing a mask was taken before the COVID-19 pandemic

Circular aluminum

At CBA we are actively working toward a circular economy by expanding recycling of production-process and post-consumer aluminum scrap.

179,3
metric tons
of scrap consumed in 2021

The palmital auxiliar dam
Alumínio Plant (SP)

Dam management

By developing new applications for waste materials and investing in technology, we are working toward our ambition to eliminate waste disposal in dams by 2030.

IN 2021:

- Continued our project to switch from wet to dry disposal at the Refinery dam. Dam water volumes have been reduced by 85.9% so far. The dry residue can be used for new applications, and testing is underway to use the residue in road surfacing and to produce bricks and aggregates.
- Launched a pilot mobile bauxite beneficiation plant at the Miraí mine. The new technology eliminates the need to store residues behind dams, as they are instead returned to the mine pit.

The *Legado das Águas* Reserve (SP), Reservas Votorantim

Biodiversity

- ***Reflora* CBA:** 17 farms were selected for a reforestation and rehabilitation of degraded areas project, providing ecosystem services such as climate regulation, higher spring flow, local biodiversity and carbon capture.

- **Reducing Emissions from Deforestation and Forest Degradation (REDD+) *Cerrado* Program:** on the *Legado Verdes do Cerrado* reserve, areas of native *cerrado* vegetation are being preserved and will generate approximately 1.3 million metric tons of carbon credits over the project lifecycle, from 2017 to 2046. This is the first REDD+ project within this biome.

- **Collaboration with the Federal University of Viçosa:** three research lines are supporting our mined land rehabilitation efforts with a focus on soils, bioindicators and water conservation, helping to ensure that mined land is returned to landowners in the same or better condition than before it was mined.

CBA site: https://cba.com.br/en/

ESG Portal: https://esg.cba.com.br/en/home-en/

Investor Relations: https://ri.cba.com.br/en/

Read the full version of the 2021 CBA Annual Report here.

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