



Sustainability
Report

2023

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Sustainability has always been at the core of our business. Committed to ESG principles, we strive to add value to the agribusiness chain, contributing to environmental preservation and the development of communities where we operate across the country.

To demonstrate our increasingly strong commitment to the socio-environmental agenda and to enhance the visibility of the actions implemented during the year, we presented the third edition of this Sustainability Report¹ on May 29, 2024, prepared in accordance with the Global Reporting Initiative (GRI) Standards and adopting the SASB Standards. This report consolidates information about our activities of Caramuru Alimentos S.A. for the period January 01 to December 31, 2023 and covers our five manufacturing plants, 59 (owned and leased) warehousing facilities, transshipment facilities in São Paulo and Pará and the port in Amapá state. Our reporting covers the material topics that our stakeholders

have prioritized and the relevant qualitative and quantitative disclosures. The Report's contents link our material topics to the United Nations' Sustainable Development Goals (SDGs) and to the strategic planning guidelines needed to achieve our 2025 vision of being a widely recognized Business Group.

¹ Unlike our financial reporting, which is disclosed quarterly in accordance with the regulations of the Brazilian Securities Commission (CVM) — Caramuru is not listed on the B3 stock exchange, but is registered at the CVM as a Category A company and complies with all obligations required by the agency.

We welcome any questions, feedback or suggestions on this report. You can contact us by email to: sustentabilidade@caramuru.com



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2023 at a Glance



Economic and financial

- **R\$ 7.6 billion**
in Net Revenue
- **R\$ 239.8 million**
in Net Income
- **R\$ 489.6 million**
in Adjusted EBITDA



Sales (in metric tons)

- **896,700**
of value-added commodities
- **813,700**
of commodities
- **385,200**
of biofuels
- **396,300**
of consumer products



Investments

- **R\$ 250 million** allocated to the soy protein concentrate (SPC) processing plant in Itumbiara (GO)
 - Construction of a new double distilled glycerin plant in Sorriso (MT) and expansion of the crushing plant in Ipameri (GO) have begun, with a projected investment
- R\$ 78 million**
and **R\$ 208 million**, respectively



- **291,925 CBIOs** issued on the marketing of 436,053.93 m³ of biodiesel
- Production and marketing commences of soy ethanol
- **100%** of suppliers screened against environmental criteria
- **93%+** of our power consumption is based on renewable sources

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Message from the Chairman GRI 2-22



Throughout the year, our decisions were guided by the company's values and commitments, bolstering those related to sustainable development. Our corporate governance structure enabled Caramuru to tackle the period's challenges head on and to further elevate the level of ESG practices, especially in our relationships with suppliers and business partners.

Our position in the Brazilian agribusiness sustainable development agenda is founded upon three major commitments: zero deforestation; 100% monitoring of acquired raw materials; and refusal to accept non-compliances in the supply chain. This justifies the assertive role played by our Sustentar Program, which strategically addresses these three commitments and enables us to carry out socioeconomic and environmental analyses of our suppliers, thereby boosting sustainability and traceability in the supply chain. Our goal for 2025 is to achieve 85% compliance in the program, with 20% of growers participating.

Caramuru's targets platform aligns with our Vision 2025, which brings together a list of goals aimed at strengthening our recognition as a Business Group. In 2023, we conducted a workshop to implement our strategic planning, outlining the path the company should follow to achieve these and other goals. In this process, we aligned and designed initiatives that will be prioritized in the coming years, addressing key topics for our pillars of action.

The green financing goals undertaken as part of our commitments also stand out, which combine fundraising with the promotion of sustainable development. We progressed in both goals linked to the Export Pre-Payment (PPE), with the publication of our greenhouse gas inventory and the creation of the Sustentar Label and Certification.

The issuance of CBIOS is one of the company's strengths in the environmental agenda, with three units certified by RenovaBio: throughout the year, we produced more than 430,000 m³ of biodiesel. A highlight of 2023 was the start-up of hydrated soy ethanol sales, another biofuel. Our industrial complex in Sorriso (MT) became one of the first plants in Brazil and the world with commercial-scale production, demonstrating our pioneering role.

Another environmental front where the company excels is energy consumption. If we count all our operational units, at Caramuru more than 93% of our energy consumption derives from renewable sources. In 2023, our total energy consumption was 5,534,153 GJ, with 5,163,113 GJ coming from renewable sources. Moreover, with the investment made to implement a photovoltaic energy system in eight storage units in Goiás, our use of renewable sources could rise even further in the coming years.

On the social front, we strive to positively impact the communities in our geographies. In the last cycle, the Learning with You program, a Caramuru initiative aimed at making improvements in education and culture that completed 25 years, benefited 7,359 people with lectures, classes, donations and other activities. We also invested R\$ 756,000 in donations.

We celebrated multiple achievements this year thanks to the commitment of all our people, the experience and engagement of Caramuru's leadership and the trust of our stakeholders. We are proud of the results achieved despite the formidable challenges faced both at home and abroad, as they vindicate our strategic planning and reaffirm our excellence in creating value and promoting sustainability in agribusiness.

Gustavo Jorge Laboissière Loyola
Chairman of the Board

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Message from Chief Executive

GRI 2-22



In 2023, we outdid ourselves once again, achieving excellent results thanks to the solidity and planning that sustain our organic growth. Faced with the challenges of the period, especially overseas, we demonstrated our resilience, our ability to overcome adversity and seize opportunities, with major progress across all our five pillars of operation.

We began implementing the strategic planning in this cycle, which allowed us to structure and formalize the priority initiatives and actions, under the engagement and commitment of our leadership. There is consensus in the company that we are on the right path to achieving the goals and objectives set out in Caramuru’s Vision 2025, our north star for the next two years.

We closed 2023 with a Net Revenue of R\$ 7.5 billion, an Adjusted Ebitda of R\$ 489.6 million and Net Income of R\$ 239.8 million. This year, the company’s main investments were for creating new opportunities, such as expanding terminal XXXIX at Port of Santos (SP) and building a warehouse with the capacity for 120,000 tons of grains in Sorriso (MT). We also allocated resources to build a factory for the production of concentrated soy protein (SPC) in Itumbiara (GO) and to install a glycerin refinery in Sorriso (MT), projects that will be completed in 2024. Another notable investment is the formation of a joint venture with 3tentos Agroindustrial S.A. to develop the logistics and

storage structure in the North Arc of Brazil – the forecast is about R\$ 400 million until 2028, split equally between the parties.

The performance in our five pillars of operation over the year demonstrated consistency and resilience. In origination, we connected 5,000 suppliers and 5,700 properties to monitor socio-environmental criteria and disseminate good practices. Our integrated logistics once again proved to be a strategic differentiator, with 628,728 tons of products transported by rail and 247,359 tons by waterway. Our product portfolio, in turn, continued to benefit from the added value of value-added commodities, with strong sales and investments. In addition to generating significant revenues, biofuel production propelled the company along its ESG agenda, with 291,925 decarbonization credits (CBIOS) issued, an increase of 18.62% on 2022. And customer satisfaction rates continued soaring with our consumer products, hitting 95.3%.

Aware of the impact of climate change and the importance of the low-carbon economy, we began producing and marketing soy ethanol at the industrial complex in Sorriso (MT). The plant is one of the first in Brazil and the world to produce soy ethanol on a commercial scale, with an annual capacity of 9.5

million liters, of which 72% will be marketed in Brazil and 28% consumed internally as inputs.

Also in the environmental pillar, we established a partnership in 2023 between the Sinhac line of corn snacks and Instituto Arara Azul for biodiversity preservation. The NGO monitors the birds in the Pantanal and Cerrado biomes and develops other community-oriented projects, such as lectures to raise awareness of the importance of wildlife in the environment and workshops to foster entrepreneurship.

Our continuous care for people, the health and safety front also advanced this year with the second cycle of the “Safety: Conscientious Mindset” program, which seeks to instill preventive behavior in our culture, across all units. We remain steadfast in increasingly enhancing the commitment of leadership and raising the level of employee engagement around the topic.

We closed another cycle committed to our employees and the communities in our geographies, with enduring and prosperous connections in the value chain, joining forces to drive sustainable development with Brazilian producers. We thank our customers, partners, and shareholders for their trust, and we are certain that in 2024 the ESG agenda will continue its constant development at Caramuru.

Júlio César da Costa
CEO



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About Caramuru

GRI 2-1, 2-6

For nearly 60 years, we have conducted our business with determination and seriousness, always in the pursuit of greater innovation and competitiveness. We have gained prominence in Brazilian agribusiness due to our continuous commitment to fostering a sustainable future for our customers, associates and communities, thereby generating positive impacts on the planet and society.

Centered on a responsible business model, our journey has allowed Caramuru Alimentos S.A. to become one of the main Brazilian groups in the processing of soybeans, corn, sunflower, and canola. Our operations in the states of Goiás, Paraná, Mato Grosso, São Paulo, Pará, and Amapá span a wide range of activities including grain processing, oil extraction and refining, overseas shipping of soybeans, meal, oil, lecithin, refined glycerin, and soy protein concentrate (SPC), as well as biodiesel and soy ethanol production. We also have a meaningful operation in soybean-derived product logistics, with significant investments in the ports of Santos (SP) and Santana (AP) and in the Tietê-Paraná and Tapajós-Amazonas waterways.

Caramuru is the 2nd largest corn processor, the 7th largest soybean processor and the 6th largest biodiesel producer in Brazil.



Concentrated soy protein (SPC) plant, Sorriso (MT)

In Brazil our soy- and corn-based products sell under the Sinhá brand to consumers from all regions of Brazil. We also supply raw materials to manufacturers of pasta, biscuits, snacks, cereals and to other sectors such as breweries, mining and the animal feed industry.

Based in Itumbiara (GO), we are currently the second largest corn processor and the seventh largest soy processor in the country. Besides this, we hold a prominent position in the renewable fuels sector as the sixth largest biodiesel producer in Brazil. As an industry leader for value-added commodities such as non-genetically modified (NGMO) products, and a front runner for supply-chain traceability, we export our products to countries such as Germany, Canada, China, the United States, the Netherlands, Indonesia, Norway and Turkey.

We have a high origination capacity and create a notable positive social impact. We also have unique integrated and multimodal logistics capabilities including ports and access to rail, highway and waterway infrastructure.

We strive to achieve a sustainable production chain. To this end, we have adopted five strategic pillars in our planning that guide our business: origination; integrated logistics;

value-added commodities; biofuels; and consumer products (*see more on page 44*). We are committed to sustainable growth and long-term shared value with our stakeholders. We achieve this thanks to our well-prepared and engaged teams dedicated to delivering ever better results. We ended year 2023 with a workforce of 2,431 employees, including 1,942 men and 489 women.

We are renowned for our transparent and ethical management, grounded in our mission, values and vision, which ensure a reliable and sustainable business model aligned with the best market practices.



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Mission

To supply high-quality food products, ingredients, biofuels and services that meet the needs of customers and consumers while creating value for society, suppliers, employees, and shareholders.



Values

- Integrity and Ethics
- Trust and Mutual Respect
- Simplicity and Transparency
- Employee Recognition and Development
- Discipline and Professionalism
- Daring and Creativity
- Perseverance
- Environmental Stewardship



Vision 2025

To be recognized for:

- Serving customers and consumers with high quality products and services
- Supplying value-added commodities
- Cultivating an environment that fosters creativity, innovation, and self-development among our employees
- Building strong consumer product brands
- Building robust and innovative logistics capabilities
- Expanding our international geographies through structured investments
- Operating in accordance with environmental, social, and economic sustainability principles
- Implementing processes supported by automation and technological advancements
- Prioritizing the health and safety of our employees
- Maintaining a consistent track record of growth and profitability

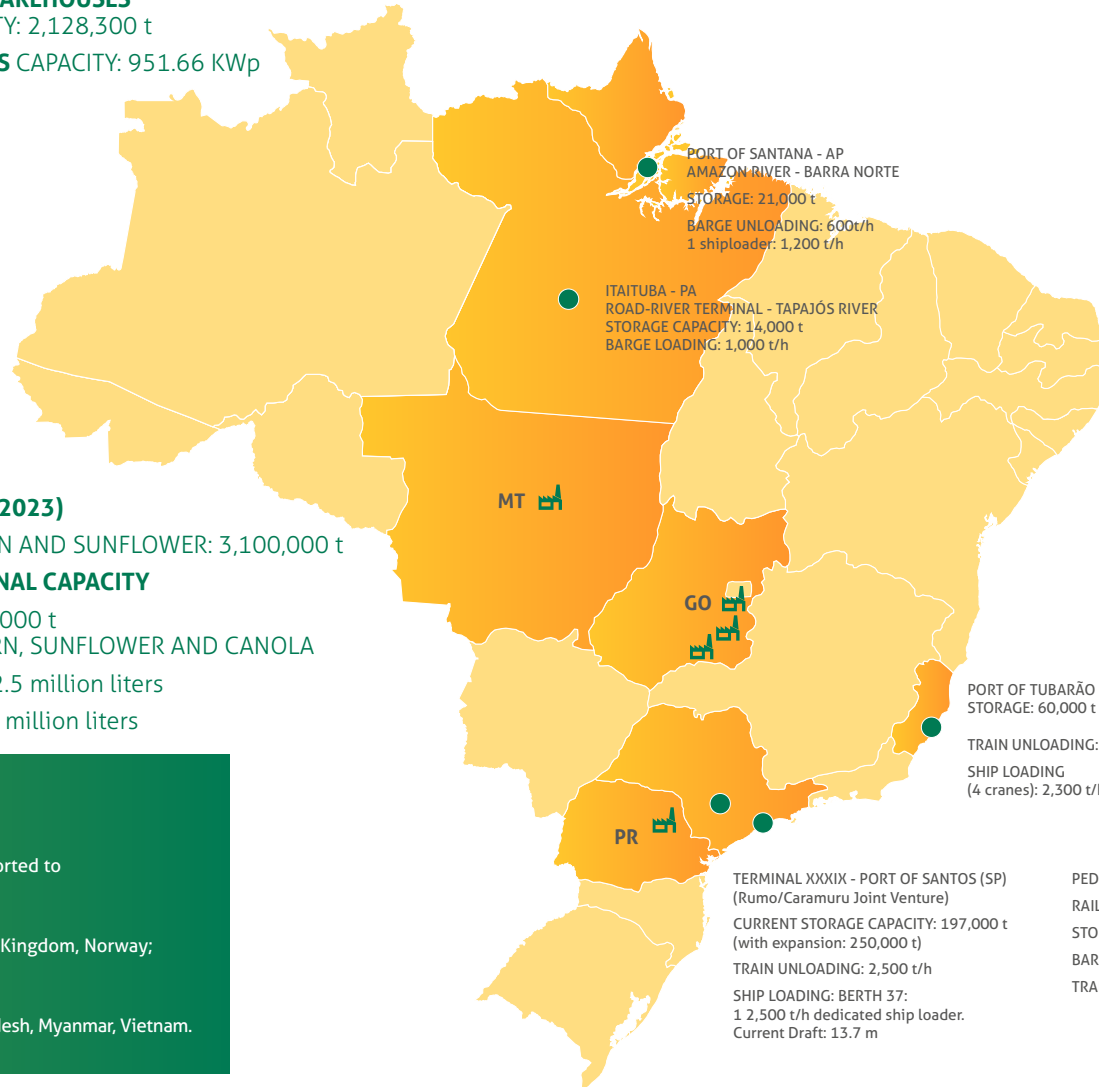
To be a group renowned for its sustainability principles is one of the objectives in our 2025 Vision.

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Caramuru by the numbers

59 GENERAL WAREHOUSES
 STATIC CAPACITY: 2,128,300 t
8 SOLAR FARMS CAPACITY: 951.66 KWp

ORIGINATION (2023)
 SOYBEAN, CORN AND SUNFLOWER: 3,100,000 t
ANNUAL NOMINAL CAPACITY
 REFINING: 230,000 t
 SOYBEAN, CORN, SUNFLOWER AND CANOLA
 BIODIESEL: 552.5 million liters
 ETHANOL: 16.5 million liters



Ipameri Complex (GO)



SOYBEAN STORAGE: 120,000 t



SOYBEAN PROCESSING PLANT: 1,500 t/day



DIESEL PRODUCTION PLANT: 225 million liters/year
 REFINED GLYCERIN PLANT: 54,000 t/year



TRAIN LOADING MEAL AND SOYBEAN SHIPPING: 500 t/h
 BIODIESEL SHIPPING: 160 m³/h

Itumbiara Complex (GO)



PLANT I
 SOYBEAN PROCESSING: 1,700 t/day



SPC PLANT
 (SOY PROTEIN CONCENTRATE): 300 t/day



PLANT I
 CORN PROCESSING: 24,000 t/month

PLANT II
 SOYBEAN, CORN AND SUNFLOWER PROCESSING: 500 t/day

PLANT II
 PRE-COOKED FOOD PRODUCTION: 5,000 t/month

LECITHIN PRODUCTION: 500 t/month
 COGENERATION: 10.6 MWh

São Simão Complex (GO)



ROAD-RAIL TERMINAL (Caramuru + Rumo Joint Venture)



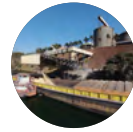
STORAGE CAPACITY: 88,000 t
 SOYBEAN PROCESSING PLANT: 1,800 t/day



SÃO SIMÃO INTERMODAL PORT



ROAD-RIVER TERMINAL 1
 BARGE LOADING: 500 t/h bran/soybeans



ROAD-RIVER TERMINAL 2
 BARGE LOADING: 500 t/h bran/soybeans

LOADING: 3,000 t/h
 STORAGE CAPACITY: 42,000 t

GLYCERIN PLANT: 19,000 t/year
 BIODIESEL PLANT: 225 million liters/year
 COGENERATION: 2.6 MWh

TIETÉ-PARANÁ WATERWAY

NORTE SUL RAILWAY - SOUTH LINE (Operator: RUMO Logística)

Sorriso Complex (MT)



SOYBEAN PROCESSING PLANT: 1,200 t/day
 SPC PLANT (soy protein concentrate): 600 t/day



SOYBEAN STORAGE: 160,000 t



BIODIESEL PLANT: 102.6 million liters/year
 REFINED GLYCERIN PLANT: 54,000 t/year
 COGENERATION: 8 MWh



SOY MOLASSES LECITHIN PLANT: 3,700 t/year
 SOY LECITHIN PLANT: 4,320 t/year



SOY MOLASSES ETHANOL PLANT: 10.8 million liters/year

Apucarana Complex (PR)



CORN PROCESSING PLANT: 15,000 t/month



CORN GERM PROCESSING PLANT: 12,000 t/month

TERMINAL XXXIX - PORT OF SANTOS (SP) (Rumo/Caramuru Joint Venture)
 CURRENT STORAGE CAPACITY: 197,000 t (with expansion: 250,000 t)
 TRAIN UNLOADING: 2,500 t/h
 SHIP LOADING: BERTH 37: 1 2,500 t/h dedicated ship loader. Current Draft: 13.7 m

PEDERNEIRAS INTERMODAL PORT - TIETÉ RIVER (SP)
 RAIL-RIVER TERMINAL (Joint Venture)
 STORAGE: 60,000 t
 BARGE UNLOADING: 500 t/h
 TRAIN LOADING: 500 t/h



International presence

Through our international operations, our products are exported to customers worldwide:

Europe: Germany, Netherlands, Switzerland, Turkey, United Kingdom, Norway;

Africa: Ivory Coast, Angola, South Africa, Egypt;

America's: United States, Canada, Mexico, Chile;

Asia: China, Malaysia, Philippines, Indonesia, Oceania, Bangladesh, Myanmar, Vietnam.

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Sustainability Journey

GRI 2-12, 3-1

Since the very onset, socio-environmental responsibility has permeated everything we do. We are committed to offering products that are sourced solely from sustainable origins and recognized for their respect for the environment, people and economic viability to meet an increasingly demanding market. Given the growing importance of the ESG agenda in our business, we have structured our sustainability governance framework and branched out the concept to our business partners, suppliers and customers.

True to our Vision 2025 to be renowned for sustainable practices, we have embedded socio-environmental actions in our strategic planning by structuring reporting for different leadership levels of the company, aligning actions and socio-environmental indicators and monitoring market demands and trends.

The process of get closer to our main stakeholders is an important part of our journey towards sustainability, aiming at the formulation of successful strategies and better sizing of the impacts generated.

Our material topics were identified by the double materiality methodology, which encompasses both financial and non-financial factors. This was five-step process conducted in 2022¹: defining the purpose, scope, and tools for the assessment; identifying stakeholders² and refining the topic list; ranking the topics by priority based on impact and financial aspects; reviewing the results and developing the matrix; and validating the topics with top management. There are 12 material topics in total.

With support from external consultants, we established five ESG levers addressing our priority areas of focus. Each lever is articulated to an aspiration for 2030, aligning with the "Decade of Action" and the United Nations' Sustainable Development Goals (SDGs). Each lever is also mapped to our material topics and the SDGs.

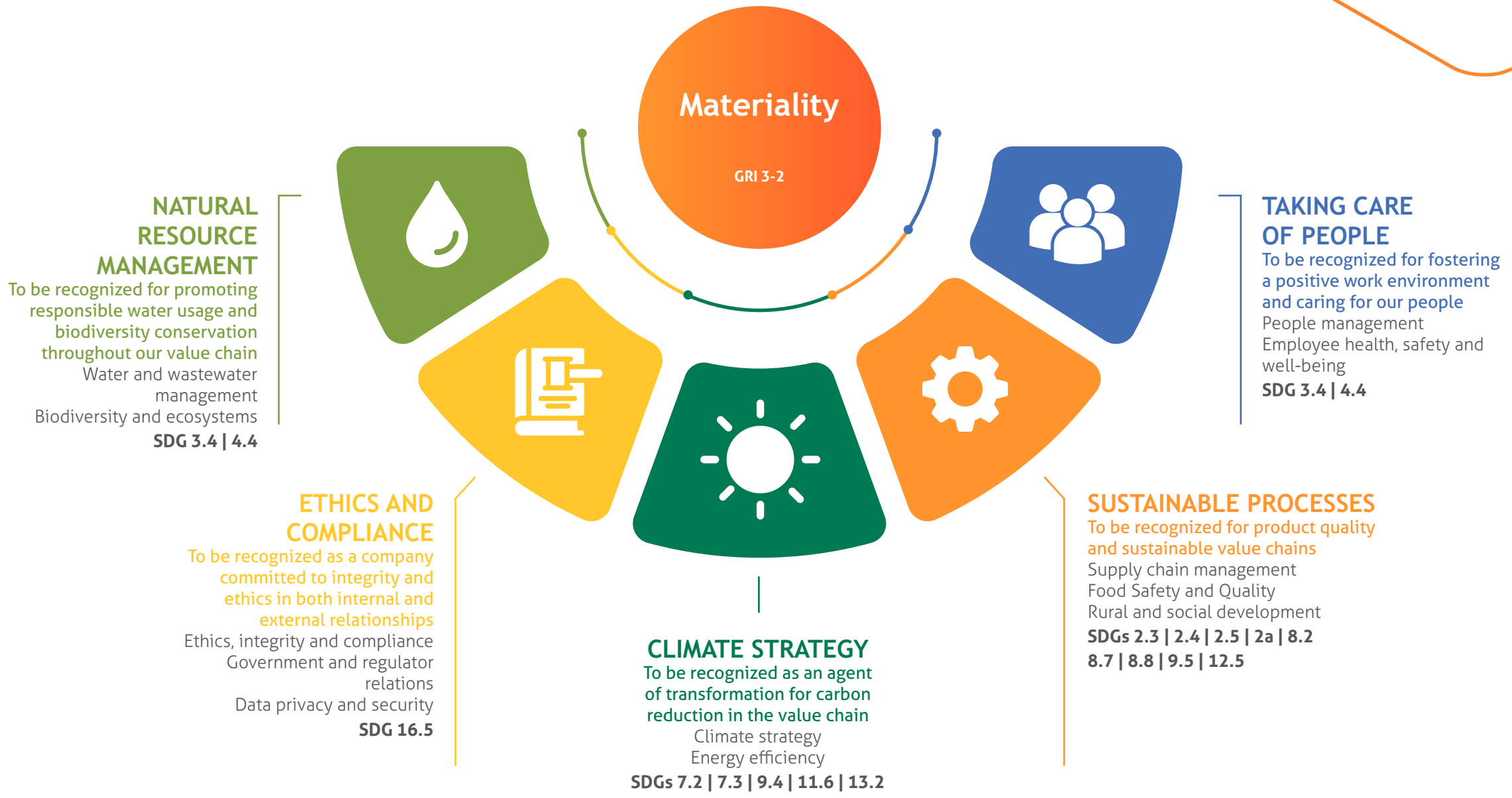
¹ Focused on the company's activities, the process was overseen by the Board of Directors, which endorsed the final list of material topics. The review occurs as needed and/or when the methodology changes, without a fixed frequency.

² The stakeholder groups consulted included shareholders and investors, employees, business partners, clients and/or consumers, suppliers and unions.



Given the importance of ESG, we structured our sustainability governance framework and branched out the concept to our business partners, suppliers and customers.

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Sustainability Policy

Our Sustainability Policy sets out the values, objectives, guidelines and rules that govern our sustainability practices, ensuring our operations have a positive impact on communities where we operate and on society as a whole. The Policy applies to employees, senior management, board members, and shareholders, as well as all suppliers, contractors, government officials, representatives of regulatory agencies, and any other party that has contractual or business relationships with the company and its associates, affiliates, and subsidiaries.

The Executive Board is tasked with implementing and overseeing this policy, which receives multidisciplinary support from elsewhere, above all the Board of Directors for analyzing the effectiveness of this implementation, which is conducted during the strategic planning cycles. The Executive Board provides compliance support to all parties involved in our sustainability programs, including contractors, through a specialized team that offers guidance, advice, and periodic training.

Our relationship with stakeholders is underpinned by transparent communication. We also raise awareness and conduct training and corporate social responsibility initiatives.

Stakeholder engagement GRI 2-29

Caramuru engages various stakeholder groups, including customers, employees and other workers, shareholders, investors, suppliers and unions. Our relationship with all these stakeholders is underpinned by transparent communication through diverse communications channels. We also raise awareness and conduct training and corporate social responsibility initiatives.

We engage with stakeholders to identify actual and potential impacts, build lasting relationships, understand needs and expectations, manage risks and opportunities, comply with regulatory requirements, strengthen the reputation and image of the brand, promote sustainability and respond to the demands of the company's interest groups.

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Food quality and safety GRI 3-3

Our purpose is to nourish the world in a safe, responsible and sustainable manner. We invest in a series of initiatives to ensure that the quality and safety of our food comply with Brazilian laws and those of other countries. We want to be recognized for serving customers and consumers with high quality products and services, as enshrined in our 2025 Vision.

To fully achieve this goal and ensure the quality and safety of the food we produce for human and animal consumption, we have implemented the following actions in our routine: implementation of management tools; management of new projects; compliance with federal, state, municipal, exporting countries' control bodies' and customers' requirements; customer service; supplier audits; and corporate social responsibility initiatives.

We always ensure all our products are certified for compliance with both Brazilian and international quality and product safety standards. Conducting regular internal audits, inspections by certification and regulatory bodies such as the Ministry of Agriculture and Livestock (Mapa) and the National Health Surveillance Agency (Anvisa), and assessments are part of our activities and drive the continuous improvement process of our products.

To meet the demands of clients around the world, we hold GMP Plus certification, which attests to the safety and high quality of the food produced as animal feed. We also comply with the *Food Defense* requirement, which helps organizations handle threats of food contamination and sabotage. We are also accrediting the Sustentar Program in the European market through registration at the European Feed Manufacturers' Federation (FEFAC).

We conduct customer satisfaction surveys every two years to assess various factors, including perceptions not only about our human consumption products but also regarding inputs, meals and biofuels. The survey findings are leveraged by all Caramuru teams to improve the quality of products and services.

In 2023, 97.6% of our product categories (including soybean meal, unprocessed, degummed and refined oils, Sinhá-branded mixes, soy lecithin, biodiesel and glycerin) and logistic services (port and transshipment services) underwent assessments on food quality and safety aspects. We also participate in various forums on these topics and environmental issues.



Soy Oil Packaging - Itumbiara Complex (GO)



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Our packaging^{1 2}

Throughout our value chain, we share the responsibility of following safe practices. Our labels contain detailed information in accordance with technical specifications, prepared following a comprehensive analysis of the regulations applicable to each product (including Anvisa, Mapa, and Inmetro regulations). We also provide training to ensure a thorough understanding of these standards and regulations, and at least two employees are involved in the approval of package labeling.

The main regulatory labeling requirements are: ingredient lists; whether the product contains allergens, gluten, and lactose; whether the product contains colorings and flavorings; quantity; nutritional information; GMO labeling; manufacturing date and lot number; product and distributor information; calculation and assessment of commercial claims; and other specific details required for each product. Even though it is not mandatory, we also include recycling information on all our packaging.

We have a partnership with eureciclo, a nationwide reverse logistics company, to boost environmental offsetting and ramp up the recycling of waste to 30% of all the packaging we place on the market, in line with the National Solid Waste Policy (Law No. 12,305/10 and Decree No. 11,043/22). The eureciclo label on our packaging indicates to consumers our commitment to increasing recycling rates in Brazil.

¹ None of the following types of information are required by the company's procedures for product and service information and labeling: outsourced product or service components; content, particularly regarding substances that may have environmental or social impacts; safe use of the product or service; and product disposal and social and environmental impacts. Although not mandatory, all Caramuru packaging includes information on its composition for recycling purposes. Additionally, all packaging features educational messages such as "Keep your city clean" on all rolls, boxes, cartridges, labels, and bags, and "Recycle your oil" on Sinhá oil bottles. **GRI 417-1**

² We evaluate 100% of the significant product categories aimed at the end consumer, industrial food line, animal feed, and bran to ensure full compliance with the company's information and labeling procedures.



eureciclo®

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Commitments and certifications

To actively contribute to the sustainable development of Brazilian agribusiness, we have undertaken the following commitments to stakeholders and the general public, drawing on our own growth goals and values:



Zero Deforestation

Source none of our raw materials from deforested land, starting from August 2020



100% Traceable Raw Materials

Monitor 100% of the raw materials we source, starting from January 2019



Zero Tolerance for Nonconformities

We have not procured raw materials (soy, corn, and sunflower) from suppliers with compliance restrictions since January 2020

Green finance

We raised USD 80 million through Sustainable Export Pre-Payments (PPE), linked to two targets: one related to supply chain transparency and traceability, and the other to greenhouse gas (GHG) emissions.

In accordance with the Green Bond Principles and the climate and environmental benefits resulting from our operations, in 2022 we completed an issuance of Agribusiness Receivables Certificates (CRA), raising R\$ 956 million. The following projects are eligible to use the Green CRA proceeds: i) sourcing of soybeans intended for biofuel production; ii) sourcing of soybeans, corn, and sunflower from Sustentar-certified suppliers; and iii) the procurement of freight transportation services and investments (CAPEX) in low-emission transportation modes. All these projects are fundamental to the development of our business.

We used the funds to purchase 352,245 tons of soybeans grown in the Cerrado biome, and all the raw material was evaluated by the Sustentar Program, ensuring 100% traceability. 66,927 tons of oil were produced from the volume acquired, which was used to produce 74,287 m³ of biodiesel. In 2023, Caramuru's total biodiesel production generated 291,925 decarbonization credits (CBIOs). This cycle demonstrates an efficient use of available funds, while contributing to the sustainable production of biofuels.

Climate change

Year	KPI	Status
2023	Emissions inventory including scopes 1 and 2	See page 64
2024	Emissions inventory, including scopes 1 and 2 (audited)	
2025	Emissions inventory, including scopes 1 and 2 (audited) and scope 3 (not audited)	
2026	Emissions inventory, including scopes 1, 2 and 3 (all audited), a decarbonization plan, and reduction targets for scope 1 and 2 emissions	

Supply chain transparency and traceability

Year	KPI	Status
2023	Create <i>Sustentar</i> certification label	See page 40
2024	Maintain 100% supply chain traceability and audits, including both direct and indirect suppliers	
By 2025	Certify up to 20% of grain suppliers within the Sustentar program on the following schedule: 13% in 2023, 17% in 2024 and 20% in 2025	



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Associations GRI 2-28

To monitor and discuss issues relevant to business development, we are members of the following associations, groups and unions: Brazilian Corn Industry Association (Abimilho); Goiás State Industrial Development Association (Adial); Brazilian Association for Regional and Sustainable Development (ADIAL Brasil); Commercial, Industrial, and Services Association of Apucarana (Acia); Commercial, Industrial, and Services Association of Itumbiara (ACISI); National Association of Cereal Exporters (ANEC); Brazilian Post-Harvest Association (ABRAPOS); Santos Commercial Association (ACS); Commercial, Industrial and Services Association of Goiás State (Acieg); Mato Grosso Association of Cereal Companies (ACEMAT); Goiás Agricultural Input

Distributors Association (ADIAGO); Brazilian Biodiesel Producers Association (APROBIO); Association for Business Management Education (ABAI); American Chamber of Commerce for Brazil (Amcham); Brazilian Business Council for Sustainable Development (CEBDS); Mato Grosso Industry Federation (FIEMT); Institute for Industrial Development Studies (IEDI); Rice, Corn, Soy, and Coffee Processing Industry Union of Paraná (Samisca); Goiás General Warehouses Union; Union of Food Industry Workers in the Mato Grosso State Municipality of Sorriso; Inland Waterway Shipowners Union of São Paulo State; and Mato Grosso Union of Biodiesel Producers.



São Simão Complex (GO)

Brazilian Business Pledge for Water Security 2025

Our contribution to improving the country's water security (learn more on page 67) manifests itself through two commitments made with the Brazilian Business Council for Sustainable Development (CEBDS):



Target 1

Enhance the integration of water-related aspects into business strategy through the project "Water Monitoring for Continuous Improvement"



Target 3

Measure and publicly communicate the company's water stewardship strategy through the project "Communication on Water Performance."



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Social, environmental and quality certifications

We have specific certifications for our units, allowing the sale of products under different labels, as can be seen in the following list.

Itumbiara Facility (GO)



- **Integrated Management System (ISO 9001, 14001 and 45001):** research and development, production of soybean and sunflower meal, unprocessed soybean and sunflower oils, degummed soybean oil, refining of soybean, corn and sunflower oils, packaging of soybean, corn, sunflower and canola oil, and the production of blended and flavored vegetable oils in the manufacturing plant;
- **GMP+FSA:** marketing and production of raw materials for animal feed;
- **HACCP (soybean plant):** production of soybean meal, degummed oil, crude and refined soybean oil; sunflower meal, crude and refined sunflower oil; crude and refined corn oil; refined canola oil; flavored and non-flavored compounded oils; and soy lecithin;



- **HACCP (corn plant):** production of corn in jute bags or big bags including processed, ground, and granulated corn, from grain reception to finished product shipping;
- The site's commodity production operations are compliant with Muslim dietary laws (Halal);
- The site's commodity and corn-derived product operations are compliant with Jewish dietary laws (Kosher).
- **GMP+FSA:** chartered maritime and rail shipping.

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Ipameri (GO)



- **GMP+FSA:** production of raw materials for animal feed;
- **FSSC 22000:** processing of refined soy glycerin for the food industry, category K;

- **NBR ISO/IEC 17025:** identification of services performed by testing laboratories accredited by the INMETRO Accreditation Body (CGCRE), in accordance with ABNT NBR ISO/IEC 17025, under number CRL 0962; the accreditation scope can be found on the relevant website;
- The site's commodity production operations are compliant with Muslim dietary laws (Halal);
- The site's commodity production operations are compliant with Jewish dietary laws (Kosher);
- The site is certified within the RenovaBio program.



São Simão (GO)



- **ISO 9001:** production of soybean meal, degummed soybean oil, and soy lecithin;
- **HACCP:** production of Hipro soybean meal, degummed soybean oil, and lecithin;
- **GMP+FSA:** production of raw materials for animal feed;
- **FSSC 22000¹:** Production of Soy Lecithin, category K;
- The site's commodity production operations are compliant with Muslim dietary laws (Halal);
- The site's commodity production operations are compliant with Jewish dietary laws (Kosher);

- **PROTERRA and NGMO:** deforestation- and genetically modified organism (GMO)-free production;
- The site is certified within the RenovaBio program.

¹ On December 08, 2022, the GFSI (Global Food Safety Initiative) Steering Committee suspended the International Featured Standards (IFS) for a period of three months. On March 07, 2023, the GFSI Steering Committee decided that the IFS had made the appropriate corrections, and its recognition was reinstated. In light of this, Caramuru transitioned the IFS certification at the São Simão Unit to the FSSC 22000 certification during this period.



Sorriso (MT)



- **GMP+FSA:** production of raw materials for animal feed;
- **ISO 9001:** production of crude oil, soybean meal, soy lecithin, and soy protein concentrate (SPC);
- **HACCP:** production of crude oil, soybean meal, soy protein concentrate (SPC), and soy lecithin;
- **IFS:** production of soy lecithin, bulk loading;
- The site's production operations are compliant with Muslim dietary laws (Halal);
- The site's production operations are compliant with Jewish dietary laws (Kosher);
- **PROTERRA and NGMO:** deforestation- and genetically modified organism (GMO)-free production;
- The site is certified within the RenovaBio program.



Apucarana (PR)



- **ISO 9001 and HACCP:** manufacturing of corn flour, grits, cracked corn, cornmeal, corn semolina, cream, and flakes.

Pederneiras (SP)



- **GMP+FSA:** transshipment and storage of soybean meal.





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Strategy, investment and governance



Our critical success factors are the training, development and empowerment of people.



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Strategy, investment and governance

We have a inbuilt industrial vocation, driven by organic and sustainable growth. Our strategic business focus is on expanding our portfolio with higher value-added products and producing value-added commodities through strong and innovative logistics, aiming to grow our representation in Brazilian agribusiness.

Our strategic planning sets investment priorities to allow future adjustments to keep us competitive in the market, based on the speed of achieved results, focusing on what creates the most value and synergy with our business and our 2025 Vision.



Itumbiara Complex (GO).

Our strategic planning



Aims

- Grow 15% annually in equity, ensuring 20% profitability and incorporating investments supported by strategic pillars.
- Achieve an annual EBITDA margin of 9% by 2025.



Strategies

- Consolidate ongoing and approved investments.
- Strengthen the logistics structure of the Northern Route.
- Increase participation in value-added products.
- Optimize processes to enhance productivity.



Critical success factors

- Maintain an adequate capital structure to support operations and investments.
- People coaching, development and training.
- To enter international geographies.



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Interview with Alberto Borges, Strategy Committee coordinator

In 2023, Caramuru made significant progress in its sustainability journey by ramping up actions and guidelines. Looking at the environmental agenda and climate strategy, what are the highlights of this cycle?

As demonstrated by our list of material topics, addressing climate change is a fundamental pillar for the company. In the 2023 cycle, we took an important step in consolidating certain projects and initiatives, further emphasizing the importance of this issue in our decision-making process. Our focus is on the three commitments defined by the Strategic Committee: zero deforestation, raw material monitoring and maintaining compliance.

Caramuru also excels in the production of clean and renewable fuels. Throughout the year, 291,925 decarbonization credits were issued from the sale of 436,053.93 m³ of biodiesel at RenovaBio-certified plants. Another of the company's strength is its internal energy consumption: 93% of our power consumption is based on renewable sources. We are now working on the development of the Strategic Fuel Plan, which will steer our actions until 2035.

During the year, the company also held a strategic planning implementation workshop, as part of our Vision 2025. What were the notable results of this meeting?

We defined our main critical success factors as maintaining an adequate capital structure to support operations and investments; training, qualifying, and retaining people; and our international presence. These factors will serve as the springboard for achieving our objectives and implementing our strategies: consolidating investments; strengthening the logistics structure in the Northern Route; increasing participation in value-added products; and optimizing processes to increase productivity.

How does Caramuru's investment journey connect to strategic initiatives and material topics?

The last 10 years have been marked by heavy investments, accumulating over R\$ 1.7 billion in funds allocated to the company's strategic projects. Notable investments include those aimed at expanding opportunities and strengthening our logistics structure, such as the construction of a grain warehouse and an SPC plant, the expansion of terminal XXXIX at Port of Santos (SP) and the installation of a glycerin refinery. To develop the logistics and storage structure in the North Arc, we plan to invest approximately R\$ 400 million by 2028 through a joint venture with 3tentos Agroindustrial S.A.

Our focus is on the three commitments defined by the Strategic Committee: zero deforestation, raw material monitoring and maintaining compliance.





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Caramuru's raising and allocation of funds are also directly connected to the ESG agenda. Operations carried out via Agribusiness Receivables Certificates (CRA) and Export Prepayments (PPE) in 2022 are indexed to projects and goals related to biodiesel production, sustainable agriculture, climate change and supply chain traceability. In December 2023, Caramuru also secured a USD 29.5 million credit facility from New Development Bank (NDB), which we qualified via the Sustentar Program. The funds will be allocated to grain storage projects located in the cities of Silvânia (GO), Ipameri (GO), Chapadão do Céu (GO), and Jataí (GO). Also noteworthy are the investments made in health and safety: over R\$ 10 million allocated in the year to projects in this area, such as the Safety: Conscientious Mindset program and training and capacity-building initiatives for employees.

Is the company on track to achieve its 2025 Vision goals and objectives?

Caramuru's operation is well-defined in terms of production volume, sourcing practices, product lines (including added-value lines), and relations with domestic and international markets. We have delivered significant results across all operational pillars and are confident that the coming years will be no different. We will continue to rely on our operational solidity, leveraging critical success factors to achieve our objectives and realize our 2025 Vision: to be a recognized Business Group.

We are developing projects and initiatives capable of driving us towards each established objective on the horizon, supported by our investment journey. We also benefit from the committed engagement of our leaders, known internally as strategic initiatives guardians, and the dedication of all our employees.

How does Caramuru view the upcoming cycles in terms of challenges and opportunities? What issues do you believe will be especially critical for the business and be central to dialogs with stakeholders?

Before understanding the opportunities that lie ahead for the company in the near future, I am compelled to mention that Caramuru takes great pride in always being in the right place at the right time to maintain its growth gradually, organically and without setbacks. The company selects its priorities wisely, and due to our operational robustness, we have a reputation for delivering consistent results. I believe that our challenges and opportunities will directly align with the plans and strategies developed over the years. Our focus is to continue strengthening the pillars of our operations (Sourcing; Integrated Logistics; Value-added Commodities; Biofuels; and Consumer Products) and to keep embedding environmental, social and governance practices into our business.



SPC facility, Sorriso (MT)



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Investment journey

We know that agribusiness plays a central role in addressing some of the world's most urgent challenges. This motivates us to stay focused on our operational strength and delivering positive results, at the same pace observed since we started out nearly 60 years ago. We guide our business towards adding value to our portfolio, diversifying products, and investing in innovation, technology and sustainability to reach new markets and customers.

In 2023, we finished work on the genetically modified (GMO) soy protein concentrate (SPC) plant in Itumbiara (GO). This investment allows us to operate in other niche markets of value-added commodities, especially in the production of aquaculture feed in South America and Southeast Asia.

In 2024, we aim to complete the installation of the glycerin refinery in Sorriso (MT), and to continue investing in the terminal in Santos (SP). For 2025, our growth plans remain ambitious, with the expansion of the crushing plant in Ipameri (GO) and in Santana (AP).

Another major investment for Caramuru in the coming years is the formation of a 50-50 joint venture with 3tentos Agroindustrial S.A., aimed at developing the logistics and storage facilities in Brazil's Northern Arc. The planned investments amount to approximately R\$ 400 million by 2028, divided equally between the parties. Once completed, this operation is estimated to go on stream in 2026, and will initially have the capacity to move around 2

million tons of grains and meal per year, rising to 5 million tons by 2028. This partnership reinforces the companies' progress in exploring logistical alternatives in Brazil, increasing the efficiency of the flow of higher value-added products, an important step for Caramuru and 3tentos in the Northern Region.

In the last decade, we have invested over R\$ 1.7 billion¹, expanding our footprint and occupying leading positions in Brazilian agribusiness.

¹ Figure adjusted for inflation.

Pioneering project in Goiás

In October, we inaugurated an industrial plant to process genetically modified (GMO) soy protein concentrate (SPC) in Itumbiara (GO), with a processing capacity of 90,000 tons per year. This produce is aimed at markets in Latin America and Asia. This is a pioneering project in Goiás, with an investment of R\$ 250 million, generating 42 new jobs and maintaining 1,123 current employees, while providing income for the local population working in services and products for the agricultural sector.



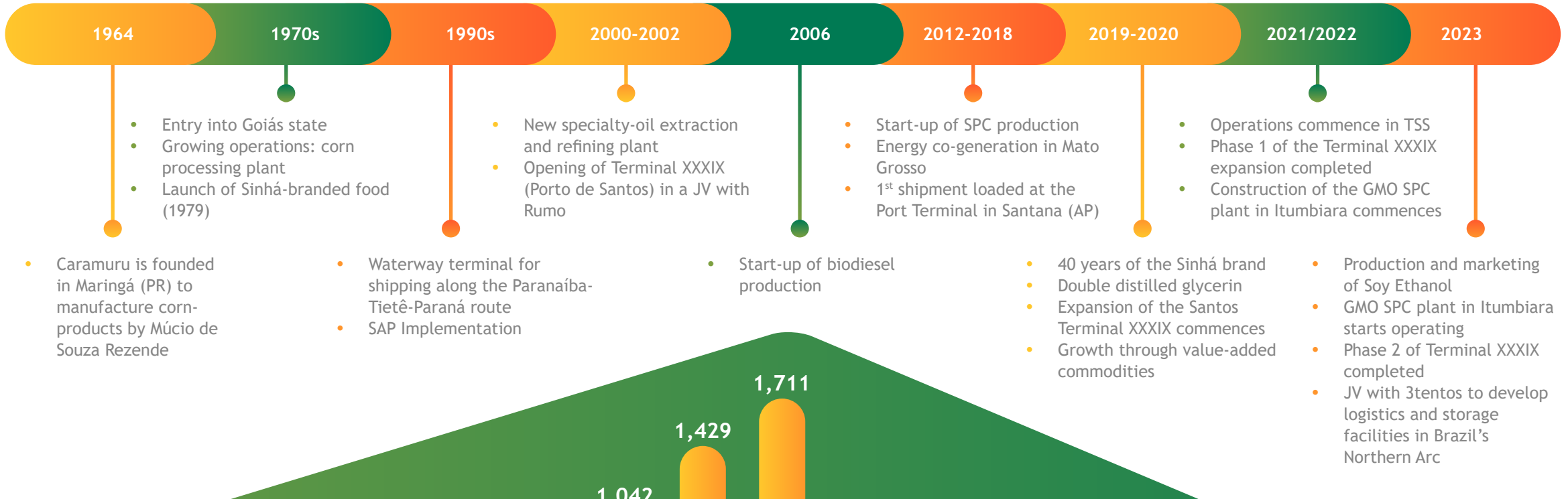
We steer our business towards adding value to our portfolio, diversifying products and investing in innovation, technology, and sustainability.

SPC Plant, Itumbiara (GO)

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Gold Journey

Over 59 years revolutionizing Brazilian agribusiness with integrated investments and sustainability



Accumulated investments surpass R\$ 1.70 billion in the last decade alone¹

¹ Figures adjusted for inflation.

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Governance structure GRI 2-9

We are convinced that only through effective and transparent corporate governance is it possible to create value, sustainable development, and business longevity, while meeting stakeholder expectations.

We accordingly align our strategies and processes with best governance practices and the public commitments we have undertaken. Our business decisions are guided by important sustainability values and initiatives, such as the 17 Sustainable Development Goals (SDGs) of the 2030 Agenda, which we strive to promote.

Sustainability on the leadership agenda¹ GRI 2-12, 2-14, 2-17

The role of Caramuru's highest governance body in the development and updating of our sustainability vision and practices involves overseeing the Integrity Program (*see more on page 37*) and other policies and guidelines. The Board of Directors actively participates in overseeing the processes of identifying and managing economic, environmental and social impacts, monitoring them bimonthly through the Audit Committee. Caramuru has a Sustainability Policy that disseminates sustainability values and practices, applicable to a wide range of stakeholders (*read more on page 14*). The Executive Board, in turn, is tasked with implementing and supervising this policy, providing guidance, consulting and periodic training on the company's sustainability programs.

To enhance expertise about sustainable development within the company's highest governance body, we adopt practices focused on transparency and value creation for society, ensuring business longevity. This involves compliance with laws and regulations and making public commitments, aligned with sustainability values, principles and the global agenda. With the support of the Board of Directors and multidisciplinary areas, the Executive Board plays a crucial role in the implementation and supervision of the Sustainability Policy.

¹ The Board of Directors and the Executive Board are responsible for analyzing and approving the information in the company's reports. This process involves the analysis of sustainability reports and internal controls, alongside feedback and the implementation of continuous improvements.

Caramuru also provides specialized support and consultancy to members and third parties involved in sustainability programs, and provides periodic training on our ESG-related programs at least once a year to disseminate knowledge and generate engagement around the topic.

Remuneration² GRI 2-19

In 2023, our remuneration practices included fixed compensation, aligned with the company's Salary Structure and the Job and Level Framework, plus variable compensation in the form of Profit Sharing (PLR). The Compensation Policy for senior leadership is linked to the management of economic impacts and was formally approved by the Board of Directors on May 03, 2021, and amended on March 08, 2022.

This policy aims to attract, reward, retain and incentivize executives for sustainable business conduct. With the support of the CEO and the Economic-Financial and Statutory Audit Committees, the Board of Directors is responsible for implementing, supervising and periodically reviewing the policy. Compensation includes a fixed monthly portion and, for the Executive Board, profit sharing, adjusted according to salary surveys to align with best market practices.

² Not applicable: attraction bonuses, recruitment incentive payments, severance and clawback of bonuses and incentives. Retirement benefits include private pension plans for employees with compensation starting at the INSS ceiling.



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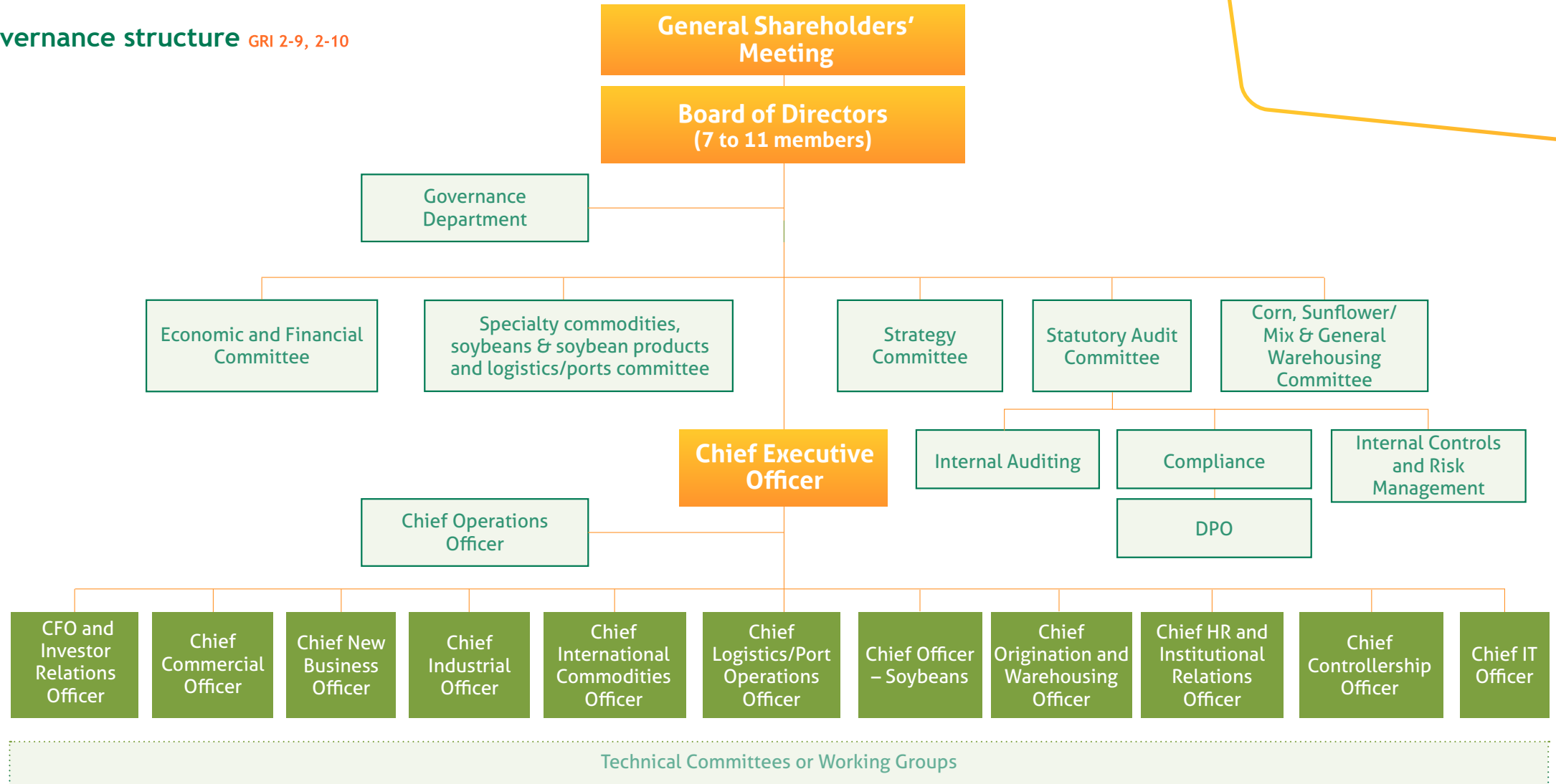
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Organizational chart¹

Governance structure GRI 2-9, 2-10



¹ In compliance with applicable legislation and in accordance with our Bylaws, the Oversight Council operates on a non-permanent basis, being convened only by resolution of the General Meeting or at the request of shareholders.

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Board of Directors¹ GRI 2-10, 2-11

The Board is responsible for strategically overseeing business and providing shareholders with the means to influence and monitor Caramuru's activities through independent auditors and establishing committees, with their respective charters and duties.

The Board is a joint decision-making body responsible for establishing general business policies and guidelines. It is also responsible for setting long-term strategy, overseeing our performance, and supervising our executives.

According to the Bylaws, the Board is composed of members with a reputable standing, consisting of a chairman, deputy chairman, and other directors without specific title. All members are natural persons, who may or may not be shareholders, and may reside in Brazil or abroad. They are elected at the General Meeting, where each shareholder can express their views on the nominee, for a renewable term of up to two years.

The Chairman of the Board has a casting vote. At least the greater of two or 20%² of the total members of the Board must be independent directors. The determination of their independence is made at the General Meeting in which

¹ None of the Board members have family, business or any other relationships with the company. There is no representation of underrepresented social groups or specific stakeholder groups within the body.

² When, as a result of complying with the relevant percentage, the calculation results in a fractional number of directors, the company rounds up to the next whole number.

they are elected. Additionally, where the company has a controlling shareholder, a director elected as permitted by Article 141 (4 and 5) of the Corporations Act is also considered independent.

Article 147 (3) of Brazilian Corporate Law states that members of the Board of Directors and committees must have an unblemished reputation and cannot be elected if they hold positions or have interests that may be considered

conflicting with the company's. They cannot exercise voting rights either if disqualifying factors arise after their election. The nominating and selection process considers criteria that include diversity—two women currently serve on our Board of Directors—skills and experience, with involvement from senior management and stakeholders through the General Shareholders' Meetings. The independence criteria established in the Bylaws are also observed, such as appointing two independent directors.

Board of Directors' members

Member	Position	Inducted
Gustavo Jorge Laboissière Loyola ¹	Chairman and independent member	04/18/2023
Márcio Nagao de Souza	Deputy chairs	04/18/2023
Célia Borges de Souza	Serving member	04/18/2023
Anderson Pelissari de Souza	Serving member	04/18/2023
Adriano José Pires Rodrigues	Independent member	04/18/2023
Alberto Borges de Souza	Serving member	04/18/2023
Camila Nagao de Souza	Serving member	04/18/2023
César Borges de Sousa	Serving member	04/18/2023
Maximilian Pelissari de Souza	Serving member	04/18/2023

¹ As an independent member and chairman of the Board of Directors, this director is required to certify that he has met the requisites for the position and that he is not implicated in any situation that would result in the loss of his independence as a director, in accordance with article 16, §1 of the Novo Mercado Listing Rules. He does not hold an executive position at Caramuru either.

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Executive Board

Officers are tasked with implementing the strategic planning defined by the Board of Directors and efficiently allocating resources around the company. At the operational level, decision-making in the Executive Board is shared, on a 1 + 2 basis, which streamlines the process.

Caramuru's Executive Board consists of 12 executives who are elected by the Board of Directors for two-year terms, with the possibility of re-election and removal. As per our Bylaws, the Executive Board may have a minimum of 4 and a maximum of 13 members. Officers are allowed to hold multiple positions, as long as the minimum number of members required by the Corporations Act, Subsection II - Election and Removal, is met. Currently, our Chief Financial and Investor Relations Officer is responsible for managing environmental and social matters.

Executive Board Composition¹ GRI 2-11

Member	Position	Inducted
Júlio César da Costa	CEO	05/12/2023
Marcus Erich Thieme	CFO & Investor Relations	05/12/2023
Fábio Vieira Vasconcelos Júnior	Chief Commercial Officer	05/12/2023
Walme Taveira Ferraz Filho	Chief Industrial Officer	05/12/2023
Wesley Sousa Rezende	Chief International Commodities Officer	05/12/2023
Sílvia Maria Andrade de Faria Nascimento	Chief Controllership Officer	05/12/2023
Renato Pereira de Souza	Chief Information Technology Officer	05/12/2023
Júlio César de Oliveira	Chief New Business Officer	05/12/2023
Antônio Ismael Ballan	Chief Logistics/Port Operations Officer	05/12/2023
Cleusdimar Rodrigues da Costa	Chief Officer – Soybeans	05/12/2023
Margareti Silvana Scarpelini	Chief HR and Institutional Relations Officer	05/12/2023
Célio Garcia de Oliveira	Chief Origination and Warehousing Officer	05/12/2023

¹ The positions of CEO (Chief Executive Officer) and Chief Investor Relations Officer are mandatory, while the others are optional.

Caramuru's Executive Board consists of 12 executives who are elected by the Board of Directors for two-year terms, with the possibility of re-election.



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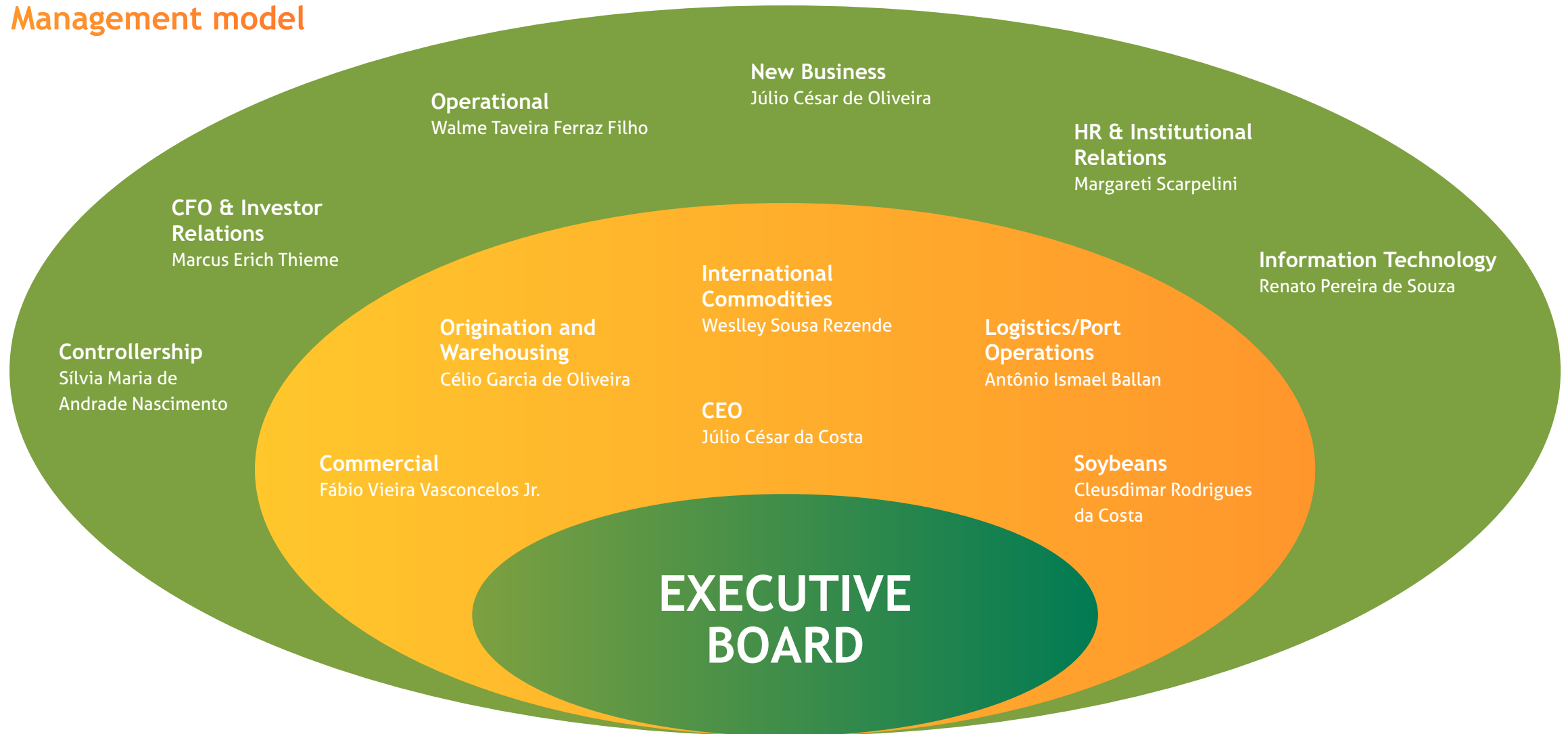
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Management model



At the operational level, decision-making in the Executive Board is shared, on a 1 + 2 basis, which streamlines the process.

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Strategic Advisory Committees^{1 2 3}

These committees provide decision-making support and strategic inputs to the Board of Directors and other governance bodies. They are governed by their own charters and are subordinate to the Board of Directors.

We currently has five strategic committees: Strategy; Economic-Financial; Audit; Specialty Commodities Products, Soy and Derivatives, and Logistics/Port; Corn, Sunflower/Mix, and General Warehouses.

¹ The Board of Directors may establish other committees or working groups to assist in its activities, defining the scope, composition, and operation of each committee.

² Committee recommendations are made on an advisory basis and are not binding upon the Board. The scope of advisory committees' activity extends to affiliates and subsidiaries, as provided in the Bylaws and in compliance with applicable legislation. The participation of members on the Board of Directors, Executive Board or employees on any committees. The Company may offer variable remuneration to members of the Board of Directors and Committees as an additional form of performance-related compensation.

³ The Board of Directors is responsible for drafting the charters of each advisory committee. The duties and responsibilities applicable to Board of Directors and Executive Board members, as provided in Article 160 of the Corporations Act, also apply to committee members.

Statutory Audit Committee

Members

Cassiana Pelissari de Souza Rodrigues - Coordinator

César Borges de Sousa

Gustavo Jorge Laboissière Loyola

Economic and Financial Committee

Members

César Borges de Sousa - Coordinator

Alberto Borges de Souza

Cassiana Pelissari de Souza Rodrigues

Gustavo Jorge Laboissière Loyola

Júlio César da Costa

Strategy Committee¹ (Statutory)

Members

Alberto Borges de Souza - Coordinator

Cassiana Pelissari de Souza Rodrigues

Gustavo Jorge Laboissière Loyola

¹ The Strategy Committee is responsible for bringing ESG-related matters to the attention of the Board.

Corn, Sunflower/Mix & General Warehousing Committee

Members

Anderson Pelissari de Souza - Coordinator

Márcio Nagao de Souza

Fábio Vieira Vasconcelos Jr.

Célio Garcia de Oliveira

Maximilian Pelissari de Souza

Specialty Commodities, Soybeans & Soybean Products and Logistics/Ports Committee

Members

Márcio Nagao de Souza - Coordinator

Anderson Pelissari de Souza

Cleusdimar Rodrigues da Costa

Antônio Ismael Ballan

Wesley Sousa Rezende

Maximilian Pelissari de Souza



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Ownership structure

33.3%

Nagatsuzuki Participações Ltda.

11.4%

Calixbento Participações Ltda.

5.2%

Holding Star Participações Ltda.

25.6%

JBPS Participações Ltda.

24.5%

Others

CARAMURU ALIMENTOS S.A.

49%

Terminal São Simão S.A.

100%

Intergrain Company Ltda.

50%

Terminal XXXIX de Santos S.A.

23.72%

Cebragel Armazéns Cerrado do Brasil Ltda.

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Risk Management GRI 2-13, 2-25

Risk management is embedded in the decision-making process and helps strengthen our governance structure, elevate transparency levels and protect the business's reputation to achieve our strategic objectives.

Risk Management is tasked with supporting managers in their decisions and embedding actions and procedures into the business areas' routine by encouraging best practices, according to international benchmark standards (ISO 31000, COSO ERM).

To manage potential threats, we created an Integrated Risk Management Policy, which covers the stages of risk identification, measurement, assessment, response, and monitoring. Risk management is closely interlinked with Compliance activities, Internal Controls, and Internal Audit.

The risk assessment includes risk mapping (dictionary) and their factors and controls and is developed and reviewed by senior management. The risk assessment takes various factors into account, including the company's context as described in the strategic plan, as well as the needs and expectations of stakeholders. The risk appetite is defined after identifying the risks, which is the maximum acceptable exposure to risk.

This practice also has a work front called walkthrough, which consists of identifying and classifying risk factors and controls by process, based on the mapping of our processes and the prioritization order of the business impact analysis (BIA). Risk factors are classified according to impact and probability criteria, generating the Risk Map, with categories "Very High," "High," "Moderate," "Low," and "Very Low". If a risk is classified with a score different to the appetite, actions must be taken to reduce its exposure level to match the appetite.

Alongside our Risk Management Policy, we also have a Business Continuity Policy in place, with essential guidelines for managing extreme risks. This document enables the company to formulate responses to potential emergencies and to guide the recovery and resumption of critical processes. This front has the following goals:

- Minimize the critical decisions that need to be made in the event of an emergency
- Minimize impact on the public and safeguard our reputation
- Prioritize recovery efforts for critical processes
- Efficiently organize efforts and key personnel at backup sites to resume critical business processes within the target recovery time
- Maintain communication with customers, employees, suppliers, health authorities, government officials, police, firefighters, and other agencies
- Formalize the process to communicate emergency response decisions to customers and direct them or employees to backup sites for business recovery, if necessary.



Caramuru Waterway Terminal in São Simão



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Internal Auditing

We also have an Internal Audit Policy that applies to all operations. This Policy outlines the role of the Internal Audit in supporting executives and the Statutory Audit Committee in enhancing the control environment, complying with business rules, and strengthening corporate governance.

Internal Audit tasks include providing independent and objective assurance and advisory within a risk-based approach. The purpose of the Internal Audit is to demonstrate whether a department's activities are in compliance with applicable plans, principles, regulations, stakeholder expectations, and other guidelines and managers' responsibilities.

Audit findings are aligned with the process owners, and detailed reports are prepared. These reports are presented at the Supervisory and Management levels and subsequently compiled into an executive summary submitted to executive meetings and then the Executive Board. These documents are shared with the audited area to discuss action plans aimed at addressing and resolving any identified issues. The final versions of the reports are signed by the Internal Audit supervisors, the signing auditor, and the managers of the audited departments. **GRI 2-16**

Action plans are formalized by the audited department using a management tool under the oversight of Internal Audit, within the timeline required by policy. These plans describe how the recommendations will be implemented, including deadlines and the teams responsible. The Internal Audit also plays a role in monitoring implementation of action plans approved by the executive levels.

Status meetings are held with the Executive Board every two months to present the overall work schedule, the findings from individual reviews, and the implementation status of recommendations, among other relevant matters. The Internal Audit reports to the Statutory Audit Committee through executive summaries describing the audit procedures, the status of action plans, and the audit engagement proper. These reports are presented to the committee every two months, along with the Compliance, Risk Management, and Internal Controls functions.

Audit findings are discussed with the process owners, and detailed reports are prepared. These reports are presented at the supervisory and management levels and subsequently compiled into an executive summary submitted to the Executive Board.

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Ethics, integrity and compliance

GRI 2-23, 2-24, 2-26, 3-3. Management of material topic

We believe that achieving good results ethically and transparently is the only way to build a secure pathway to business perpetuity. We steer our relationship with our employees and stakeholders in this direction through principles and internal procedures aimed at preventing and combating corruption, including the Code of Ethics and Conduct, systematized in our Integrity Program. All team members, including employees, key personnel, board members, and shareholders, receive training in Program. In 2023, 100% of employees were informed about these policies, and 98.33% underwent training on corruption prevention policies and procedures.

The responsible business conduct principles and guidelines are established in our Code of Ethics and Conduct and apply to everyone within the company, stakeholders included. All employees and members of governance bodies are familiarized with the Code and receive training, monitoring on compliance, and targeted communications.

The Code of Ethics and Conduct and the policies within our Integrity Program are reviewed and validated annually by the Executive Board and the Statutory Audit Committee, to then be approved by the Board of Directors.

The Compliance department supports other departments to develop or update internal policies, ensuring that they incorporate integrity requirements consistent with applicable laws and best practices.

Indicators related to anti-corruption training and coaching are available in the [Appendix](#).



Anticorruption culture

To bolster an organizational culture where employees and third parties actively embrace ethical behavior, our senior management provides tone from the top around our Integrity Program and maintaining integrity in dealings with government. In 2023, Caramuru assessed all 64 operations for corruption-related risks.¹ **GRI 205-1**

We also have other policies that standardize expected conduct and guidelines (see [here](#)), including our Anti-Corruption, Money Laundering, Antitrust, and Bribery Policy; Compliance Policy; Donations, Sponsorship, Gifts, and Entertainment Policy; Supplier Policy; and Relations with Government Policy.

¹ These assessments were conducted through a variety of methods, including third-party assessments, analysis of policies and procedures, training and awareness programs, communication and whistleblowing channels, continuous review, evaluation and monitoring. The number includes the company's industrial and storage units. No specific corruption-related risks were identified during this process.



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Ethics Hotline

We have an Ethics Hotline that is accessible to all stakeholders, both internal and external, to report any potential violations of our Code of Ethics and Business Conduct, policies and applicable laws. The Hotline is managed by an independent firm, KPMG Assessores Ltda., and operates 24/7.

The reports received are classified into categories and subcategories and are assigned a protocol number for the whistleblower to track until completion. Whistleblowers can elect to remain anonymous, and the process is handled in confidence from start to finish.

If a report is found to be substantiated, we assess the need for process improvements, management adjustments, and regulations, and establish action plans for the relevant departments and leadership. We provide monthly reports on whistleblowing cases received to the Executive Board,

Ethics Hotline contacts - Whistleblowing channel

E-mail
caramuru@linhaetica.com.br

Website
linhaetica.com.br/etica/caramuru

Telephone no.
0800.713.0071

Mailbox
79518, CEP 04711-904, São Paulo (SP)

two-monthly reports to other leadership positions, and reports to the Statutory Audit Committee. The following disciplinary measures may be applied to substantiated cases: oral and written warnings, suspension of up to 30 consecutive days, and termination of employment. In 2023, a total of 105 complaints were lodged: 100 were investigated and concluded and 5 are still under investigation.

Conflicts of Interest GRI 2-15

All Caramuru members—including employees, statutory and non-statutory executive officers, members of the Board of Directors, committees, and the Oversight Board—as well as representatives, shareholders, or any other individuals or legal entities acting for or on behalf of Caramuru, are required to sign statement in which they agree to report any current or future situations that could give rise to conflicts of interest.

Any conflicts of interest arising in decision-making processes or approvals must be addressed in accordance with our Related-party Transactions Policy and Conflict of Interest Management Policy. In such cases, those involved abstain from voting. These occurrences are disclosed to stakeholders, including conflicts of interest involving related parties, their relationships, transactions, and outstanding balances.

Tax Compliance

GRI 3-3. Management of material topics: Government and regulator relations, 207-1

Our guideline is to comply with the legislation applicable to our business to prevent or mitigate potential negative impacts. We have accordingly strengthened our internal

controls by implementing process automation and deploying technological solutions for enhanced tax compliance. We also benefit from first-rate tax and legal support and advisory services. The Internal Audit also provides constant oversight and independent audit reviews are performed to ensure compliance to tax regulations.

Composed of members from the Executive Board and technical staff, the Tax Compliance Committee is responsible for the monthly monitoring of compliance indicators for filing and ancillary tax obligations. These include tax audits, cross-checking tax filing obligations, and ensuring accurate accounting of exports and imports. Action plans are developed to address, mitigate or correct any non-compliances identified. The Controllershship Department, jointly with the Committee and the Executive Board, reviews and approves the company's tax strategy.

Regarding tax policy, including changes in regulations that affect the company's business, we act through associations, shepherded by the company's compliance policies and guidelines, proactively and preventively charting paths in line with Caramuru's interests. We strive to ensure compliance with applicable legislation and to meet both tax payment and tax accounting obligations. The Executive Board and members of the Tax Compliance Committee monitor the effectiveness of the measures monthly. The Board of Directors is the most senior body responsible for analyzing and approving the tax strategy, without a stipulated frequency for this analysis. For more information on the subject, see our Code of Ethics and Conduct ([available here](#)).



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Protecting information

GRI 3-3 Privacy and data security, 418-1, FB-FR-230a.2

We take responsibility for upholding the confidentiality of all our stakeholders' personal information. We have established guidelines in our Code of Ethics and Conduct and other related processes to ensure compliance with the Brazilian General Data Protection Regulation (BR GDPR) – Law No. 13.709/2018.

We have an exclusive channel on our *website* ([see here](#)) for data subjects to submit their requests, exercise their rights and submit any queries about how Caramuru handles their personal data. They can contact our Data Protection Officer via email privacidade@caramuru.com or in person at the Compliance Department in Itumbiara (GO). Our employees receive training on documents and best practices regarding privacy. In 2023, no complaints were recorded related to violations of personal data rights.

An outsourced cybersecurity operations center also continuously and uninterruptedly performs services for detecting, responding to, remediating, and searching for cybersecurity threats and incidents.

To mitigate potential negative impacts, we have also implemented important security measures to protect data, such as keeping the network segregated to prevent voluntary or inadvertent user access, using anti-malware software on workstations and servers, employing intrusion detection and prevention systems to monitor all traffic in the confidential data environment and alert teams of any suspicious behavior, and conducting regular vulnerability assessments and penetration tests to identify any network vulnerabilities.

We set up a Cyber Incident Response Plan to respond to data security and privacy threats, divided into the following steps: identification, analysis, containment, eradication, recovery, and post-incident. This procedure also outlines steps for recovery or repair, which are carried out in accordance with our Backup Policy. This policy applies to the corporate servers located at our Itumbiara (GO) headquarters and remote equipment hosting critical content.

We reassess the entire response process in the post-incident phase, aiming to manage real and potential impacts. This includes preparing a detailed report on the incident, recording lessons learned, updating the incident response management process, defining strategies and action plans, and reporting the outcomes and actions taken to stakeholders. To monitor the effectiveness of these measures, monthly reports track indicators measuring the performance of contracted security services and responses to identified incidents.

We currently have several ongoing projects to further improve in this area, including implementation of an SOC¹ dedicated to administering training and information security training and awareness programs, identity and access privileges management, computer software upgrades, and a mobile device management system.

¹ Security Operations Center.

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Sustainable Sourcing

GRI 3-3: Supply chain management, 13.23.4

Sustainable development of the value chain is built into our strategy. We work with qualified suppliers committed to responsible practices. We created the Sustentar Program to help engage these business partners and to instill sustainability concepts throughout the production chain. In 2021, we also implemented our Supplier Policy, which includes due diligence processes.

Sustainability

We put our commitment to the environment into practice. We apply sustainability concepts throughout the production chain under our Sustentar Program. We harnessed our expertise to develop the program's methodology, with robust concepts guided by our values, through which we conduct a socio-environmental and economic diagnosis of our raw material suppliers' activities. We ensure that all products marketed by the company derive from sustainable and traceable sources. This analysis is used to identify non-compliances and provide training and guidance on the property management improvements to meet the indicators.



In 2023, we tasked Proforest, one of the world's leading associations supporting responsible agricultural commodity production, with benchmarking the Sustentar Standard against the Trade for Sustainable Development (T4SD) guidelines issued by the European Feed Manufacturers' Federation (FEFAC) and the International Trade Centre (ITC).

One of the recommendations implemented following Proforest's evaluation in 2022, the Sustentar Label ensures the traceability of 100% of our supplier base and assesses 36 core indicators in all raw material acquisitions. The acquisition does not go ahead in the case of non-compliance.

The Sustentar Standard is directly connected to the following Sustainable Development Goals (SDGs)





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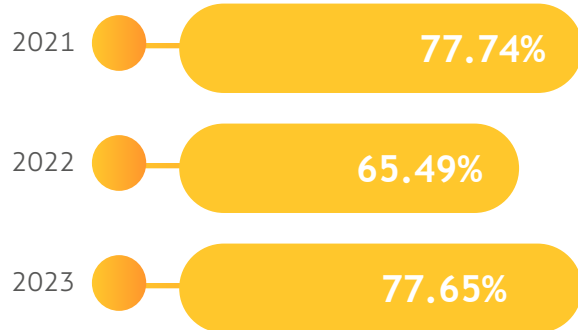
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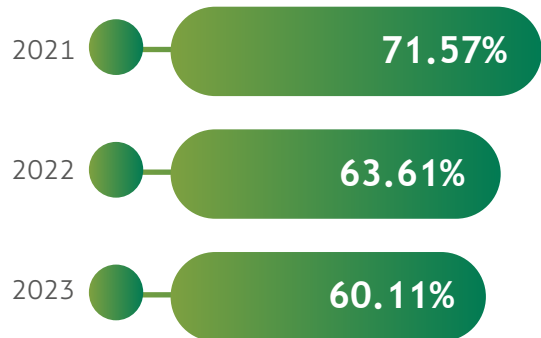
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Sustentar Certification Results

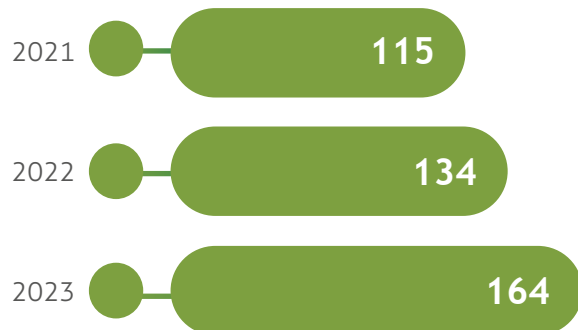
Social



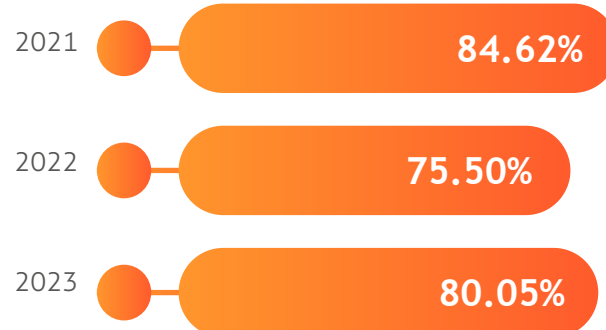
Environmental



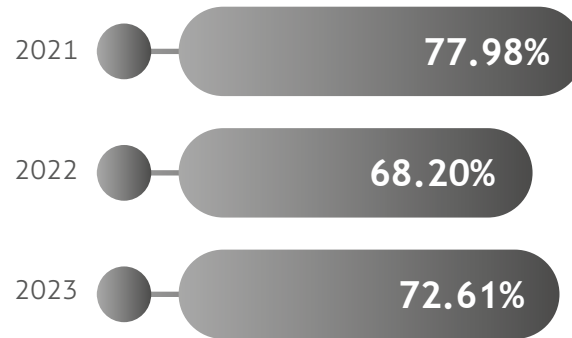
Indicators



Economic



Average Conformity



The Sustentar program currently embraces 13.61% of our 5,224 suppliers, covering approximately 395,000 hectares, with the goal of reaching 85% compliance and 20% participation by 2025.

The target for Sustentar Certification in 2023 was to audit at least 13% of the supplier base. We exceeded this target at 13.6%, which corresponds to 711 partners.





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Due diligence in supplier management FB-AG-430a.3

All our procurement and supplier contracts, in all our operations, include clauses on human rights, prohibiting the exploitation of child labor, degrading work conditions or forced labor, as well as requirements on labor relations, social security, and anti-corruption matters.

We screen and monitor our suppliers using a digital compliance platform which evaluates each new order. We also regularly conduct site visits. We do not source raw materials from suppliers engaged in child labor or forced labor.

In partnership with Agrottools, in 2018 we launched a program to develop a database of suppliers and farmland on the Terramatrix platform. This supports social and environmental assessments of 100% of our operations, in line with the Sustentar Program and the Caramuru Sustainability Policy, with the ultimate goal of preventing and mitigating negative impacts.



Ipameri Complex (GO)

Socio-environmental assessment

GRI 308-1, 308-2, 414-1, 414-2

Our compliance team screens all the company's suppliers against compliance criteria, including environmental and social requirements, especially raw material and input suppliers. This encompasses supply chain traceability, environmental performance history and legal compliance.

In 2023, we welcomed 10,975 new suppliers, of which 10,929 (99.58%) were selected using social and environmental criteria. There are two compliance approval stages in the due diligence processes. Of the 10,929 suppliers approved, 5,224 are raw material suppliers

(soybeans, corn and sunflower). We had 70 farmers who were subject to socio-environmental compliance due diligence and did not pass on account of not complying with Caramuru's Sustainability Policy.

No supplier was identified as causing negative social impacts in the year¹. However, we mapped 221 suppliers that do generate negative environmental impacts.² To address this situation, we adopted measures such as training, education and the sharing of good agricultural practices, along with evaluation and monitoring through third-party management tools like Agrottools for raw materials and KPMG Watch for compliance approval.

¹ This assessment considers occurrences such as poor working conditions, forced labor, child labor, discrimination and harassment, environmental degradation, corruption, social inequality, unfair wages, forced displacement and health and safety negligence.

² The main negative impacts identified include deforestation, potential impacts on biodiversity, pollution, water withdrawal in water-stressed areas, consumption of non-renewable energy sources, improper waste generation and disposal, and greenhouse gas (GHG) emissions.



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What we do

Our business is organized into five strategic pillars: Origination, Integrated Logistics, Value-added Commodities, Biofuel and Consumer products.





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What we do GRI 2-6

Caramuru is the right place at the right time. We are a competitive force in Brazilian agriculture. We are seventh-largest soybean processor, the second-largest corn processor, and the sixth-largest biodiesel producer in the country. We have made a name for ourselves in business by adopting an organic and sustainable growth strategy that sets us apart in the market due to our unrivaled capacity to add value to products and our unique position in grain processing.

We operate through efficient management that includes planning and the engagement of leadership and employees. We have structured commitments for the sustainable management of our operations, addressing socio-environmental issues to ensure business longevity.

We adopted an organic and sustainable growth strategy that sets us apart in the market due to our unrivaled capacity to add value to products and our unique position.

Our business model is structured around five strategic pillars

 1 Sourcing

 2 Integrated logistics

 3 Value-added commodities

 4 Biofuels

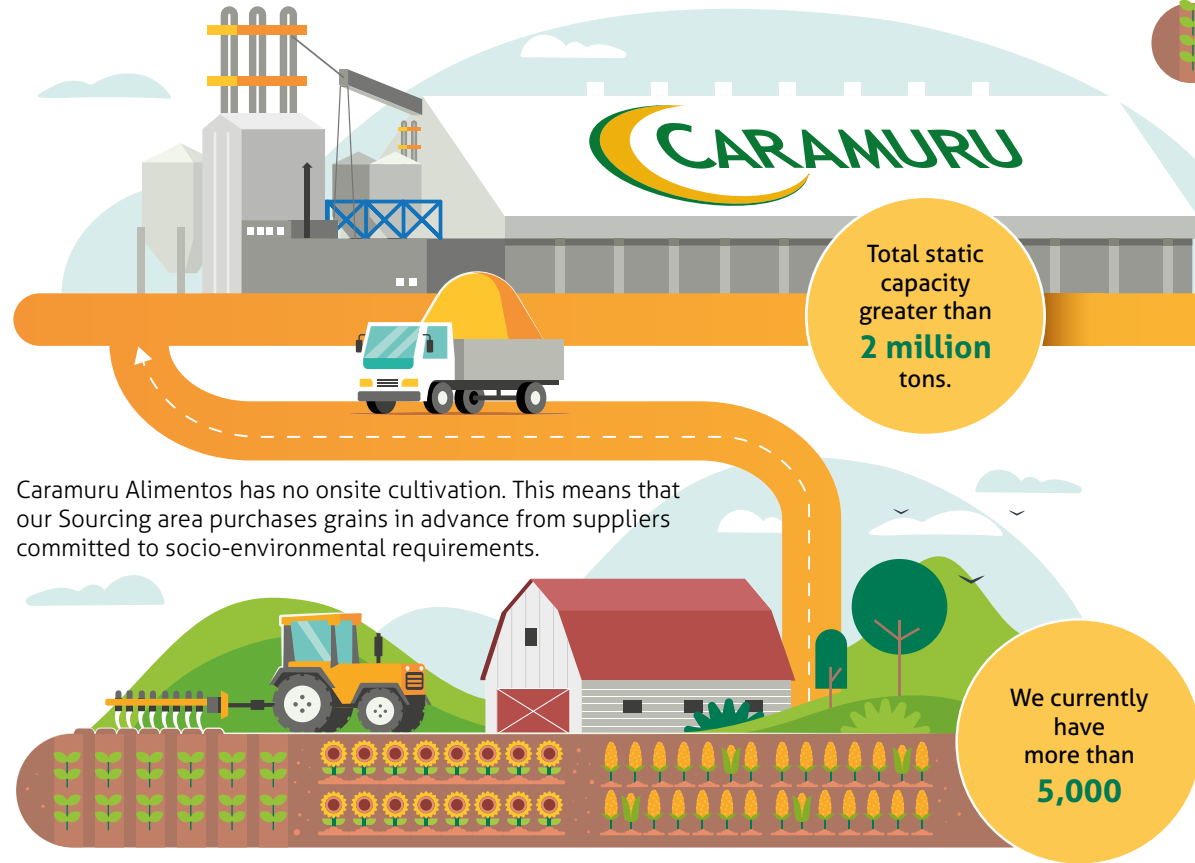
 5 Consumer products

Lecithin production.

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Sourcing

Caramuru has a network of 59 warehouses for storing soybeans, corn, and sunflower, located next door to rural producers, ensuring high daily intake levels. The strong value delivered by this area is attributed to the storage network, credibility, relationships, and attention to market information.



Caramuru Alimentos has no onsite cultivation. This means that our Sourcing area purchases grains in advance from suppliers committed to socio-environmental requirements.

We currently have more than 5,000



The company fosters the research and development of non-genetically modified (NGMO) soybean cultivars to ensure supply to rural producers.



For biodiesel production, the company relies on the Family Farming Program, which fosters the social inclusion of over 1,100 families (more than 280 of whom farm in agrarian reform settlements).

Our commitments

- Deforestation **zero**
- 100%** monitoring
- Zero tolerance for nonconformities

SDGs connected with Sustentar

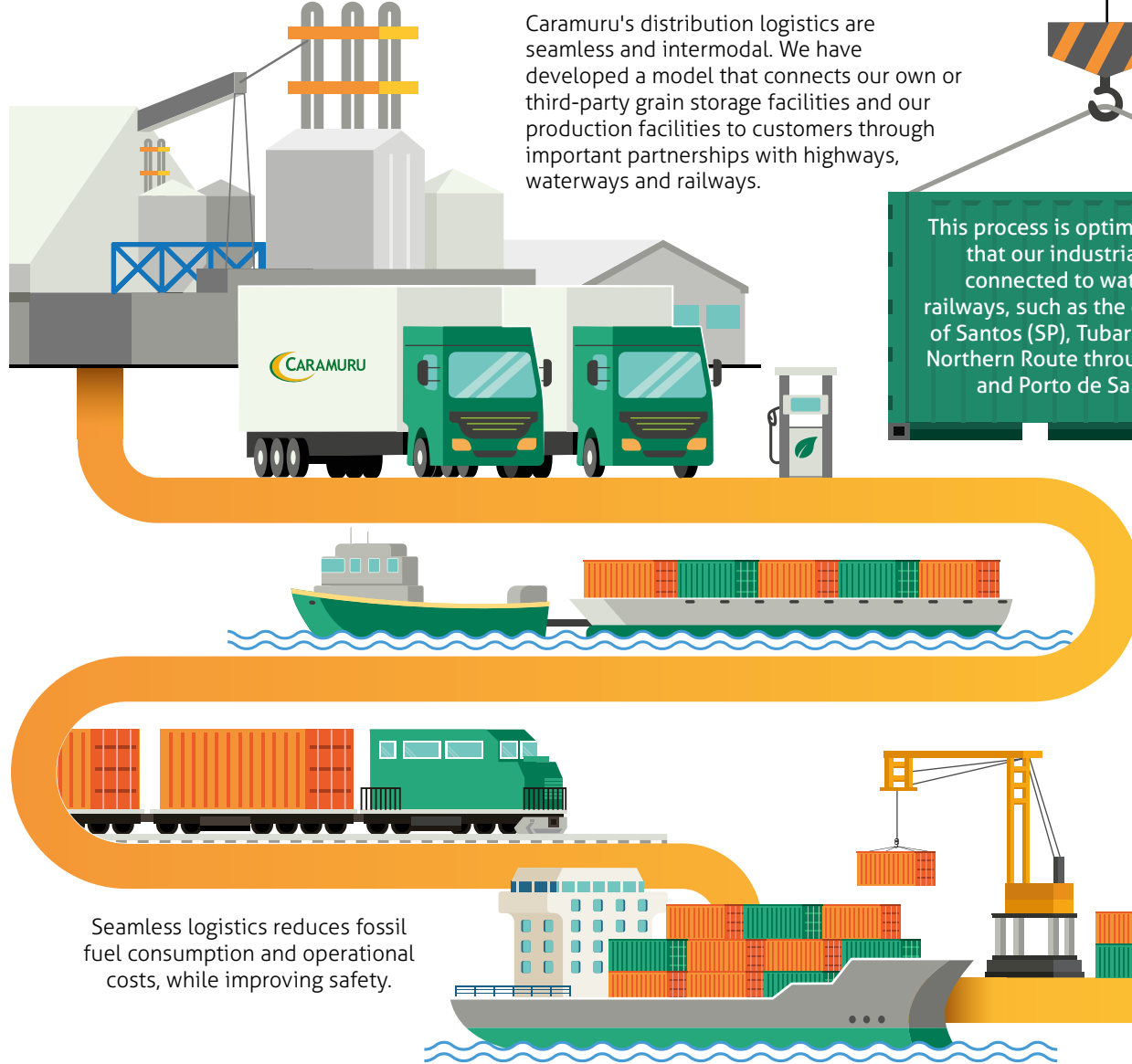
1 ERRADICAÇÃO DA POBREZA	2 FOME ZERO E AGRICULTURA SUSTENTÁVEL	3 SAÚDE E BEM-ESTAR
6 ÁGUA POTÁVEL E SANEAMENTO	7 ENERGIA LIMPA E ACESSÍVEL	8 TRABALHO DECENTE E CRESCIMENTO ECONÔMICO
9 INDÚSTRIA, INOVAÇÃO E INFRAESTRUTURA	11 CIDADES E COMUNIDADES SUSTENTÁVEIS	12 CONSUMO E PRODUÇÃO RESPONSÁVEIS
13 AÇÃO CONTRA A MUDANÇA GLOBAL DO CLIMA	15 VIDA TERRESTRE	17 PARCERIAS E MEIOS DE IMPLEMENTAÇÃO

Sustentar Program **711** connected growers **Approximately 395,000** hectares **100%** of sourced commodities monitored against social

We track all acquired raw materials and verify their source according to best global practices, ensuring sustainability at every stage of the production chain.

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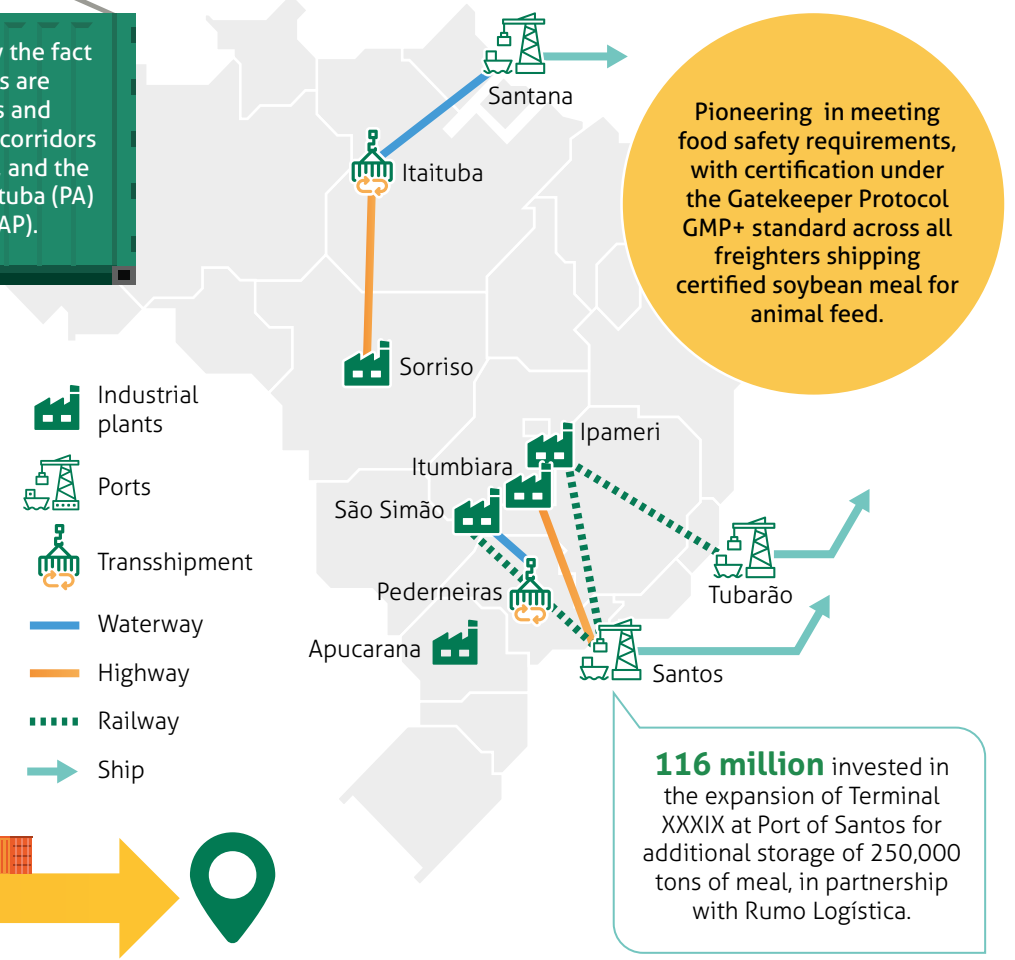
Integrated logistics



Road-rail, road-waterway, and waterway-railway terminals are connected to the ports of Santos (SP), Tubarão (ES), and Santana (AP).



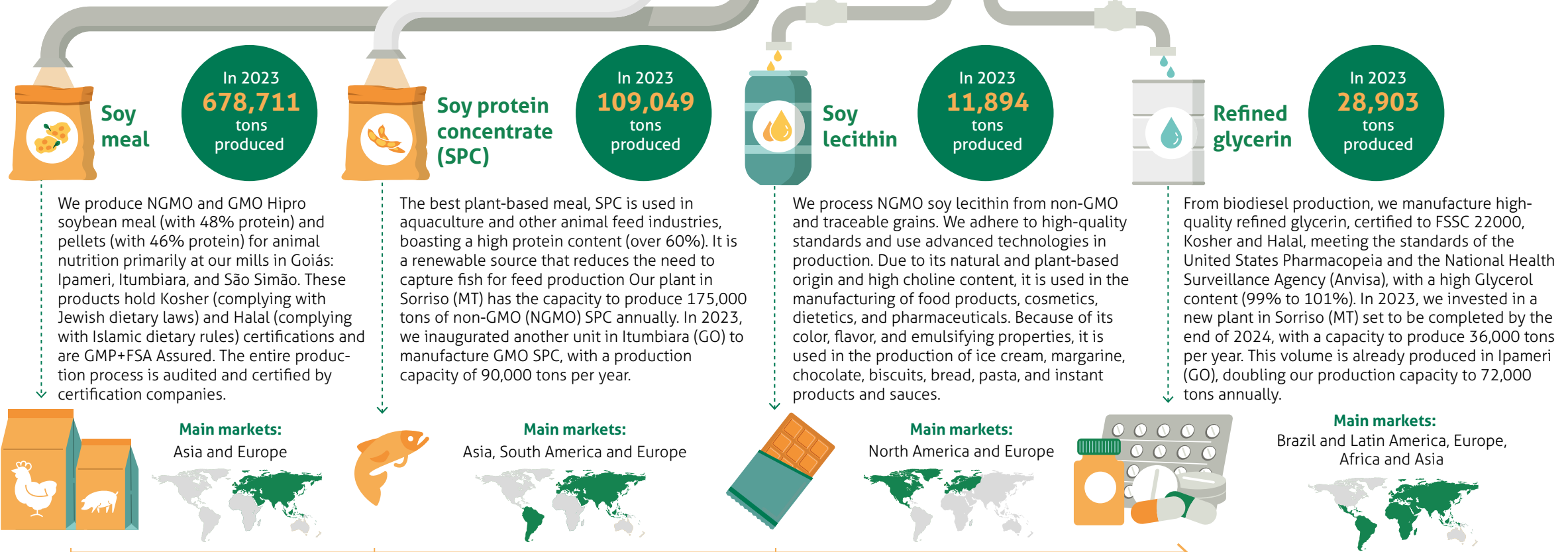
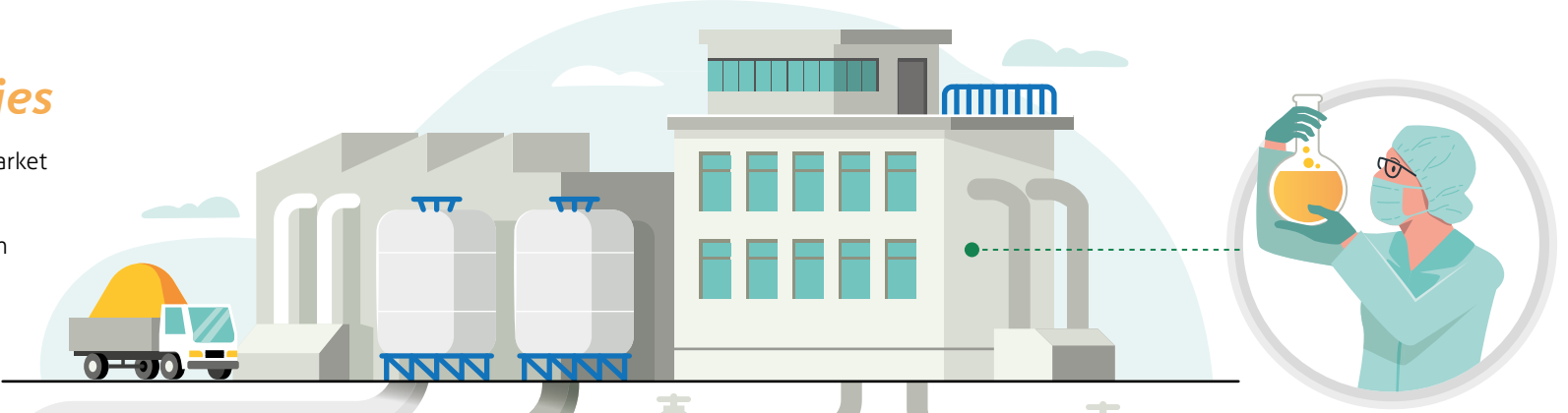
Industrial plants have road and rail access to the Ports of Santos (SP) and Tubarão (ES), enabling multimodal transport.



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Value-added commodities

We manufacture soybean products with added market value due to technology and sustainability. For example, with conventional, non-GMO soybeans, we produce niche market products such as soy protein concentrate (SPC), an important significant input for aquaculture.



Value-added level

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Biofuels



Family Farming

For the past 17 years, we have supported family farming through the National Biodiesel Production Program (PNPB), and our production plants hold the Social Biofuel Mark awarded by the Ministry of Agriculture and Livestock (MAPA). Through our team of agronomists, we provide training and free technical assistance to over 1,000 growers.

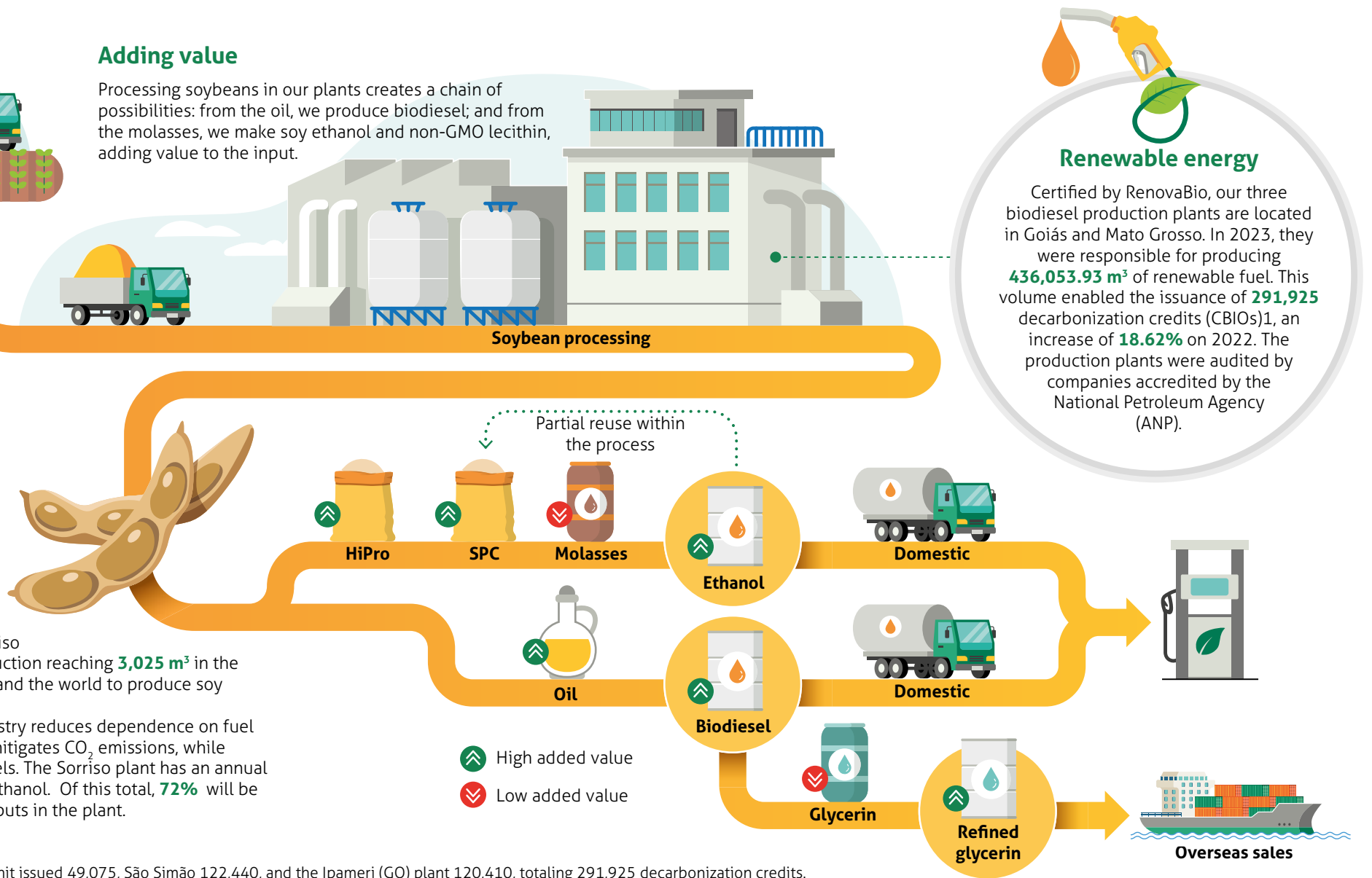
Pioneering: soy ethanol

In 2023, Caramuru began marketing hydrous soy ethanol produced at the Sorriso (MT) industrial complex, with a total production reaching **3,025 m³** in the year. The plant is one of the first in Brazil and the world to produce soy ethanol on a commercial scale.

The production of soy ethanol in the industry reduces dependence on fuel generated from other raw materials and mitigates CO₂ emissions, while increasing the supply of non-polluting fuels. The Sorriso plant has an annual capacity of **9.5 million** liters of hydrous ethanol. Of this total, **72%** will be sold in Brazil and **28%** will be used as inputs in the plant.

Adding value

Processing soybeans in our plants creates a chain of possibilities: from the oil, we produce biodiesel; and from the molasses, we make soy ethanol and non-GMO lecithin, adding value to the input.



¹ Regarding the number of CBIOS, the Sorriso unit issued 49,075, São Simão 122,440, and the Ipameri (GO) plant 120,410, totaling 291,925 decarbonization credits.

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Consumer products

Customer satisfaction

★★★★★ **95.3%**

is our satisfaction rate in the consumer products segment.

The 2023/2024 survey results demonstrate our journey of progress and improvements in this area – in 2021, the rate was 91.8%.

Sinhá

Sinhá, the fastest-growing brand in Brazil for specialty oils¹

Among the 150 options offered by the brand, corn-derived products, such as coarse and regular cornmeal, hold a special place in consumers' hearts.

Sinhá also offers a line of healthier products (rolled oats), 100% cocoa, and creamy chili and garlic sauces, in partnership with a small local company. In 2023, Sinhá also expanded its snack portfolio with corn options.

More than **40 years** on Brazilian dinner tables

3rd best-selling brand in specialty oils¹

Among the **150** options offered by the brand, corn-derived products, such as coarse and regular cornmeal, hold a special place in consumers' hearts.

75,000+ points of sale throughout Brazil

Exports to several countries

Partnership with Instituto Arara Azul

In 2023, we established a partnership between Sinhá and Instituto Arara Azul, a non-governmental organization that fosters environmental conservation through significant projects in the Pantanal and Cerrado biomes, in the states of Mato Grosso do Sul and Mato Grosso. We invested around R\$ 80 thousand to support the Institute, which, in addition to bird monitoring activities, runs community-focused initiatives such as lectures to raise awareness about the importance of biodiversity and workshops to spur entrepreneurs hip.



Animal segment

We supply animal feed ingredients suited for the nutritional needs of a wide range of animal categories, including cattle, poultry, pigs, fish, dogs, and cats. For a high-energy diet, we offer products such as defatted corn germ meal and Hi-Brix liquid soy molasses. To guarantee the best development in all stages of an animal's life cycle (reproduction, gestation, lactation and production)—we provide soybean meal, Sustain soy protein concentrate, and sunflower meal as source of protein. For a fiber-rich diet, we offer Hi-Fiber soybean hulls, which aid in digestive health and promote livestock health and well-being.



Industrial segment

To serve the food, beverage, and mining industries, we have a wide range of inputs under the Caramuru brands: Nekmil, Flocomil, Fecomil, Cermil, Colormil, FlotaMil and Lécet. Technical production control and end-to-end traceability at every stage of the industrial process ensure we meet the requirements of Good Manufacturing Practices (GMP) and Hazard Analysis and Critical Control Points (HACCP) standards.

¹ According to 2023 data from the Horus Retail Metrics tool, which also identifies Sinhá as the third best-selling brand in specialty oils in Brazil, and the market leader in Amapá, Maranhão, Piauí, and Tocantins.



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People and relationships

In 2023 we had a workforce of 2,431 employees, including 1,942 men and 489 women.

Itumbiara Complex (GO)



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Team members

GRI 2-30, 3-3. Management of material topics

People are our greatest asset and come first. This belief reinforces our vision of being an organization recognized for providing a workplace that stimulates creativity, innovation and employee development. We believe that motivation to perform well must be supported by a culture that values the growth and well-being of individuals.

Our strategic planning primarily seeks to foster the continuous development of our employees' skills. One of our key initiatives in planning is to therefore train, qualify and retain people to support the growth of our activities. We provide employees with education grants for undergraduate, language, and technical courses related to their roles.

We also engaged a consultancy firm to help establish better development criteria for leadership, who play a central role in business performance and team engagement. Over the course of the year, we conducted a survey on points to be addressed in leadership training and development, resulting in learning pathways to be implemented in 2024.

We ended 2023 with a workforce of 2,431 employees, including 1,942 men and 489 women. We offer a variety of benefits at all our operational units, including for temporary employees: life insurance, health plan, dental plan, maternity and paternity leave, and private pension plan. **GRI 401-2**



Workforce by region and gender¹ GRI 2-7

Region	2022			2023		
	Men	Women	Total	Men	Women	Total
N	9	3	12	10	4	14
CO	1,672	422	2,094	1,799	465	2,264
SE	10	6	16	11	5	16
S	121	17	138	122	15	137
Total	1,812	448	2,260	1,942	489	2,431

¹ All employees work full time. We have no non-guaranteed hours employees. The data reported was compiled from our payroll system. There were no significant changes in the number of employees between the reporting periods.

Employees by employment contract and gender GRI 2-7

Contract type	2021			2022			2023		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Indefinite term	1,777	447	2,224	1,811	446	2,257	1,931	475	2,406
Definite term	44	67	111	1	2	3	11	14	25
Total	1,821	514	2,335	1,812	448	2,260	1,942	489	2,431

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Total workforce by employment contract and region GRI 2-7						
Region	2022			2023		
	Indefinite term	Definite term	Total	Indefinite term	Definite term	Total
N	12	0	12	14	0	14
CO	2,091	3	2,094	2,239	25	2,264
SE	16	0	16	16	0	16
S	138	0	138	137	0	137
Total	2,257	3	2260	2,406	25	2,431

Workforce by employee category ¹ GRI 2-8		
	2022	2023
	Total	Total
Statutory Executive Board	12	12
Board	7	9
Interns	13	23
Apprentices	110	125
Total	142	169

¹ The data on workers in the report are obtained using a specific methodology of the organization, which counts active workers up to the baseline date of 12/31/2023. For apprentices and interns, the methodology includes those performing activities in the company according to the terms of their employment contracts, established with educational institutions and in compliance with the applicable legislation for each type of position. Statutory Officers and Board members are considered workers due to the contracting model.

Virtual training

We expanded the reach of the courses offered to our employees through the Caramuru Aprende platform. Launched in 2020, we use the tool to deliver online courses and training for employees in various roles and units with standardized content and language. We offer numerous courses and training sessions to our internal staff, including compliance, food quality, and regulatory standards. In 2023, 2,825 employees¹ participated in online courses and training sessions, totaling 40,048.25 hours of training.

¹ The number includes employees who were terminated in 2023.

Talent management

We work tirelessly to retain and attract people who will help us fulfill our purpose, both now and in the future. We believe this process is facilitated when professionals identify with our values, culture, ethics and the company's healthy and positive atmosphere. In recent years, we have gained greater visibility in the marketplace and attracted the interest of numerous professionals through our active presence on LinkedIn and our investor relations page.

In talent management, developing people is a priority, and we are committed to training and educating our employees to enhance their professional growth opportunities. Notable benefits and incentives include the profit-sharing program and promotions, as a way to recognize employees' good performance.

We have a Compensation and Benefits Committee too, that evaluates role and department changes to optimize talent utilization and recognition. The turnover rate in the previous reporting period was 29.45%. This percentage does not include seasonal workers hired for the soybean and corn harvest seasons. In 2023 we hired 803 new employees.

More indicators on people management are available in the [Appendix](#).

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Climate and Organizational Culture

Every two years, we conduct an organizational climate survey on all employees, allowing them to anonymously share their opinions on various topics strategic to the company. The next survey will take place in the first half of 2024.

Diversity and inclusion

We are continuously improving our actions to ensure that our workforce, programs, and practices promote inclusion and belonging. Even without an established policy on diversity and inclusion, we made significant progress in 2023 in our discussions with leadership on the topic. We also maintain pay equity between men and women, regardless of job category.

We reinforce our commitment to not tolerate any form of discrimination in the workplace. Our Code of Ethics and Business Conduct, along with our Integrity Program, provide guidance to our employees and other stakeholders in this regard. Any concerns should be reported via our Whistleblowing Hotline, which allows whistleblowers to submit reports anonymously and without reprisal.

Performance reviews

We have an Integrated Performance Review Program (PADI) to analyze employee skills and development. Based on the annual review findings, an individual development plan (IDP) is crafted to enhance each professional's knowledge, skills, and behaviors. In 2023, 66.52% of employees underwent performance reviews.

Employees receiving regular performance and career development reviews (%) GRI 404-3						
	2022			2023		
	Men	Women	Total	Men	Women	Total
Managers	55.12	50.00	52.63	48.72	50.00	49.06
Coordinators/ Supervisors	46.48	58.7	51.28	58.90	80.00	66.37
Lead	88.24	-	88.24	88.00	-	88.00
Administrative	46.70	45.86	46.32	76.63	73.21	75.12
Operational	3.84	0	3.56	63.66	59.41	63.21
Total	17.00	36.38	20.84	66.07	68.30	66.52



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Health and safety



GRI 3-3: Management of material topic, 403-6

Employee safety is an uncompromisable value and one of the company's strongest principles. As part of our 2025 Vision, we established the Conscientious Mindset Safety program with the objective of fostering a new safety culture, reinforcing preventive behavior in all Caramuru units.

Through this initiative, we aim to raise awareness among employees about the importance of complying with safety norms and requirements, enhancing the company's safety culture. In 2023, we maintained our commitment to increasing leadership engagement to elevate employees' commitment to safety. Our goal is to upgrade safety from a priority to a core value.

We conducted another safety culture diagnosis to assess our progress in this area. In 2023, 1,741 questionnaires were completed, representing more than 70% of active employees, to evaluate the perception of health and safety within the company. Questionnaires are applied following a specific methodology that defines five maturity levels: reactive, dependent, independent, interdependent and total safety. Caramuru scored 46.77 in this evaluation, an improvement compared to 2022. With this score, we met our goal of reaching the independent level and are moving towards achieving interdependence. **GRI 403-4**

See the [Appendix](#) for data and information from 2023 related to this topic.

Training in health and safety **GRI 403-5**

We provide occupational health and safety training according to the requirements of the corresponding regulatory standards for positions and workplaces. Our training entails theoretical and practical content and is conducted during working hours. Training results are evaluated through an efficacy assessment form.

We have Internal Accident Prevention Committees (CIPA) in our operations, composed of representatives elected by employees and members designated by the company in accordance with the requirements of NR 5, of Ordinance 3,214/78. At Itumbiara (GO) we have a specific process for participation and consultation based on ISO 45001. Any employee can and should identify potential health and safety risks and report them to the leadership, CIPA representatives or Specialized Occupational Health and Safety Service (SESMT) members. **GRI 403-4**

To further engage our leaders and employees and discuss important health and safety topics, we launched the Conectar-se project in 2023. This project included various activities such as lectures, presentations and interactive sessions held over three months in all Caramuru units. Topics discussed included health, occupational safety, quality, environment, information security, harassment, and compliance.

Through Conectar-se, we aimed to provide information to generate knowledge and instill changes in behavior and mindsets that lead to well-being, inspiring our teams to take care of themselves and those around them. This helps us build a positive workplace conducive to safe, ethical, and healthy development for everyone.





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Workplace precautions

GRI 403-1, 403-2

All Caramuru workers, activities and workplaces are covered by the occupational health and safety management system, without exceptions. This ensures the protection and promotion of health and safety for everyone involved in the company's operations.

Potentially harmful agents, such as noise, heat, particulate matter, chemicals and vibration are qualitatively and quantitatively assessed by contracted firms, and the results of these assessments are compiled into Technical Workplace Environment Reports (LTCAT). For agents that exceed the legal tolerance limits, engineering or administrative measures are adopted, or personal protective equipment (PPE) is used.

Our teams also undergo behavioral audits on compliance with health and safety practices. Additionally, we are currently testing a telemetry system to enhance safety in forklift operations.

We also have the Specialized Occupational Health and Safety Service (SESMT)¹, with multidisciplinary teams deployed at various facilities. We provide employees with Personal Protective Equipment (PPE) according to the risk posed by their activities. We also have qualification and approval procedures for our suppliers, in compliance with the legislation, to prevent health and safety impacts.

In 2023, the recordable work-related injuries rate was 9.71, measured as the ratio between the number of recordable work-related injuries in the year and the total working hours, which amounted to 6,386,486.83. We provide all the

necessary assistance to workers for work-related accidents or illnesses, covering and monitoring treatment from start to finish. In the last reporting period there were 62 recordable work-related injuries (injuries with and without leave). There have been no fatal accidents involving Caramuru employees since 2020.

The company has a procedure for investigating work incidents, classifying them into different categories and assessing their potential harm. When necessary, multidisciplinary teams are formed for more precise investigations, and the resulting actions are managed to implement appropriate corrective measures and determine improvements in the health and safety management system.

¹ The Specialized Services in Occupational Safety and Medicine comply with Appendix II of Regulatory Standard NR 4, as per Ordinance 3.214 of June 08, 1978 issued by the Ministry of Labor and Employment. In addition to the NR standards, these services are implemented based on the regulations of each state's Fire Department, covering a wide range of health and physical safety requirements.

Extended health plan

We invest in the well-being and health of our teams and their families. The health plans we offer to employees are extended to their legal dependents, including psychological and nutritional care.

To raise awareness and emphasize the importance of health care, we conduct prevention campaigns throughout the year. The leading campaigns include Pink October for breast cancer awareness and Blue November for prostate cancer prevention. We also organize vaccination events. We carry out initiatives to combat smoking and alcoholism, among other problems, and conduct rapid tests for HIV, hepatitis B and C, and distribute condoms.



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Safety Program: Conscientious Mindset



Safety culture: a commitment to sustainable progress

Over the past two years, Caramuru Alimentos has dedicated significant efforts to promoting and enhancing its safety culture through the structured Conscientious Mindset Safety program. This program covers leaders at all levels, operational and administrative employees, and third-party partners across the company's various facilities, including industries, ports and warehouses. Initially launched with a safety rate of 69.38, we have already observed a notable transformation.

Progress reflected in significant scores

At the end of the first year of implementation, the safety rate reached 56.76, indicating a substantial improvement in safety awareness and practices throughout the company. This continuous progress was again validated as we achieved a score of 46.77 at the end of year two. Although numerically lower, this rate represents progress in the right direction, placing Caramuru at an independent culture level and moving towards interdependence, where everyone feels responsible for their own safety and the safety of others.

Unwavering commitment to safety

Caramuru Alimentos recognizes that the journey towards an independent safety culture is an ongoing commitment. The data presented over the last two years not only indicate the effectiveness of the Conscientious Mindset Safety program but also highlight the importance of adaptability and innovation to sustaining progress. With a safety-centric mindset, the company remains committed to its purpose of providing a safe and sustainable workplace for all employees.

Future prospects and challenges to overcome

As we move forward, Caramuru recognizes the need to address emerging challenges and adapt strategies to ensure a robust and lasting safety culture. This commitment is intrinsically linked to our sustainability journey, and is a fundamental pillar of the company's ESG agenda.

Our goal for the safety culture in 2024 is to achieve a score of 42.55.

Leading initiatives in 2023

- 

4 training cycles for employees and contractors, involving 7,978 people and totaling 7,978 training hours.
- 

205 hours of safety coaching for 41 leaders.
- 

7 Safety Huddles focusing on conduct.
- 

79 Safety Walkthroughs, with 369 actions to mitigate risks.



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Investments made in 2023

Total:

R\$ 10,380,009.70

1) Occupational Safety Culture Program - Conscientious Mindset Safety

R\$ 1 million

2) Compliance with NR 12 - Machinery and Equipment Safety

R\$ 1 million

3) Study and classification of areas with potential for explosive atmosphere formation due to combustible dust

R\$ 358,999.59

4) Compliance with NR 35 - Work at Height

R\$ 4,115,681.55

5) Compliance with NR 33 - Occupational health and safety when working in confined spaces and NR35 - Work at Height

R\$ 554,850

6) Workplace Environment Condition Reports (LTCAT)

R\$ 613,015.95

7) Compliance with NR 6 - Personal Protective Equipment

R\$ 1,521,623

8) Dedusting system - Pensão Velha site

R\$ 1,143,839.60

Occupational health checkups **GRI 403-3**

Regarding occupational health services, our units in Itumbiara, São Simão and Ipameri in Goiás and Sorriso in Mato Grosso, have onsite clinics and occupational health doctors¹. The clinical examinations are performed by the professional and supplementary exams are conducted at clinics in the city. At warehouses and port terminals, occupational exams are conducted by local specialized clinics.

Each facility is responsible for monitoring and conducting medical procedures. Each employee's medical records are kept by the physician in charge of the Occupational Health Medical Control (PCMSO) Program. In cases where occupational exams are conducted at contracted clinics, the clinic's physician is responsible for the data until it is sent to the physician in charge of each facility's PCMSO.

¹ Clinical and supplementary exams are conducted at the Itumbiara unit. Supplementary exams are performed at local clinics for staff at the São Simão (GO), Ipameri (GO), and Sorriso (MT) units. For the storage units in Goiás and Mato Grosso and port terminals, occupational exams are conducted by specialized regional clinics.

Our units in Itumbiara, São Simão and Ipameri in Goiás and Sorriso in Mato Grosso have onsite clinics and occupational health doctors.

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Risk management **GRI 403-7**

The identification and assessment of routine and non-routine risks is coded by the Risk Management Program (PGR) methodology, in line with NR 1. To report health and safety risk factors, workers can contact CIPA representatives, SESMT technicians, or use the Ethics Hotline. Caramuru's Code of Ethics and Conduct also stipulates that all employees must immediately report situations of risk exposure or improper conditions so that the necessary measures can be taken to prevent accidents from occurring.

To prevent and mitigate these risks, the company deploys a series of measures, including the use of personal protective equipment (PPE) and collective protective equipment (CPE), communication, training and education, safety signage, and occupational health and safety programs, particularly the Conscientious Mindset program. Preventive maintenance, emergency and evacuation plans, and compliance monitoring are also part of the range of actions to prevent and mitigate risks.

Risky work

All professionals working in confined spaces must be trained according to NR 33, of Ordinance 3.214 and are cleared after a risk analysis in a specific form. Regarding work at heights, Caramuru invested in adapting existing lifelines to meet the requirements of NR 35, which states that all individuals must be trained for working at heights in excess of two meters.

In more dangerous situations, a risk analysis using a specific form is also conducted. Hot work can only be performed with prior analysis. We have adapted safeguards to mitigate the risk of contact with moving parts of machinery and equipment. Additionally, risk assessment processes were conducted in compliance with NR 10 and NR 12, which address electrical risks and machinery and equipment risks, respectively. During the risk assessment, those with greater significance were addressed immediately, while the others are being monitored through an action plan.

Occupational diseases

Regarding the risk of occupational illnesses, the identified hazards include noise, manual lifting and carrying of heavy loads and suspended particulate matter. Qualified firms are responsible for identifying factors related to noise and particulate matters, such as dust, using methodologies that comply with current legislation. Ergonomics risks are assessed by specialized professionals through an ergonomic evaluation of the work environment.

Personal protective equipment is used to address particulate matter and noise hazards, and we monitor the employee health through periodic medical examinations. Practical and theoretical training sessions are also administered on techniques for manual lifting and carrying of loads. Caramuru did not record any fatalities or mandatory reportable occupational diseases among employees and contractors in 2023. **GRI 403-10**

Situations of risk exposure or inadequate conditions should be reported through **CIPA, SESMT, or the Ethics Hotline.**

Lecithin facility, Sorriso (MT)



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Local communities

GRI 3-3: Rural and social development

In 2023

 **R\$ 1,474,756**
in donations

 **36,122.76** kg
of food donated

 **7,359** people
impacted by
volunteering,

61.56%
above the target

 **3,788** people
indirectly benefited by
donations

We strive to leave a positive legacy in the communities where we operate. Our responsibility in building a positive agenda is exercised through socio-environmental actions such as impactful projects and donations, and initiatives to ease negative environmental impacts, like the effects of atmospheric emissions and excessive noise. Our efforts in this area are guided by continuous dialog with local communities, mainly through our Ethics Hotline (*see more on page 38*).

At Caramuru, we believe that education is one of the pillars for transforming society. With this purpose in mind, 25 years ago we created the "Learning with You" Program, which contributes resources and extracurricular activities to improve the Basic Education Development Index (Ideb) in the company's geographies.

The program mainly seeks to encourage volunteering among employees and contractors, engaged around values such as citizenship, collaboration, and social responsibility. Throughout the year, we had 168 volunteers who positively impacted 7,359 people. These initiatives included supporting the recovery of school infrastructure, improving education quality and the cultural development of students and the community through activities such as dance, educational lectures, technical visits, theater, courses and Junior Achievement programs.



In 2023, we allocated R\$ 1,474,756 in donations through the "Learning with You" Program, employees, and company products, among other channels. We also donated 36,122.76 kg of products, sent to associations, non-profit entities, educational institutions, nursing homes, community centers, hospitals, and municipal governments.

Family farming

Another social priority for Caramuru is the development of family farmers, a subject that is part of our biofuels pillar agenda. A company team of technicians and agronomists, active for 18 years, provides support to over 1,000 farmers in Goiás and Mato Grosso states.

This technical support aims to spread information and expertise through training and individual visits, including those related to the National Biodiesel Production Program (Social Seal), throughout the planting, cultivation and harvesting phases. With this monitoring, we seek to boost production capacity and enhance the performance of farmers, which translates into income generation and rural and social development in the regions.



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Environmental management

Through the Sustentar Program, we extend our commitment to sustainable development to the value chain, involving rural growers.



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Environmental management

Our commitment to the environmental agenda and the conscientious use of natural resources is part of our culture and has been embedded in our management for almost 60 years. Throughout this journey, we have improved processes and developed programs to reduce our carbon footprint and aid environmental conservation.

Caramuru has had a Sustainability Policy for two years, which establishes values, objectives, guidelines and rules related to sustainable development practices. The policy applies to employees, executives, board members, shareholders and suppliers, service providers, public authorities, representatives of regulatory agencies and any other stakeholder that maintains contractual or commercial relationships with Caramuru.

ESG aspects are linked to the company's strategic planning, addressing sustainability issues across all corporate areas. Through the Sustentar Program, we extend our commitment to sustainable development to the value chain, involving rural growers.

We have partnerships with the Federal University of Viçosa (UFV) and the Brazilian Agricultural Research Corporation (Embrapa) and Arg company Braveza to develop drought-resistant soybean varieties, combat major soil pests and increase the use of biological products in crops in place of agrochemicals.

Another notable sustainability initiative is our Liability Management program, through which we raised R\$ 956 million in 2022 via Agribusiness Receivables Certificates (CRA). This funding is aligned with the Green Bonds Principles and is based on the environmental and climatic benefits generated in the company's business by purchasing soybeans for biodiesel production and promoting sustainable agricultural production. We also signed the Sustainable Pre-Export Financing (PPE), totaling USD 80 million, with two goals related to the sector's major challenges: greenhouse gas emissions and traceability of the raw material supply chain.

Our Sustainability Policy establishes values, objectives, guidelines and rules related to sustainable development practices.



Energy

3-3 Management of material topics

In 2023, we maintained our energy self-sufficiency advantage, while delivering on our ESG goals toward a low-carbon economy. Based on our Strategic Fueling Roadmap, an investment plan was approved to plant 224 hectares of eucalyptus forest and acquire standing forests for harvesting in 2024 and 2025, to be delivered to the plants in Goiás. We also continue to evaluate other types of biomass produced from rubber trees, bamboo, and sorghum, along with traditional sources like sugarcane bagasse.

The investment in a photovoltaic energy system, a project approved in June 2022, demonstrated proven efficiency in generating the energy forecast in the contract. Eight plants had been built by December 2023 to service nine warehouses in Goiás state.

Our total energy consumption in 2023 was 5,534,153 GJ, with 5,163,113 GJ generated from renewable sources. Our sustainability goals through 2025 are to further increase renewable energy consumption, so as to reduce our scope 2 emissions, and to decrease electricity consumption by 5% based on the year 2021 - in 2023 this reduction was 1.63%.

We also have the Operational Performance Diagnosis (DDO) program in our industries, aiming for continuous improvement in indicators of steam consumption, electricity, and boiler efficiency, among other points. This program resulted in an energy consumption reduction of 329,089 GJ compared to 2022. The reductions covered types of energy

such as fuel, electricity, heating, and steam. The National Supply-load Balance was used to make the calculations. The reduction was determined based on direct measurements.

GRI 302-4

Despite the reduction, the specific energy consumption in industries was higher in 2023 compared to 2022, mainly due to the impact on boiler efficiency. The company has a Technical Boiler Group (GTEC) focused on developing improvements for this equipment, with identified actions that will be implemented to achieve better results.

Consumption of non-renewable fuels (GJ)¹

GRI 302-1, SASB FB-FR-130a.1

	2021	2022	2023
Diesel fuel	22,564	22,150	24,313
Gasoline	9,815	11,074	9,976
Electricity	-	329,513	374,764
Total	32,379	362,737	409,053

¹ For calculations related to the supply-load balance, the company adopted the National Supply-load Balance (BEN) as the standard, methodology and tool. The sources of the conversion factors used were also based on the BEN.

Fuel consumption - renewable (GJ) GRI 302-1

	2021	2022	2023
Eucalyptus logs	802,246	322,228	308,520
Briquettes	9,979	16,042	9,979
Ethanol	1,566	1,167	741
Sugarcane bagasse	1,481,999	1,124,089	1,372,614
Eucalyptus chips	1,493,927	1,680,524	1,544,555
Chips resulting from sawmill scraps	-	964,258	1,454,067
Corn stover	-	651	-
Fatwood	5,103	16,992	-
Shavings	796,793	943,723	329,091
Açaí waste	-	63,677	-
Corn stover	-	98,400	90,185
Pine wood chips	-	53,361	53,361
Total	4,591,613	5,285,112	5,163,113

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Energy consumed by source (GJ)¹ GRI 302-1

	2021	2022	2023
Electricity	23,011	329,513	374,764
Heating	-	0	273,052
Refrigeration	-	0	0
Steam	-	0	4,889,319
Total	23,011	329,513	5,537,135

¹ Steam data began to be monitored independently in 2023.

Energy sold (GJ)¹ GRI 302-1

	2021	2022	2023
Electricity	23,011	14,464	38,012
Heating	0	0	0
Refrigeration	0	0	0
Steam	0	0	0
Total	23,011	14,464	38,012

¹ The surplus energy sold, as reported here, comes from excess contracts and not from internally produced energy.

Total energy consumed (GJ) GRI 302-1

	2021	2022	2023
Non-renewable fuels	33,945	363,904	34,289
Renewable fuels	4,590,047	5,294,387	5,163,113
Power acquired	228,379	329,513	374,764
Power sold	23,011	14,464	38,012
Total	4,829,360	5,973,340	5,534,153

Energy intensity¹ GRI 302-3

	2023
Energy consumption ² within the organization	5,534,153
Specific metric	2,621,381
Energy intensity	0.47

¹ The denominator used for the calculation was the ton of product manufactured/produced.

² Types of energy included: fuel, electricity, heating and steam.

Reductions in energy requirements of products and services GRI 302-5

	Reduction achieved (GJ)
Solar power plants implemented in eight storage units	1,643
Reduction of specific electricity consumption in industrial units processing soybeans, corn, and sunflower	6,354
Reduction of specific steam consumption in industrial units for processing soybeans, corn, and sunflower	235,286
Total	243,283.00

We maintained our energy self-sufficiency advantage, while delivering on our ESG goals for a low-carbon economy.



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Emissions

GRI 3-3. Management of material topics

Climate change is a crucial issue for our business. To advance in our decarbonization journey, we rely on specialized software for monitoring greenhouse gases (GHG). Our GHG Inventory covers the industrial plants of Itumbiara, Ipameri, São Simão, and Sorriso; the logistics units: Transbordo Itaituba and Porto Santana; and the administrative offices and warehouses, some of which are leased and some owned. Despite not being owned by the organization, Caramuru exercises operational control over the warehouses.

Direct and indirect emissions (Scope 1 and 2) were identified through an individual assessment of each unit and process. 13 categories were mapped for indirect emissions (Scope 3), considering the significance composed of relevance and materiality, covering the company's five largest expenses according to the annual Financial Statements.

In 2023, we published our third GHG inventory, with Scopes 1, 2, and 3 audited by the independent firm DNV (see page 105). To advance in this decarbonization journey, we hired a specialized consultancy firm to help us devise a sound strategy. We also began implementing the Task Force on Climate-related Financial Disclosures (TCFD) framework and completed the emission projection curves for approved projects, a best practice adopted by the market for setting reduction targets. For 2024, the company organized a working group to address decarbonization projects in the industry.

CBIOs

We strive to align our operations with the generation of positive environmental impacts. And the synergy in our climate agenda is evident: as biodiesel producers, we contribute to reducing greenhouse gas emissions into the atmosphere. We have three biodiesel production plants: São Simão (GO), Ipameri (GO) and Sorriso (MT). All plants are certified for the issuance of decarbonization credits (CBIOs) under the RenovaBio program. In 2023, **291,925** CBIOs were issued, resulting from the marketing of 436,053.93 m³ of biodiesel.





Sorriso Complex (MT)

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Scope 1

Direct greenhouse gas emissions (t CO₂ equivalent)^{1 2}

GRI 305-1, SASB FB-FR-110a.1, FB-AG-110a.3

	2021	2022	2023
Production of electricity, heat or steam	17,722.93	21,448.66	11,184.26
Physical-chemical processing	10,274.43	101,927.14	73,508.81
Transportation of materials, products, waste, workers and passengers	2,286.75	2,434.09	2,265.02
Fugitive emissions	58.05	118.88	1,153.93
Total gross CO₂ emissions	30,342.16	125,928.77	88,112.03

¹ Gases included in disclosures: CO₂, CH₄, N₂O and HFCs.

² Change in the calculation methodology (2023) for physical and chemical processes, leading to the correction of the 2022 inventory to make a 48% reduction in CO₂e tons.

Biogenic CO₂ emissions (t CO₂ equivalent) GRI 305-1

	2021	2022	2023
	878,187.88	537,647.54	607,765.59

Scope 2

Energy indirect GHG emissions (t CO₂ equivalent)¹ GRI 305-2

	2021	2022	2023
	7,156.82	4,168.37	3,966.90

¹ Gases included in disclosures: CO₂.

Reduction of GHG emissions (t CO₂ equivalent)¹ GRI 305-5

	2023
Reductions of direct emissions (Scope 1)	-37,816.63
Reductions of indirect emissions from purchased electricity (Scope 2)	-202.00
Reductions of other indirect emissions (Scope 3) ²	+4,607,370.30

¹ In 2022, the wastewater treatment process was miscalculated. In Scope 1, we had two situations: 1) change in the calculation methodology (2023) for physical and chemical processes, leading to the correction of the 2022 inventory to make a 48% reduction in CO₂e tons. 2) comparing the corrected 2022 inventory with that of 2023 revealed the reduction was 30%, mainly due to lower wastewater treatment. Scope 2 reduced by 202 tons, because the Brazil Grid Emission Factor decreased by 9.6%. In Scope 3, there was an increase because in 2022, only 9 categories were reported, while in 2023, 13 categories were reported, including Category 1, which has the greatest representation of Scope 3 emissions.

² Scope 3 also saw emissions rise due to the addition of three new categories that didn't exist in 2022, one of which is the purchase of goods and services, including the entire sourcing of the company's raw materials.

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Scope 3

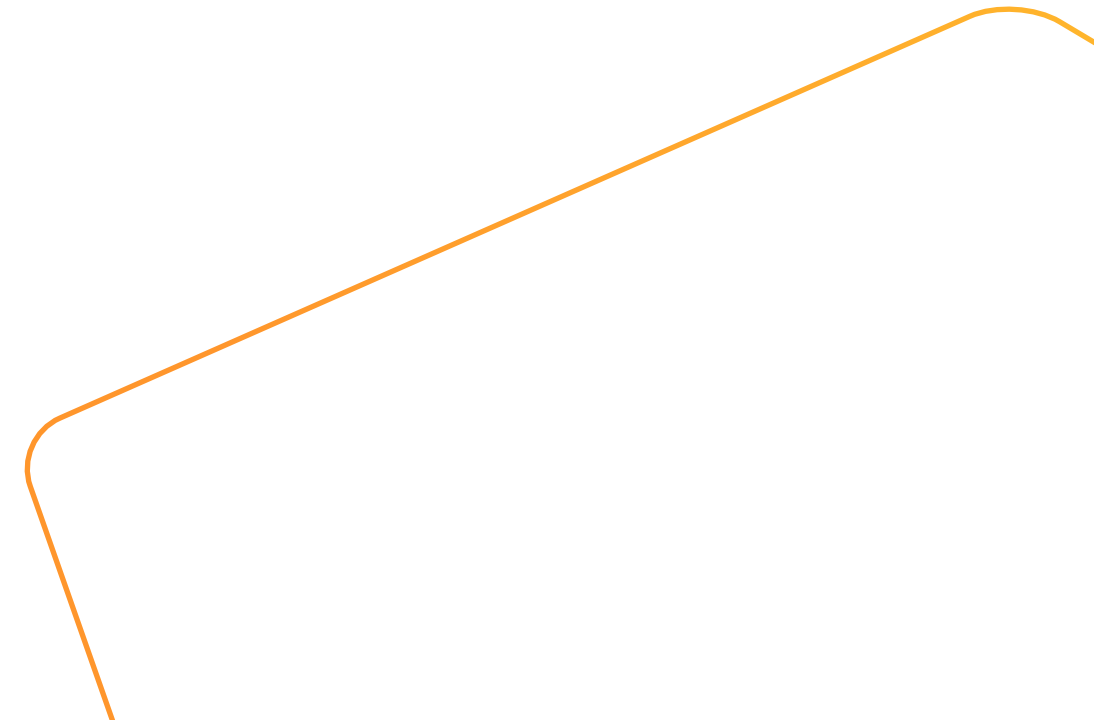
Other indirect GHG emissions ¹ (t CO ₂ equivalent) GRI 305-3		
	2022	2023
Upstream		
Goods and services purchased	-	4,025,329.63
Capital goods	-	37,561.48
Fuel- and energy-related activities	-	42,127.53
Upstream transportation and distribution	22,049.63	120,744.42
Waste generated in operations	5,740.37	5,750.32
Business travel	529.08	258.30
Employee transportation	819.69	915.81
Leased assets	1,474.22	1,012.20
Subtotal	30,613.00	4,233,699.69
Downstream		
Processing of sold products	-	276,480.91
Downstream transportation and distribution	5,826.65	97,305.66
Use of sold products	3,203.30	3,532.36
End-of-life treatment of sold products	5,410.30	41,350.93
Franchises	590.51	-
Investments	-	644.47
Subtotal	15,030.76	419,314.33
Total	45,643.75	4,653,014.05

¹ Gases included in disclosures: CO₂, CH₄, N₂O and HFCs.

Biogenic CO ₂ emissions (t CO ₂ equivalent) GRI 305-3		
	2022	2023
	972,723.17	1,095,334.44

Greenhouse gas emissions intensity ¹ GRI 305-4		
	2022	2023
Total GHG emissions (t CO ₂ equivalent)	271,444.73	4,745,092.04
GHG emissions intensity	0.09	1.81

¹ Total emissions per ton of processed volume. Includes scope 1, 2 and 3 emissions.



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Water and wastewater

GRI 3-3. Management of material topics, 303-1

At Caramuru, practices for reducing and reusing water resources throughout the value chain are priorities. Due to the strategic importance of this issue, we created a Working Group (WG) in 2022, composed of multidisciplinary employees representing industrial, storage, and port units. The task force's mission is to lead the company to "be recognized for promoting conscientious water use and influencing biodiversity conservation in our value chain" by 2030. The group meets monthly and works closely with the respective management and directors.

The industrial and storage units are supplied with water from surface and/or groundwater sources, with only the Apucarana plant (PR) having supplementary supply from a utility. The company's water consumption includes potable use, landscape irrigation, industrial cooling, fire-fighting systems, and activities in canteens, kitchens, and cleaning.

To identify impacts related to this issue, we conduct environmental impact and regulatory compliance assessments, considering the water consumption of

operations. We also monitor water quality, develop water resource management plans, evaluate wastewater discharges, and harness innovation and efficiency to reduce consumption. These assessments are medium-term, aiming to implement significant and sustainable changes using tools such as sector benchmarking and environmental performance indicators.

Water consumption is monitored daily and the resulting data is assessed monthly. Caramuru's water and wastewater management has commitments to reduce water intake by 20% and reuse 70% of effluents by 2025. If a facility's water consumption exceeds the volume authorized for the well, the company investigates the incident and the need to raise the authorized limit or install another water intake point. We also looked into opportunities to achieve two indicators in our Operational Performance Diagnosis (OPD) package: one related to industrial water consumption per ton of processed grain and another focused on the percentage of reused wastewater.

Water and wastewater management targets¹

Year	Reduce water consumption	Status	Reusing wastewater	Status
2023	5%	8%	28%	10.8%
2024	10%	-	30%	-
2025	5%	-	12%	-
Total	20%	-	70%	-

¹ Our industrial facilities have the highest water consumption, and no such facility is located in areas with water stress. The water consumption target was defined based on 2022 historical data, excluding the outlying standard deviations. For 2023, our goal was to reduce the extracted volume by 5% on 2022, in order to achieve the 2025 objective of reducing consumption by 20%. The wastewater reuse target was established progressively to reach the 70% goal by 2025.

Caramuru's water and wastewater management has commitments to reduce water intake by 20% and reuse 70% of effluents by 2025.

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Treatment system **GRI 303-2**

We have a wastewater treatment system in place for 100% of industrial and sanitary processes through Wastewater Treatment Plants (ETP) in Apucarana (PR), Itumbiara, Ipameri, São Simão (GO) and Sorriso (MT).

This São Simão plant is the only one discharging wastewater into water bodies, in the Paranaíba River, complying with the limits established in CONAMA Resolutions 357 and 430 and State Decree 1,745 issued by Goiás state. Every six months, the discharge in the river is analyzed both upstream and downstream, and once a year Caramuru monitors the treated wastewater.

In 2023, 695 ML of wastewater was treated within the Group, and 95% of the wastewater treated in Apucarana was reused, an 18% increase compared to 2022. In Ipameri, Itumbiara, São Simão and Sorriso, the treated wastewater is used for boiler gas scrubbing and improvised fertigation systems using tanker trucks and non-homogeneous spraying, and in the firefighting system. In 2023, there was no need to discharge the treated wastewater into any water body. The four units are conducting studies on the reuse of treated wastewater to prevent soil saturation by fertigation and to reduce the volume of water withdrawn. At the company, all wastewater undergoes physical, chemical and biological treatment.

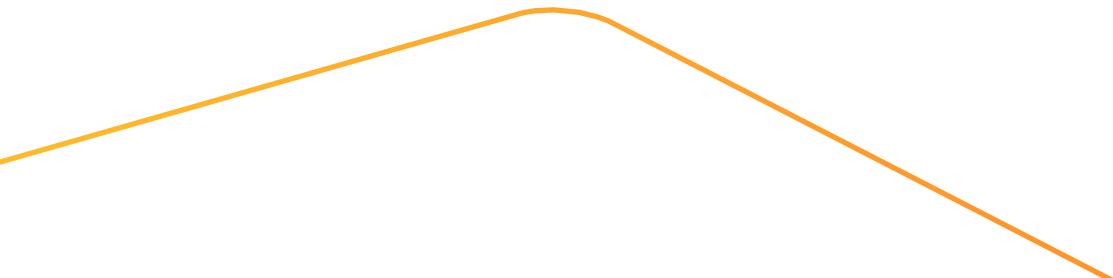
Consumption monitoring

All our industrial facilities take daily readings of water meters and flow meters for deepcased wells, industrial sectors, treated wastewater and reused wastewater. Water consumption per ton of processed grain is also monitored. ETE managers monitor and evaluate the recordings, taking into account the set goals, and propose actions to reduce waste and increase wastewater reuse. We address water-related impacts in monthly meetings of the environmental working group and quarterly huddles with directors and managers.

Our units also comply with the wastewater treatment parameters defined by the relevant regulatory agencies, according to local legislation. The pH limits for oils, greases and solids follow State Environmental Board (CEMA) resolutions 357/2005, 430/2011 and 70/2009.

Sector commitments

We participate in the Brazilian Business Council for Sustainable Development (CEBDS) and have undertaken two pledges: to expand the integration of water issues into business strategy and to measure and publicly report water management at the company. We are also members of the Paranaíba River Basin Committee, a collegiate body composed of members of the government and organizations that use water resources. The Committee discusses the implementation of the River Basin Water Resources Plan and the formulation of public policies related to the river, among other activities.





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Total volume of water withdrawal across all areas and in areas with water stress, by source¹ (ML) GRI 303-3

	2021	2022	2023
Source	All areas	All areas	All areas
Surface water			
Freshwater (≤1,000 mg/l of total dissolved solids)	708.18	825.30	807.75
Other water (>1,000 mg/l of total dissolved solids)	0	0	0
Groundwater			
Freshwater (≤1,000 mg/l of total dissolved solids)	1,407.77	1,516.54	1,357.53
Other water (>1,000 mg/l of total dissolved solids)	0	0	0
Seawater			
Freshwater (≤1,000 mg/l of total dissolved solids)	0	0	0
Other water (>1,000 mg/l of total dissolved solids)	0	0	0
Produced water			
Freshwater (≤1,000 mg/l of total dissolved solids)	0	0	0
Other water (>1,000 mg/l of total dissolved solids)	0	0	0
Utility water			
Freshwater (≤1,000 mg/l of total dissolved solids)	0	3.29	2.89
Other water (>1,000 mg/l of total dissolved solids)	0	0	0
Total	2,115.95	2,345.13	2,168.17

¹ The organization does not withdraw water in areas with water stress. To calculate this indicator, we record the daily water volume drawn using the hydrometer for each type of intake. As an operational performance indicator, we monitor the volume of water drawn per ton of processed grains, and if this value exceeds the established target, an action plan is implemented.

Water consumption (ML) GRI 303-5

	2021	2022	2023
	All areas	All areas	All areas
Total water withdrawal	2,115.95	2,345.13	2,168.17
Total water discharge	279.59	15.78	23.70
Water consumption	1,836.36	2,329.35	2,168.17

We have undertaken two pledges: to expand the integration of water issues into business strategy and to measure and publicly report water management at the company.



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Waste GRI 306-2

In compliance with the National Solid Waste Policy (Law No. 12,305/2010), Caramuru adopts various measures to avoid waste production in its activities and value chain, including recycling and reuse. Efficient waste management is conducted from generation to final disposal, following standardized operational procedures and raising awareness among employees about proper segregation and disposal. Annual environmental audits and quarterly inspections are carried out at certain units to ensure compliance with environmental processes.

The company adheres to current environmental legislation and encourages reverse logistics for post-consumer packaging. Waste management is performed internally through spreadsheets, classifying waste into various categories, and the data is monitored by weighing at exit, with the issuance of mandatory documents and tracking via specific systems such as the National Solid Waste Management Information System (SINIR) to ensure legal compliance. Compliance reports are prepared using the Legnet platform.

Environmental Aspect and Impact Assessments (LAIA) are conducted annually or when there are significant changes in LAIA standards, laws and regulations and to operational controls, monitoring, and emergency response. This procedure is also carried out in the event of incidents that directly affect its content or control; following relevant suggestions from employees or third parties; due to changes, improvements, or alterations in processes, products, and services; by determination of management's critical analysis; or when changes arise from audits, non-compliance treatments, or risk and opportunity management. **GRI 306-1**

For nearly a decade we have maintained a partnership with the Itumbiara waste picker association (GO), which operates a warehouse to receive and separate recyclable waste collected by both our company and members of the community. In 2023, we donated 135 metric tons of recyclable waste, resulting in a total income of R\$ 60,000 for member collectors.

The company adheres to current environmental legislation, and encourages reverse logistics for post-consumer packaging.



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Total waste generated by composition (t) GRI 306-3

	2023
Hazardous	Quantity generated (t)
Materials contaminated with class i waste	18.7
Contaminated packaging of agricultural pesticides and PPE	0.29
Light bulbs	0.31
Oil and grease	13.91
Batteries and powerpacks	1.19
Medical waste	0.01
Technological waste	2.87
Total hazardous	37.28
Nonhazardous	
Ash	15,555
Municipal waste	1,624.85
Scrap metal	474.83
Organic waste	158.38
Paper/cardboard	59.42
Plastic	149.13
Recyclable	135.46
Salt waste	3,319.23
Industrial waste activated charcoal	70.34
Waste generated by cutting lawns	432.38
Wood scrap	11.89
Bleaching earth and filter aid	1,159.63
Wastewater treatment sludge	6,880.93
Chemical and lubricant product packaging (triple wash)	2.62
Total non-hazardous	30,034.09
Total (hazardous + non-hazardous)	30,071.37

Total waste diverted from disposal, by composition (t)¹ GRI 306-4

	2023
Non-hazardous	Quantity diverted from disposal (t)
Wastewater treatment sludge	3,785.55
Bleaching earth and filter aid	1,159.65
Total	4,945.20

Total waste diverted from disposal, by recovery operation (t) GRI 306-4

	2023			
Nonhazardous waste	Onsite	Offsite	Total	Total
Reprocessing - Power generation	4,945.20	0.00	0.00	0.00
Total	4,945.20	0.00	0.00	0.00

¹ The company uses bleaching earth and sludge from the Wastewater Treatment Plant (ETP) as fuel for burning in boilers to generate energy, as authorized by environmental agencies. This process is part of the waste management and sustainability strategy, allowing us to reduce the waste volume directed to disposal. This data is compiled through specific control spreadsheets for waste management in the company's units. All hazardous waste, classified as Class I according to NBR 10004, is disposed of properly. This waste is processed in five of the company's industrial plants: Itumbiara, Ipameri, São Simão, Sorriso, and Apucarana.





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Total waste directed to disposal, by composition, in metric tons (t)
GRI 306-5

	2023
Nonhazardous waste	Quantity directed to disposal (t)
Ash	15,555.00
Municipal waste	1,624.85
Scrap metal	474.83
Organic waste	158.38
Paper/cardboard	59.42
Plastic	149.13
Recyclable	135.46
Salt waste	3,319.23
Industrial waste activated charcoal	70.34
Waste generated by cutting lawns	432.38
Wood scrap	11.89
Chemical and lubricant product packaging (triple wash)	2.62
Wastewater treatment sludge	3,095.38
Total non-hazardous waste	25,088.91
Hazardous waste	
Materials contaminated with class i waste	18.70
Contaminated packaging of agricultural pesticides and PPE	0.29
Light bulbs	0.31
Oil and grease	13.91
Batteries	1.19
Medical waste	0.01
Tech waste	2.87
Total hazardous	37.28
Total (non-hazardous + hazardous)	25,126.19

Total waste directed to disposal, by operation, in metric tons (t) GRI 306-5

	2023		
	Onsite	Offsite	Total
Nonhazardous waste			
Incineration with energy recovery	0.00	0.00	0.00
Incineration without energy recovery	0.00	0.00	0.00
Landfilling	0.00	2,094.68	2,094.68
Dumping in sanitary landfills	0.00	2,094.68	2,094.68
Landfilling class II	0.00	3,423.17	3,423.17
Composting and agricultural use	0.00	15,572.26	15,572.26
Wastewater treatment sludge	0.00	3,095.38	3,095.38
Total	0.00	25,089.18	25,089.18
Hazardous waste			
Incineration with energy recovery	0.00	0.00	0.00
Incineration without energy recovery	0.00	0.00	0.00
Landfilling	0.00	18.70	18.70
Blending for co-processing	0.00	0.14	0.14
Decontamination	0.00	0.20	0.20
Encapsulation - Class I Waste	0.00	1.15	1.15
Incineration	0.00	0.01	0.01
Re-refining	0.00	13.91	13.91
Total	0.00	34.11	37.28



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Biodiversity

GRI 3-3. Management of material topics

We made a public commitment to the Zero Deforestation Policy in 2020. This means we do not purchase raw materials from deforested areas. In the Amazon biome, this commitment began in 2008, in alignment with the Soy Moratorium.

All the products in Caramuru's portfolio made from raw materials such as soy, corn, sunflower and canola are from areas compliant with this policy. Also note that all our suppliers are currently traced, ensuring compliance with the company's sustainability commitments.

All the products in Caramuru's portfolio made from raw materials such as soy, corn, sunflower and canola are from areas compliant with the Zero Deforestation policy.

As measures to prevent or mitigate potential negative impacts related to deforestation, we implemented a pilot project in partnership with Agrottools. This project involves mapping priority areas of biodiversity, divided into territories smaller than the sub-municipal level, where deforestation and socio-environmental risks are analyzed.

The initial criteria used to classify these lands include deforestation, priority conservation areas, conserved vegetation, rainfall index and indigenous lands. Once the project is ready, it will be possible to define objectives, targets, and related indicators and to measure the effectiveness thereof.





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Ipameri Complex (GO)



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Business and financial performance

Internal and external conditions presented daunting challenges over the year, involving various economic and financial factors, including exchange rates, price changes and demand for certain products. Once again, our strategic planning proved effective, and the company managed to achieve significant results.

Key success factors include adding value to our diverse product portfolio, the competitive advantage provided by our intermodal logistics structure, high production capacity and operational excellence, and our close relationships with customers. Our decade-long investment journey has helped

drive these and other factors, demonstrating our commitment to the company's organic and structured growth (*see more on page 26*).

In 2023, we generated R\$ 7.6 billion in net revenue, R\$ 239.9 million in net profit, and R\$ 489.6 million in Adjusted EBITDA. These three indicators declined on 2022, with decreases of 12%, 31.2%, and 23.4% respectively. This is explained by the challenges faced during the period, especially overseas, with falling prices and demand.

Key financial indicators (R\$ thousand)			
	2021	2022	2023
Net Revenue	7,592,251	8,626,376	7,592,518
EBITDA	683,528	521,546	385,495
Adjusted Ebitda	577,034	639,182	489,654
Adjusted Ebitda Margin	7.6%	7.4%	6.4%
Net income	353,867	348,744	239,857
Net Debt/LTM Ebitda	2.26x	2.38x	2.14x



R\$ 7.6 billion
in Net Revenue



R\$ 239,857 million
in Net Income



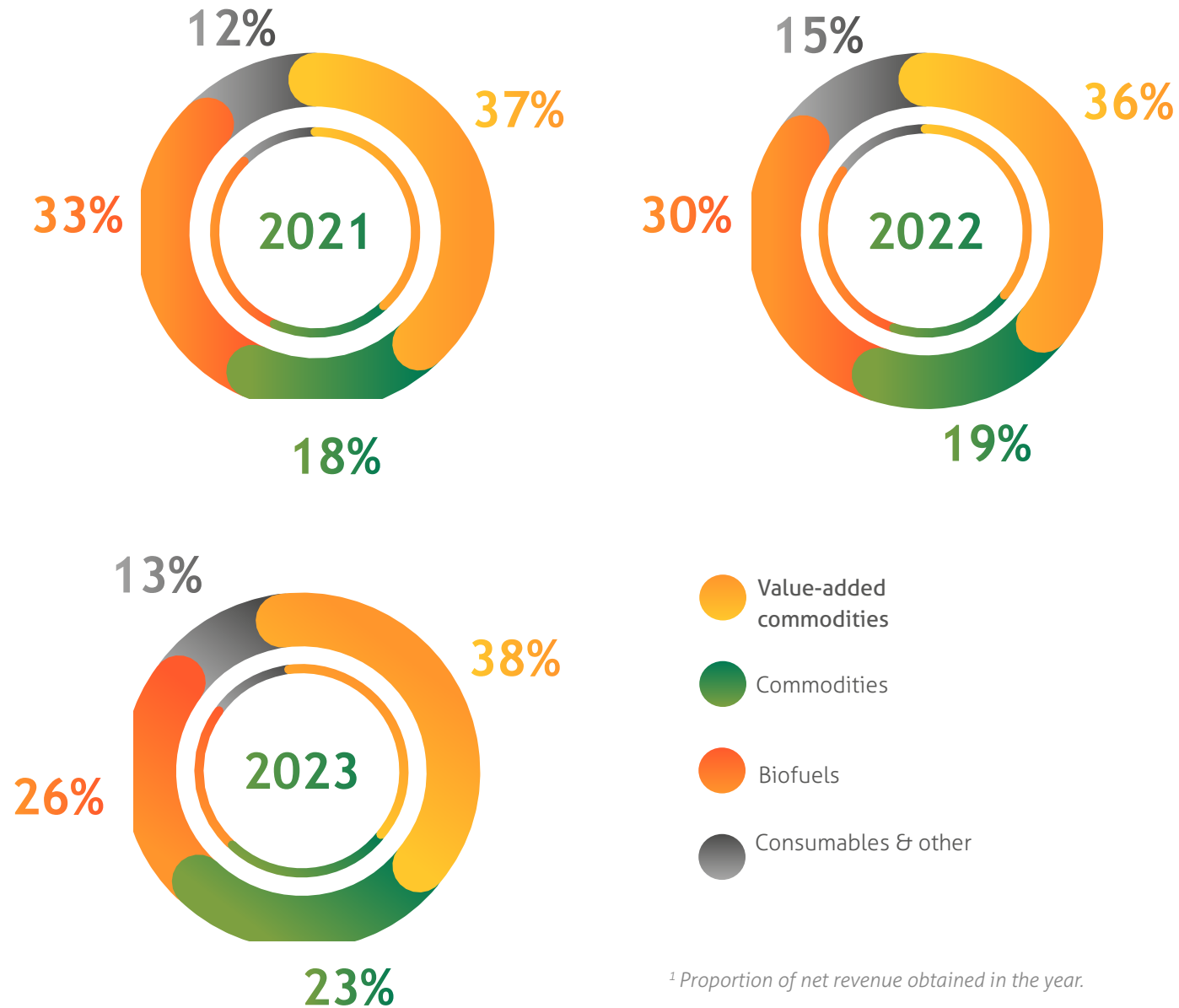
R\$ 489,654 million
in Adjusted EBITDA



Soybean oil refining factory, Itumbiara (GO)

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Segment representation¹



¹ Proportion of net revenue obtained in the year.

Direct economic value generated (R\$) GRI 201-1

Revenue	2022	2023
	10,608,568,372.57	9,208,277,106.86

Economic value distributed (R\$) GRI 201-1

Distributed	2022	2023
Operating costs	8,803,111,906.23	7,875,092,336.1
Employee wages and benefits	284,734,232.23	308,463,576.94
Payments to providers of capital	1,502,214,452.05	1,050,372,770.48
Payments to government ¹	330,235,929.69	265,508,811.98
Community investments	0.00	0.00
Total	10,259,824,660.82	8,968,419,871.54

Economic value retained (R\$) GRI 201-1

	2022	2023
"Direct economic value generated" less "Economic value distributed"	348,743,711.74	239,857,235.32

¹ Payments to government are subtracted.



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Assurance Statement



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Independent Assurance Statement

DNV Business Assurance Avaliações e Certificações Brasil Ltda. ("DNV") has been commissioned by CARAMURU ALIMENTOS S.A. ("CARAMURU") to undertake independent assurance of the Sustainability Report 2023 ("Report") and to carry out an independent verification for selected performance indicators for the year ending December 31, 2023.



Our Opinion: Based on the work carried out, nothing has come to our attention to suggest that the Report does not adequately describe CARAMURU's adherence to the principles described below. In terms of the reliability of the performance data, nothing came to our attention to suggest that this data had not been properly grouped from the information reported at operational level, nor that the assumptions used were inappropriate. In our opinion, the report provides sufficient information for readers to understand how the company is managed in relation to its most relevant issues and impacts.

Without affecting our assurance opinion, we also make the following observations:

Stakeholder inclusiveness

The involvement of stakeholders in developing and achieving a responsible and strategic response to sustainability.

Throughout the assurance process, DNV identified that CARAMURU systematically engages with key stakeholders in its business, including customers, employees, suppliers and service providers, carriers, associations and industry organizations. There is evidence that feedback from stakeholders has helped define the content of the Report and influenced decision-making within the company.

Nothing has come to our attention to suggest that the Report does not meet the requirements related to the Principle of Stakeholder Inclusion.

Materiality

The process of determining the issues that are most relevant to an organization and its stakeholders.

CARAMURU has demonstrated a structured and effective process for identifying its most material issues. The materiality process, carried out in December 2022, considered a wide range of inputs, including the company's sustainability and risk context, industry trends and stakeholder perspectives. Through its risk management framework, the company continuously monitors emerging and priority issues. The Report presents the company's activities and performance in relation to its most material issues.

Nothing has come to our attention to suggest that the Report does not meet the requirements relating to Materiality.

Sustainability context

Presenting the organization's performance in the broader context of sustainability.

CARAMURU's Sustainability Report 2023 is based on global sustainability frameworks such as the Global Reporting Initiative (GRI).

Nothing has come to our attention to suggest that the Report does not meet the requirements related to the Sustainability Context principle.

Completeness

How much of all the information that has been identified as material to the organization and its stakeholders is reported?

The Report provides a comprehensive overview of CARAMURU's ESG performance in the reporting year. Based on the work carried out, we do not believe that CARAMURU has failed to report on any of its material issues. We found that the company uses systems and software to control most of the information, which brings greater reliability and quality to the data. However, for some information, not all the data is managed in a system, and some of it is controlled manually and consolidated in a system. It is recommended that, if possible, the information is managed in a system, in order to improve the management and effectiveness of the information.

Nothing has come to our attention to suggest that the Report does not meet the requirements related to the Principle of Completeness.

Reliability

The accuracy and comparability of the information presented in the Report, as well as the quality of the underlying data management systems.

CARAMURU has established a variety of processes to collect and consolidate the various data it reports. We have confidence in the processes in place to ensure accuracy in the information presented in the Report and in the data management systems. Data disclosure is comprehensive, and indicators are disclosed in a balanced way. Our review of selected indicators presented in the Report resulted in some technical errors that were identified and corrected based on our sampling.

Nothing has come to our attention to suggest that the Report does not meet the requirements related to the Principle of Reliability.



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Scope and approach

We carry out our verification work using DNV Verisustain's assurance methodology, which is based on our professional experience and the best international assurance practices, and with the International Standard on Assurance Engagements ISAE 3000 Assurance Engagements other than Audits or Reviews of Historical Financial Information.

These documents require, among other things, that the audit team possesses the specific knowledge, skills and professional competencies necessary for an assurance assignment relating to sustainability information, and that the team complies with the ethical requirements to guarantee its independence.

DNV applies its own management standards and compliance policies for quality control, which are based on the principles contained in ISO IEC 17029:2019 - Conformity assessment - General principles and requirements for validation and verification bodies, and consequently maintains a comprehensive quality control system, including documented policies and procedures regarding compliance with ethical requirements, professional standards and applicable legal and regulatory requirements.

We assessed the Report for adherence to the VeriSustain™ Principles (the "Principles") of Stakeholder Inclusiveness, Materiality, Sustainability Context, Completeness and Reliability. We assessed the selected GRI indicators and performance data as shown below using the GRI Reporting Principles to define the quality of the report (Accuracy; Balance; Clarity; Comparability; Completeness; Sustainability Context; Timeliness; Verifiability), considering the Company's reporting based on the GRI Standards.

The review of financial data is not within the scope of our work. We understand that financial data, including the financial data that feeds into the calculation of the Selected Performance Indicators, may be subject to a separate independent audit process. DNV has relied on this information as accurate for the purposes of our scope of work. This includes, but is not limited to, any statements relating to sales, revenue, salaries, payments and financial investments.

The reliability of the data reported depends on the accuracy of data collection and monitoring arrangements at market and site level, which are not considered as part of this assurance. Our assurance work does not include the management practices, performance and sustainability reporting of the company's suppliers, contractors and third parties mentioned in the Report. We did not interview external stakeholders as part of this assurance work.

Data in the scope

The GRI indicators in scope include:

- Sectorial 13.4: Natural ecosystem conversion
- 304-2: Significant impacts of activities, products and services on biodiversity
- 413-2: Operations with significant actual and potential negative impacts on local communities
- 302-1: Energy consumption within the organization
- 302-4: Reduction of energy consumption
- 205-1: Operations assessed for risks related to corruption
- 205-3: Confirmed incidents of corruption and actions taken
- Sectorial 13.23: Supply chain traceability
- 308-1: New suppliers that were screened using environmental criteria
- 303-5: Water consumption
- Sectorial 13.6: Pesticides use
- 401-1: New employee hires and employee turnover
- 405-1: Diversity of governance bodies and employees
- 418-1: Substantiated complaints concerning breaches of customer privacy and losses of customer data
- 417-2: Incidents of non-compliance concerning product and service information and labeling
- 415-1: Political contributions
- 403-9: Work-related injuries *
- 403-5: Worker training on occupational health and safety

*Note: For indicator 403-9, DNV did not assess item 9 and its sub-items I, II, III, IV, V, as the company does not manage such information for outsourced employees.


Responsibilities of CARAMURU and the assurance provider

CARAMURU is solely responsible for the preparation of the Report. In performing our assurance work, our responsibility is to CARAMURU's management. However, our statement represents our independent opinion and is intended to inform all interested parties. DNV has not been involved in the preparation of any statements or data included in the Report, except for this statement. This is our first year providing assurance on CARAMURU's indicators and the CARAMURU Report. DNV's assurance work is based on the assumption that the data and information provided by the client to us as part of our review has been provided in good faith.

DNV expressly disclaims any liability or co-liability for any decision that a person or entity may make based on this statement. All assurance engagements are subject to inherent limitations, as selective testing (sampling) may not detect errors, fraud or other irregularities. Non-financial data may be subject to greater inherent uncertainty than financial data, given the nature and methods for calculating, estimating and determining such data. The selection of different, but acceptable, measurement techniques may result in different quantifications between different entities.

The procedures performed in a limited assurance engagement vary in nature and are shorter in length than in a reasonable assurance engagement. Consequently, the level of assurance obtained in a limited assurance engagement is substantially lower than the assurance that would have been obtained if a reasonable assurance engagement had been performed. During the assurance process, we did not come across any limitations in the scope of the agreed assurance work.

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Level of assurance	Independence
<p>We plan and perform our work to obtain the evidence we consider necessary to support our assurance opinion. We are providing a 'limited' level of assurance. A 'reasonable' level of assurance would require additional work at head office and local levels to obtain further evidence to support the basis of our assurance opinion.</p>	<p>The policies and procedures established by DNV are designed to ensure that DNV, its personnel and, where applicable, others, are subject to independence requirements (including personnel from other DNV entities) and maintain independence when required by relevant ethical requirements. This work was performed by an independent team of sustainability reporting assurance professionals.</p>

Base da nossa opinião

A multidisciplinary team of sustainability and assurance experts carried out work from March to May 2024. We carried out the following activities:


- Review of current sustainability issues that may affect CARAMURU and are of interest to stakeholders.
- Review of CARAMURU's approach to stakeholder engagement and recent results.
- Review of the information provided to us by CARAMURU on its reporting and management processes relating to the principles.
- We conducted interviews with ESG leadership, and areas such as risk management, sustainability, human resources, environment, health and safety, and compliance. They are responsible for the management and stakeholder relations areas covered in the Report. The aim of these discussions was to understand the high-level commitment and strategy relating to CARAMURU's ESG and governance arrangements, stakeholder engagement activities, management priority and systems. We were free to choose interviewees and roles covered.
- We made a technical visit to CARAMURU's headquarters in order to conduct some of the interviews planned in the process in person, facilitating the collection of data and information from the respondents of the indicators sampled.
- We accessed documentation and evaluated evidence that supported and substantiated the claims made in the Report.
- Review of the specified data collected at corporate level, including that collected by other parties, and statements made in the Report. We interviewed managers responsible for internal data validation, reviewed their work processes and carried out sample audits of the processes for generating, collecting and managing quantitative and qualitative sustainability data.
- We assessed whether the evidence and data are sufficient to support our opinion and CARAMURU's assertions.
- We provided feedback on the report based on our assurance scope.

Business Assurance

DNV Business Assurance is a global provider of certification, verification, assessments and training, helping clients build sustainable business performance.

<https://www.dnv.com.br>

Statement number: DNV-2024-ASR- C697823



WHEN TRUST MATTERS

**Oliveira,
Mayara**

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Oliveira, Mayara
Date: 2024.06.21
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Lead Auditor

**Arias,
Paulo**

Digitally signed by
Arias, Paulo
Date: 2024.06.21
16:19:42 -03'00'

Technical Reviewer

For and on behalf of DNV Business Assurance Avaliações e Certificações Brasil Ltda.

Sao Paulo, Brazil
June 21, 2024

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Statement number: DNV-2024-ASR- C697823



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Statement of use	Caramuru Alimentos has developed its report in accordance with the GRI Standards for the period from January 01 to December 31, 2023
GRI 1 used	GRI 1: Foundation 2021
Applicable GRI Sector Standard(s)	GRI 13: Agriculture Aquaculture and Fishing Sectors 2022

GRI Standard/ Other source	Disclosure	Location	Omission			GRI Sector Standard Ref. No.
			Requirement(s) Omitted	Reason	Explanation	
General disclosures						
GRI 2: General Disclosures 2021	2-1 Organizational details	9				
	2-2 Entities included in the organization's sustainability reporting	There are no subsidiaries or specified interests In the company's Sustainability Report.				
	2-3 Reporting period, frequency and contact point	4				
	2-4 Restatements of information	Information provided in previous reports has not been restated.				
	2-5 External assurance	The hiring of an independent certifying body, without ties to the company, is earmarked in the sustainability department's annual budget, with the approval of the Board of Directors (<i>see the statement on page 77</i>). The Sustainability Report, in turn, is approved by the Executive Board.				
	2-6 Activities, value chain and other business relationships	9, 44				
	2-7 Employees	51, 52				
	2-8 Workers who are not employees	52				
	2-9 Governance structure and composition	28, 29				
	2-10 Nomination and selection of the highest governance body	29, 30				



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GRI Standard/ Other source	Disclosure	Location	Omission			GRI Sector Standard Ref. No.
			Requirement(s) Omitted	Reason	Explanation	
GRI 2: General Disclosures 2021	2-11 Chair of the highest governance body	30, 31				
	2-12 Role of the highest governance body in overseeing the management of impacts	12, 28				
	2-13 Delegation of responsibility for managing impacts	The management of impacts within the company is not delegated by the highest governance body, as this process is coordinated by Internal Controls and Risk Management. This decision aims to help managers identify, analyze and measure potential threats to the business, while assisting in structuring appropriate responses to the identified risks, on a bimonthly basis.				
	2-14 Highest governance body's role in sustainability reporting	28				
	2-15 Conflicts of interest	38				
	2-16 Communication of critical concerns	Crucial concerns are reported to the company's highest governance body through the Internal Audit department, based on the Internal Audit Policy approved by the Board of Directors. This process aims to ensure the improvement of controls, adherence to business rules, and the strengthening of corporate governance. Internal Audit's activities include independent and objective assessments and advisory services, focusing on risks to verify the compliance of business activities with plans, principles and regulations. Internal Audit reports undergo operational validation and are presented for management and Board review. They are subsequently discussed in meetings with the audited area's management and the Internal Control and Risk Management department, focusing on the development of action plans. The results are summarized in executive reports for the Board and the Statutory Audit Committee, with regular reporting meetings to present the work, results, and implementation level of recommendations. During 2023, no crucial concerns were reported.				
	2-17 Collective knowledge of the highest governance body	28				



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GRI Standard/ Other source	Disclosure	Location	Omission			GRI Sector Standard Ref. No.
			Requirement(s) Omitted	Reason	Explanation	
GRI 2: General Disclosures 2021	2-18 Evaluation of the performance of the highest governance body	The company evaluates the performance of the highest governance body, linked to Caramuru's economic performance, reflected through ESG indicators. The formal evaluation process is currently under study for structuring.				
	2-19 Remuneration policies	28				
	2-20 Process for determining remuneration	The process for developing remuneration policies involves the formation of the positions and salaries committee and market analysis, supervised by the committee itself. Stakeholders' opinions, including shareholders, are considered through surveys and consultations. Remuneration consultants were not involved in determining remuneration.				
	2-21 Annual total compensation ratio	104				
	2-22 Statement on sustainable development strategy	6, 7				
	2-23 Policy commitments	37				
	2-24 Embedding policy commitments	37				
	2-25 Processes to remediate negative impacts	35				
	2-26 Mechanisms for seeking advice and raising concerns	37				
	2-27 Compliance with laws and regulations	In 2023 the company did not record any significant case of fines or non-monetary sanctions for non-compliance with laws and regulations. However, the total value of fines imposed was R\$ 12,784,326.94, with R\$ 7,395,496.74 effectively paid. Internally, significant fines are considered those exceeding R\$ 15,000,000, as defined by risk management for financial operations, in addition to cases involving child labor, conditions analogous to slavery, and corruption, regardless of the fine amount.				
2-28 Membership associations	18					



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GRI Standard/ Other source	Disclosure	Location	Omission			GRI Sector Standard Ref. No.
			Requirement(s) Omitted	Reason	Explanation	
	2-29 Approach to stakeholder engagement	14				
GRI 2: General Disclosures 2021	2-30 Collective bargaining agreements	99.1% of the company's workforce was covered by collective bargaining agreements in 2023. For the remaining employees, working conditions and terms of employment are defined based on collective bargaining agreements that cover these employees.				
Material Topics						
GRI 3: Material Topics 2021	3-1 Process to determine material topics	12				
	3-2 List of material topics	13				
[Climate strategy]						
GRI 3: Material Topics 2021	3-3 Management of material topics	64, 97				13.1.1/ 13.2.1/ 13.8.1
GRI 201: Economic performance 2016	GRI 201-2 Financial implications and other risks and opportunities due to climate change		Disclosure	Information unavailable	The company is in the final stages of the project to sign up to the TCFD and validate physical and transition risks.	13.2.2
GRI: Emissions 2016	GRI 305-1 Direct (Scope 1) GHG emissions	65				13.1.2
GRI: Emissions 2016	GRI 305-2 Energy indirect (Scope 2) GHG emissions	65				13.1.3
GRI: Emissions 2016	GRI 305-3 Other indirect (Scope 3) GHG emissions	66				13.1.4
GRI: Emissions 2016	GRI 305-4 GHG emissions intensity	66				13.1.5



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GRI Standard/ Other source	Disclosure	Location	Omission			GRI Sector Standard Ref. No.
			Requirement(s) Omitted	Reason	Explanation	
GRI: Emissions 2016	GRI 305-5 Reduction of GHG emissions	65				13.1.6
GRI: Emissions 2016	GRI 305-6 Emissions of ozone-depleting substances (ODS)		Disclosure	Not applicable	Emissions that are not greenhouse gas emissions are not related to the company's material topic	13.1.7
GRI: Emissions 2016	GRI 305-7 NOx, SOx, and other significant air emissions		Disclosure	Not applicable	Emissions that are not greenhouse gas emissions are not related to the company's material topic	13.1.8
GRI: Waste 2020	GRI 306-1 Waste generation and significant waste-related impacts	70				13.8.2
GRI: Waste 2020	GRI 306-2 Management of significant waste-related impacts	62				13.8.3
GRI: Waste 2020	GRI 306-3 Waste generated	71				13.8.4
GRI: Waste 2020	GRI 306-4 Waste diverted from disposal	71				13.8.5
GRI: Waste 2020	GRI 306-5 Waste directed to disposal	72				13.8.6
SASB: Fleet fuel management	SASB-FB-FR-110a.1 Fleet fuel consumed, percentage renewable	65				
SASB: Greenhouse gas emissions	SASB-FB-AG-110a.3 Fleet fuel consumed, percentage renewable	65				
[Biodiversity and ecosystems]						
GRI 3: Material Topics 2021	3-3 Management of material topics	73, 100				13.3.1/ 13.4.1



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GRI Standard/ Other source	Disclosure	Location	Omission			GRI Sector Standard Ref. No.
			Requirement(s) Omitted	Reason	Explanation	
GRI: Biodiversity 2016	304-1 Operational sites owned, leased or managed in or adjacent to protected areas and areas of high biodiversity value outside protected areas	Caramuru's operational units are located in urban areas, and do not therefore lie within or in the vicinity of environmental protection areas or biodiversity hotspots. This makes the issue not applicable to the company.				13.3.2
GRI: Biodiversity 2016	GRI 304-2 Significant impacts of activities, products, and services on biodiversity	The impacts occur mainly indirectly and result from the construction and operation of the facilities. To manage these impacts, the company follows the guidelines of the SGI 1700047 - Change Management procedure, which aims to ensure the recording, traceability and approvals of changes in infrastructure, including expansions, constructions or developments of buildings and facilities. This procedure also addresses change management to avoid conflicts and overlaps, complying with regulatory requirements. In terms of pollution, the company adopts preventive and corrective measures as necessary for each new project, seeking prior licensing from the competent environmental authority and, depending on the case, preparing an Environmental Impact Report or an Environmental Control Plan (PCA).				13.3.3
GRI: Biodiversity 2016	GRI 304-3 Habitats protected or restored	The company does not have protected or restored habitat areas, as its operations are located in urban regions, outside of environmental protection areas.				13.3.4
GRI: Biodiversity 2016	GRI 304-4 - IUCN Red List species and national conservation list species with habitats in areas affected by the organization's operations	Caramuru does not operate in natural habitat areas, and does not therefore maintain conservation lists to identify species in areas affected by its operations.				13.3.5
GRI 13: Agriculture Aquaculture and Fishing Sectors 2022	Sector Standard 13.4.2 Natural ecosystem conversion		Disclosure	Not applicable	Since Caramuru does not have its own production, the issue of the percentage of production volume on owned, leased, or managed lands defined as free from deforestation or conversion does not apply to the company.	13.4.2



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GRI Standard/ Other source	Disclosure	Location	Omission			GRI Sector Standard Ref. No.
			Requirement(s) Omitted	Reason	Explanation	
GRI 13: Agriculture Aquaculture and Fishing Sectors 2022	Sector Standard 13.4.3 Natural ecosystem conversion				For the products acquired by the organization, 100% of the volume of soy, corn, and sunflower is determined to be free from deforestation or conversion. The evaluation method used to ensure this compliance is the Sustentar Label, uniformly applied to these three products, ensuring that all acquired production meets the established sustainability criteria.	13.4.3
GRI 13: Agriculture Aquaculture and Fishing Sectors 2022	Sector Standard 13.4.4 Natural ecosystem conversion				There has been no conversion of natural ecosystems since the cut-off date on owned, leased, or managed lands, as Caramuru does not have production on owned lands.	13.4.4
GRI 13: Agriculture Aquaculture and Fishing Sectors 2022	Sector Standard 13.4.5 Natural ecosystem conversion				Since the cut-off date, we have not acquired products from suppliers in locations where natural ecosystems have been converted. Caramuru is committed to zero deforestation, as described in its Sustainability Policy and the Sustentar Protocol and Standard, where areas cleared after August 2020 for the raw materials soy, corn, and sunflower are not accepted.	13.4.5
[Water and effluent management]						
GRI 3: Material Topics 2021	3-3 Management of material topics		67, 98			13.6.1/ 13.7.1
GRI: Water and effluents 2018	GRI 303-1 Interactions with water as a shared resource		67			13.7.2
GRI: Water and effluents 2018	GRI 303-2 Management of water discharge-related impacts		68			13.7.3
GRI: Water and effluents 2018	GRI 303-3 Water withdrawal		69			13.7.4
GRI: Water and effluents 2018	GRI 303-4 Water discharge					13.7.5
GRI: Water and effluents 2018	GRI 303-5 Water consumption		69			13.7.6



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GRI Standard/ Other source	Disclosure	Location	Omission			GRI Sector Standard Ref. No.
			Requirement(s) Omitted	Reason	Explanation	
GRI 13: Agriculture Aquaculture and Fishing Sectors 2022	13.6.2 Pesticide use		Disclosure	The Company has no onsite production.	Caramuru does not have its own production, so it cannot measure or control the volume of pesticides used. Nonetheless, the company provides training on pesticide dilution for its suppliers.	13.6.2
[Product quality and safety]						
GRI 3: Material Topics 2021	3-3 Management of material topics	15, 99				13.10.1
GRI: Consumer Health and Safety 2016	GRI 416-1 Assessment of the health and safety impacts of product and service categories				The company evaluates the health and safety impacts of 97.9% of its significant product or service categories, aiming for continuous improvements.	13.10.2
GRI: Consumer Health and Safety 2016	GRI 416-2 Incidents of non-compliance concerning the health and safety impacts of products and services				In the reporting period the company recorded a total of three incidents of noncompliance with legislation concerning the health and safety impacts of our products and services. One of these cases resulted in a fine and two in warnings. There were no cases of non-compliance with voluntary codes.	13.10.3
GRI 13: Agriculture Aquaculture and Fishing Sectors 2022	Sector Standard 13.10.4 Food safety				Caramuru's operational plants located in Itumbiara, São Simão, and Ipameri (GO), Sorriso (MT), and Apucarana (PR) have 97.9% of their production volume certified to recognized food safety standards, including HACCP, GMP+, IFS, and FSSC 22000.	13.10.4
GRI 13: Agriculture Aquaculture and Fishing Sectors 2022	Sector Standard 13.10.5 Food safety				No emergency situations, incidents, or product recalls related to food safety have occurred. Nonetheless, the company conducts annual recall simulations for all its products to test the traceability system and the effectiveness of communication with customers, the certifying body, and competent authorities, as established in SGI 1700044 - Crisis Management and Emergency Response.	13.10.5



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GRI Standard/ Other source	Disclosure	Location	Omission			GRI Sector Standard Ref. No.
			Requirement(s) Omitted	Reason	Explanation	
GRI 417: Marketing and Labeling 2016	GRI 417-1 Requirements for product and service information and labeling	16				
GRI 417: Marketing and Labeling 2016	GRI 417-2 Incidents of non-compliance concerning product and service information and labeling	There were a total of four incidents of non-compliance with regulations concerning product and service information and labeling, all resulting in warnings. No cases resulted in fines or penalties, nor were there any cases related to voluntary codes.				
GRI 417: Marketing and Labeling 2016	GRI 417-3 Incidents of non-compliance concerning marketing communications	There were no recorded cases of non-compliance with laws and/or voluntary codes concerning marketing communications, including advertising, promotions and sponsorship.				
SASB: Food Safety	SASB-FB-FR-250a.2 (1) Number of recalls, (2) number of units recalled, (3) percentage of units recalled that are private-label products	No emergency situations, incidents, or product recalls related to food safety have occurred. Nonetheless, the company conducts annual recall simulations for all its products to test the traceability system and the effectiveness of communication with customers, the certifying body, and competent authorities, as established in SGI 1700044 - Crisis Management and Emergency Response.				
SASB: Food Safety	SASB-FB-AG-250a.3 (1) Number of recalls issued and (2) total amount of food product recalled	No emergency situations, incidents, or product recalls related to food safety have occurred. Nonetheless, the company conducts annual recall simulations for all its products to test the traceability system and the effectiveness of communication with customers, the certifying body, and competent authorities, as established in SGI 1700044 - Crisis Management and Emergency Response.				
SASB: Product labeling and Marketing	SASB-FB-FR-270a.1 Number of incidents of non-compliance with industry or regulatory labeling and/or marketing codes	There were a total of four incidents of non-compliance with regulations concerning product and service information and labeling, all resulting in warnings. No cases resulted in fines or penalties, nor were there any cases related to voluntary codes.				



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GRI Standard/ Other source	Disclosure	Location	Omission			GRI Sector Standard Ref. No.
			Requirement(s) Omitted	Reason	Explanation	
[Rural and social development]						
GRI 3: Material Topics 2021	3-3 Management of material topics	59, 99				13.12.1/ 13.22.1
GRI 201: Performance performance 2016	GRI 201-1 Direct economic value generated and distributed	76				13.22.2
GRI 203: Indirect economic impacts 2016	GRI 203-1 Infrastructure investments and services supported	During the reporting period, the company did not invest in infrastructure projects or services in the communities where it operates.				13.22.3
GRI 203: Indirect economic impacts 2016	GRI 203-2 Significant indirect economic impacts	The company does not map the positive or negative indirect economic impacts generated by its activities, as it considers this action not applicable to its current operations.				13.22.4
GRI 413: Local communities 2016	GRI 413-1 Operations with local community engagement, impact assessments, and development programs		Disclosure	Not applicable	Disclosure not related to the company's material topic	13.12.2
GRI 413: Local communities 2016	GRI 413-2 Operations with significant actual or potential negative impacts on local communities	The company does not have operations that exert significant negative impacts on local communities but acknowledges the potential for such impacts, including environmental pollution, reduction of biodiversity, impacts on land use, and noise pollution. Caramuru maintains control over possible negative impacts, demonstrating its commitment to managing and mitigating environmental and social risks.				13.12.3
[People Management]						
GRI 3: Material Topics 2021	3-3 Management of material topics	51, 98				13.15.1
GRI: Employment 2016	GRI 401-1 New employee hires and employee turnover	103				
GRI: Employment 2016	GRI 401-2 Benefits provided to full-time employees that are not provided to temporary or part-time employees	51				



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GRI Standard/ Other source	Disclosure	Location	Omission			GRI Sector Standard Ref. No.
			Requirement(s) Omitted	Reason	Explanation	
GRI: Employment 2016	GRI 401-3 Parental leave	104				
GRI: Training and education 2016	GRI 404-1 Average hours of training per year per employee	102				
GRI: Training and education 2016	GRI 404-2 Programs for upgrading employee skills and career transition assistance programs	The company implements skills enhancement programs for its employees, including internal training and development courses covering areas such as company operations, compliance and ethics, workplace safety, and data security. It also provides financial support for external training courses, such as language courses, postgraduate studies, and courses in partnership with educational institutions. However, the company does not offer assistance for retiring employees or those who have been terminated.				
GRI: Training and Education 2016	GRI 404-3 Percentage of employees receiving regular performance and career development reviews	53				
GRI: Diversity and equal opportunities 2016	GRI 405-1 Diversity of governance bodies and employees	105				13.15.2
GRI: Diversity and equal opportunities 2016	GRI 405-2 Ratio of basic salary and remuneration of women to men	105				13.15.3
GRI: Non-discrimination 2016	GRI 406-1 Incidents of discrimination and corrective actions taken	No cases of discrimination were reported during the evaluated period in 2023.				13.15.4



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GRI Standard/ Other source	Disclosure	Location	Omission			GRI Sector Standard Ref. No.
			Requirement(s) Omitted	Reason	Explanation	
GRI 13: Agriculture Aquaculture and Fishing Sectors 2022	GRI 13.15.5 Non-discrimination and equal opportunity	The company does not differentiate remuneration and employment contracts based on the nationality or migrant status of workers, applying the same terms and conditions to all, regardless of their origin, in all operational locations.				
[Supply chain management]						
GRI 3: Material Topics 2021	3-3 Management of material topics	40, 98				13.16.1/ 13.17.1/ 13.23.1
GRI 308: Supplier environmental assessment 2016	GRI 308-1 - New suppliers that were screened using environmental criteria	42				
GRI 308: Supplier environmental assessment 2016	GRI 308-2 - Negative environmental impacts in the supply chain and actions taken	42				
GRI: Child labor 2016	GRI 408-1 Operations and suppliers at significant risk for incidents of child labor	The company has not identified risks of child labor or the exposure of young workers to hazardous work in its operations. To mitigate potential risks, it has adopted measures such as documentation verification, monitoring and audits, declarations of zero tolerance in official documents, integration of the issue into existing policies, provision of whistleblowing channels, and specific training for employees and other workers.				13.17.2
GRI: Forced or compulsory labor 2016	GRI 409-1 Operations and suppliers at significant risk for incidents of forced or compulsory labor	The company has not identified risks of forced or compulsory labor in its operations or among its suppliers. To prevent such risks, it has implemented measures such as declarations of zero tolerance in official documents, integration of the issue into existing policies, provision of whistleblowing channels, monitoring and audits, establishment of specific policies, training for employees and other workers, and documentation checks. Specifically regarding suppliers, since the implementation of the compliance approval process, no supplier has been found to pose risks related to forced or compulsory labor.				13.16.2



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GRI Standard/ Other source	Disclosure	Location	Omission			GRI Sector Standard Ref. No.
			Requirement(s) Omitted	Reason	Explanation	
GRI 414: Supplier social assessment 2016	GRI 414-1 New suppliers that were screened using social criteria	42				
GRI 414: Supplier social assessment 2016	GRI 414-2 - Negative social impacts in the supply chain and actions taken	42				
GRI 13: Agriculture Aquaculture and Fishing Sectors 2022	Sector Standard 13.23.2 Supply chain traceability	40			For purchased products such as soybeans, corn, and sunflower, Caramuru ensures traceability to the specific point of origin, requiring detailed information about the origin, including the specific rural properties of all acquired production.	13.23.2
GRI 13: Agriculture Aquaculture and Fishing Sectors 2022	Sector Standard 13.23.3 Supply chain traceability	40			In 2023, the company reported that out of the total volume of 2,000,000 tons of soybeans purchased, 450,000 tons are certified to internationally recognized standards, representing a significant percentage of the total volume acquired. The certification that tracks the path of soybeans along the supply chain is the Proterra Certification.	13.23.3
GRI 13: Agriculture Aquaculture and Fishing Sectors 2022	Sector Standard 13.23.4 Supply chain traceability	40				13.23.4
SASB: Environmental & Social Impacts from the Supply Chain	FB-AG-430a.3 Discussion of strategy to manage environmental and social risks arising from contract growing and commodity sourcing	42				
[Employee health, safety and well-being]						
GRI 3: Material Topics 2021	3-3 Management of material topics	54, 98				13.19.1



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GRI Standard/ Other source	Disclosure	Location	Omission			GRI Sector Standard Ref. No.
			Requirement(s) Omitted	Reason	Explanation	
GRI: Occupational health and safety 2018	GRI 403-1 - Occupational health and safety management system	55				13.19.2
GRI: Occupational health and safety 2018	GRI 403-2 Hazard identification, risk assessment, and incident investigation	55				13.19.3
GRI: Occupational health and safety 2018	GRI 403-3 Occupational health services	57				13.19.4
GRI: Occupational health and safety 2018	GRI 403-4 Worker participation, consultation, and communication on occupational health and safety	54				13.19.5
GRI: Occupational health and safety 2018	GRI 403-5 Worker training on occupational health and safety	54				13.19.6
GRI: Occupational health and safety 2018	GRI 403-6 Promotion of worker health	54				13.19.7
GRI: Occupational health and safety 2018	GRI 403-7 Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	58				13.19.8
GRI: Occupational health and safety 2018	GRI 403-8 Workers covered by an occupational health and safety management system	106				13.19.9



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GRI Standard/ Other source	Disclosure	Location	Omission			GRI Sector Standard Ref. No.
			Requirement(s) Omitted	Reason	Explanation	
GRI: Occupational health and safety 2018	GRI 403-9 Work-related injuries	106	Item b	Information unavailable	Contractor working hours (MHW) are not monitored, and commuting accidents were not included in the accident rate.	13.19.10
GRI: Occupational health and safety 2018	GRI 403-10 Work-related ill health	58				13.19.11
[Energy efficiency]						
GRI 3: Material Topics 2021	3-3 Management of material topics	62, 100				
GRI: Energy 2016	GRI 302-1 Energy consumption within the organization	62				
GRI: Energy 2016	GRI 302-2 Energy consumption within the organization		Disclosure	Information unavailable	No energy is consumed outside of the company.	
GRI: Energy 2016	GRI 302-3 Energy Intensity	63				
GRI: Energy 2016	GRI 302-4 Reduction of energy consumption	62				
GRI: Energy 2016	GRI 302-5 Reductions in energy requirements of products and services	63				
SASB: Energy management	SASB FB-FR-130a.1 (1) Operational energy consumed, (2) percentage grid electricity, (3) percentage renewable	62				



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GRI Standard/ Other source	Disclosure	Location	Omission		GRI Sector Standard Ref. No.
			Requirement(s) Omitted	Reason Explanation	
[Ethics, integrity and compliance]					
GRI 3: Material Topics 2021	3-3 Management of material topics	37, 97			13.25.1/ 13.26.1
GRI: Unfair competition 2016	GRI 206-1 Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	The Company does not have any pending or concluded lawsuits related to unfair competition, antitrust or monopoly practices in the 2023 reporting period.			13.25.2
GRI: Fighting corruption 2016	GRI 205-1 Operations assessed for risks related to corruption	62			13.26.2
GRI: Fighting corruption 2016	GRI 205-2 Communication and training on anti-corruption policies and procedures	101, 102			13.26.3
GRI: Fighting corruption 2016	GRI 205-3 Confirmed incidents of corruption and actions taken	There were no cases of corruption involving the organization and/or its employees in 2023. During this period, we did not receive any reports or complaints of corruption involving employees and/or third parties associated with Caramuru.			13.26.4
GRI: Unfair competition 2016	GRI 206-1 Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	The Company does not have any pending or concluded lawsuits related to unfair competition, antitrust or monopoly practices in the 2023 reporting period.			13.25.2
SASB: Environmental & Social Impacts of the Supply Chain	SASB-FB-AG-430a.3 Discussion of strategy to manage environmental and social risks arising from contract growing and commodity sourcing	42			
[Data privacy and security]					
GRI 3: Material Topics 2021	3-3 Management of material topics	39, 99			
GRI: Customer privacy	GRI 418-1	In 2023, the company did not record any substantiated complaints related to privacy violations or loss of customer data, whether from third parties or regulatory bodies, totaling zero complaints. There were no incidents of data leaks, thefts, or losses during the period either.			
Data security	SASB-FB-FR-230a.2 Description of approach to identifying and addressing data security risks	39			



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GRI Standard/ Other source	Disclosure	Location	Omission		GRI Sector Standard Ref. No.
			Requirement(s) Omitted	Reason Explanation	
[Government and regulator relations]					
GRI 3: Material Topics 2021	3-3 Management of material topics	38, 100			13.24.1
GRI: Taxes 2019	GRI 207-1 Approach to tax	38			
GRI: Taxes 2019	GRI 207-4 Country-by-country reporting	Located in Montevideo, Uruguay, the entity Intergrain Company S.A. is reported in the consolidated financial statements and is considered a resident for tax purposes in that jurisdiction. The company, which has eight employees, specializes in sales and marketing and also imports and exports agricultural commodities and produce derived directly from its parent company, Caramuru Alimentos S.A. In FY 2023, Intergrain Company S.A. recorded intergroup transaction revenues with other tax jurisdictions amounting to R\$ 3,208,607,182.78, with profits before tax payments of R\$ 35,347,934.32. During the year, the company's tangible assets, excluding cash and cash equivalents, totaled R\$ 72,654.36, while the corporate income tax paid was R\$ 0, and the tax on profits/losses was R\$ 319,463.94.			
GRI: Public Policy 2016	GRI 415-1 Political contributions	Caramuru does not engage in political party activities and prohibits its members and third parties from making monetary or any other form of contributions to political parties, serving politicians, or candidates for political office on behalf of Caramuru.			13.26.4



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Topics from the applicable GRI Sector Standard defined as non-material

Topic	Explanation
GRI 13: Agriculture Aquaculture and Fishing Sectors 2022	
13.5 Soil health	Caramuru Alimentos' materiality assessment does not include this potential material topic from the GRI 13 Sector Supplement: Agriculture Aquaculture and Fishing Sectors 2022
13.9 Food security	Caramuru Alimentos' material topics do not include this potential material topic from the GRI 13 Sector Supplement: Agriculture Aquaculture and Fishing Sectors 2022
13.11 Animal health and welfare	Caramuru Alimentos' material topics do not include this potential material topic from the GRI 13 Sector Supplement: Agriculture Aquaculture and Fishing Sectors 2022
13.13 Land-tenure and natural resources rights	Caramuru Alimentos' material topics do not include this potential material topic from the GRI 13 Sector Supplement: Agriculture Aquaculture and Fishing Sectors 2022
13.14 Rights of indigenous peoples	Caramuru Alimentos' material topics do not include this potential material topic from the GRI 13 Sector Supplement: Agriculture Aquaculture and Fishing Sectors 2022
13.18 Freedom of association and collective bargaining	Caramuru Alimentos' material topics do not include this potential material topic from the GRI 13 Sector Supplement: Agriculture Aquaculture and Fishing Sectors 2022
13.20 Employment practices	Caramuru Alimentos' material topics do not include this potential material topic from the GRI 13 Sector Supplement: Agriculture Aquaculture and Fishing Sectors 2022
13.21 Living income and living wage	Caramuru Alimentos' material topics do not include this potential material topic from the GRI 13 Sector Supplement: Agriculture Aquaculture and Fishing Sectors 2022



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Materiality assessment

Management of material topics GRI 3-3

Topic	Impacts and measures adopted	Here are some details
Climate strategy	<p>The management of material topics related to the company's climate strategy in 2023 identified both negative and positive impacts. Potential and specific negative impacts identified included adverse weather events that could affect the planting and quality of grains, mainly soy and corn, and the lack of assessment, monitoring, and disclosure of climate risks according to the TCFD methodology. These impacts affect shareholders, investors, customers, consumers, suppliers, business partners, and local communities, both internally and externally.</p> <p>Moreover, the positive impacts were considered real and systemic, benefiting the same groups of stakeholders through strategic and regulatory improvements. Despite the company's participation in related initiatives and embedding the topic into its business strategy, there is no dedicated climate change policy – although our Sustainability Policy does include a commitment to zero deforestation.</p> <p>Measures taken to manage, prevent, mitigate and remediate impacts include defining the impact; developing strategies; resource allocation; stakeholder engagement; monitoring and evaluation; transparency and communication; continuous learning and improvement; risk analysis; training and awareness; resource efficiency, education, and training; monitoring; and reporting. The effectiveness of these measures was verified by an external audit, using the audited emissions inventory for scopes 1 and 2 as a benchmark, and they were considered extremely effective.</p>	Page 64
Ethics, integrity and compliance	<p>Caramuru identified potential and specific negative impacts, mainly on the company, in financial and reputational terms, but also on people and their human rights, the environment, and the economy. The affected stakeholders include shareholders and investors, customers and consumers, direct employees and contractors, suppliers, business partners, local communities, government, and media, both internally and externally.</p> <p>The positive impacts, which are real and systemic, reflect on the company, the environment, people and their human rights, and the economy, similarly affecting the same groups of stakeholders. Caramuru adopts policies and practices over and above legal requirements, embedding the approach into its business strategy, investing in research and innovation, providing detailed information about its approach, impacts, and progress, and allowing independent evaluations and audits.</p> <p>Measures taken to manage, prevent, mitigate and remediate impacts include defining the impact; context analysis; setting measurable goals; developing strategies; resource allocation; stakeholder engagement; implementation, monitoring, and evaluation; transparency and communication; continuous learning and improvement; risk analysis; policies and procedures; and training and awareness, among others. The effectiveness of these measures was verified through internal and external audits, impact assessments, grievance mechanisms, and external performance reviews, using specific objectives, goals, and indicators to assess progress. The measures were considered extremely effective, with the company incorporating learnings through training, certifications, and consultancy.</p>	Page 37



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Water and wastewater management	<p>We identified potential and specific negative impacts, primarily on the company, including operational, reputational, and environmental factors. Affected stakeholders include shareholders and investors, customers and consumers, direct employees and contractors, suppliers, business partners, local communities, government, regulators and the media. Positive impacts, in turn, positively affect the economy, the environment, and corporate reputation.</p> <p>Measures taken include setting measurable goals; developing strategies; monitoring and evaluation; transparency and communication; continuous learning and improvement; risk analysis; policies and procedures; and training and awareness, among others. The effectiveness of these measures was verified by an internal audit, stakeholder feedback, and benchmarking, and they were considered relatively effective. Engagement with affected stakeholders in remediating impacts included communication and consultation, providing important insights for the measures taken.</p>	Page 67
People management	<p>The company identified both positive and negative systemic impacts, primarily internal, affecting employees, related to the outcomes of people management processes. This topic is incorporated into the business strategy and addressed in internal policies and documents, as well as through training programs.</p> <p>The measures taken to manage, prevent, mitigate and remediate the impacts on people management are aligned with the company's vision, mission, and values, and are guided by the Institutional Human Resources Policy. These decisions, actions, practices, and initiatives are led by managers, supervisors and department heads. The effectiveness of these measures has not been verified. Stakeholder engagement in addressing these impacts involved cooperation to achieve common goals, highlighting the importance of synergy between people management practices and corporate values.</p>	Page 51
Employee health, safety and well-being	<p>Caramuru deals with real and systemic negative impacts on the company and its people, including potential accidents and damage to its image, primarily affecting employees, shareholders, and investors. There are also real and systemic positive impacts, such as the strengthening of the safety culture, benefiting both direct and outsourced workers, as well as shareholders and investors.</p> <p>Human Resources and the Institutional Board is responsible for addressing this issue at the leadership level. They have adopted measures such as setting measurable goals, strategizing, allocating resources and engaging stakeholders, among other actions. The effectiveness of these measures has been verified, aiming to enhance the safety culture. The company has incorporated lessons learned to improve the management of this issue, recognizing safety as a competitive advantage associated with sustainability and longevity.</p> <p>Stakeholder engagement in addressing the impacts was achieved through communication and active participation, providing support for the measures taken and informing about their effectiveness. The safety culture, as emphasized by the Conscientious Mindset Safety program, involved leadership, operational and administrative employees, and third-party partners, showing a significant improvement in safety rates and reflecting a continuous commitment to a safe and sustainable workplace.</p>	Page 54
Supply chain management	<p>We face potential and occasional negative impacts on the company, including reputational and financial issues, affecting shareholders, investors, suppliers, customers, consumers, business partners, the government, and regulators. The negative impacts extend to the environment, people and human rights, and the economy. Furthermore, the real and systemic positive impacts on the company include reputational and financial improvements, benefiting a wide range of stakeholders and also reflecting on the environment, people and human rights, and the economy.</p> <p>Under the direction of supervisors and managers responsible for areas such as compliance, procurement, logistics, and sourcing, the company has taken measures such as funding allocation, monitoring and evaluation, setting measurable goals, stakeholder engagement, and transparency in communication. The effectiveness of these measures has been confirmed through impact assessments, internal and external audits, stakeholder feedback, grievance mechanisms, external performance reviews, and benchmarking, aiming for the annual compliance approval of all active suppliers.</p>	Page 40

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Product quality and safety	<p>We identified potential negative impacts on the company, people and human rights, the environment, and the economy, which could affect Caramuru's reputation and financial status and negatively impact customers, consumers, and local communities. Moreover, the positive impacts are real and systemic, maintaining the positive image of our brands, the economy, and people.</p> <p>Under the leadership of the Human Resources and Institutional Relations Department, the company has taken measures to manage, prevent, mitigate and remediate impacts related to product quality and safety. These measures include risk analysis, policies, training and awareness, monitoring, audits, innovation and technology, and stakeholder engagement. The effectiveness of these measures was verified through internal and external audits, impact assessments, measurement systems, complaint mechanisms, external performance reviews, stakeholder feedback, and benchmarking, with specific objectives and indicators to assess progress. These measures were considered highly effective.</p> <p>The company incorporated lessons learned to improve the management of this issue, focusing on the maturity of the food safety culture, effective communication, scheduled training, positive feedback, and performance indicator monitoring, demonstrating a continuous commitment to food quality and safety. Stakeholders were engaged through communication, consultation, and cooperation, providing support for the measures taken and informing about the effectiveness of the measures. This reinforced the importance of collaboration and feedback in managing product quality and safety.</p>	Page 15
Rural and social development	<p>We identified potential negative impacts on the company, people and human rights, the environment, and the economy, which could affect Caramuru's reputation and financial status, and negatively impact customers, consumers, and local communities. These impacts extend to the environment, people and human rights, and the economy. We also identified real and systemic positive impacts that benefit our reputation, finances, and the economy, involving various internal and external stakeholders, including shareholders, investors, customers, consumers, direct workers, contractors, suppliers, business partners, local communities, government, and regulators.</p> <p>Under the leadership of the Board of Directors, with supervisors and managers responsible for compliance, supplies, logistics, and sourcing, the company implemented measures to manage, prevent, mitigate, and remediate impacts. These measures include setting measurable goals, developing strategies, engaging stakeholders, monitoring and evaluation, transparent communication, risk analysis, policies, and training, among others.</p> <p>The effectiveness of these measures was confirmed through internal and external audits, impact assessments, stakeholder feedback, complaint mechanisms, external performance reviews, and benchmarking, and these measures were considered highly effective.</p>	Page 59
Data privacy and security	<p>The topic involves risks of potential and specific negative impacts on reputation and finances, both for the company and the broader economy. To combat these risks, the company has adopted proactive measures, such as maintaining a segregated network, using antimalware software, intrusion detection systems, and conducting regular vulnerability assessments and penetration tests. Notably, the Incident Response Plan (IRP) policy includes identification, analysis, containment, eradication, recovery, and post-incident analysis, along with the Backup Policy. Regarding positive impacts, the company has adopted strategies to minimize environmental impacts, such as migrating the Data Center infrastructure to the Public Cloud, reducing software, hardware, and energy consumption.</p> <p>The effectiveness of these measures was confirmed by internal and external audits and other evaluations, aiming to raise the maturity level of information security. Implemented projects included the Security Operations Center (SOC), information security training, privileged access and identity management, computer updates, and mobile device management.</p>	Page 39



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Biodiversity and ecosystems

We identified positive impacts related to biodiversity and ecosystems, both within the company, in terms of reputation and financials, and in the environment, people, human rights, and the economy. These are real and systemic impacts, affecting internal and external stakeholders, including shareholders, investors, customers, consumers, employees (both direct and outsourced), suppliers, business partners, and local communities. The responsibility for managing this material topic is assigned to the Board of Directors, with supervisors and managers of compliance, procurement, logistics, and sourcing in charge. However, no specific measures were taken regarding the topic until 2023, and there was no stakeholder engagement due to the absence of significant impacts on biodiversity.

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Government and regulator relations

The company mapped potential negative impacts on the business, including financial and reputational aspects, which are systemic and long-term in nature, affecting various stakeholders, including shareholders, investors, customers, consumers, suppliers, business partners, government, regulators and the media. The measures taken by Caramuru to manage these impacts include periodic process reviews, tax and legal support and advisory services, and the adoption of compliance indicators and the development of action plans to address any non-compliance issues. The effectiveness of these measures is verified through internal and external audits, measurement systems, complaint mechanisms, and benchmarking, focusing on ensuring tax compliance and adherence to tax obligations

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Energy efficiency

We identified potential negative impacts of a specific nature that primarily affect shareholders and investors, and are localized within the company. In contrast, the positive impacts, such as lower energy consumption, are systemic and also affect shareholders and investors, occurring within the business environment. The Executive Board, specifically the COO, is responsible for implementing measures to manage this topic. These measures include setting measurable goals, developing strategies, engaging stakeholders, monitoring and evaluation, and adopting a recovery plan to remediate impacts, aiming at learning and future prevention. The effectiveness of these measures is verified through impact assessments, measurement systems, and benchmarking, with the goal of reducing internal electricity consumption by 5% by 2025 compared to 2021, using the indicator KWh/t. These actions are considered relatively effective, with challenges presented by the variation in production processes that impact the efficiency indicator. Stakeholder engagement occurs through communication, participation, and cooperation on the material topic, providing input for the measures taken and informing about the effectiveness of these practices.

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Ethics, integrity and compliance

Governance body members that have received communications and training on anti-corruption, broken down by region GRI 205-2

Region	Governance body members	2021		2022		2023	
		Communicated	Trained	Communicated	Trained	Communicated	Trained
CO	number	22	17	7	7	21	21
	%	100	77.27	100	100	100	100

Employees who have received communications and training on anti-corruption, broken down by region¹ GRI 205-2

Region	Employees	2022		2023	
		Communicated	Trained	Communicated	Trained
N	number	12	12	14	14
	%	100	100	100	100
CO	number	1,933	1,933	2,247	2,208
	%	92.31	92.31	99.25	97.53
SE	number	16	16	15	15
	%	100	100	93.75	93.75
S	number	138	138	136	132
	%	100	100	99.27	96.35

¹ We also trained 169 workers. We trained 2,538 out of the total number of employees and workers, or 98.33%.

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Employees who have received communications and training on anti-corruption, broken down by employee category GRI 205-2

Categories	Employees	2022		2023	
		Communicated	Trained	Communicated	Trained
Managers	number	38	37	52	52
	%	100	97.37	98.11	98.11
Supervisors/ Coordinators	number	113	113	178	178
	%	97.37	97.37	100	100
Leads	number	48	48	50	50
	%	94.12	94.12	100	100
Administrative	number	612	612	528	528
	%	95.77	95.77	99.81	99.81
Operational	number	1,280	1,280	1,595	1,552
	%	91.04	91.04	98.95	96.28
Trainee	number	9	9	9	9
	%	100	100	100	100

Business partners that have received communications and training on anti-corruption, broken down by region GRI 205-2

Business partners		2022		2023	
		Communicated	Trained	Communicated	Trained
Total	number	11,146	5,417	10,975	10,929
	%	100	48.60	100	99.58

People management

Training and development

Average hours of training per employee by gender GRI 404-1

	2022	2023
Men	32.996	67.047
Women	33.553	63.109

Average hours of training per employee by employee category GRI 404-1

	2022	2023
Managers	29.244	40.471
Coordinators/Supervisors	46.333	58.057
Leads	63.135	-
Administrative	21.559	63.851
Operational	36.101	66.519
Trainee	59.351	-



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Turnover

Turnover rate ¹ GRI 401-1

	2021			2022			2023		
	No. hired	No. terminated	Rate	No. hired	No. terminated	Rate	No. hired	No. terminated	Rate
By gender									
Men	541	538	29.54	483	449	25.72	563	431	25.59
Women	245	231	44.94	185	184	41.18	240	198	44.79
By age group									
Under 30	584	518	71.64	432	334	53.27	516	355	56.19
30 to 50	192	226	17.57	223	279	19.98	269	240	18.98
Over 50	10	25	7.66	13	20	5.79	18	34	8.25
By geography									
N	2	4	30.76	1	2	12.50	3	1	14.29
CO	765	740	34.22	658	623	30.59	793	620	31.21
SE	7	5	31.25	2	2	12.5	1	1	6.25
S	12	20	13.88	7	2	12.50	6	7	4.74
Total headcount	786	769	32.93	668	633	28.78	803	629	29.45





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Benefits

Parental leave GRI 401-3		
	2023	
Employees entitled to parental leave	men	1,942
	women	489
Employees who <u>took</u> parental leave	men	73
	women	17
Employees who <u>returned</u> to work during the reporting period after parental leave ended	men	73
	women	14
Employees that returned to work after parental leave ended that were still employed 12 months after their return to work	men	73
	women	13
Rate of return	men	100
	women	70
Retention rate	men	100
	women	100

Remuneration

Percentage increase in total annual compensation GRI 2-21 ¹	
	2023
	Amount
Highest compensation paid (in the reporting period)	626,250.25
Mean total annual compensation for all employees (except the highest paid individual)	56,100.97
Ratio	11.16

Change in annual total compensation ratio GRI 2-21		
	2022	2023
Highest compensation	654,983.72	626,250.25
Mean total annual compensation for all employees (except the highest paid individual)	54,973.48	56,100.97
Percentage increase in the highest-paid individual's compensation (%)	-4.39	
Median percentage increase in annual total compensation (%)	2.05	
Ratio of the percentage increase of the highest-paid individual to the median annual total compensation percentage increase	-2.14	

¹ The data on the total annual remuneration of employees was compiled considering the base nominal salary as of December 2023, plus Profit Sharing received (PLR) during the year.



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Diversity and inclusion

Individuals within the organization’s governance bodies, by gender (%) GRI 405-1

	2023
Men	77.78
Women	22.22
Total	100.00

Individuals within the organization’s governance bodies, by age group (%) GRI 405-1

	2023
Under 30	0.00
30 to 50	44.44
Over 50	55.56
Total	100.00

Workforce by employee category and gender (%) GRI 405-1

	2023	
	Men	Women
Managers	73.58	26.42
Coordinators	89.23	10.77
Supervisors	64.60	35.40
Administrative	51.80	48.20
Operational	89.33	10.67
Leads	100.00	0.00
Total	79.88	20.12

Employees by employee category and age group (%) GRI 405-1

	2023		
	Under 30	30 to 50	Over 50
Managers	0.00	54.72	45.28
Coordinators	6.15	69.23	24.62
Supervisors	16.81	66.37	16.81
Administrative	36.11	57.09	6.81
Operational	6.00	51.20	14.37
Leads	6.00	58.00	36.00
Total	31.88	53.89	14.23

Employees from underrepresented groups, by employee category (%) GRI 405-1

	2023	
	Black and Brown	PwDs
Managers	3.77	0.00
Coordinators	0.00	0.00
Supervisors	5.31	1.77
Administrative	5.67	1.13
Operational	11.35	1.97
Leads	-	0.00

Ratio of basic salary and remuneration of women to men, by employee category GRI 405-2

	2023	
Managers	0.88	0.90
Coordinators	0.77	0.62
Supervisors	1.02	0.98
Administrative	0.91	0.96
Operational	0.86	0.80
Leads	-	-



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Health and safety

Numbers and percentages of workers GRI 403-8							
		2021		2022		2023	
		Employees	Workers	Employees	Workers	Employees	Workers
Total number of individuals	No.	2,335	211	2,260	143	2,431	170
Individuals covered by an occupational health and safety management system based on legal requirements and/or recognized standards/guidelines	No.	2,335	211	2,260	143	2,431	170
	%	100	100	100	100	100	100
Individuals covered by such a system that has been internally audited.	No.	2,335	211	2,260	143	2,431	170
	%	100	100	100	100	100	100
Individuals covered by such a system that has been audited or certified by an external party.	No.	809	86	621	60	2,431	170
	%	34.44	40.76	27	42	100	100

Work-related injuries ^{1 2} GRI 403-9		
	2022	2023
	Employees	Employees
Number of hours worked	6,113,633	6,386,486.83
Number of fatalities as a result of work-related injuries	0	0
Rate of fatalities as a result of work-related injuries	0.00	0.00
Number of high-consequence work-related injuries (excluding fatalities)	2	2
Rate of high-consequence work-related injuries (excluding fatalities)	0.33	0.31
Number of recordable work-related injuries (including fatalities)	49	62
Rate of recordable work-related injuries (including fatalities)	8.01	9.71

¹ The types of work-related accidents that occurred in the company included falling objects, trauma injuries, falls, exposure to chemicals, burns, equipment accidents, musculoskeletal injuries, and falls from heights. There were no accidents involving workers.

² Caramuru considers non-employee workers to include statutory officers, interns, and young apprentices. Contractor working hours (MHW) are not monitored, and commuting accidents were not included in the accident rate.

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GHG inventory assurance

Verification of Greenhouse Gas 

Conformity Statement

Nº DNV-GHG-000-09

This Conformity Statement documents that the **DNV Business Assurance Avaliações e Certificações Brasil Ltda** conducted Greenhouse Gas Inventory verification in accordance with the *Verification Specifications of the Brazilian GHG Protocol Program* and the ABNT NBR ISO 14064-3:2007 standard to:

Inventory Organization	Caramuru Alimentos S.A.
Address	St. Santa Rita, Itumbiara - GO
Activity	Food production
Responsible	Thais Samuelsson
E-mail	thais@caramuru.com

The greenhouse gas (GHG) emissions reported by the Inventory Organization in its emissions inventory, from January 1st to December 31st, 2023, are verifiable and comply with the requirements of the Brazilian GHG Protocol Program, detailed in the Specifications of the Brazilian GHG Protocol Program for Accounting, Quantification and Publication of Corporate Inventories of Greenhouse Gas Emissions.



DNV 0020

Raphael Leite

Raphael Leite (R-0310) dt. 2004 (S-1) ADT


Raphael Leite

Operational Manager



DNV Business Assurance Avaliações e Certificações Brasil Ltda

Local Office: Av. Roque Petroni Júnior, 850 - Jardim das Acacias, São Paulo - SP, 04707-000

Verification of Greenhouse Gas 

Confidence Level

The Verification Body (VB) has assigned the following confidence level to the verification process:

	Verification with reasonable confidence level
<input checked="" type="checkbox"/>	Verification with limited confidence level

The inventorying organization's greenhouse gas inventory for the year 2023 is materially correct, is a fair representation of GHG data and information, and has been prepared in accordance with the EPB.

There is no evidence that the inventorying organization's greenhouse gas inventory for the year 2023 is not materially correct, is not a fair representation of GHG data and information and has not been prepared in accordance with the EPB.

Verification Scope Description


The 2023 inventory of the inventorying organization was verified within the following scope:

Organizational limits		Operational limits	
<input checked="" type="checkbox"/>	Operational control	<input checked="" type="checkbox"/>	Scope 1
		<input checked="" type="checkbox"/>	Scope 2 – location-based approach
	Partner participation		Scope 2 – market-based approach
		<input checked="" type="checkbox"/>	Scope 3


N/A The following were excluded from verification:
[[the following sources / legal entities / operational units / etc.]]

Site Visited

Installation	Address	Date of visit
Itumbiara	St. Santa Rita, Itumbiara - GO	14 and 03/15/2024
São Simão	St.. Eliezer Oliveira Guimarães – São Simão – GO.	03/12/2024
Ipameri	St. Cristiano José de Souza. Setor José Machado- Ipameri- GO	03/13/2024



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Verification of Greenhouse Gas

Total emissions verified throughout the organization – Operational Control approach

GHG emissions in tons of CO2 equivalent (tCO ₂ e)				
GHG	Scope 1	Scope 2 Location-based	Scope 2 Market-based	Scope 3 (if applicable)
CO ₂	2,978.654	3,966.903	-	4,640,587.943
CH ₄	78,076.114	-	-	5,416.868
N ₂ O	5,903.331	-	-	7,009.243
HFCs	1,153.931	-	-	-
PFCs	-	-	-	-
SF ₆	-	-	-	-
NF ₃	-	-	-	-
TOTAL	88,112.030	3,966.903	-	4,653,014.053
Biogenic CO ₂	607,765.591	-	-	1,095,334.447

Total removals verified throughout the organization – Operational Control approach


Biogenic CO ₂ Removal (tCO ₂ e)				
GEE	Scope 1	Scope 2 Location-based	Scope 2 Market-based	Scope 3 (if applicable)
Biogenic CO ₂	-	-	-	-


Other greenhouse gases not covered by the Kyoto Protocol Total emissions verified throughout the organization – Operational Control approach

GHG	tCO ₂ e emissions
-	-

Additional comments

The Caramuru Alimentos is responsible for all information provided, including boundary definitions, quantification methodologies adopted, as well as collection, analysis, and assessment of data from the Greenhouse Gas Emissions Inventory and treatments of data from the Greenhouse Gas Emissions Inventory.






Verification of Greenhouse Gas



Conflict of Interest (COI)

I, Gisele Morgado, certify that no conflict of interest exists between the Inventory Organization and the **DNV Business Assurance Avaliações e Certificações Brasil Ltda**, or any of the individuals who are members of the verification team involved in the inventory verification, as defined in chapter 3.2.1 of the Brazilian GHG Protocol Program Verification Specifications.

 <small>Thiago Mielgasse (1013397 on 2024-12-03 17:00 AOT)</small>	02/16/2024
Lead Verifier	Date

Conclusion

As responsible for the GHG inventory verification activities of the inventory organization, we certify that the information contained in this document is true.

 <small>Thiago Mielgasse (1013397 on 2024-12-03 17:00 AOT)</small>	05/09/2024
Lead Verifier	Date
 <small>Gisele Morgado (41013397 on 2024-12-03 15:30 AOT)</small>	05/10/2024
Independent Reviewer	Date

Review (if applicable)

Version:	00
Date:	05/13/2024
Justification:	Emission



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Credits

Overall coordination

Caramuru

Coordinators

Financial and Investor Relations Officer

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Chief Human Resources and Institutional Relations Officer

Margareti Scarpelini

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