



ESG SECTOR
REPORT
ABRALATAS

The Future of the Aluminum Can



EDITION

2



02

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A turnaround year

It's with great pleasure that we present the latest edition of the Abralatas ESG Sector Report, which details the related challenges we faced and the achievements we reached in 2023. This Report underlines our commitment to transparency and to building a future guided by socioenvironmental responsibility.

The ecosystem of the aluminum beverage can sector contributes significantly to a more sustainable and conscientious society. The aluminum beverage can is indicative of how a circular economy operates. For example, a typical can maintains a historical average recycling rate of over 95% and a life cycle of only 60 days. This reduces the use of natural resources, avoids the emission of millions of metric tonnes of greenhouse gases, and provides professional employment and income to thousands of recyclable material collectors. The sector continues to become even more competitive through innovation and by strengthening itself using best practices which are certified for meeting internationally-recognized standards, and accelerating its compliance with commitments to the UN 2030 Agenda. In fact, this is our real goal: **sustainable development**.

The year 2023 marked a period of recovery for the sector and positive news for Abralatas, after experiencing market adjustments in the prior year. We held our position as the world's 4th largest aluminum can market, registering growth of 1.7% through our 24 manufacturing units nationwide.

We also celebrated the 20th anniversary of our organization thanks to a 15% increase in our member company base, which strengthens our representation and position as the voice of the sector.

All this activity has resulted in progress for our ESG efforts. Aluminum cans have been gaining ground in new segments such as mineral water and RTD (Ready-to-Drink), demonstrating their potential as the most sustainable packaging solution. We adhere to best socioenvironmental business practices, which allows us to comply with environmental legislation and keep abreast of new consumer profiles and trends. With COP 30 approaching and the imminent implementation of regulated carbon markets, we are actively working to position ourselves within this new environment.

This Report describes the activities of Abralatas and eight of its member organizations, whose actions across the ESG pillars demonstrate the fundamental role that each company can play in building a green economy.

We invite you to dive deeper into the following pages and join us on our journey towards a more sustainable and prosperous future.

Happy reading!

Cátilo Cândido

CEO, Abralatas

A DIVE INTO 2023

According to the Copernicus Climate Change Service—the European Union’s Earth Observation Programme—2023 was the hottest year on record in the last 125,000 years, due to a combination of high greenhouse gas emissions and the El Niño phenomenon. News like this corroborates the warnings made by scientists and nongovernmental organizations that we need to act quickly if our planet is to remain a habitable place for future generations. As our future depends on the choices we make today, it’s incumbent on us to support meaningful change in all our operating areas.

This Report on our socioenvironmental and corporate governance

(ESG) commitments and actions highlights the results of the aluminum beverage can sector, which, consistent with the UN Sustainable Development Goals (SDGs), seeks to improve its circular economy and reduce the impacts of the companies which comprise its production chain. Accordingly, this collective and ongoing effort, whose increasingly challenging goals are being met with positive results such as yet another high recycling rate, is the result of a collaborative reverse logistics network that spans across Brazil.

We invited the Joint Parliamentary Front for ESG in Practice, from Brazil’s National Congress, as well as consulting firm

Instituto Global de ESG, to serve as external observers so we could provide greater transparency and fairness to the creation of this document. We also connected with recyclable material collection leaders to share the achievements and challenges their category faces.

By publicizing our practices, we hope to encourage more companies to adopt sustainable initiatives and help create a viable future for all.



THE FOLLOWING ABRALATAS MEMBERS CONTRIBUTED TO THIS REPORT:

Founders



Ardagh Metal Packaging

A global manufacturer of aluminum beverage cans, Ardagh has been in Brazil since 2016 and currently has three factories in the country.



Ball

Ball is the world's largest manufacturer of aluminum cans, and has ten units in Brazil.



Canpack

The largest Polish company operating in Brazil, Canpack has plants in Goiás and Ceará.



Crown Embalagens

Crown has been active in Brazil since 1996, and has seven manufacturing units nationwide.

Companies



Actega

A division of German group Altana, Actega specializes in packaging and printing, and is based in Araçariçuama (SP).



Ecolab

Ecolab provides water, hygiene, and infection prevention solutions and services to protect people and vital resources.



PPG

A global supplier of paints, coatings, and specialty materials, PPG has been operating in Brazil for over 50 years.



STOLLE MACHINERY

Stolle Machinery

Stolle provides industrial machinery and equipment for the global manufacturing of metal packaging, primarily two-piece aluminum cans.



03. Inside our aluminum can

2023

R\$17Bi
OF REVENUE

R\$5Bi
in taxes collected

Yearly per capita consumption of
160 UNITS

32.3 billion aluminum cans sold
Growth of **1.7%** over 2022

BRAZIL IS THE WORLD'S **3RD LARGEST MARKET***

*Largest global markets: USA (1st), China (2nd) and Japan (4th)

99.7%

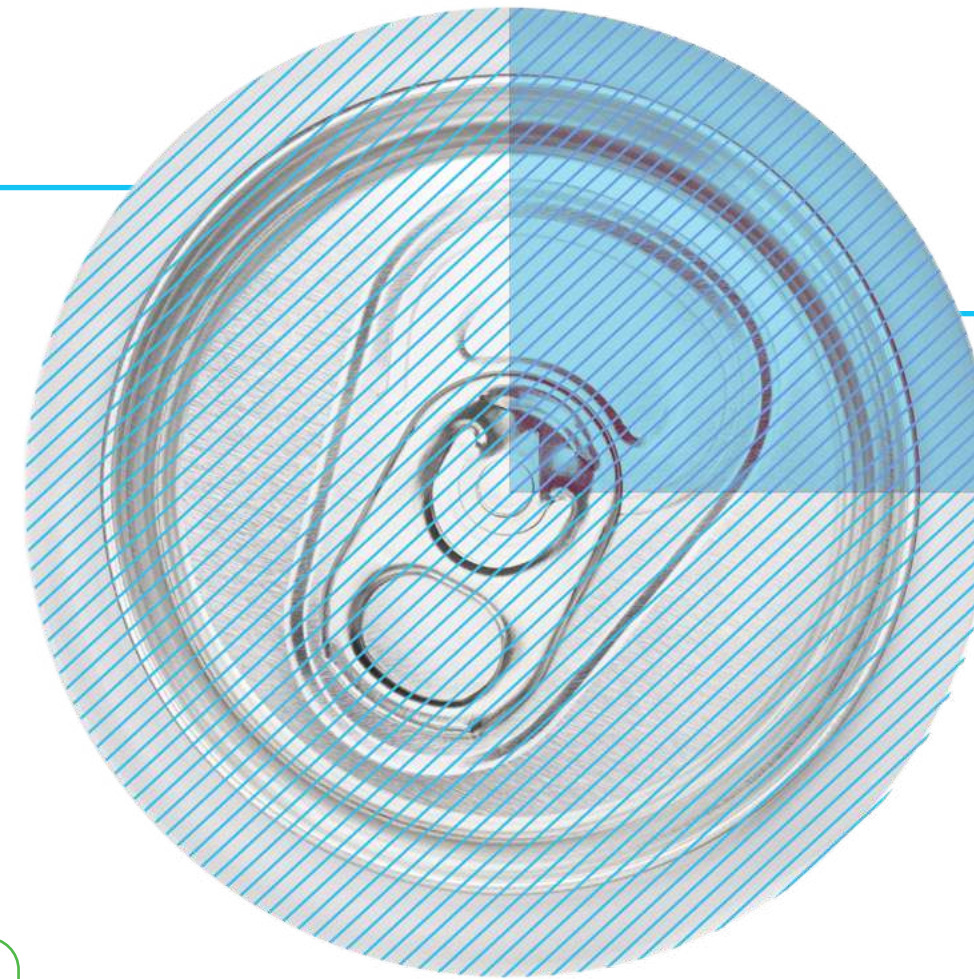
of aluminum cans sold in the country were recycled in 2023

Highlights for beverage can growth

75% Water

20% Energy Drinks

18% Ready to Drink Beverages



1/4

of all aluminum sold in the country is consumed by the aluminum beverage can market

6.1 millions of people

Reached by environmental education campaigns in the sector (Abralatas + Recicla Latas)

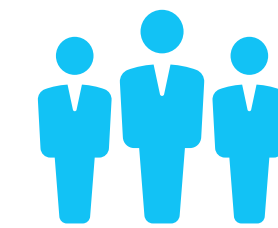


500 billion units or 6.5 million metric tonnes of aluminum cans sold in Brazil since their introduction in **1989**



39%

growth in the last decade (2014-2023)



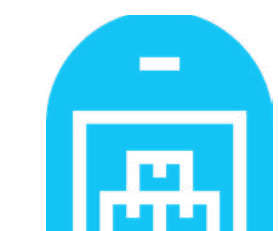
17,000

direct and indirect jobs generated in 2023



36 COLLECTION CENTERS

among the main recyclers in 19 states



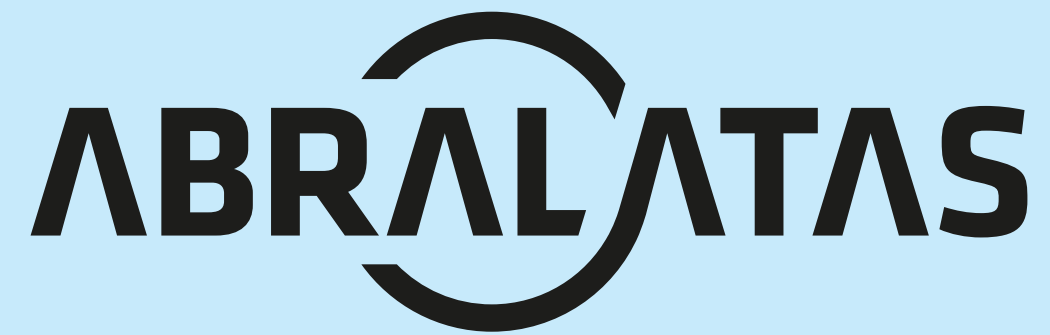
24

manufacturing units in all regions of the country



19 types

of canned beverages



Brazilian Association of Aluminum Can Manufactures

Created in 2003, we support the increased competitiveness of aluminum beverage cans, sustainable development, and the unification of the sector in Brazil.



Created in 2021 by manufacturers and recyclers of aluminum beverage cans in Brazil, Recicla Latas (Recycle Cans) is responsible for improving the packaging recycling model in compliance with Brazil's National Solid Waste Policy, through a Term Agreement with the Ministry of the Environment.

04

CERTIFIED OPERATIONS

To ensure greater transparency and fairness while preparing this ESG Sector Report, Abralatas invited Instituto Global de ESG to act as an observer.

This action reflects our commitment to ensuring that our practices and results are evaluated by an independent external entity, and comply with highest standards of governance and sustainability.

Instituto Global de ESG leads the Interinstitutional ESG in Practice Movement in Brazil, which was inspired by the visionary legacy of Kofi Annan, former Secretary-General of the United Nations and Nobel Peace Prize winner. During ten years of his acclaimed stewardship, we saw the creation of the Global Compact, the advance of the

ESG concept, and the promotion of the Millennium Development Goals, which culminated in the current Sustainable Development Goals.

(...)
This movement, led by Instituto Global de ESG, has resulted in the creation of the Joint Parliamentary Front for ESG in Practice from Brazil's National Congress.

(...)
In this context, Instituto Global, as an independent external observer, carried out an in-depth technical analysis of the ESG Sector Report for Abralatas and its ecosystem. Their opinion is a conclusive and positive testimony to the significant advances of the aluminum can sector in Brazil, and its unwavering commitment of best ESG practices.

(...)
After a thorough analysis, Instituto Global certified that the Report clearly presents the goals achieved and the challenges overcome by Abralatas and its associates in building a more sustainable future.

(...)
The Abralatas ESG Sector Report reflects an integrated and robust approach to ESG principles, and exemplifies the organization's clear alignment with environmental, social, and governance practices.

(...)
As we look to the future, we recognize the transformative impact that Abralatas, its associates, and the entire ecosystem have had on Brazil's sustainable economic development. Instituto Global marks this milestone and confirms its findings which validate the role of the Abralatas ESG Sector Report in building a legacy which will resonate for generations.



Alexandre Arnone

Founder of the Global ESG Institute and the Interinstitutional Movement "ESG in Practice," and Chairman of the Arnone Group

Sóstenes Marchezine

Vice President of the Global ESG Institute and Executive Secretary of the Parliamentary Front "ESG in Practice" of the National Congress

Brandon Nogueira

ESG Manager and Technical Director of Sustainability at Instituto S Company, in collaborative partnership with the Global ESG Institute

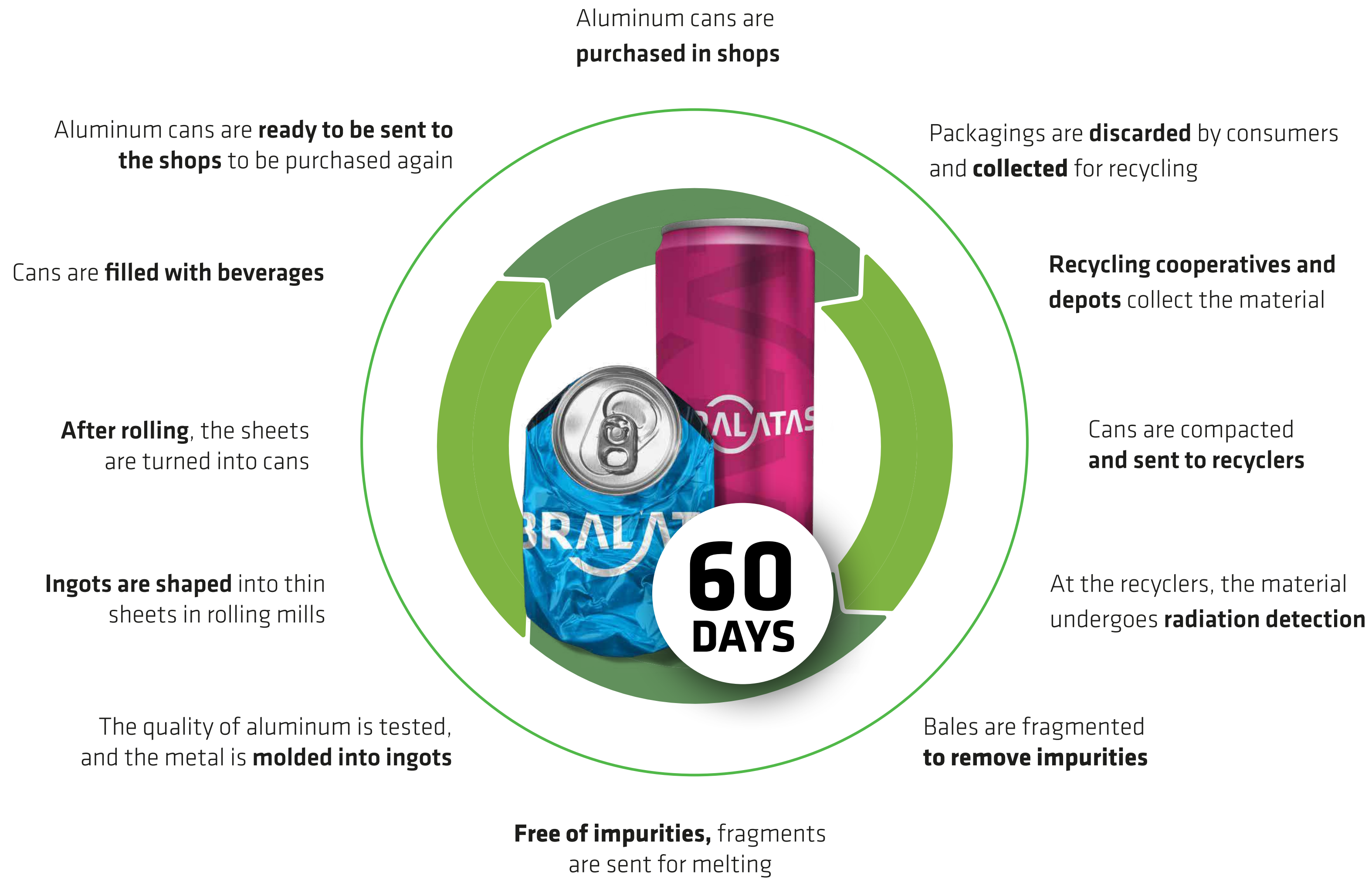
05

A SNAPSHOT OF RECYCLING IN BRAZIL

Brazil is a worldwide leader in the recycling of aluminum beverage cans, and now enjoys a mature circular economy system. This is the result of a collective commitment involving **consumers, manufacturers, recyclers, and collectors of recyclable materials.**



LIFE CYCLE OF A CAN

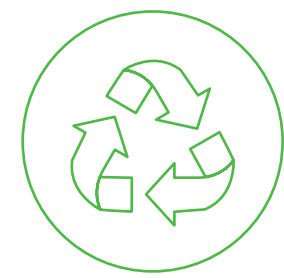


Over the past 15 years, the average recycling rate has been **98%**

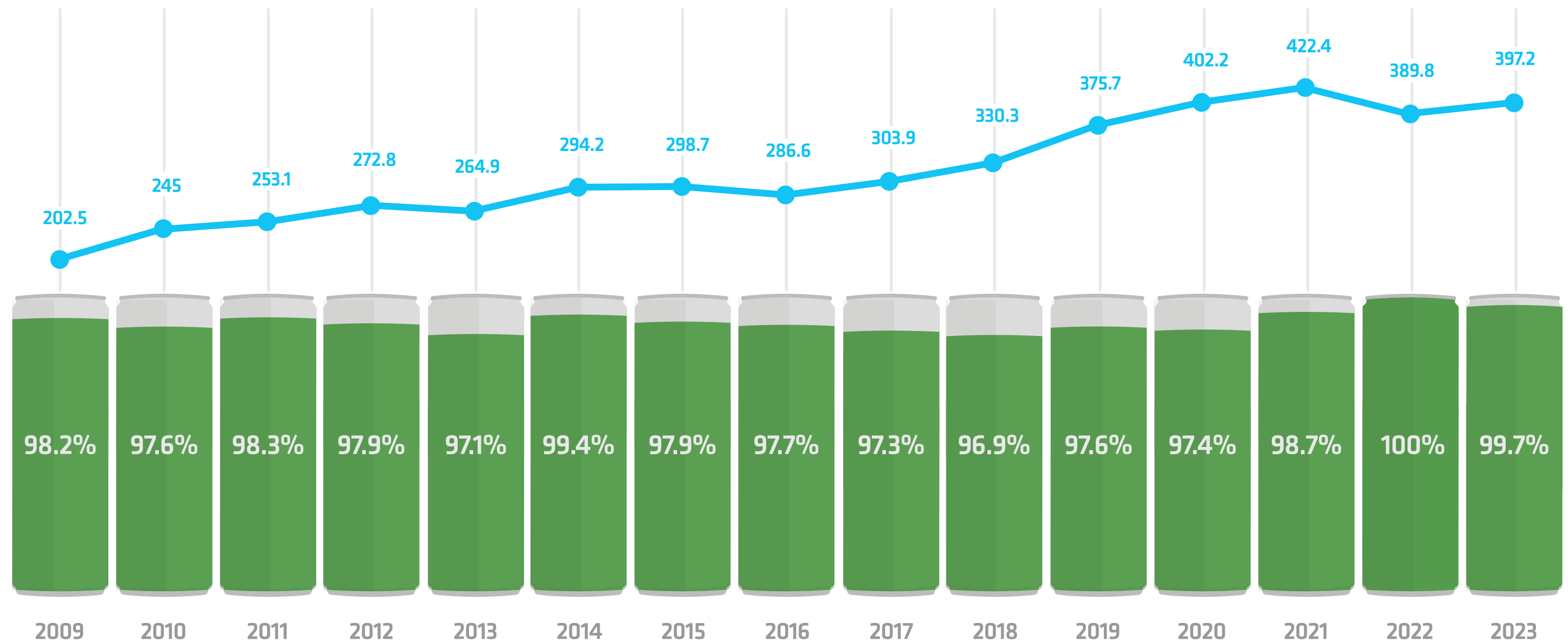
ALUMINUM BEVERAGE CAN RECYCLING RATE VS. SALES, PER YEAR



TOTAL SALES
(in 1,000s of tonnes)

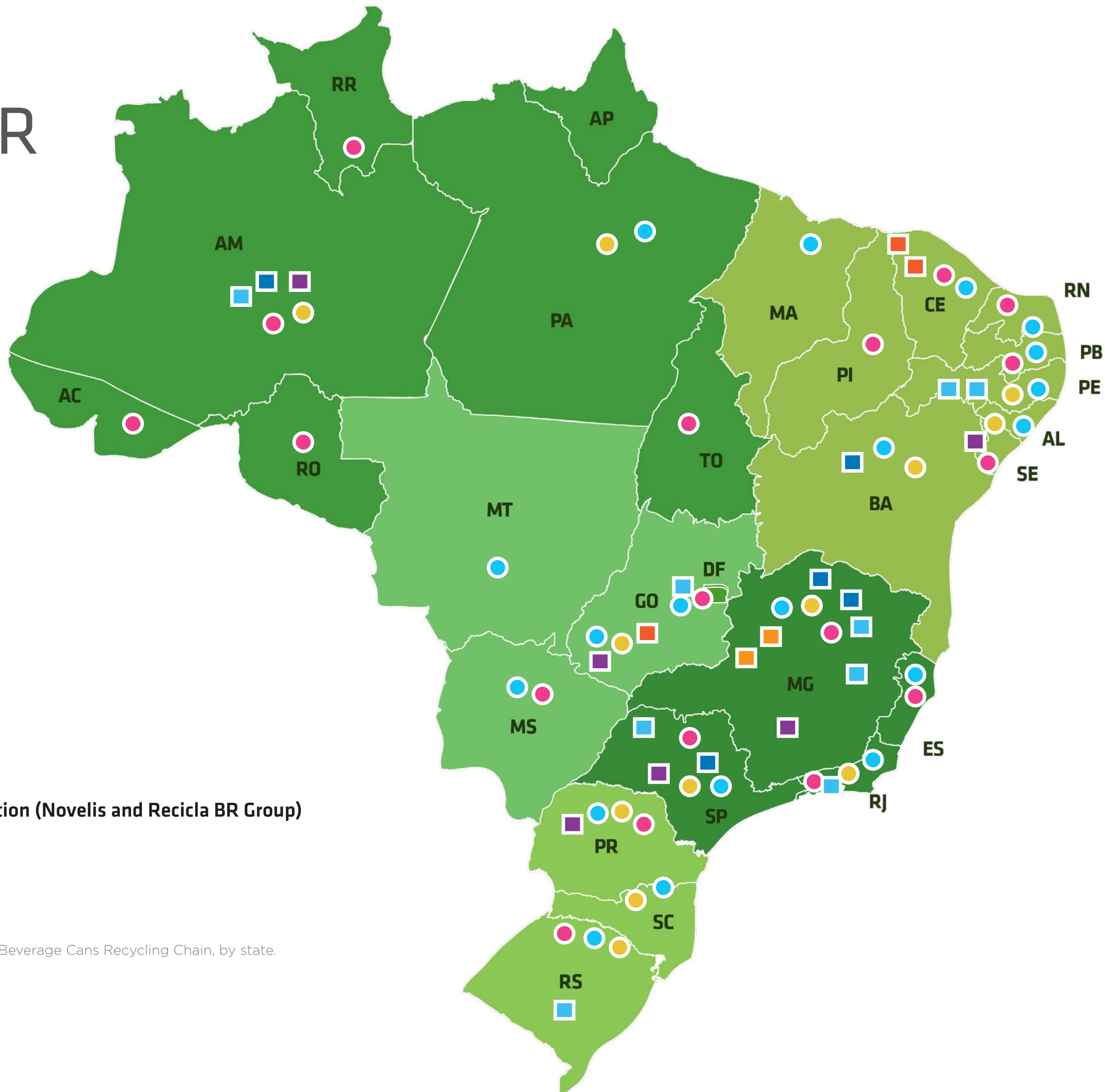


RECYCLING RATE
(in %)



Source: Brazilian Aluminum Association (Abal), Brazilian Association of Aluminum Can Manufacturers and Recicla Latas (Abal and Abralatas since 2003, and Recicla Latas since 2021)

MAPPING OUR ALUMINUM CANS



ALUMINUM CAN FACTORIES

- Ardagh
- Ball
- Canpack
- Crown
- Ambev

RECYCLERS

- Centers with their own collection (Novelis and Recicla BR Group)
- Partner cooperatives
- Private operators

Source: Recicla Latas - Agenda of the Aluminum Beverage Cans Recycling Chain, by state.



THE CIRCULARITY OF THE ALUMINUM BEVERAGE CAN COVERS THE ENTIRE COUNTRY, COMBINING PRODUCTION, DISTRIBUTION AND RECYCLING, BASED ON THE SCOPE AND SCALE OF THE CONSUMER MARKET.

LEADING THE WAY

The local recycling sector is a pioneer, whose model has become well-established since the manufacturing of aluminum cans in Brazil began in 1989, based on continual investment and improvement of its practices consistent with market developments. Over the past 15 years the recycling rate has averaged 98%, even with over 100,000 metric tonnes of cans being added to the market during the same period.

Recycling aluminum cans provides environmental, economic, and social benefits. The recycling process in Brazil complies with environmental legislation and demonstrates that it's possible to combine economic development with the preservation of natural resources, creating a virtuous cycle that benefits society as a whole and is in line with the UN global sustainability agenda.

2023 RECYCLING RATE

99.7%



CANS HAVE THE LOWEST WATER AND CARBON FOOTPRINT

On average, aluminum cans have the lowest carbon and water footprint among the different types of beverage packaging in the Brazilian market. Some packaging emits ten times more greenhouse gases (GHG) to store the same amount of beverage, while the second best performing packaging consumes almost 50% more water per liter of beverage.

Source: Sphera

CO₂



2023



Over

30bi

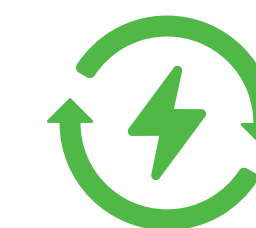
recycled cans
(around 400k tonnes)



The emission of around

18mn

tonnes of GHG avoided
in the past 10 years



1 ton of recycled
aluminum saves

95%

of electricity compared to
the production of primary
aluminum



Source: Coral Cooperative, Alagoinhas-BA.

Around

800,000

collector families are benefited by the income that aluminum can recycling provides



5kg
of bauxite

are saved by each kg of aluminum that is recycled

5,000 Gwh

are saved every year, equivalent to 1% of the overall consumption in Brazil by recycling cans

NATIONAL COVERAGE

The main recyclers of aluminum cans (Recicla BR Group and Novelis) maintain 36 collection centers for recycling in Brazil, across 19 states, ensuring total coverage



06

VALUABLE COLLECTORS

Recyclable material collectors play a leading role in recycling in Brazil, as they contribute directly to the success of the circular economy for all recycled materials.

However, these individuals still face many challenges such as unsafe working conditions, informal markets, prejudice, and difficulty in providing services. These conditions are contrary to law and the interests of society itself, which sees collectors as a great ally in generating more and better recycling results, with significant health, social, and environmental gains.

The aluminum beverage can industry recognizes these challenges and has once again taken significant steps to better understand this situation with the collectors themselves.

Learn what some of the national leaders have to say.

“
THE ALUMINUM CAN IS A MODEL FOR ALL RECYCABLE CHAINS.
 ”

COLLECTORS POSSESS IN-DEPTH KNOWLEDGE OF RECYCABLE MATERIALS, WHICH GOES BEYOND THE SIMPLE TECHNICAL IDENTIFICATION OF PACKAGING.

We also understand the entire process required to properly dispose of these materials for recycling and transformation into new products. We are key players. Our work must be treated with the same seriousness as any other service. It's essential that society as a whole recognizes that the role of recyclable material collectors goes beyond simply collecting and sorting. We need to be paid fairly for the essential service we provide to everyone. To give you an idea, the Public Procurement Law already allows the hiring of collectors without the need for a public tender. Additionally, the National Solid Waste Policy recognizes collectors as key players in recycling in Brazil.

Regarding aluminum cans, we need to keep in mind that they are a model for all recycling chains. They're a highvalue material and often provide the highest income for collectors. Among our group we even consider them a kind of "currency". Recently, at an event about aluminum, I joked that it would be interesting if all packaging was made of aluminum. The success of recycling and the appreciation of aluminum should serve as inspiration for strengthening other recycling chains. The aluminum can is not just a material, but a symbol of potential that can and should be replicated in other areas.



ROBERTO LAUREANO
 President of the National Association of Recyclable Material Collectors (ANCAT)



ALINE SOUZA
 President of the Central Cooperative of Recyclable Materials Workers of the Federal District (Centcoop)

IT'S ESSENTIAL TO RECOGNIZE THE IMPORTANCE OF COLLECTORS IN REVERSE LOGISTICS, INCLUDING THE LEADING ROLE OF ALUMINUM CANS IN RECYCLING.

We're responsible for collecting scrap from all materials after disposal, ensuring they're sent to the plants and transformed into new products. The high added value of aluminum cans attracts the interest of consumers, but most of the collecting is carried out by independent collectors. They have first access to discarded cans, before passing them on to cooperatives and other companies, meaning that the success of aluminum can recycling depends largely on the work of collectors. In Brazil, many cities haven't yet implemented selective waste collection, but thanks to our efforts, aluminum can recycling continues to thrive. We face difficult conditions to

collect recyclables and prevent them from being sent to landfills. The aluminum can industry has been working with collectors to address these challenges. This collaboration is very important for maintaining high recycling rates, connecting all links in the chain, and promoting teamwork. One example of this was the partnership established in Brasília, which made it possible to sell waste cans directly to recyclers. To continue to play our role, it's crucial that we receive adequate support. The service provided by recyclable material collectors must be recognized and fairly compensated, as it's a fundamental service for society.

“
THE SERVICE PROVIDED BY COLLECTORS MUST BE RECOGNIZED AND FAIRLY COMPENSATED.
 ”

06. VALUABLE COLLECTORS

RECYCLABLE MATERIAL COLLECTORS ARE RESPONSIBLE FOR 90% OF THE COLLECTION AND SORTING OF RECYCLABLES IN BRAZIL.

However, their contribution is not yet properly reflected in official data. We need more effective mechanisms to recognize their work. It's important to understand that choosing this profession is not done out of activism, but out of necessity. Public policies should integrate these individuals into socio-environmental programs, offer them professional training and fair compensation for the services provided. Instead of limiting their income to just selling recyclable materials, we need to ensure they receive adequate compensation for the work they perform. A significant step forward would be to promote the formalization of individual recyclable material collectors, not only through cooperatives or associations,

but also as individual micro entrepreneurs. This can provide better working conditions and access to investment. In addition, reverse logistics systems should be adjusted to value and directly benefit individual collectors, and not just organized groups. Another approach would be to organize cooperatives into networks and connect these groups with individual recyclable material collectors. This would facilitate the direct sale of waste, such as aluminum cans, to the recycling industry. In short, the government and society owe a debt to the collectors. It's essential to change our perception of them as simply scrap metal sellers, and recognize that they are providers of essential environmental services.

“PROMOTING THE FORMALIZATION OF INDIVIDUAL COLLECTORS WOULD BE A SIGNIFICANT STEP.”



TIÃO SANTOS
Head of the I Am a Collector Movement (MESCS)

THE WORK OF WASTE COLLECTORS PROMOTES JOB CREATION AND INCOME GENERATION FOR MANY FAMILIES, WHICH HELPS LEAD TO SOCIAL INCLUSION AND REDUCING POVERTY.



TELINES BASÍLIO (CARIOCA)
President of the National Confederation of Recyclables Labor and Production Cooperatives (CONATREC)

“DESPITE ITS DIGNITY, THIS PROFESSION IS OFTEN MARGINALIZED.”

The work of recyclable material collectors is emerging as a fundamental element in the recycling production chain. These people play an indispensable role in collecting, separating, and forwarding recyclable waste to industrial processing facilities, which not only helps preserve the environment but also generates significant social impacts. However, these individuals often work in unsafe conditions and fail to receive proper recognition for the essential work they perform, which includes promoting the circular economy and reducing pressure on landfills. Society needs to recognize and acknowledge these people, ensure they receive fair pay, value the

workforce, and implement special public policies. Changing society's mindset is also important, since the profession is often marginalized, despite its value. Brazil is currently the world leader in the recycling of aluminum cans, which would not be possible without the initial phase of the entire process, which begins with the work of collectors throughout the country. Anyone who thinks that recycling can work without collectors is mistaken. We need to break free of the paradigm that recycling is simply an occupation for the poor. Recycling is an advancement of collective environmental awareness for a fair and egalitarian society!



RECICLA LATAS IS A NON-PROFIT ASSOCIATION CREATED IN 2021 BY ALUMINUM BEVERAGE CAN MANUFACTURERS AND RECYCLERS IN BRAZIL

Its goal is to improve the recycling model for cans in Brazil. Recicla Latas was created after the signing of the Term Commitment agreement in 2020 for the Improvement of the Reverse Logistics System for Aluminum Beverage Cans, between Abralatas, the Brazilian Aluminum Association (Abal), and the Ministry of the Environment (MMA), in compliance with the National Solid Waste Policy (PNRS).

PRINCIPAL COMMITMENTS

- 1 **Ensure the recycling rate** of aluminum beverage cans at 95% level;
- 2 **Maintain the recycling chain infrastructure** in line with the amount of material collected and placed in the market;
- 3 **Train** public managers, cooperatives of recyclable material collectors, and small recyclers; and
- 4 **Promote environmental education campaigns** for conscientious consumption and proper postconsumer packaging disposal.



RECICLA LATAS HIGHLIGHTS IN 2023

In 2023 Recicla Latas kept its activities moving steadily forward, reinforcing the sector's engagement with sustainable development, and staying firmly focused on the challenges involving the scrap collection sector.

Click on the posts for more info



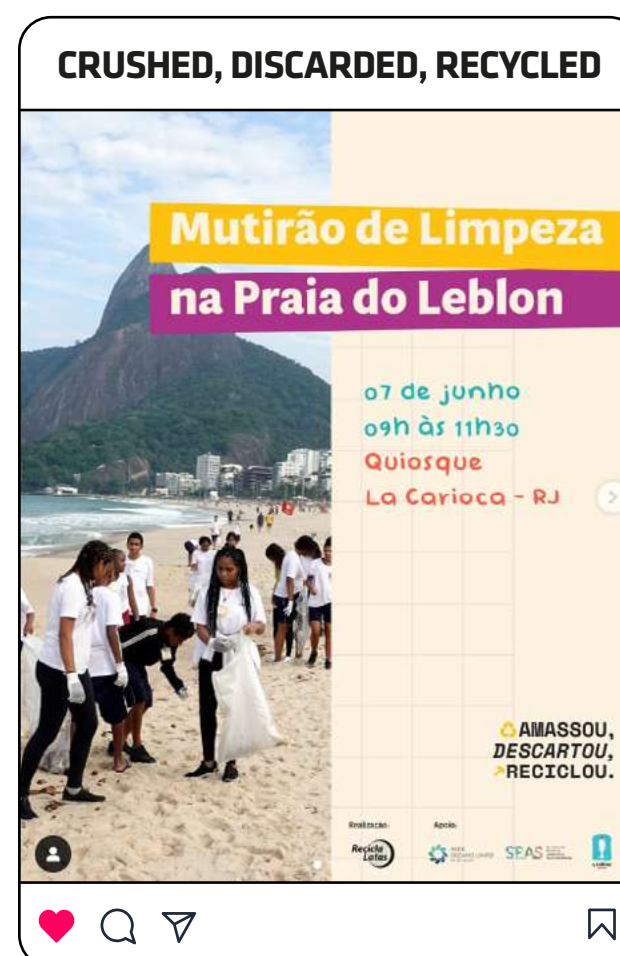
ENVIRONMENTAL EDUCATION CAMPAIGNS IN SOCIAL MEDIAS:



REACH
1.389.745 people

ENGAGEMENT
19.587 people

POSTS
22



REACH
1.072.591 people

ENGAGEMENT
12.583 people

POSTS
15



REACH
1.023.581 people

ENGAGEMENT
14.127 people

POSTS
15



REACH
961.580 people

ENGAGEMENT
12.620 people

POSTS
13



REACH
1.103.589 people

ENGAGEMENT
15.689 people

POSTS
16

2023 HIGHLIGHTS

TRAINING IN INTEGRATED SOLID WASTE FOR

406

PUBLIC MANAGERS FROM 175 CITIES ACROSS THE COUNTRY

RECYCLING RATE

Calculation and auditing of the recycling rate for aluminum cans, ensuring transparency in the process and complying with the requirements agreed upon with the Ministry of the Environment.

Wide dissemination of the 2022 rate (100%), reaching an estimated audience of around

156 million people.



COOPERATION AGREEMENT

Signing of a Cooperation Agreement with the National Association of Waste Collectors (Ancat) during the 10th Expocatadores.

MAPPING

Publication of the 2nd edition of the booklet "Aluminum Can Recycling Chain for Beverages in the States," featuring regionalized information about the organizations involved in the reverse logistics system for aluminum beverage cans.

INSTITUTIONAL PRESENCE

Participation in various institutional events, including the Ethos Conference, the Public Prosecutor's Congress (Conamp), and events with municipal governments.



GUIDE TO BEST PRACTICES

Launch and distribution of the 2nd edition of the Guide to Best Practices for recycling cooperatives and small to medium-sized aluminum recyclers during the 10th Expocatadores, in partnership with Ancat. The online version of the Guide, available on the organization's website, was distributed to the entire network of partners, including 126 agents, 61 cooperatives, 48 recyclers, 17 private operators, and over 1,200 cooperatives from the Ancat partner network.

- 61 cooperatives**
- 48 recyclers**
- 17 private operators**
- 1,200 Ancat network partners**



Every Can Counts (Cada Lata Conta) is a global environmental education program for the aluminum beverage can industry, and is active in 21 countries. Launched in 2009 in the United Kingdom, it encourages consumers to adopt sustainable practices, showing the importance of recycling cans to reduce environmental impact.



IN BRAZIL, **EVERY CAN COUNTS** IS COORDINATED BY **ABRALATAS**,

which uses social media and conducts actions at sporting, cultural, and social events and in public facilities with high foot traffic and consumption of beverages in aluminum cans.

The program reinforces the message that each action can really contribute to the sustainability of the planet.

RIO DE JANEIRO CARNIVAL IN THE GUINNESS BOOK

In February 2023 the Rio de Janeiro Samba Schools Carnival entered the Guinness Book of Records as the event with the world's largest amount of aluminum can recycling.

In partnership with Sesc-Rio and the Independent League of Rio de Janeiro Samba Schools (Liesa), Cada Lata Conta (Every Can Counts) carried out an action to collect 10 metric tonnes of cans at the Rio Sambadrome. The cans consumed during the parade days at Sapucaí were recycled, and all proceeds were donated to three networks of Rio de Janeiro recyclable material collectors cooperatives — Recicla Rio, Movimento, and Febracom — which were also partners in the action. The initiative earned Abalatas an award from Instituto Lixo Zero Brasil, in recognition of the environmental education work it performed.

400,000

ESTIMATED ATTENDEES

+10

TONNES RECYCLED IN 5 DAYS OF ACTION

+100

COLLECTORS INVOLVED

+400

PRESS ARTICLES

+3,000

JOURNALISTS IMPACTED by our release





RECYCLING TOUR IN BRASÍLIA

To celebrate World Environment Day, the Recycling Tour, an environmental education and recycling initiative, was held in Parque da Cidade and Eixão do Lazer, Brasília (DF).

This initiative was promoted simultaneously in 16 countries, and in Brazil it included the participation of collectors during the two days of activities.

SOCIAL MEDIA

An important task of the Every Can Counts program is done on social media, through environmental education campaigns that inform users about best practices for can recycling, offering tips and recommendations on disposal, as well as advertising activities of the program.

Reach of

137,293
unique visitors

(Instagram and Facebook).



Learn more about the program at cadalataconta.com.br

09

ABRALATAS IN REVIEW

2023 HIGHLIGHTS

In 2023, Abralatas celebrated two decades of representing the Brazilian aluminum can industry, and remains committed to uniting and elevating the competitiveness of the industry and promoting best sustainability practices.

Following are highlights of our ESG agenda.

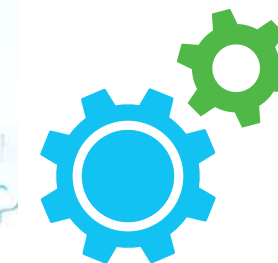


Adherence to the UN Global Compact's Circular Connection Movement

We joined the Circular Connection Movement of the United Nations Global Compact in New York during the event that preceded the 2023 UN General Assembly.



The Movement operates within SDG 12 (Responsible Consumption and Production) and is a concentrated effort to eliminate waste disposal in landfills and achieve high levels of circularity by 2030.



Tax Reform

The historic work of Abralatas, in partnership with the **Joint Parliamentary Front of the Green Economy in the National Congress**, ensured the inclusion of provisions in the approved Tax Reform text to steer Brazil toward a low-carbon economy model. The best example is the Selective Tax, which considers the environmental impact of products and services to set the tax rate.



Friend of Collectors Award

Abralatas was recognized for its “important services rendered to the category and the development of recycling in Brazil.” The ceremony took place during the 10th Expocatadores in Brasília (DF) and was attended by national leaders of the collectors and public authorities, including the President of Brazil, Luiz Inácio Lula da Silva.



Regulated Carbon Market

Abralatas developed a public position on the national debate over the creation of the Brazilian Emissions Trading System (SBCE), supporting, among other points, its alignment with the principles, concepts, and obligations of the United Nations Framework Convention on Climate Change (UNFCCC) and the Paris Agreement, in addition to recommending the creation of a cap-and trade emissions trading system, seen as the most suitable for the national market. [Read more.](#)



Compliance Training

Conducted with member company employees on the topic "Workplace free of moral and sexual harassment."

With over 100 participants, our compliance training allowed Abralatas member companies and their employees to update themselves on applicable legislation and the Association's rules for healthy, safe, and productive coexistence.



ESG Talks

To broaden the reach of the information in this ESG Sector Report, Abralatas innovated by bringing together member companies and key stakeholders for an open debate in a podcast format. The series was named "ESG Talks" and featured three panels which can be accessed on the Association's [YouTube channel](#):



ESG Agenda: Aluminum Cans and Beverages, a Perfect Match

Helped connect the sustainability agendas of the aluminum can sector with that of beverage producers.

Featuring: Caio Ramos, Sustainability Director at Ambev; Rodrigo Brito, Head of Sustainability at Coca-Cola Brasil; Estevão Braga, former Sustainability Director at Ball; and Cátulo Cândido, CEO of Abralatas.



Can Recycling: beyond 100%

Discussed the significance of achieving a 100% recycling rate and the challenges ahead.

Featuring Marcelo Moraes, CEO of NetZero; Renato Paquet, Executive Secretary of Recicla Latas; Roberto Laureano, President of ANCAT (National Association of Waste Collectors); Telines Basílio "Carioca," President of Conatrec (National Confederation of Cooperative Labor and Recycling Production); and Roberto Santos, Supply Director of Crown Embalagens.



Diversity in the Aluminum Can Sector

Highlighted the challenges and achievements of diversity in the industry.

Featuring: Elisângela Matos, Sustainability Director at Ardagh; Patrícia Araújo, Legal Manager at Canpack; Maria Eliza, HR Head at Stolle Machinery; Lucyleine Parra, Director of Operational Excellence at Ecolab; and Patrícia Pires, HR Director for Latin America at PPG.

Talks
ESG



ENVIRONMENTAL PILLAR

In the ESG acronym, "E" stands for Environmental, which encompasses practices related to environmental preservation, natural resource management, recycling, reduction of carbon emissions, and the promotion of sustainability, among other actions. The importance of the "E" lies in ensuring that companies minimize their environmental impact so they can contribute to the protection of the planet and the building of a more sustainable future. The following section presents the highlights of our member companies in this field.

10 Commitment to **Zero Landfill**

The Zero Landfill goal is designed to engage civil society, as well as the public and private sectors, in the proper management of waste, thereby eliminating the disposal of waste in landfills and promoting the reduction, reuse, recycling, and composting of materials within the context of a circular economy. To be considered Zero Landfill, companies must implement a comprehensive waste management approach, ensuring that less than 1% of their waste is sent to landfills. This includes:

- conducting audits
- adopting waste prevention practices
- educating and training employees
- establishing partnerships with suppliers and communities
- continuously monitoring progress to improve practices
- promoting waste upcycling

FOUNDERS

ARDAGH		All manufacturing units are Zero Landfill
BALL		All manufacturing units are Zero Landfill
CANPACK		Zero Landfill goal for 2025 achieved ahead of schedule in early 2024
CROWN		All manufacturing units are Zero Landfill

COMPANIES

ACTEGA		In the process of creating science-based targets at the global level
ECOLAB		Zero Landfill goal in development and alignment with global guidelines and policies
PPG		All units in Brazil are Zero Landfill for industrial waste
STOLLE MACHINERY		Generates minimal waste, which is collected by specialized companies in accordance with current regulations



11. RESULTS IN THE ENVIRONMENTAL PILLAR

AMP ARDAGH METAL PACKAGING



WORLD CLEAN-UP DAY

Organized World Clean-up Day activities at manufacturing units in all cities through volunteer work, removing **nine metric tonnes of waste** from the communities of Alagoínhas-AL, Jacareí-SP, and Manaus-AM

ALL MANUFACTURING UNITS ARE ZERO LANDFILL

Diversion of approximately **4,200 tonnes** to suitable destinations, other than landfills.

- Implemented energy efficiency projects following an audit to detect leaks in the compressed air system
- INCREASED RENEWABLE ENERGY**
Improved the amount of renewable electricity sources in two plants, with traceability certification via IREC (46%). Starting January 2025, 100% of Ardagh's factories will use renewable energy
- SOCIAL AND ENVIRONMENTAL PROJECTS**
Participation in social and environmental upcycling projects aligned with the "5Rs" waste management strategy, in partnership with local associations and vulnerable social groups
- Revitalization of the children's library at the Fênix NGO in Jacareí-SP

Ball BALL

LAUNCH OF BALL'S CLIMATE TRANSITION PLAN

100% MONITORING

Inline monitoring of all liquid effluent treatment plants

PIONEERING

Launched the first can with the ASI (Aluminum Stewardship Initiative) certification seal in the Americas, ensuring traceability and responsibility throughout the aluminum supply chain



- Initiated the installation of an RTO (Regenerative Thermal Oxidizer) for Volatile Organic Compounds control at the Jacareí-SP unit

reusing **100%** of plastic pallets

ELECTRICITY

Reconfigured the compressor park to meet new pressure and compressed air consumption demands

GAS

Improved combustion efficiency of burners (furnaces) by stabilizing gas pressure

WATER

Reduced water consumption in the production line washer by 20%, saving 14.5 million liters annually in South America alone

ALL MANUFACTURING UNITS ARE ZERO LANDFILL

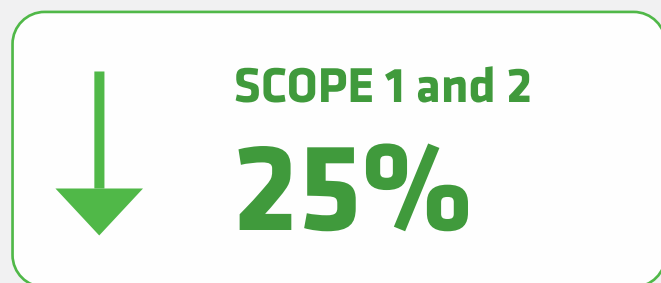
11. RESULTS IN THE ENVIRONMENTAL PILLAR

CANPACK

- **MAINTENANCE OF GREENHOUSE GAS EMISSIONS REDUCTION GOALS PROPOSED BY THE SCIENCE BASED TARGETS INITIATIVE (SBTi), ALIGNED WITH THE "WELL BELOW 2°C" TRAJECTORY**



These goals include reducing the emissions in



Usage of **100%** of clean electrical energy with I-REC certification in Brazilian operations

- Continued adherence to the Global Reporting Initiative (GRI), an international organization that helps companies understand and communicate their impacts
- **RESTRUCTURING**
Restructuring efforts to achieve the Zero Landfill goal by 2024
- Set targets for reducing water, gas, and energy consumption for 2025 and 2030, based on 2020 KPIs

CROWN



● **NATIVE FOREST REFORESTATION PROGRAM**

Partnership with The Nature Conservancy for the Nascentes Jundiaí Program, to protect and conserve regional watersheds through the reforestation of native forests. The initiative is estimated to:

- Save **100 hectares of forest** annually
- Replenish **more than half of the water consumed** at the Cabreúva-SP plant
- Offset the equivalent of **1,310 metric tonnes of CO2** per year

● **WATER**

Ongoing reduction in water consumption across operations through improvements in production processes and water reuse

● **ELECTRICITY**

30% of the electricity used in operations comes from renewable sources, verified by I-REC certificates

● **REDUCTION IN CONSUMPTION**

Enhanced equipment for monitoring and actions to increase energy efficiency, leading to reduced electricity and gas consumption in Brazilian operations

ALL UNITS ARE ZERO LANDFILL

Since November 2020

11. RESULTS IN THE ENVIRONMENTAL PILLAR

ACTEGA



GAS SAVING AND REDUCTION OF CO2

In 2023, new low-cure coatings were developed which allow customers to reduce the curing temperature in the burners, saving energy (gas) and reducing CO2 emissions

Launching UV coatings that eliminate the use of gas burners, saving energy and reducing total emissions

These products enable SAVINGS of up to 20% of CO2 emissions for ACTEGA in Brazil and up to



ECOLAB

In 2023, Ecolab helped its customers globally

CONSERVE:

+857 Mn m³ of water equivalent to the need for drinking water for approximately 782 million people

+47 Trn BTUs

AVOID:

- More than 3.8 million metric tonnes of Greenhouse Gas emissions
- More than 29 million metric tonnes of waste
- Providing safe and quality food for 1.4 billion people
- Sanitizing over 60 billion hands
- Obtaining Alliance for Water Stewardship (AWS) recertifications at both Ecolab facilities in Brazil

Contribution to the São Paulo Water Fund (an initiative developed by The Nature Conservancy), which helps in the recovery of devastated areas through the reforestation of 220 hectares in Mogi das Cruzes and Salesópolis. The action also generates water and climate benefits in the Piracicaba, Capivari, and Jundiaí river basins of approximately 111,000 cubic meters of water per year, for ten years

Reaffirmed its commitment to the Water Resilience Coalition, an initiative led by CEOs to work collectively in tackling the global water crisis

- Ecolab has received awards and recognitions related to its environmental performance, such as:
 - Recognized for global water leadership on CDP's A List
 - Named by Global Compact Lead as one of the most committed companies to the world's largest corporate sustainability initiative, the UN Global Compact

11. RESULTS IN THE ENVIRONMENTAL PILLAR



PPG

ZERO LANDFILL FOR INDUSTRIAL WASTE

A pioneer in developing safer coatings for metal packaging for food, beverage, and personal care, PPG provides the market with interior and exterior coating solutions without containing substances of high concern, including BPA and other bisphenols, PFAS, and PVC, meeting current regulations and those under discussion globally

Since 2023, its global decarbonization targets have been validated by the Science Based Targets Initiative (SBTi), a collaboration between the CDP (Carbon Disclosure Project), United Nations Global Compact (UNGC), World Resources Institute (WRI), and the World Wide Fund for Nature (WWF)

Achieved carbon emissions reduction of 10% for scope 1 and 2, and 12% for scope 3 globally in 2023

Achieved 8% reduction in overall water use, through local rainwater reuse and catchment initiatives



100%

OF THE ENERGY USED IN PPG OPERATIONS IN THE SUMARÉ- SP AND GRAVATAÍ-RS PLANTS COMES FROM RENEWABLE SOURCES

44%
of total global sales already come from products with sustainable advantages



STOLLE MACHINERY

PURCHASE OF CERTIFIED SUPPLIER CARD PACKAGES WITH FSC SEAL IDENTIFICATION – FOREST STEWARDSHIP COUNCIL INTERNATIONAL,

which means that raw material is tracked and that it respects the principles and criteria of the FSC, such as preventing illegal deforestation, promoting gender equity, conservation of ecological diversity, water resources and soil, respect for traditional communities and indigenous peoples, and the maintenance and protection of Permanent Preservation Areas



- Continuity of gradual replacement of wood and cardboard packaging with returnables, as well as wood pallets with plastic returnables
- Continuity of Lean-office actions to reduce paper use, with implementation of systemic administrative routines and digital technologies
- Improvement of internal controls to map solid waste generation volumes, geared to reduction actions



SOCIAL PILLAR

The social aspect of business practices in ESG is represented by “S”, which covers elements such as diversity, inclusion, human rights, and employee well-being. Its relevance lies in ensuring that companies contribute to the building of a fairer, and more ethical and resilient society. Investing in the social pillar strengthens reputation, attracts talent, and improves positive community impact essential to longterm sustainability.

12

Diversity at our member companies

One of the biggest challenges in our industry is improving diversity rates at our member companies. Abralatas members in this Report have adopted goals and put policies in place to change this landscape by attracting, hiring, and developing women, PwDs, Blacks, Indigenous people, LGBTQIA+ people, and other underrepresented groups at various levels of operations, including leadership. In addition, to collaborate on this mission, Abralatas fosters discussion among its member companies and in 2023 offered training on the topic of inclusion and diversity, within its Compliance capacity.





VANIA AKABANE

HR DIRECTOR
OF ARDAGH

“**At Ardagh, we are dedicated to improving our diversity rates** with strategic and inclusive actions. We invest efforts in coaching unconscious biases, literacy, support programs, and focused actions on diversity through affinity groups. We monitor our advances with transparency and promote an organizational culture that celebrates differences and values inclusion, which are among our core values. We recognize that progress is an ongoing challenge, and we are committed to creating an environment where everyone feels valued and respected.”



SUELLEN MORAES

MANAGER OF DIVERSITY AND INCLUSION
BALL SOUTH AMERICA

“Ball is a global company that values diversity because it believes that the plurality of experiences and ideas brings innovations, better results and more sustainable business. **Encourage belonging, Inclusion and diversity is an agenda for our business,** so we are committed to building a representative workforce. As an example, we already have 29.6% women in leadership positions, and 52% of women in the plant at Frutal (MG). Another example is the Ball+ internship program, which accounts for 100% of jobs aimed at women, people of color, the LGBTI+ community, and people with disabilities. We also promoted professionalizing courses for women, created affinity groups called “Ball Networks,” and launched a LIBRAS (Brazilian Sign Language) program in 2023 that enabled more than 120 people in Brazilian sign language.”



NADJA LOUSADA

CORPORATE HR MANAGER
CANPACK

“Respect is one of our core values. We recognize that our team members come from different parts of Brazil or even the world, with different skin colors, ages, beliefs (or none), men or women, with different or equal sexual orientation, habits and backgrounds. We don’t believe in applying quotas, that alone is not enough, we believe in creating a culture where everyone feels valued, heard and united. And that’s what we do in our engagement activities. **We work hard at creating an environment where everyone feels heard, respected and valued.** We believe that if we can feel something, we can create something extraordinary, and our core values are the foundation for it. So every day, with small but solid steps, we create an environment where people feel safe to work.”



ELIANE RIGOLO

DIRECTOR OF HUMAN RESOURCES
CROWN BRASIL

“At Crown, **we believe that a diverse team is critical to the success of any business.** So improving our diversity indices is a priority that is aligned with our strategic objectives. To address this challenge, we constantly invest in learning and awareness, promoting specific training and events to overcome potential obstacles and strengthen the culture of diversity and inclusion. We have also implemented several actions and projects to progress in that respect. One example is the women’s development program in the industry, which has achieved positive results and is being expanded into new regions. We understand that D&I requires continued effort and are committed to creating a work environment where everyone feels welcome and valued. We continue to move forward with determination.”



LIZA VILAS BOAS

HR REGIONAL MANAGER
ACTEGA

“We understand that diversity is a comprehensive topic at Actega in Brasil. We promote activities at various spheres and levels of the company, based on our code of conduct that addresses the issue as one of the Corporate Values (Openness and Trust), Local Priority Pillars (Respect and Work as a team), and in our Corporate Model of Competencies that continuously encourage dialogue about Cooperating Respectfully. In addition, we address the issue in onboarding all new employees, we maintain generational diversity through a corporate employee group program with knowledge and experience transfer, we hire women in managerial and operational positions, and focus on evaluation, hiring and monitoring of PwDs, and zero discrimination in our selection processes. Finally, **Actega ensures access for all employees to a reliable, collaborative, diverse and innovative environment.**”



LUCY YOKOYAMA

DIRECTOR OF HUMAN RESOURCES
ECOLAB BRASIL

“We want Ecolab to be a diverse and inclusive company capable of attracting and retaining talent, enabling us to achieve the best results with our customers and partners. **We understand that building respectful, more diverse and inclusive environments is something we must do every day.** That is why we are committed to fostering a workplace where everyone can be who they are, thrive, and achieve their goals. We are strengthening a culture of respect in the relationships we establish with coworkers, customers and partners through our Code of Conduct. With the Diversity Committee and our affinity groups (ERGs), focused on people of color, women, PwDs and LGBTQIA+, we disseminate our strategies, empower people, and create connection spaces in safe environments for exchanging experiences.”



PATRÍCIA PIRES

DIRECTOR OF HUMAN RESOURCES
PPG LATAM

“At PPG, we are constantly looking for new ways to amplify the voices of our employees to help them feel comfortable in our work environment, as well as providing opportunities for them to make a difference and give their best, both in their careers and in representing their unique identities. **We know that diverse teams perform better** and that equitable experiences result in greater engagement, better business performance, and more opportunities for everyone. Through our employee networks (affinity groups), we will continue to elevate and celebrate underrepresented communities in order to contribute to a more diverse, inclusive, and equitable society.”



MARIA ELIZA LOPES

MANAGER OF HUMAN RESOURCES
STOLLE MACHINERY

“To overcome the diversity challenge, Stolle Machinery Brazil has been dedicated to creating an environment where diversity is truly valued. This includes regular training, strengthening internal policies, and open communication channels for feedback. With a genuine commitment to respect and inclusion, the company seeks to enrich the workplace, foster connections, and create a sense of belonging for all. Diversity should go beyond visible differences and embrace invisible diversity, which covers variations of thoughts and approaches. **It is essential to develop a culture that is respected and valued by all employees.** An inclusive environment that recognizes and appreciates different perspectives will contribute to more robust and innovative performance.”

13. RESULTS IN THE SOCIAL PILLAR

ARDAGH METAL PACKAGING

IN 2023 27 SOCIAL ACTIONS WERE CARRIED OUT INVOLVING THE COMMUNITIES NEAR OUR FACTORIES, SUPPORTING 12 INSTITUTIONS AND INVOLVING 278 VOLUNTEERS. WE HIGHLIGHT:

Launch of the **Ardagh Project for Education** in partnership with SESI, which aims to train teachers in STEM (Science, Technology, Engineering, and Mathematics) and robotics in public schools in the locations where Ardagh has operations, with an investment of **US\$5 million over 10 years**

2023 results:

28 elementary school teachers trained in Robotics, 7 schools benefited

16 Lego kits delivered and 4 social actions carried out



- Sponsorship of the São Francisco de Assis Hospital street race, with the participation of employees in Jacareí-SP, for the modernization of radiotherapy treatment facilities
- Sponsorship of the Mary Kay race in São Paulo-SP, with the aim of encouraging discussion on combating violence towards women
- Executive mentoring with directors for guidance on Diversity, Equity and Inclusion
- Launch of Parenting and Inclusive Communication Guides for employees

- Creation of governance of affinity groups for action plans: Gender, PWD, Race and Ethnicity, Generations and LGBTI+
- Pimp My Carroça Project at the Coral cooperative in Alagoinhas-BA, to improve the working conditions of collectors, with the donation of PPE and health and well being reception activities

BALL

- Launch of the Mentoring Program for diverse talents to support an increasingly diverse leadership pipeline
- Became a signatory of the LGBTI+ Business and Rights Forum and committed to promoting respect and human rights
- More inclusive HR Policies and Processes, such as paternity and maternity leave for multiparent families and support for name rectification for trans people
- New Governance for Diversity and Inclusion for South America, with the creation of a Senior Executive Committee
- Donations to combat forest fires in the Amazon, assist victims of the cyclone in RS, landslides in Manaus, and heavy rains in SP
- Ball South America Women's Network: Installation of breastfeeding rooms for employees returning from maternity leave
- **Actions taken to support climate emergencies in Brazil, with support from its own global fund**
- Launch of the first canned water with tactile braille on the lid, for people with visual impairments
- Training more than 60 employees in Brazilian Sign Language

Frutal-MG unit

55%
of staff are women,
**BALL'S MOST DIVERSE
IN THE WORLD**

- Staff from Brazil dedicated **1,300 hours of volunteering, reaching 65 entities** with recycling actions, education of children and Sponsorship of the São Francisco de Assis Hospital street race, education of young people and donations to charities



13. RESULTS IN THE SOCIAL PILLAR

CANPACK



IN THE COMMUNITY

Partnership with the Association of Friends of the Environment Recycling Station, Itumbiara-GO, which receives waste for recycling, generating income for the community

Through the Corporate Social Responsibility (CSR) program, which aims to positively impact our surrounding community, over

2,000
basic food hampers
were donated at
four third-sector
institutions

MAINTAINING A 44% INDEX OF WOMEN IN A LEADERSHIP POSITION IN THE CORPORATE FIELD

- Hosting a Children's Day event in two communities for more than 200 children
- Promoting an eight-hour workshop with over 100 teens at a career fair to talk about physical and mental health
- Development of a campaign in which Canpack employees made a financial donation, which was doubled in value by the company, **with the goal of offering short-term professional courses. About 60 courses have been offered**
- Maintenance of the volunteer project that encourages employees to dedicate their talents to social action, with Christmas and Children's Day celebrations in the surrounding community

CROWN

STRENGTHENING THE SAFETY CULTURE BY TREATING IT AS A NON-NEGOTIABLE VALUE THROUGH AWARENESS PROGRAMS AND IMPROVEMENTS IN WORK ENVIRONMENTS

- Partnerships reaffirmed with hospitals for cancer treatment (GACC / Sergipe and Hospital Pequeno Príncipe / Paraná)
- Diversity & Inclusion: the company reached the 18.9% female index in its Brazil operations in 2023
- Maintaining sponsorship of various social projects in communities near factories with a focus on sport, culture and health. Spotlight on the Sementinhas do Esporte Project, aimed at 100 children between 6 and 12 years of age, in Estância-SE and Ponta Grossa-PR
- ESG Week (SIPATMA), dedicated to safety at work and the environment, with educational sessions, training exercises and recreational activities. The week included a donation campaign that raised more than three tonnes of food for vulnerable families



100%
compliance in
leadership training
on Diversity and
Inclusion

Women's Development Program for operational positions, in partnership with SENAI in Ponta Grossa-PR, for free training of women for technical and operational positions

Due to a high number of applicants, it enabled several participants to enter the can manufacturing job market

13. RESULTS IN THE SOCIAL PILLAR

ACTEGA



CARRYING OUT LOCAL ACTIONS TO SUPPORT THE COMMUNITY IN ARAÇARIGUAMA-SP, PARTNERSHIP WITH THE CITY, HUMANITARIAN AID TO CUSTOMERS AND PARTNERS, AND DEVELOPMENT OF EMPLOYEES FOR VOLUNTEERING. HIGHLIGHTS INCLUDE:

- Lecture to employees about volunteering
- Development of a group of volunteers, with subgroups focusing on educational, care and environmental areas
- Donation of 3,000 bags of popcorn for the family
- Christmas party in the Araçariguama region Donating of Easter eggs to local institute

- Donation of graphic guidance kit on harassment to schools in the region
- Sports social action in the locality, with donation of household appliances
- Donation of 40 basic food baskets to the Araçariguama community



ECOLAB

GLOBAL AWARDS AND RECOGNITIONS IN 2023:

- 4TH CONSECUTIVE YEAR AS A LEADING COMPANY IN DIVERSITY (DIVERSITY INC)
- 11TH CONSECUTIVE YEAR AS ONE OF THE BEST PLACES TO WORK - LGBTQ+ PEOPLE (CORPORATE EQUALITY INDEX)
- THE BEST PLACES TO WORK IN MATTER OF INCLUSION OF PEOPLE WITH DISABILITIES (DISABILITY EQUALITY INDEX)
- BEST EMPLOYERS FOR GRADS (FORBES)
- GENDER EQUALITY INDEX (BLOOMBERG)

- Partnership with United Way Brazil for seven years, supporting with donations and volunteering actions aimed at early childhood and youth
- Salary donation campaign: For each donation made, Ecolab offers a match of almost double the amount donated

● Sponsor of the São Paulo Water Museum, scheduled for 2025, which aims to promote actions for well-being and preservation of the environment

● **Financial donations of products and voluntary services valued more than R\$100 million**

● **United Way Day Youth Brazil**
Brings together young people in vulnerable situations and Ecolab volunteers in mentoring sessions to transform realities for a more just and sustainable society. More than 2,000 young people have already benefited

● **United Way Day Early Childhood Brazil**
Ecolab volunteers come together to transform public schools in São Paulo, creating environments conducive to learning for children aged 0 to 6. It has already benefited more than 2,000 people in 13 Early Childhood Education Centers in the South Zone

13. RESULTS IN THE SOCIAL PILLAR

PPG

- Recognized for the second consecutive year as “Best Place to Work” by the Disability Equality Index*
- 42% of global employees participate in Employee Resource Networks (diversity affinity groups) events
- In 2023, more than 1,481 liters of paint were donated from the Colorful Communities* initiative, which revitalizes community spaces, impacting more than 723 public school students in Brazil
- Sponsorship of the second edition of Casa Hacker’s Minas em Tech program, offering free training in digital technologies for girls, with the aim of stimulating the potential of women at the forefront of STEAM areas
- Sponsorship of educational programs and encouragement of volunteering, through a partnership with the global NGO Junior Achievement, in the areas of entrepreneurship, innovation, environment and financial education
- Pintou Novos Talentos, PPG’s internship program in Brazil, won 3rd place in the CIEE Best Internship Programs Award in 2023
- 75% adherence of employees in Brazil to its physical activity program
- Launch of local mental health and well-being program, with the possibility of consultations with psychologists and other health professionals
- Zero Reportable Accidents were achieved at plants in Brazil
- Implementation of the HOP (Human and Organizational Performance) methodology at the company’s headquarters, in Sumaré-SP, focused on risk management and minimizing human errors



GLOBALLY REACHED THE TARGET OF 32% OF FEMALE REPRESENTATION IN NON-OPERATIONAL POSITIONS, WITH A TARGET OF 34-36% BY 2025

Also achieved a global representation of **42%** of black employees and **44%** latino employees in 2023

STOLLE MACHINERY

- Relationship model award for Young Apprentice companies (*Jovem Aprendiz* Program)
- CONTINUED SUPPORT FOR WOMEN’S COOPERATIVE IN INDAIATUBA, AND UNIFORM RECYCLING**
- In 2023, monthly food contributions were made for children at the Bubble Institution of Soap, in Indaiatuba-SP
- Campaign to collect end-of-year donations for various institutions selected by employees, especially helping the elderly, children and animals
- Encouraging the humanization of employees in special campaigns: Winter, Easter, Children’s Day and Christmas
- Partnership with Instituto Educandário, which prepares vulnerable young people from Indaiatuba for their first job
- Conducting technical training of engineers, scholarship program, young apprentice program



Milk collection campaign and Christmas gifts to support the institution Casa da Criança de Nazaré, which assists more than 800 children full-time, with the participation of company employees

INTERNAL QUALITY OF WORK LIFE PROGRAM (QWL), designed to responsibly and comprehensively provide the best conditions for employees, through ethics, respect, valuing integrity, well-being, personal, and professional development



GOVERNANCE PILLAR

The "G" in ESG represents corporate governance, which encompasses transparency, ethics, and the leadership structure of companies. It is essential to ensure that business decisions are made responsibly, promoting trust among investors, consumers, and society.

14

Certifications

A key element of corporate governance is certification, which is an important instrument for demonstrating commitment to responsible and transparent practices. It serves as a seal of quality, providing credibility and strengthening the trust of clients, investors, and consumers.

Certifications are public recognition and formal measures that confirm a company's adherence to high standards of quality, safety, sustainability and social responsibility.

They demonstrate the adoption of standardized practices and a commitment to continuous improvement, increasing the organization's operational performance and competitiveness. For customers, suppliers, and investors, certifications display that the company is aligned with recognized standards, and increasing confidence in the quality of its processes, products and services.

In the current context, where sustainability and social responsibility are increasingly valued, the

Aluminum Stewardship Initiative (ASI) certification stands out. This management and compliance tool is designed specifically for the aluminum industry, and is the sector's primary global ESG certification. It not only proves the commitment to sustainable practices, but also drives continuous improvements in production processes, adding value to all stakeholders, especially customers.

Companies certified with ASI are encouraged to adopt more efficient technologies and reduce the consumption of natural resources, thereby minimizing environmental impacts.

Patrick Sister, Manager of Risk and ESG at DNV (ASI Certifier in Brazil)

FOUNDER COMPANIES

- ARDAGH**  ASI certification at the Manaus can end factory and the Brazil headquarters. It also has ISO 14001, ISO 45001, ISO 9001 and FSSC 22000.
- BALL**  ISO 14001, ISO 45001, ISO 9001 and FSSC 22000 certification, in addition to both ASI certifications (Performance and Chain of Custody) for all plants in Brazil.
- CANPACK**  ISO 9001 and FSSC 22,000 certifications, with plans for ISO 14,0001 and ISO 45,0001 in 2025, and ASI subsequently.
- CROWN**  ISO 9001, ISO 14001, ISO 45001, FSSC 22,000 and ASI certifications in all units, with the exception of Uberaba, expected for 2024.

MEMBER COMPANIES

- ACTEGA**  EcoVadis certification for almost all global operations, including Brazil.
- ECOLAB**  ISO 14001 certified and EcoVadis GOLD seal for the ninth consecutive year.
- PPG**  EcoVadis GOLD seal.
- STOLLE MACHINERY**  Analyzing the possibility of obtaining certifications in the area of sustainability.

15. RESULTS IN THE GOVERNANCE PILLAR

ARDAGH METAL PACKAGING



- Data Privacy: Publicizing of International Data Privacy Day and its importance.
- Communication campaign to destroy expired Powers of Attorney
- Campaign with Suppliers on LGPD and Children’s Day Campaign – Safe Internet & Turma da Mônica.
- Compliance: Speak-Up campaign reporting channel; Intranet disclosure against Child Labor and Slave Labor; Global Ethics Day Campaign
- Training: periodic Compliance and Data Privacy training is carried out on AMP’s online platforms

BALL



- Compliance: Launch of the new version of Code of Conduct training

- Design and introduction of programmatic approaches to implement the “People Ambition” program, launched in 2022
- Conducting a global pulse survey of more than 11,300 employees to identify areas of strength as well as opportunities to address staff using targeted actions
- Launch of Ball Academy, updating learning approach with more comprehensive infrastructure
- Prioritizing customized programs for senior and frontline leaders, in addition to the launch of Best@Ball, a global development program for supervisors
- Testing a new approach to performance management with 1,000 employees from different regions
- Providing a reporting channel for reporting deviations regarding the Code of Conduct for employees, customers, suppliers and civil society
- Training employees to raise awareness about the prevention of moral and sexual harassment

15. RESULTS IN THE GOVERNANCE PILLAR

CANPACK



- **REQUIREMENT TO COMPLY WITH INTERNATIONAL STANDARDS ESTABLISHED BY THE INTERNATIONAL LABOR ORGANIZATION (ILO)**
- Updated the incident reporting policy
- Providing more communication and reporting channels, including a hotline in Brazil, managed by a specialized third-party company
- Harassment Training
- Formal commitment to the Universal Declaration of Human Rights and requirement of the same from suppliers and business partners
- Training employees to Prevent and Combat Sexual Harassment and Moral Harassment and updating the internal reporting channel policy, providing new communication channels

CROWN



- **UPDATE AND RECYCLING OF 100% OF ITS EMPLOYEES IN THE ETHICS PROGRAM AND CODE OF CONDUCT BY CROWN UNIVERSITY**
- Provision of a reporting channel for reporting incidents relating to the Code of Conduct for employees, customers, suppliers and civil society
- Training employees to raise awareness about the Prevention of Moral and Sexual Harassment

15. RESULTS IN THE GOVERNANCE PILLAR

ACTEGA



ECOVADIS CERTIFICATION FOR ALMOST ALL GLOBAL OPERATIONS, INCLUDING BRAZIL

Actega follows the governance principles of the German Corporate Governance Code, which is reviewed at least once a year to check recommendations and suggestion that can be implemented

As of 2023, all Actega shareholder representatives are independent of the company and the Board of Directors

Once a year, the Audit Committee of the Supervisory Board receives a written compliance report, which is presented and discussed at a committee meeting. The report provides an overview of the risks identified for each compliance area, as well as measures already implemented or planned for improving the system

ECOLAB



CERTIFIED WITH THE GOLD SEAL FROM ECOVADIS

In 2023, we received awards and recognition regarding governance, such as:

- 8th place on the list of 100 best companies in corporate citizenship (3BL Media)
- Considered one of the most ethical companies in the world for the 18th consecutive year (Ethisphere)
- Fairest Companies in the Americas (JUST Capital & CNBC)
- The Most Admired Companies in the World (Fortune)
- Alliance for Water Stewardship (AWS certifications at the Barueri and Suzano facilities)

15. RESULTS IN THE GOVERNANCE PILLAR

PPG

STOLLE MACHINERY



- 6th consecutive year on the list of the FTSE4Good Index Series, an index of ESG practices
- Global Certifications:
 - Fortune 2024 World's Most Admired Companies - #2 in Chemical Industries
 - Newsweek 2024 America's Most Responsible Companies
 - 90% rating on the CPA-Zicklin Corporate Political Disclosure and Responsibility Index
 - AA rating in the MSCI ESG rating; Human Rights Campaign Corporate Equality Index
 - First place more than 30 times on the R&D 100
 - Ranked on the list of America's Fairest Companies, led by the JUST 100
- In 2023, 100% of PPG employees in Brazil with internet access completed Code of Ethics training
- Launch of the anti-harassment policy - Training managers with a focus on leadership by ethical example and the role of leaders as a reporting channel

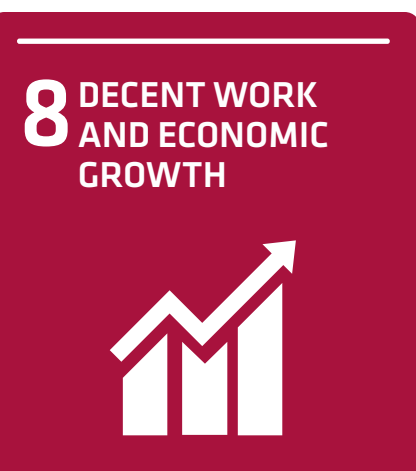
- Promotion of quarterly meetings of the Local Ethics and Compliance Committee, composed of members of senior leadership in Brazil
- Dissemination of the Code of Ethics and reporting channels
- Renewal of the Term of Commitment to the Culture of Ethics and Integrity, and the Manifesto Against Bribery, by Brazil's leadership team
- Conducting employee training in respectful communications, antitrust, proprietary information, harassment and discrimination

- 100% of leaders in Brazil were trained on the topic of preventing harassment in the workplace
- Training of leaders on ethical issues and bribery prevention involving public officials was carried out
- Meetings with employees to refresh the Group's code of conduct
- Regular sending of quarterly presentation on compliance of key leaders to headquarters abroad
- None of the reporting channels and anonymous forms were activated in 2023
- Maintaining exit interviews with all employees leaving the company
- Improvement of control routines to comply with international rules
- Improvement of the supplier registration process to mitigate potential fraud and cyber risks

SDGs addressed by the aluminum beverage can sector



Numerous awareness campaigns made by the sector, particularly on **environmental education**.



The sector constantly focused on workplace safety, risk mitigation and wellbeing of employees, including through **internationally recognized certifications**.



Through the main recyclers, the sector maintains collection centers, partnerships with operators and collectors, in addition to manufacturing units capable of receiving, treating and recycling the entire volume of aluminum cans placed on the domestic market. Additionally, **100% of aluminum can factories are already Zero Landfill**.



Around **800,000 recyclable material collectors families** benefited from the income generated by recycling aluminum cans.



The sector is facing this challenge with policies that promote **gender equality** in the companies that make up this Report.



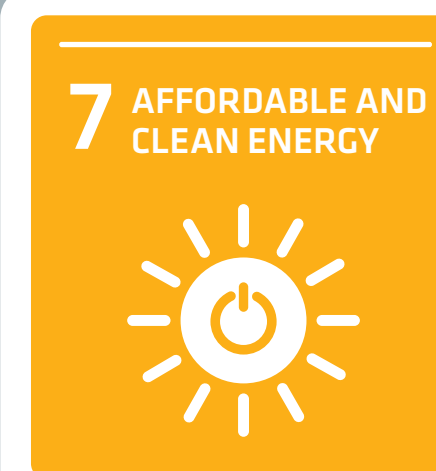
The ecosystem of the aluminum beverage can sector is vibrant and very well structured. It serves a market that grows year after year, with full **capacity to absorb and recycle the entire volume sold**.



The high recycling rates of aluminum cans significantly reduce GHG emissions and energy and water consumption throughout their life cycle. **Aluminum cans have the lowest carbon footprint of all beverage packaging**, emitting 10 times fewer GHGs on average.



Taking care of health and employee safety is a **non-negotiable value for the sector**.



Current levels of aluminum cans recycling reduce energy consumption in their life cycle by 70% and, for every metric ton of aluminum recycled, **95% of electrical energy is saved** compared to the production of primary aluminum.



The companies that make up this report maintain **programs to reduce inequalities**, such as training and support groups, in addition to carrying out surveys that internally monitor the percentage of social minorities. Each must legally comply with a minimum number of PwDs, for example, and some even have awards for these efforts.



Through Abralatas and Recicla Latas, **the sector engages with public stakeholders and private companies** to promote socioenvironmental education initiatives and public sustainable development policies, in addition to making formal commitments, such as with the UN Global Agenda.

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VOICES OF THE SECTOR: ESG AGENDA FROM OUR SENIOR EXECUTIVES





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Ardagh contributes substantially to the ESG agenda as we have challenging sustainability goals to achieve by 2030. We have already reached Zero Landfill in all our factories here in Brazil, and by 2030 we'll have projects related to reducing our carbon footprint, energy efficiency, and water use in our plants. Our purpose - We make packaging for good - is directly related to this theme”

JORGE BANNITZ
CEO, ARDAGH METAL PACKAGING
SOUTH AMERICA



“

As the world's largest manufacturer of sustainable aluminum packaging, we want to create a positive impact across the entire value chain and in the communities where we operate. We believe in the infinite potential of aluminum to promote a waste-free world, which is why we have developed a robust Climate Transition Plan, which outlines our journey to a fully circular and decarbonized business. Our commitment is to achieve zero carbon emissions by 2050.

We have accelerated our actions aimed at continuous improvements in our processes. We are focused on achieving 30% energy efficiency, 50% optimization of water use, and the transition to alternative sources of heat and renewable electricity. In addition, we have ASI certification for all of our factories in Brazil.”

FAUZE VILLATORO
CEO, BALL
SOUTH AMERICA



Sustainability is fundamental in our decisionmaking process. We have established clear and ambitious, but realistic goals, aligned with our commitment to the ten principles of the UN Global Compact, and with the pillars of our ESG strategy - CARE, SUSTAIN, AND RECYCLE. We aspire to be one of the leaders in the packaging market, using an approach that leads us to a more sustainable future.

The results reward CanPack's efforts to ensure a safe work environment for all our employees, with zero tolerance to discrimination and forced labor, our commitment to supporting a diverse, inclusive and respectful work environment, our support for reverse logistics, and reducing the consumption of raw materials and the generation of waste in our operations, and how we strive to promote a positive impact on the communities where we operate.

Our biggest challenge in ESG is to promote and deliver a truly sustainable business, continually carrying out innovative and creative actions, and being able to satisfy our employees, customers and consumers on a daily basis by manufacturing the most sustainable and recyclable packaging."

PAULO DIAS,
CEO, CANPACK



Our planet faces unprecedented challenges, with impacts on the present and especially for future generations. With this in mind, Crown's Twentyby30 program is focused on turning our challenges into opportunities. The five pillars of actions are prioritized based on the needs of our stakeholders and the urgency of the issues. Twentyby30 addresses environmental, social and governance through 20 measurable goals, all set to be achieved by 2030, or sooner, using a 2019 baseline.

In Brazil we made significant progress in reducing greenhouse gas emissions, lowering our water consumption, and eliminating waste. Additionally, we are committed to advancing the development of diversity and inclusion, all supported by a strong governance and ethics program. We are proud to contribute to social development in the locations where we are located and provide our customers with the best, most sustainable beverage packaging."

WILMAR ARINELLI
CEO, CROWN





Our team at ACTEGA is focused on contributing to sustainable business development. We work daily on new product projects that bring productivity and significant improvements to our customers' processes, such as reducing emissions with technological innovations and excellence in service.

We have an approach defined by four pillars: EHS, compliance, customer focus, and the appreciation, respect and growth of our team of employees. We work on programs and actions to provide quality solutions for our partners, the continuous development of our team, governance of our processes, and social contribution to our community, through the group of volunteers from ACTEGA in Brazil.”

RONALDO BEGNOSSI
MANAGING DIRECTOR,
ACTEGA DO BRASIL



Sustainability is part of Ecolab's daily routine and guides our own business. In all the sectors in which we operate, we partner with our clients to achieve the best results, always focusing on reducing energy and water consumption, in addition to reducing waste generation and carbon dioxide emissions.

Ecolab's business strategy adopts sustainability as a path to successful operations around the world. We are a global leader in sustainability, present in 170 countries. We work to ensure food safety, prevent infections, and make environments cleaner and healthier.

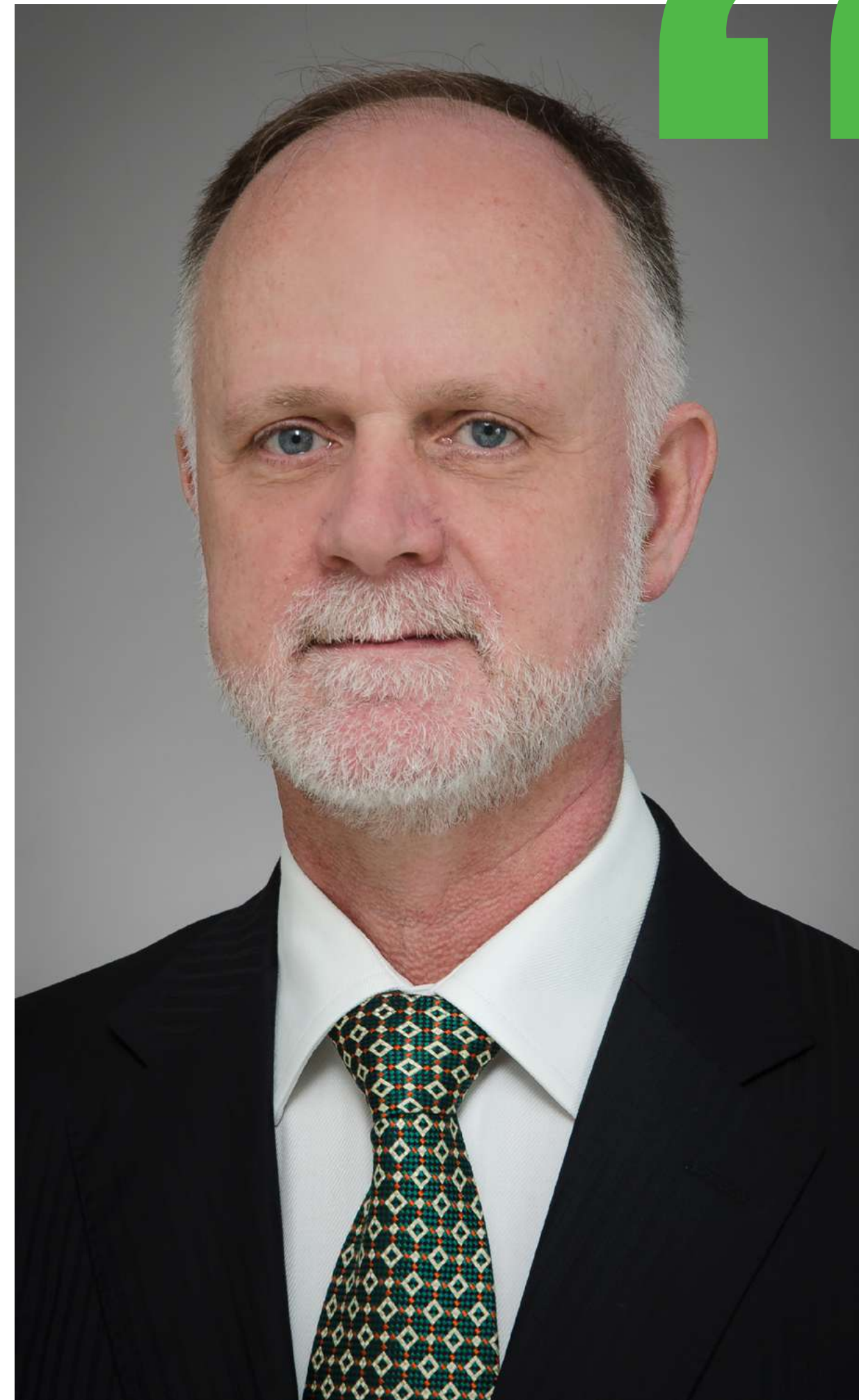
For us, sustainability is much more than making progress to conserve resources or reduce pollution. Our commitment is to make a positive impact using data, knowledge, and science.”

ALFREDO DE MATOS
CEO, ECOLAB BRASIL



At PPG, sustainability is a central element in our decisions to achieve our purpose of protecting and beautifying the world. From supporting social wellbeing and the circular economy, to developing products and processes with sustainable benefits that help solve our customers' biggest challenges, our ESG commitments drive our organization's long-term growth and promote sustainability across the value chain, while helping to mitigate climate change."

MARIZETH CARVALHO,
DIRECTOR-PRESIDENT, PPG SOUTH LATAM, AND GLOBAL HEAD OF STRATEGIC MARKETING FOR INDUSTRIAL COATINGS



ESG is one of the most important issues that permeates our organization.

Stolle is moderate in waste generation, so the focus is on optimizing our products, aiming for energy efficiency and reducing the consumption of inputs in our clients' operations.

The focus is on Social, where there are more opportunities for results. Various service programs for institutions in the city of Indaiatuba, where we are based, are underway, including a volunteer project we created. Internally, we have conversation circles and support for special cases. Our scholarship program helps train engineers, administrators, and technicians. We also provide language training, which has a good internal success rate. Finally, the most important thing is people, and we must invest in them to prosper and grow together."

FRANCISCO ESCUDEIRO,
EXECUTIVE VICE PRESIDENT, STOLLE SOUTH AMERICA / CHINA GROUP

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THE FUTURE OF THE ALUMINUM CAN

Brazil can rely on the aluminum beverage can sector to help achieve its sustainable development goals. The UN 2030 Agenda establishes a roadmap for building a more sustainable and inclusive future. Our sector directly contributes to several of these objectives, with emphasis on SDG 12 (Responsible Consumption and Production), SDG 1 (Eradication of Poverty) and SDG 13 (Action against Global Climate Change).

During COP28, held in 2023, Abralatas joined the aluminum industry's global initiative to achieve the global target of 100% recycling of cans by 2050. Brazil reached this mark in 2022 and posted 99.7% in 2023. Brazil has an opportunity at COP30 in 2025 to reaffirm its commitment to reducing greenhouse gas emissions and promoting a socially inclusive circular economy. The aluminum can sector is a great ally in this challenge.

The future has no room for products and services with a high environmental impact. The aluminum can is the answer we have in our hands today for a world that very soon will be even more demanding for a green economy.

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*LEARN MORE ABOUT OUR
SECTOR AND BE PART OF
THE STORY OF ALUMINUM
CANS IN BRAZIL*



ABRALATAS



RECICLA LATAS



CADA LATA CONTA



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