



# Sustainability Report

## 2022/23 Crop



# Summary

- 03** Message from the Leaders
- 05** Highlights
- 07** About the Report
- 08** ESG Journey at BP Bunge
- 17** We are BP Bunge Bioenergia
- 19** Our business in numbers
- 20** Products and markets
- 21** Circularity and value creation
- 23** Certifications and awards
- 26** Governance Principles
- 39** Policy Commitment
- 55** Financial management and shared value
- 67** Environmental Commitment
- 76** Summary of GRI Indicators
- 82** Letter of external assurance



# Message from the Leaders

GRI: 2.22,3.3

In our journey of continuous growth, we recognize the dedication of our team, which helps move the company in the exercise of its values and collaborates so that business development strategies are put into practice. People are our greatest asset and are in the first place, so much so that, in our Board of Directors' meetings, we dedicate a quarter of the time to dealing exclusively with topics related to the more than 13,000 direct and indirect employees that make up this large team. Therefore, we cannot fail to express our sadness with a tragic event that, during the harvest, caused the loss of two employees, one of them being an employee of a third-party partner. A tragedy that deeply affected us and led us to redouble our efforts to maintain a continuous improvement of safety protocols and procedures, so that similar episodes do not happen again, as the safety and well-being of people is an absolute priority

In this sense, we have been working to consolidate a safety culture, a commitment evidenced through a Training Campaign that involved about 900 leaders in the last harvest. At **BP Bunge Bioenergia**, we believe that each individual plays a vital role in promoting a safe and healthy work environment and we actively encourage all team members to stop any unsafe activity, whether in their own work or that of their colleagues, through the Stop Work risk assessment tool.

## One year of consolidation

We are proud to share the results of **BP Bunge Bioenergia's 2022/2023 harvest**, a period that marked the company's third year of activity and the consolidation of a unique success trajectory, in which the delivery of positive indicators and good operational practices stand out, focused mainly on productivity, safety and sustainability, which led us to occupy a leading position among the main companies in the Brazilian bioenergy sector.

Among the examples of relevant achievements, it is worth mentioning the **significant growth achieved in relation to our inaugural harvest (20/21): in net revenue, for example, the increase was 30% compared to the period, while EBITDA increased by 26%**. In the midst of such a competitive scenario, such achievements could only be achieved from a union of different factors, such as strategic vision, disciplined operational and financial management and assertive execution of planned activities,

always maintaining an alignment with Our 2030 Commitments, a long-term agenda, defined in 2021, which expresses the company's plans to always evolve contributing to the sustainable development of society, especially in view of the challenges posed by the energy transition.

In fact, the topic of the transition to sustainable energy sources had its reach expanded in the period, which is quite positive, as the debates about the urgency of this shift bring great visibility to the sector. The reason for this is that, although the solution to this global challenge is not limited to a single path, but covers several possible routes, the importance of ethanol in this process is already well-known due to its proven efficiency in reducing greenhouse gas emissions.

Data from the **Sugarcane and Bioenergy Industry Union (Unica)** indicate that the use of ethanol, for example, has avoided the emission of 630 million CO<sub>2</sub> since 2003, when flex technology was launched. **At BP Bunge Bioenergia, the ethanol production already avoids the emission of approximately 1.7 million tons of CO<sub>2</sub> per year within the context of RenovaBio, one of the most relevant Brazilian decarbonization strategies. To give you an idea of this impact, it's equivalent to taking one million regular cars off the streets for an entire year.**

We have prioritized environmental sustainability in our long-term strategy, a highly debated topic closely linked to our business nature. The issue of climate change, for example, directly influences our operations, since variations in rainfall, temperature and humidity play a fundamental role in sugarcane cultivation, from planting to harvesting, and the relationship between these factors and possible production losses are constant challenges. We acknowledge the anticipation of potentially recurring periods of drought, which is based on modeling and predictions. To mitigate these risks, one of our main approaches involves enhancing irrigation techniques, such as the implementation of wastewater and vinasse for fertigation. We are also committed to investing in technologies and processes that support regenerative agriculture. Our goal is to become a leader in this field, building on our progress. In addition to preserving soil health and biodiversity, this practice



has already yielded significant benefits, including emissions reduction, decreased reliance on imported inputs, and increased productivity, among others

We are exploring more resistant and robust varieties of sugarcane, while adopting innovative farming practices, such as the use of phosphate-dissolving bacteria to improve crop nutrition. Among the results, it is worth mentioning the use of vinasse in 86% of the company's more than 300 thousand hectares – with a set goal of reaching 96% by 2025. Other initiatives, including the reduction of water consumption, the reuse of waste, the use of biogas, and various other technologies and initiatives, are detailed throughout the report.

All this makes **BP Bunge Bioenergia** a strategic agent in Brazil's energy transition scenario. A company capable of collaborating with the challenges of the country and the market, without losing sight of the preservation of the planet and the appreciation of human beings. I reiterate my thanks to each member of our team for their dedication and professionalism over the course of another harvest. And I invite you to remain together in the purpose of continuing to strengthen this path of success.

### Mario Lindenhayn - Executive Chairman and Board of Directors

Mario Lindenhayn will step down as Chairman of the Board and President of BP Bunge Bioenergia, as he has decided to retire effective January 2024. Nigel Dunn, the current Senior Vice President of Biofuels at BP, will assume the position of Chairman of the Board of BP Bunge Bioenergia starting on October 31, 2023. Geovane Consul will continue as CEO

## Where there is BP Bunge, there is sustainable development

Protecting our people is our top value and safety is a priority. At **BP Bunge**, employees are actively encouraged to interrupt activities in the presence of unsafe situations and potential risks. The company provides tools such as 'stop work' and promotes daily safety dialogues to facilitate this process, creating an environment where safety is a constant priority. Employees are also encouraged to alert and advise their co-workers when identifying such conditions, fostering a safety-conscious workplace culture. However, despite all efforts in accident protection and prevention initiatives, in December 2022, we had a tragic event that killed an employee and a service provider in our operations, we deeply sympathized with family and friends for their losses. This fact does not allow us to celebrate the results of the last harvest with the enthusiasm we would like, but it made us redouble our care and renew our commitment to ensure that everyone can return home safely every day. We will continue efforts to attain a zero accident rate for the next harvests.

We are committed to the ongoing professional development of our teams. In the last harvest, 70% of our job openings were filled through internal promotions, and 170 positions were allocated to first-time employees. There are many stories of employees who started as young leaders, or students of educational incentive programs, and today occupy technical or managerial positions. We offer opportunities for our employees to evolve in their careers within the company, and an evidence of this commitment is the recognition, for the second consecutive year, in the "Best Companies in People Management" award, in the "Valor Carreira" yearbook, of the Valor Econômico newspaper. Another highlight in our people management in this last harvest, we became part of the 'Elas Lideram 2030' movement, an initiative by the UN Global Compact, joining the collective effort to achieve a 30% representation of women in leadership roles by 2025.

We have reached our third harvest with significant results. As one of the largest sugarcane processors in the world, **BP Bunge Bioenergia** has been using agricultural practices and field management solutions that increase productivity and minimize negative impacts on the environment. In operational terms, supported by the commitment of our people and our strategic planning, in the last harvest we produced 1.3 million tons of sugar, 1.2 billion liters of ethanol, 1,000 GWh of energy, and we achieved a 8% increase in sugarcane milling compared to the previous harvest.

Increasingly, we recognize the relevance of the ESG Agenda for the achievement of our economic results, for the conservation of the environment and for social performance. We are committed to the global challenge of combating climate change, assuming our relevant role in the energy transition. We adopt regenerative practices in agriculture, promoting the efficient use of natural resources and investing in new technologies. In addition, we play a fundamental role in the diversification of energy matrix, since we explore renewable sources and produce energy from sugarcane bagasse.

We are privileged to be able to lead a low-carbon business, where circularity plays a significant role throughout the chain. Sugar cane, the basis of our production, is a renewable crop and absorbs carbon dioxide from the atmosphere, during its growth. Ethanol, as is well known, emits less pollutants than fossil fuels, while the by-products of our industry, such as bagasse, are used to generate clean energy, while filter cake and vinasse are reapplied in the field. Our commitment is to further improve this virtuous cycle of sugarcane, integrating more technology and sustainability.

The bioenergy sector is undergoing a relevant transformation, as well as agribusiness, which, today in Brazil, stands out for its highly technological structure and the adoption of avant-garde techniques on different fronts, such as the replacement of the use of chemical inputs by biological ones in crops, for example, a race led by Brazilian agriculture and in which **BP Bunge** occupies a prominent position, as we are a pioneer in regenerative agriculture in the country, which is one of the prominent pillars of this report and our ESG strategy since the beginning of the company's operations.

Our agricultural areas are involved in a series of actions that include increasing the use of bioinputs, organic materials and Pre-sprouted Seedlings (MPB) in plantations. These actions serve as alternatives to reduce the application of chemical pesticides, intensify biological control and promote the rational use of irrigation. A significant result, to be highlighted in 22/23 is the replacement of nitrogen fertilizers by biological fertilizers in 100% of the planting area and 40% in the ratoon areas. This transition not only enhances soil health and fertility but also contributes to a significant reduction in environmental impact.

We believe that regenerative agriculture needs to happen at scale, and, as experienced leaders in the use of biological inputs, we are sharing our learnings and technologies with our production chain, encouraging our raw material suppliers to increasingly adopt biological and regenerative management in the cultivation of sugarcane, thus contributing to an increasingly sustainable sector.

We also have projects to conserve biodiversity and to fight fires in sugarcane fields, preserving air quality, biodiversity, the safety of workers and communities, not to mention the protection of springs. To control risks and minimize impacts related to this topic, we have a fire prevention and firefighting program that will receive, by 2024, investments of BRL 30 million. Since 2021, the program has already generated an average reduction of 52% of burned areas per hectare and 50% of the number of fires in areas close to the group's 11 plants.

Another great learning from the pain we had at the end of the last harvest we were notified of something that we do not accept and do not tolerate: irregular practices involving workers from one of our suppliers in Goiás. We seek to bring development to the communities where we operate and always meet all the necessary requirements to combat this inhumane practice. We immediately reviewed our processes and absorbed the manual activities of our operations, eliminating this activity from outsourced operations.

Our commitment to sustainable growth also involves the development of the regions in which we operate, with a positive impact on different aspects: economic, social, environmental, and more. We have a relevant role in more than 40 communities in the center-south regions of the country, where we are recognized among the main job creators, in addition to being a serious, reliable and strategic business partner.

We are convinced that our vision of sustainable development is aligned with the interests of the country. We work closely with governments, academic institutions and other sectors of society to promote public policies favorable to the sugar-energy sector, encourage technological innovation and contribute to the construction of a low carbon economy. Brazil can lead green, regenerative agriculture and we are part of this long-term commitment.

We share below our strategies and results of the last harvest, which should gain even more strength in the coming ones, confident that together we can face the challenges of the energy transition and build a more sustainable world for present and future generations. Enjoy your reading!

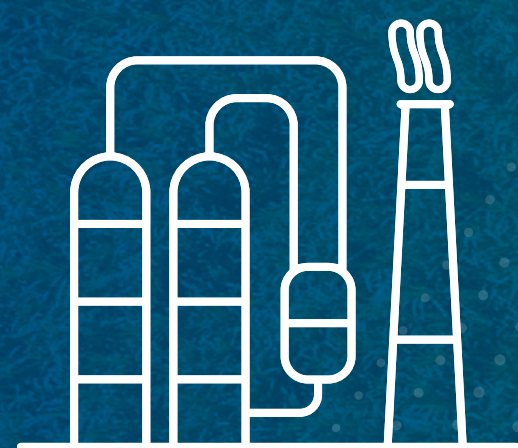
### Geovane Consul- CEO



# Highlights

GRI: 201.1

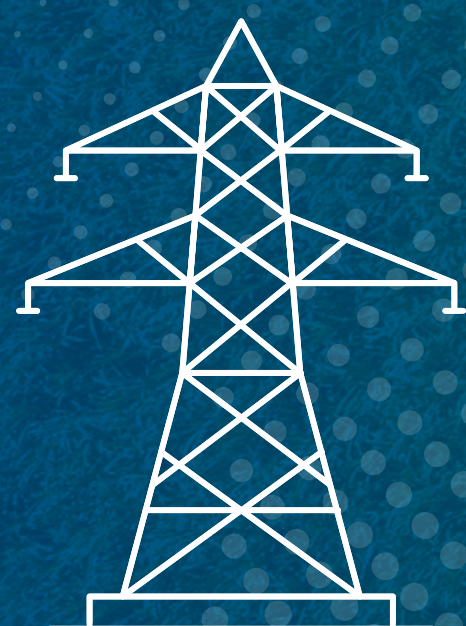
## Performance



**Crushing of 25.3 million tons**  
(+7.7% versus last harvest)

Uptime industrial **95%**

**1.3 million tons**  
of sugar



**1 thousand GWh**  
cogenerated energy



Ethanol production:  
**1.2 billion liters**

Net revenues: **BRL 7.9 billion**  
**30% growth** in 3 years



EBITDA BRL  
**3.9 billion** At a rate of  
**26%** in 3 years

Total gross profit was BRL  
**1.7 billion**

## Human Resource



**8.5** thousand employees

**+ 70%** of vacancies filled via internal recruitment



Nearly **20%** of women in leadership

**291,169 - Hours** of training, including: leadership training, coaching, mentoring and 180° and 360° evaluations



**3rd place** 2022 Career Value Award

# Highlights

GRI: 201.1

## Environment



Destination of **99.9% waste\*** properly disposed

Replacement of **100% nitrogen** fertilizers at planting by 2025



**Green Energy Seal** - Unica



Planting of more than **600 thousand seedlings** of native species in 3 years.

in the last 3 years, **8% drop** in the volume of water intake

\* It includes industrial process residues (cake, soot, and bagasse)

## Communities

**BRL 2.4 million** allocated to socio-environmental projects for 2022 and 2023

Approximately **24,000 people benefited** from social projects in **5 Brazilian states**



**100% suppliers** hired according to social criteria Corporate

Volunteering in the **11 units** with more than **80 employees**

## Governance

**Zero non-conformities** in external audits

**100% of employees** and management trained on ethics and compliance



**Ethos Integrity Adherence**

# About the Report

GRI: 2.1, 2.2, 2.3, 2.5, 2.14

For the third consecutive year, we present our Sustainability Report, referring to the 2022/2023 harvest (April 1, 2022 to March 31, 2023).

Published annually, the report highlights the main financial and non-financial results of our business, our assumptions, the Company's profile, strategic direction, our commitments and advances in the continuous construction of the ESG Journey, detailed in the agendaOur 2030 Commitments, composed of 12 material topics, which guide the continuous integration of Social, Environmental and Governance aspects to our strategic business management and are also the drivers of the content of this report, prepared in accordance with the guidelines of the Global Reporting Initiative (GRI), in its 2021 version, in the "with reference" option. Information on GRI indicators is indicated under each chapter and detailed at the end of this report.

Our commitments and initiatives are monitored with the support of indicators and controls. The results are consolidated each harvest and disclosed through this Sustainability Report. The principles of the Sustainable Development Goals (SDGs) are also considered in the management of our Material Issues, as well as the 10 Principles of the United Nations Global Compact, to which we are signatories.

**BP Bunge's Annual Sustainability Report** was prepared and reviewed by the Shareholders and the Board of Directors, who approve its disclosure. In addition, this Report was submitted to external verification, conducted by a multidisciplinary team of BVQI – Bureau Veritas, including verifiers with competence in the environmental, social and corporate governance areas. The scope of this verification covered the standards and Principles of the Global Reporting Initiative 2021, through interviews with those responsible for the material topics, including senior leadership, analysis of evidence and evaluation of the system used to determine the material aspects included in the Report.

**More information about this document can be obtained by contacting the Sustainability area by email:**

**[relatoriosustentabilidade@bpbungebio.com.br](mailto:relatoriosustentabilidade@bpbungebio.com.br)**

**BP Bunge Bioenergia São Paulo – Brazil  
São Paulo, November 2023**



# ESG Journey at BP Bunge

GRI: 3.1, 3.2, 3.3, 2.4, 2.23

## Sustainability across the business

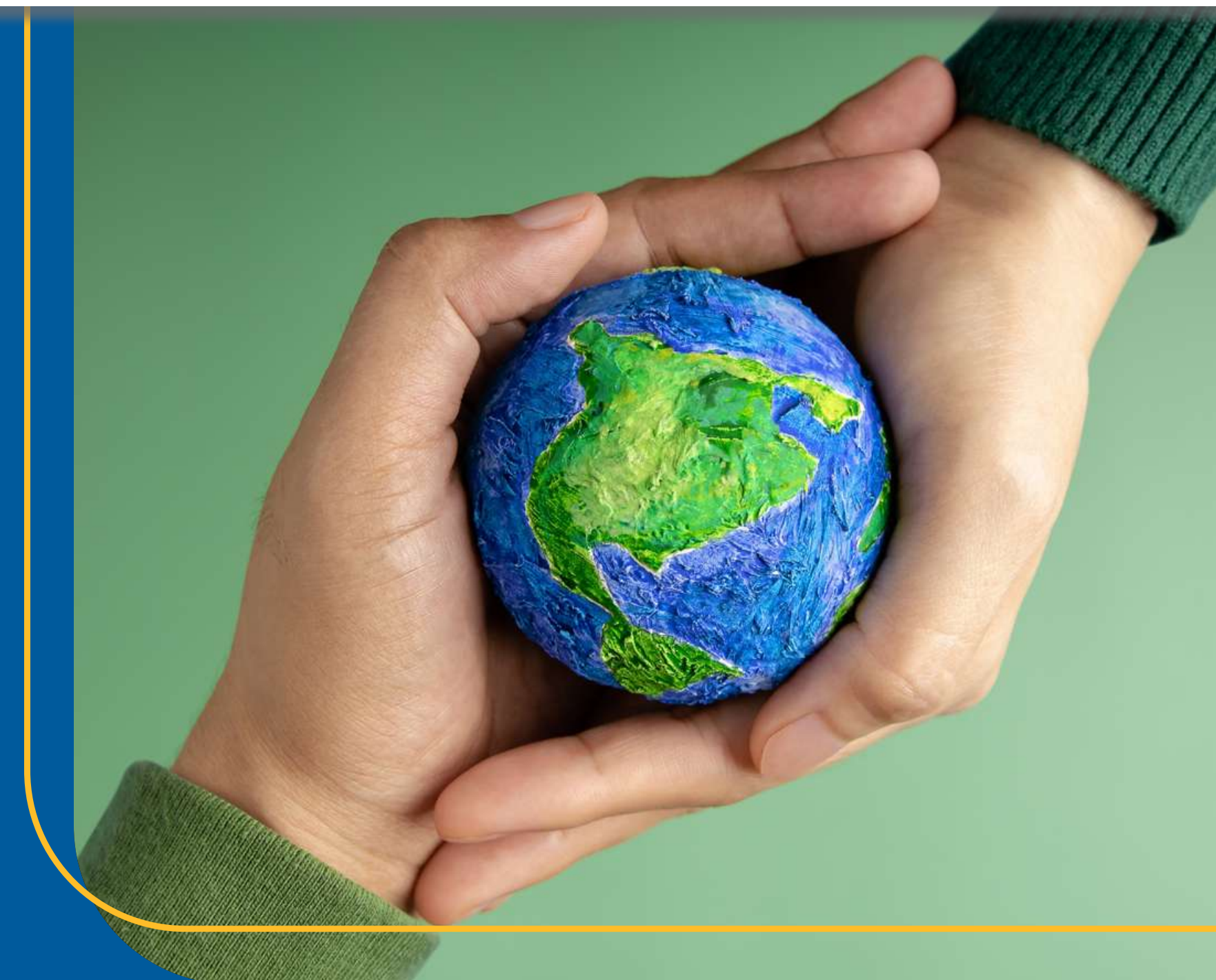
As one of the largest Brazilian bioenergy companies, we have the privilege and responsibility to collaborate with the country's challenges in the energy transition scenario, and we have fulfilled this role always keeping on the horizon the commitment to sustainability, since this is an issue closely connected with the nature of our business. In our activities, we explore the circularity potential of sugarcane, contributing to the reduction of carbon emissions, energy security and economic and social development in the regions where we have a presence.

In this sense, the "Our 2030 Commitments" agenda, released in 2021, presents our goals for the first 10 years of the company's operation, structuring, in line with the business strategy and the UN Sustainable Development Goals (SDGs), the challenges and opportunities in our business ecosystem under the Social, Environmental and Governance pillars subdivided into 12 themes and 15 goals.

## Materiality

Our priority material topics were defined in a process conducted by an internal group (composed of members from various areas of the company), with the support of external consultancy, between 2020 and 2021. In this process, we considered the company's level of maturity, consulted references from various segments and carried out a multistakeholder consultation, involving about 90 participants, including employees, suppliers, business partners, the financial sector, associations, academia, among others, to ensure that sustainability is present, intrinsically, in all our activities and initiatives. We understand that the strategic sustainability agenda must be integrated into the business, have a long-term vision and include our multistakeholder vision, integrating ESG criteria, in line with our Principles, Mission, Vision and Values.

Over the past two years, the 12 material themes of Our 2030 Commitments have directed our priority efforts, and, through the monitoring of established indicators and goals, we have been able, annually, to better assess our impacts, measure progress, recognize points for improvement, readjust routes when necessary and, increasingly, insert these aspects into our decision-making, corporate culture and the way we relate to all our audiences.



## We are part of the United Nations Global Compact

The 10 principles of the UN Global Compact aim to engage and mobilize the business community in the adoption and promotion of accepted principles in the areas of human rights, labor, environment and anti-corruption, in addition to accelerating the fulfillment of the 2030 Agenda and the SDGs.

Joining the initiative at the beginning of its activities publicly demonstrates **BP Bunge's** commitment to contributing to topics relevant to society, the environment and the collective business environment, especially as an important player in the bioenergy sector, whose challenges are shared worldwide.



Entering the third year of managing these topics, we have already managed to achieve most of the established goals, so we are drawing up plans to achieve more ambitious objectives, this time incorporating the management of the impacts pertinent to our activities, following the new directions of the GRI, as described in the following table:






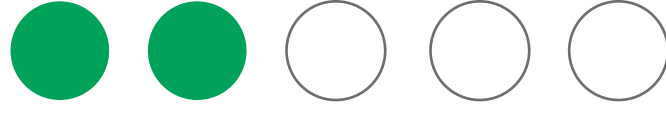




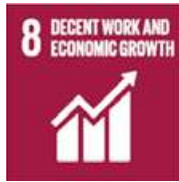
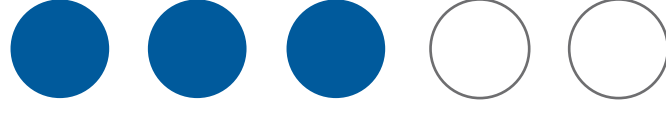







Social

Material Theme   Principal Impacts	GRI Indicator	Commitment	ODS	Progress
<b>Health and safety</b> Work accidents Deaths	402-1, 403-1, 403-2, 403-3, 403-5, 403-6, 403-7, 403-8, 403-9 and 403-10	Reach an accident rate with accident leave equals to "zero"	8 DECENT WORK AND ECONOMIC GROWTH	● ● ● ○ ○
<b>Development of local communities</b> Socio-environmental development Supporting different communities during the COVID 19 pandemic Promotion of culture, sport and education. Volunteering for human development	308.1, 308.2, 413-1 and 413-2	Reach <b>25%</b> of the volume of local purchases, promoting strategic partnerships and the qualification of suppliers in the areas of activity	10 REDUCED INEQUALITIES	● ● ● ● ●
<b>Relationship with raw material suppliers</b> Manual activities in the field with margin for the occurrence of work similar to slavery in the production chain	414-1 and 414-2	Influence the development of communities and land partners by encouraging adherence to ESG practices through the company's supplier program	2 ZERO HUNGER, 12 RESPONSIBLE CONSUMPTION AND PRODUCTION	● ● ● ○ ○
<b>Human Capital</b> Employee turnover Shortage of qualified professionals	401-1, 401-2, 401-3, 404-1, 402-2 and 404-3	Be a reference for employer companies and people management	8 DECENT WORK AND ECONOMIC GROWTH	● ● ● ○ ○

# Environmental

# Governance

<b>Climate Changes</b> GHG emission Emission of particulate matter Fires	305.1, 305.2, 305.3, 305.4, 305.5, 305.6 and 305.7	Reduce greenhouse gas emissions in ethanol production by <b>10%</b>  Reduce the use of diesel by <b>10%</b> in sugarcane harvesting and transshipment operations under the company's management		
<b>Circular Economy and Waste management</b> Residue Generation	306-1, 306-2, 306-3, 306-4 and 306-5	Achieve > <b>90%</b> reuse and/or recycling of non-hazardous waste		
<b>Biodiversity management</b> Increased soil health	304.1, 304.2, 304.3	Plant <b>2.3 million</b> seedlings of native species		
<b>Energetic resources management</b> Most renewable Brazilian energy matrix	302.2, 302.2, 302.3, 302.4 and 302.5	Increase energy efficiency by <b>10%</b>  Increase energy production (MWh) by <b>10%</b>		
<b>Water resources management</b> Reduced consumption of industrial water in plants	303.1, 303.2, 303.3, 303.4 and 303.5	Reduce industrial use water collected by <b>10%</b>		
<b>Economic performance</b> Generation of value for stakeholders	203-1, 203-2, 207-1 and 207-2	Ensure the <b>creation and distribution of value in a sustainable</b> manner for shareholders, employees, suppliers, communities and other stakeholders		
<b>Agricultural and industrial operational excellence</b> Agricultural and industrial operational excellence	203-1 and 203-2	Reach the <b>1st quartile</b> of the market in TRS/ha  Reach the <b>1st quartile</b> of the market in RTC (mill yield)		
<b>Governance and Compliance</b> Transparency towards stakeholders	205-1, 205-2, 205-3 and 206-1	Be recognized as a reference in corporate governance and ethics	 	



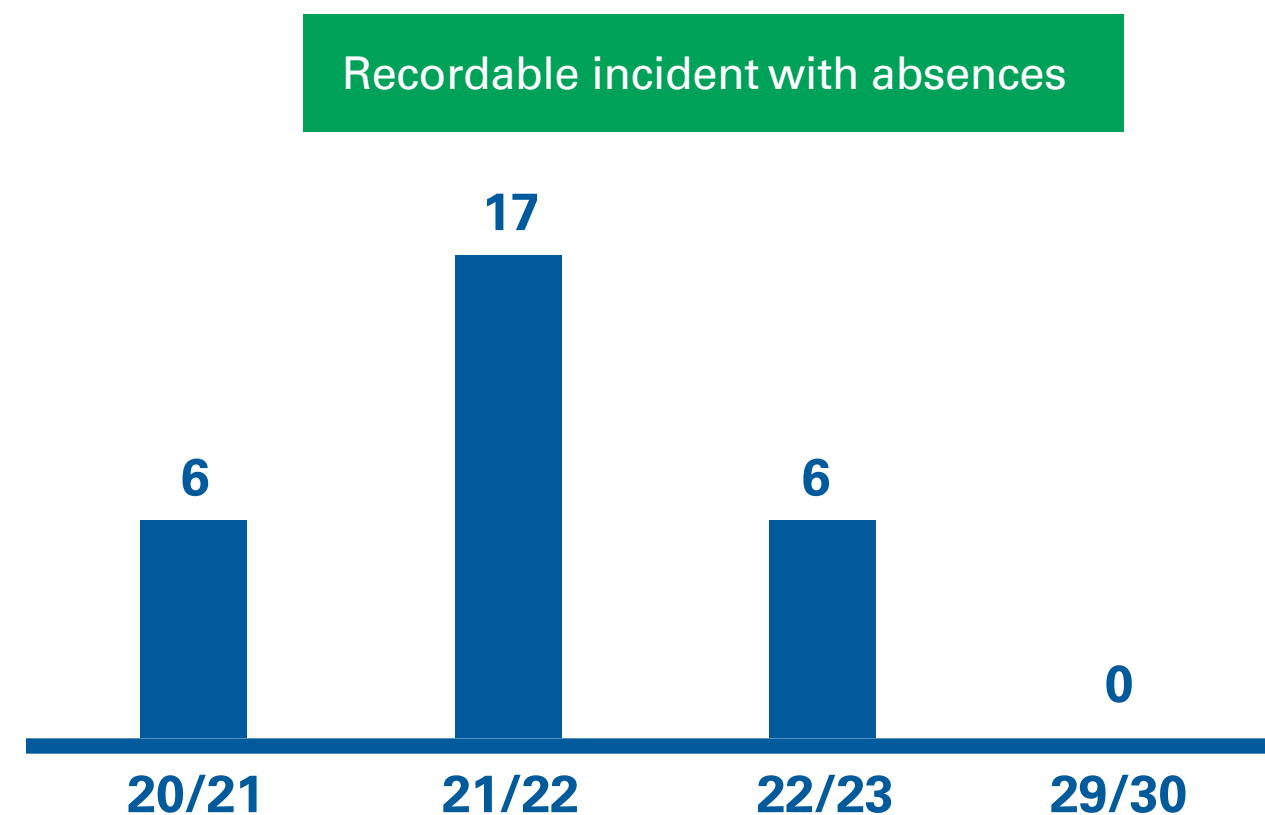
# Agenda highlights

GRI: 204.1, 403.9

## Safety

We take care of the health and safety of our people and go further. This is a vital and non-negotiable value for the company, which encourages employees to stop performing any activity in this section of the report places special emphasis on our progress regarding recordable incidents with absences, underscoring our ongoing commitment to the pursuit of our ultimate goal: zero accidents.

For more comprehensive details on our safety initiatives, please refer to the dedicated safety section.

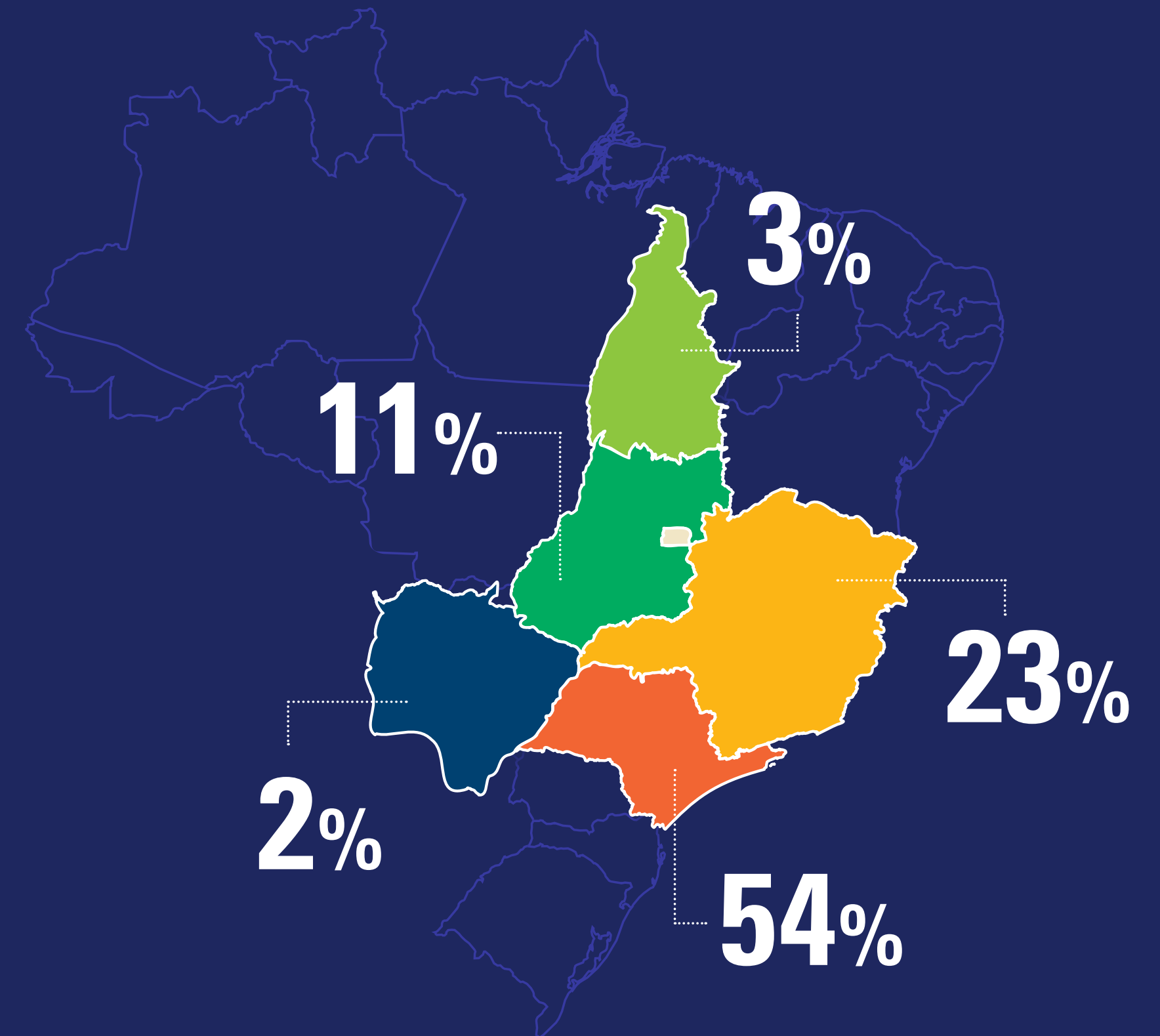


## Community Development

We understand that the local purchasing indicator, despite representing an important lever for the economic development of the communities where we operate, is not the only one, and therefore, we will propose the revision of this goal in the update of our commitments.

Here are our purchases in each state where we operate, presented as a percentage of total purchases.

Proportion of investment in local suppliers (22/23 harvest)



# Agenda highlights

GRI: 2.29, 404.1

## Relationship with Suppliers

We understand that the long-term relationship with our **1,360 suppliers** is one of the key factors of the company's business strategy, so it represents two of the material topics of the Our 2030 Commitments agenda.

The business relationship processes with suppliers are divided into two categories at BP Bunge: **suppliers of materials and services and suppliers of sugarcane, we have established**, in both cases, relationships that contribute to the mutual overcoming of challenges and favor the development of our partners.



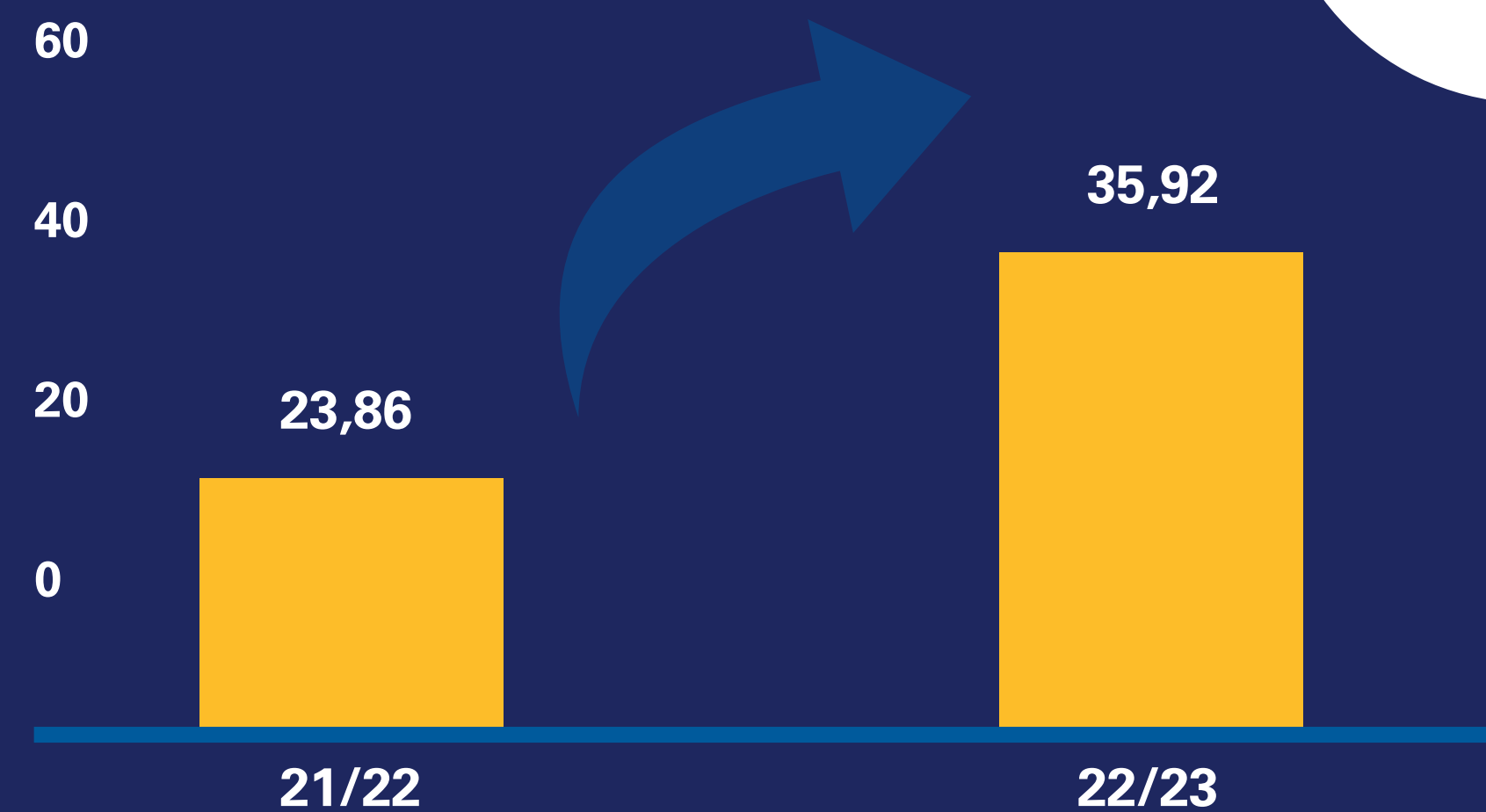
About 200 suppliers are part of the **Allia Program**, aimed at sharing knowledge, technologies and best practices, in addition to optimizing production costs, increasing productivity and sustainable growth in business and operation.

## Human Capital

BP Bunge continues to seek to be a reference in human resource management, adopting best practices for attracting and retaining its talents. The human resource section highlight details about the programs and volume of training that in this season increased by **50%**.



**50%**  
increase in the number of training hours per employee.



# Agenda highlights

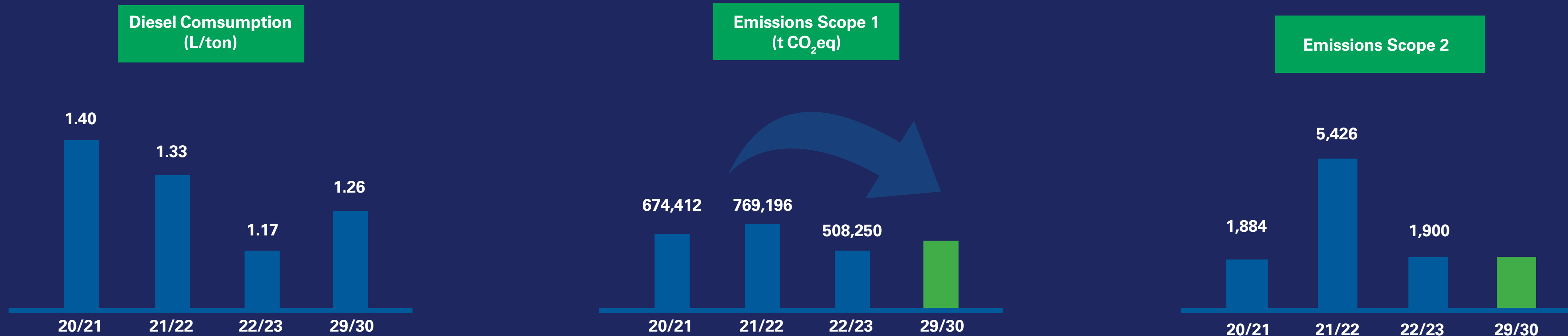
GRI: 302.2, 305.1, 305.2

## Climate Change

We had important reductions in diesel and nitrogen consumption in agricultural activities. We understand that the results of this year's inventory indicate an important trend of emission reduction and that there are non-controllable external aspects, such as the climate, that may interfere with the total volume.

However, we remain committed to systematically reducing the emissions of our operations and we believe that the initiatives carried out, and presented here, are in line with this purpose.

In the 21/22 harvest, climatic adversities, as well as interruptions in the milling of some units, significantly increased our scope 2 emissions, which reflect the indirect emissions resulting from the consumption of electricity, heat or steam acquired by the organization. However, in this 2022 harvest, we present values more comparable to normal conditions, although we recognize that there are opportunities to reduce even more, through, for example, our energy efficiency and process optimization initiatives.



Diesel consumption and our emissions target of scope 1 and 2 is under revision to better reflect our efforts on this area.

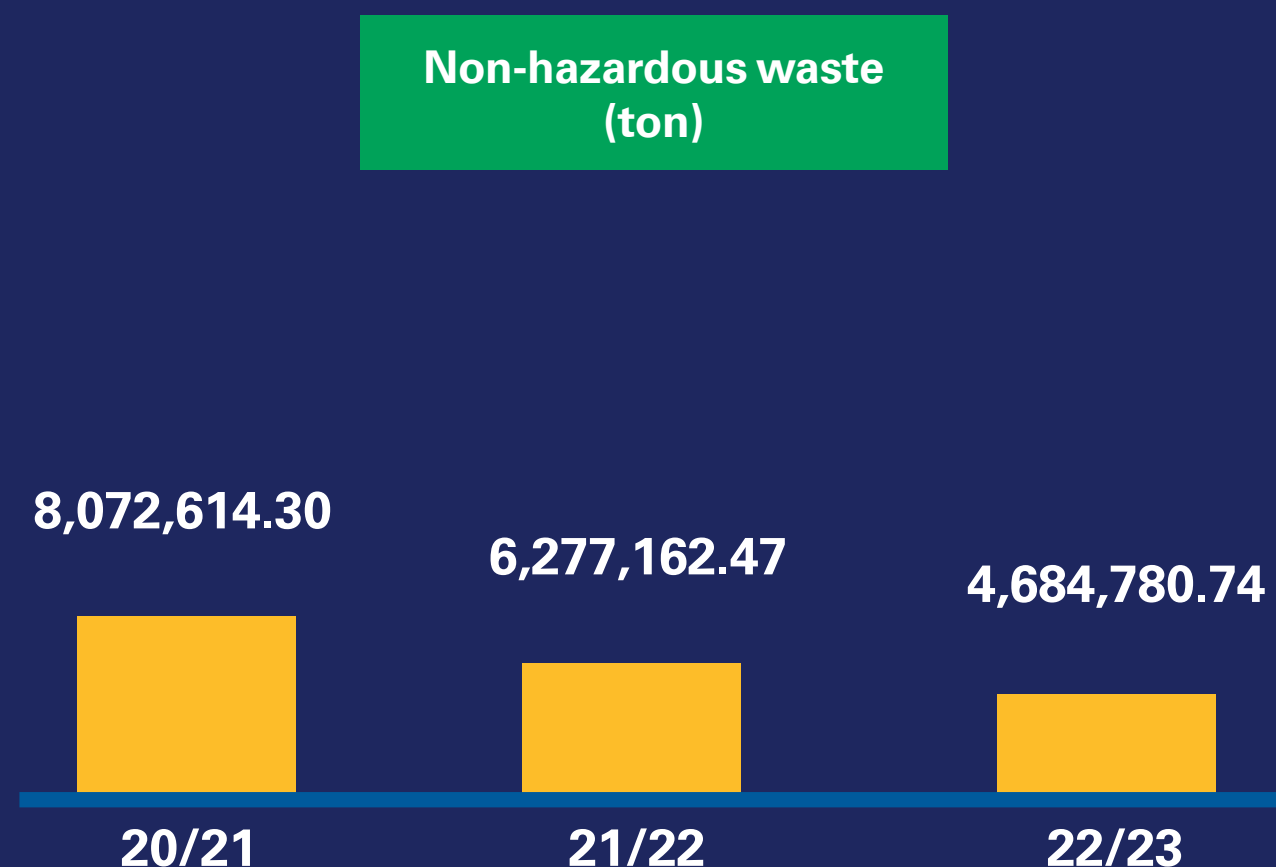


# Agenda highlights

GRI: 302.1, 304.2, 306.4

## Residues

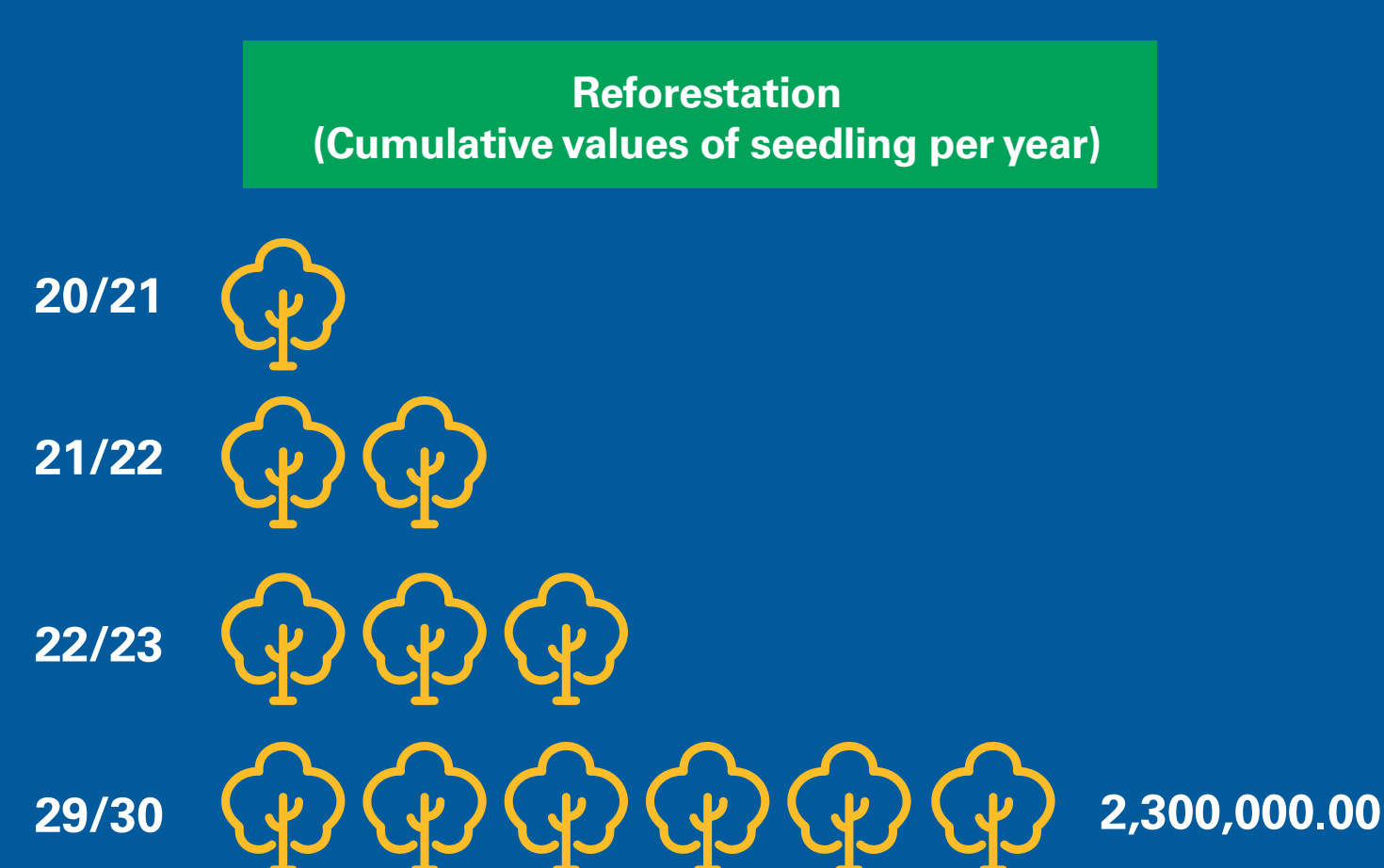
**In the 22/23 harvest, we successfully minimized waste, with less than 1% of non-hazardous waste being sent to final disposal.** This reflects our commitment to efficient waste management, including the reuse and recycling of waste materials. Our goal is to maximize reuse and recycling to minimize environmental impact, and the small percentage not sent to final disposal highlights our ongoing efforts in this area. It is still possible to reassess this indicator in the process of reviewing its commitments.



## Biodiversity

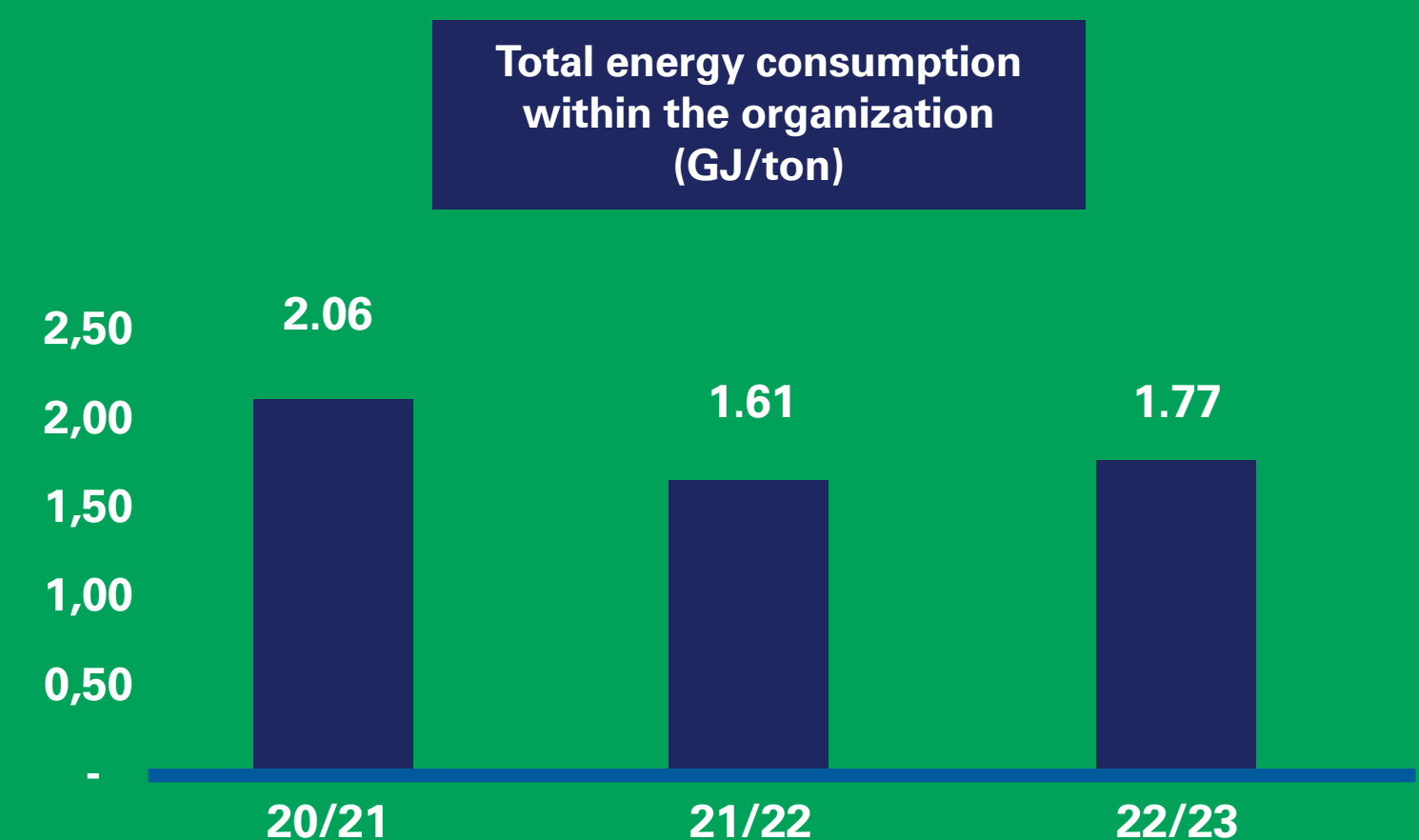
In this harvest we planted 177,455 seedlings of native species and, with this, we advanced our goal of cultivating 2.3 million seedlings by 2030. Most of these plants were produced in our nursery in Ituiutaba/MG, which has an annual production capacity of 200,000 seedlings of more than 100 species.

**We remain committed to this demand and recognize that we can contribute even more to biodiversity management.** In this sense, we will bring a review of this goal in the next update of our commitments. The majority of this planting is dedicated to areas of permanent preservation, legal reserves, and is also donated to the communities in which we operate and our agricultural land partners.



## Energy Resource Management

Over the past three harvests, considering the total energy consumption within our organization per ton of crushed cane in each harvest, we have witnessed 14% improvement in our energy efficiency indicator. While we have already achieved the established goal, our belief is that BP Bunge can continue to make strides in this regard. Consequently, we plan to review our commitments and set even more ambitious targets in our ongoing pursuit of enhanced energy efficiency. Furthermore, we will persist in implementing new initiatives and strategies to further improve our energy efficiency.



# Agenda highlights

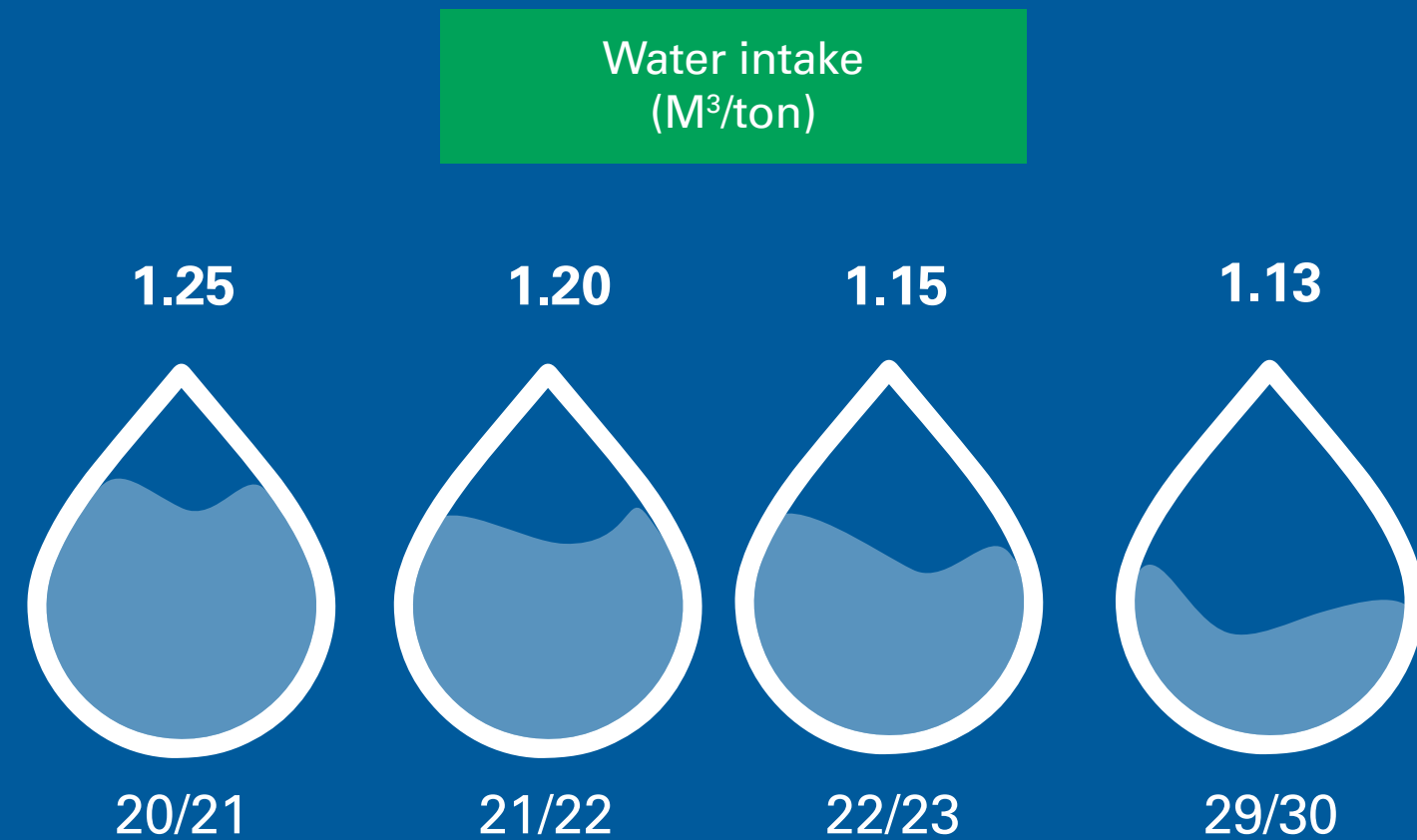
GRI: 203.2, 303.3

## Water Resource Management

The 22/23 harvest confirmed the trend of reduction in the volume of water collected in our industrial operations.

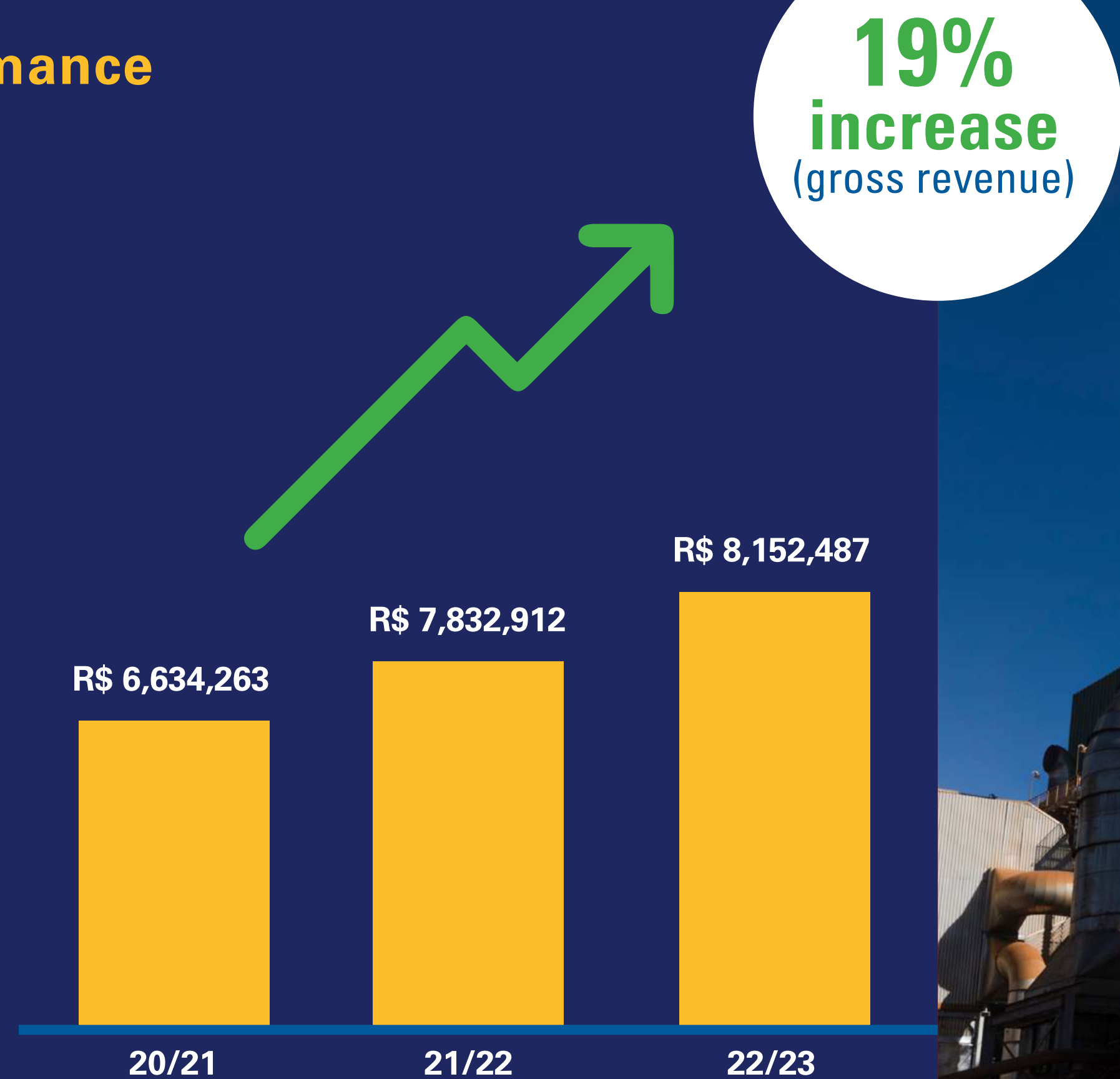
**In the last 3 years we have reduced our consumption by 8%, which puts us very close to the 10% target established in Our Commitments.**

We continue to focus on process improvement to identify water efficiency opportunities and constantly evaluate new technologies available for more efficient processing in this regard.



## Economic Performance

**During the 2022/2023 harvest, BP Bunge maintained the financial solidity that marks the company's trajectory since the beginning of its operations,** despite evidence of a decline in certain economic indicators detailed in the financial section. We attribute this positive result to our disciplined management, in addition to the cohesive strategy that unites agricultural, industrial and financial performance. We remain committed to ensuring the company's robustness in this regard, thus strengthening our role in the sustainable development of the communities in which we operate and in improving the quality of life of our employees.



# Agenda highlights

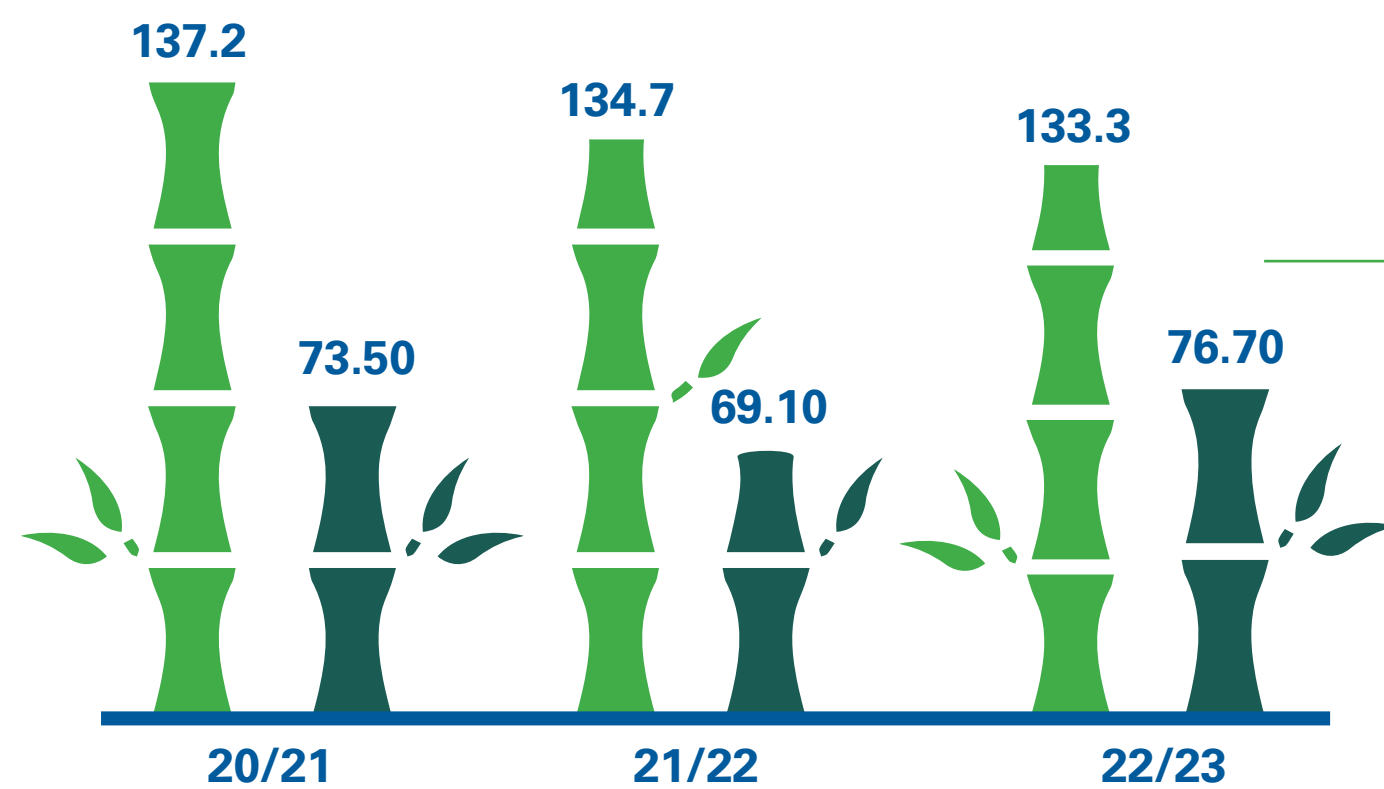
GRI: 203.2

## Operational Excellence

BP Bunge is dedicated to achieving excellence in its agricultural and industrial operations. We firmly believe that the efficient utilization of fertilizers and the careful management of sugarcane crops and sustainable soil practices are essential components for setting high standards of agricultural performance. In the industrial sector, our commitment to excellence is demonstrated by the percentages of RTC(mill yield) achieved, which serves as an indicator we strive to maintain and become a benchmark for achieving outstanding results.



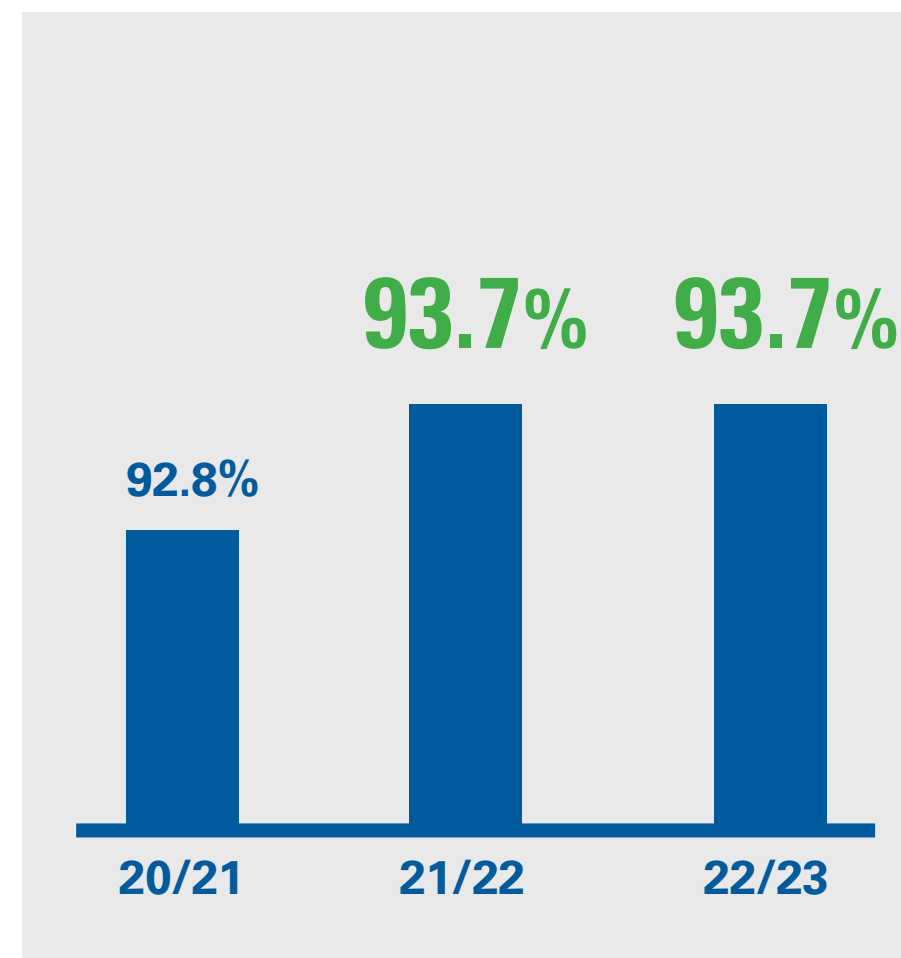
### Agriculture Performance



**4% TSH/ha**  
(ton. sugarcane per hectare)  
gain in three years

■ TRS/ha (Total Recoverable Sugars per hectare) ■ TSY/ha (total sugarcane yield)

### RTC (mill yield)



## Governance

**We remain committed to establishing and promoting robust corporate governance.**

We understand this as an essential factor to ensure transparent, ethical and aligned decision-making with the interests of all stakeholders. In addition, the construction of an organizational culture based on ethical and solid values paves the way for us to lead in this area. The governance session of this report brings important progress and this matter will be reviewed in the next edition of our commitments.





# We are BP Bunge Bioenergia

GRI: 2.1

We are **BP Bunge Bioenergia**, one of the Brazilian leaders in the ethanol, bioelectricity and sugar markets.

We were born in 2019, from the union of the BP and Bunge businesses in the country, with the purpose of generating sustainable energy to improve life in its broadest aspects.

Incorporated as a privately held corporation, the company has its administrative headquarters in the capital of São Paulo and has **11 agro-industrial units**, installed in five Brazilian states (Goiás, São Paulo, Minas Gerais, Tocantins and Mato Grosso do Sul) that impact, in practice, 40 direct municipalities and 70 communities. Altogether, there are **more than 13 thousand jobs generated throughout the country, of which 8,500 are direct employees and 4,500 are outsourced.**

This robust structure has the capacity, each harvest, to crush **32.4** million tons of sugarcane, and produce **1.7** billion liters/year of ethanol, **1.7** million tons of sugar, in addition to the generation of **1,400** GWh/year of bioenergy.

We operate in the entire sugarcane production process, from cultivation to the sale of biofuel, bioelectricity and sugar, always investing in practices, resources and processes that allow us to expand the sustainability of our operations.

Our focus on sustainable actions has even contributed to strengthening the business and our positioning in the market. We are a reference in regenerative agriculture due to the sustainable field management solutions we develop, which contribute to improving soil health and increasing biodiversity.

In addition, we are part of the United Nations (UN) Global Compact and, since 2020, we have defined the agenda of "Our 2030 Commitments" which, in line with the UN Sustainable Development Goals, guides the company's trajectory towards an increasingly sustainable performance.

**We work committed to the safety and appreciation of people.** In human resource management, we value aspects such as respect, the construction of a collaborative work environment, the development and training of our employees, in addition to valuing diversity.

# OUR *values*

## Our Purpose

Produce sustainable energy that improves life

## Our Vision

To be the world reference in sustainable energy.

## Our Mission

We cultivate the sustainable energy that moves the world.



### Safety | Safety is our highest priority

We care for each other (employees, suppliers, partners, and communities) – We don't put results ahead of safety – We know and manage our risks – Our goal is for everyone to return to their families safely.



### Integrity | We honor and fulfill our commitments

Integrity is the basis of everything we do – We comply with the law, we are ethical and fair – We do what is right.



### Respect

We respect the world where we operate (people, opinions, diversity, communities, the environment and the public with whom we relate) – We are open to differences in opinions.



### One Team | We have a common purpose

We collaborate with each other – We celebrate our achievements and learn together – We believe that everyone's success is more relevant than individual success.



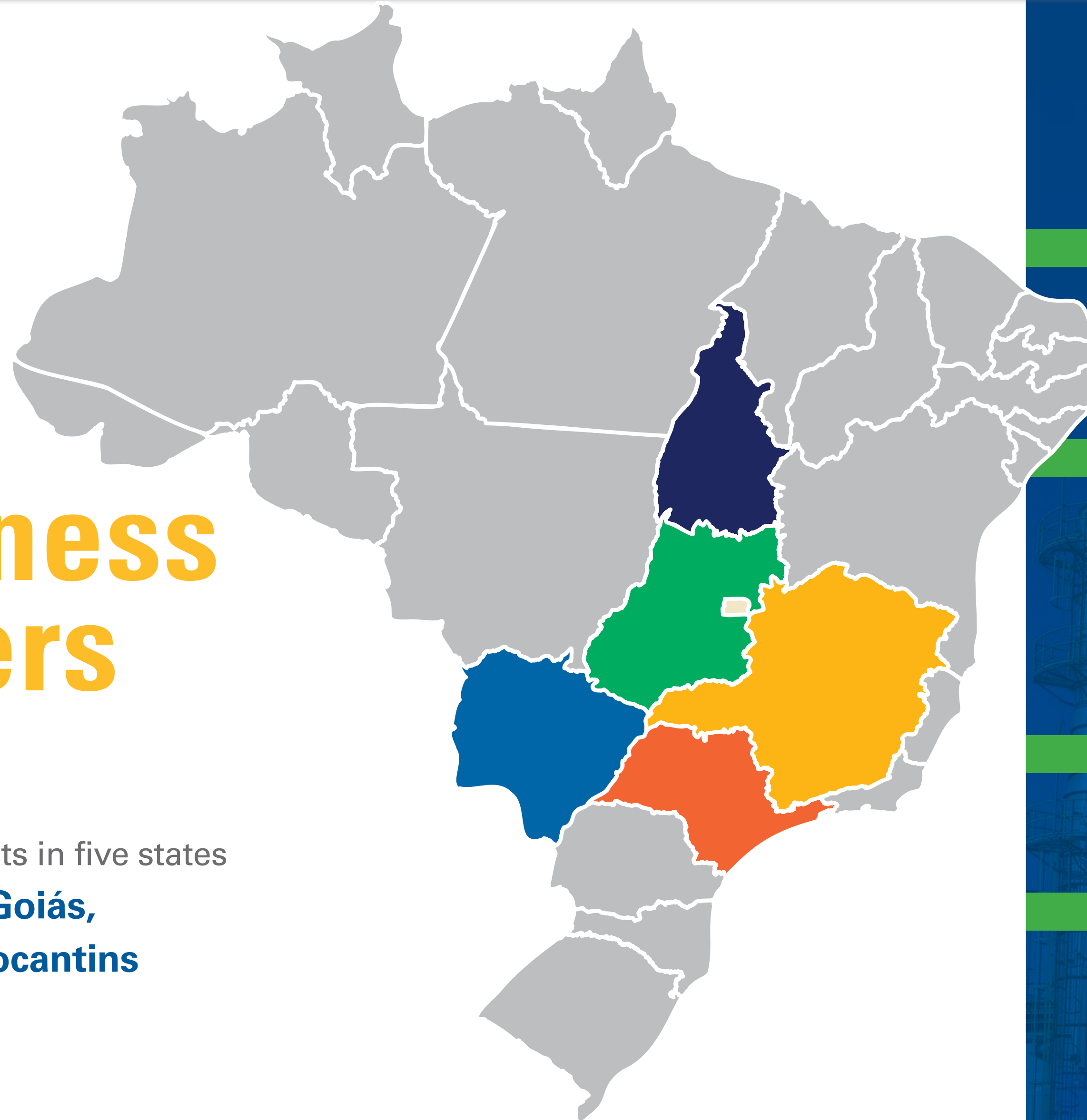
### Excellence

We tirelessly seek to be the best at what we do – We stimulate innovation, entrepreneurship and continuous improvement – We continuously develop our professionals and stimulate their growth.

# Our business in numbers

GRI: 2.2

We have 11 agro-industrial units in five states  
**São Paulo, Minas Gerais, Goiás, Mato Grosso do Sul and Tocantins**



## Strategic location

Capacity per harvest

### Crushing



**32.4**  
million tons

second highest crushing capacity in the sector

### Ethanol



**1.7**  
billion liters

supply capacity of 35 million light vehicles, equivalent to 57% of the Brazilian fleet in this category

### Sugar



**1.7** million tons

### Bioelectricity



**1.4** thousand GWh/year for sale

# Products and markets

GRI 2.6

From sugarcane, a fully renewable energy source, we produce:

## Sugar

Crystal sugar for industrial use and export type VHP (Very High Polarization), used as a raw material for refining and in food and beverage industries.



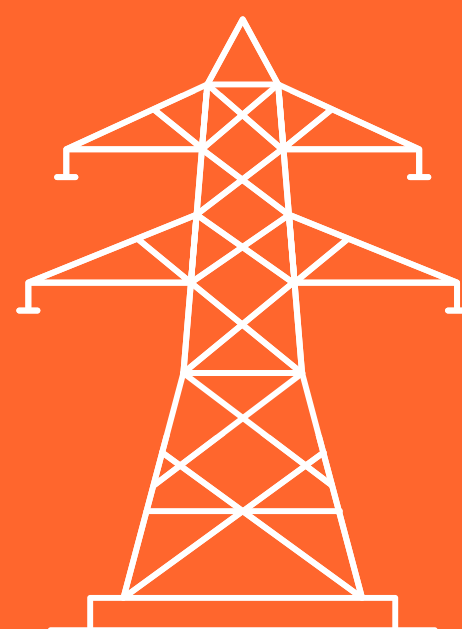
## Biofuel

Ethanol produced from sugarcane has, on average, **90% less GHG emissions**, compared to gasoline (source: UNICA).



## Bioelectricity

The generation of renewable electricity from sugarcane bagasse meets the energy needs of all our units and the surplus is sold to the Brazilian electricity grid.

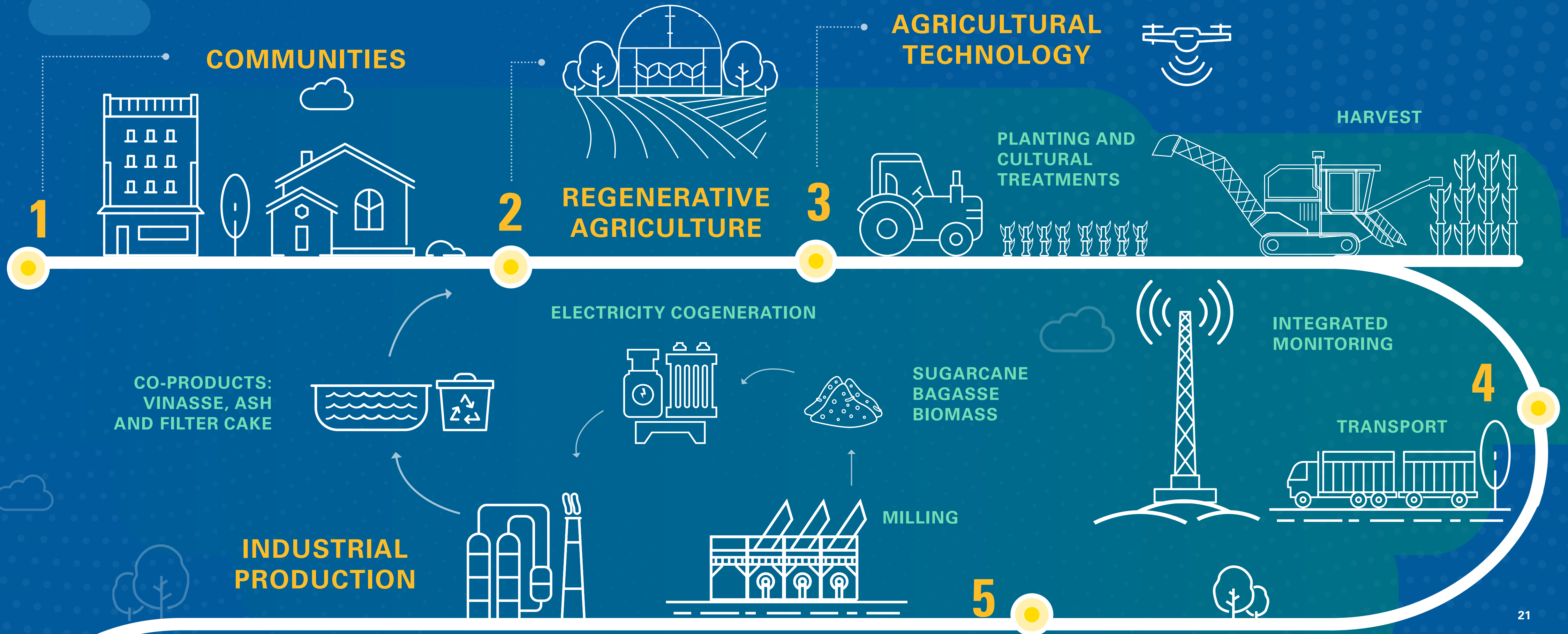


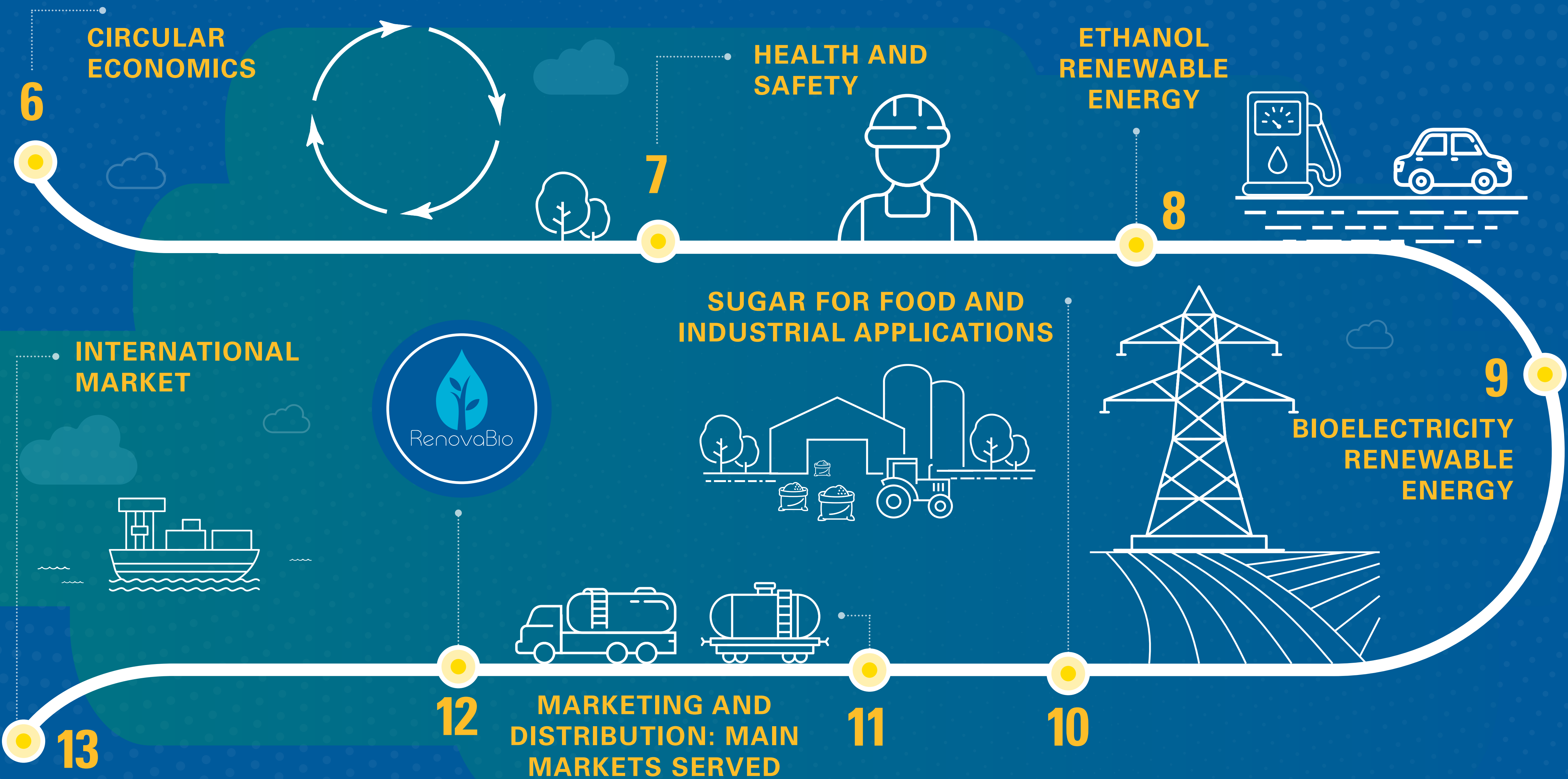
**BP Bunge's** value chain involves the entire production cycle, from the cultivation and harvesting of sugarcane to the commercialization of bioproducts. Our production process is integrated and flexible, and can be oriented, as necessary, to different possibilities of mixing ethanol and sugar. We follow international standards of quality, food safety and sustainability, attested by the certifications of our units.

In our production processes, we work with Life Cycle Assessment (LCA), environmental performance management and integrated circuits – from the extraction and use of resources to the reuse or final disposal of waste. We are able to meet the growing demand of the Brazilian market for renewable energy and the world market for sugar.

The main entities involved in this sector include sugarcane producers, processing plants, energy distribution companies and final consumers. The value chain of the Brazilian sugar-energy sector also covers logistics, transport, storage and commercialization services of the products. Specialized companies operate in these segments, ensuring the efficiency and continuous flow of the entire chain.

# Circularity and *value creation*





The circularity of sugarcane is of utmost importance for the bioenergy market, as it represents a sustainable and efficient approach in the total use of raw material. The by-products of sugar and ethanol production, such as bagasse, filter cake and vinasse, are reused as biomass in energy cogeneration or in fertigation and fertilization processes, reducing dependence on natural resources and chemical fertilizers. This approach not only strengthens the industry's competitiveness, but also strengthens its position as an environmentally responsible solution in the global energy transition.



# Certifications and awards



The RenovaBio Program encourages sustainable development, expanding the participation of biofuels in the Brazilian energy matrix, which, consequently, increases energy efficiency and reduces the emission of Greenhouse Gases (GHG). In this way, it places the entire sugar-energy sector as a leader in achieving the goals assumed by Brazil in the Paris Agreement. The program stimulates and benefits companies and producers that use energy sources with lower carbon emissions into the atmosphere.

**All our 11 plants are certified under the RenovaBio Program.**



This certification aims to contribute to ensuring a sustainable future for sugarcane production. It is directed to the production and supply chain of sugarcane, aiming to reduce socio-environmental impacts. It attests to sustainable practices throughout the production chain and enables the export of sugarcane derivatives to countries in Asia and the European Union. It also ensures compliance with legislation, respect for human and labor rights, preservation of biodiversity and ecosystem services, as well as continuous improvement of production processes. To ensure certification, farms, agricultural fronts and industrial areas are audited, and we also carry out interviews with our employees. The Tropical (Edéia - GO) and Ituiutaba (Ituiutaba - MG) units have this certification.



Certification in the Food Safety Management System, recognized by the Global Food Safety Initiative (GFSI), is based on meeting the requirements of ISO 22000 and ISO/TS 22002-1. This certification ensures the availability of a safe food for the consumer. FSSC 22000 demonstrates that we meet the highest global food safety standards, through annual audits and recertification every three years, which verify compliance with the requirements. In addition, the certification promotes national and international recognition and acceptance that the food produced is safe for human consumption. Our Ituiutaba unit (Ituiutaba - MG) has this certification.





# Certifications and awards



California Air Resources Board (CARB) certification is required for the export of biofuels to the U.S. Carb's goal is to protect the public from the harmful effects of air pollution and to develop programs and actions that combat climate change. Through this certification, we were able to generate carbon intensity grades that ensure compliance with sustainability standards during the ethanol production and transportation process. In addition, it makes it possible for us to enter and participate in the Californian market with certified ethanol. The Moema (Orindiúva - SP), Ouroeste (Ouroeste- SP), Tropical (Edéia- GO) and Santa Juliana (Santa Juliana- MG) units have this certification.



We renewed the certification of the Greener Ethanol Protocol, from the government of the State of São Paulo. This certification recognizes good environmental practices of companies and organizations. The protocol, implemented by the State Department of the Environment of the State of São Paulo in 2007 and also signed and endorsed by the Department of Agriculture, the Environmental Company of the State of São Paulo (Cetesb), the Sugarcane Industry Union (UNICA) and the Organization of Associations of Sugarcane Producers of Brazil (Orplana), attests that the units are producing ethanol, sugar and bioenergy in a sustainable manner. The Moema (Orindiúva- SP) and Ouroeste (Ouroeste- SP) units have this certification.



We have renewed the EPA (Environmental Protection Agency) Certification, which attests to the sustainability of the ethanol produced and confirms it as an advanced biofuel. This certification is necessary for the commercialization of ethanol in the USA. The Itumbiara (Itumbiara- GO), Ituiutaba (Ituiutaba- MG) and Tropical (Edéia- GO) units are certified.





# Certifications and awards



Awarded to companies with more than one hundred employees and operating in Brazil, it is a ranking that lists the companies with the best performance in people management. In this sense, in particular, actions to manage the career of employees are observed. **BP Bunge** rose a level during the 2022/23 harvest, coming 3rd in the category of best companies in people management in Brazil, in companies from 7,001 to 17,000 employees.



The Green Energy Certificate is granted to bioelectricity plants that meet renewable generation and energy efficiency requirements. The seal is one of the initiatives of the Bioelectricity Certification Program, conceived in 2015 by UNICA in partnership with the Electric Energy Trading Chamber (CCEE) and support from the Brazilian Association of Energy Traders (ABRACEEL).



It encourages companies to follow corporate social responsibility guidelines, stimulating new governance models and making work environments more collaborative. It is a voluntary commitment made by private and public companies, whose objective is to unite them in promoting a more integral and ethical market and eliminating different corruption practices.



# Governance Principles

## Structure, committees and guidelines

GRI: 2.9, 2.10, 2.11, 2.12, 2.13, 2.16, 2.17, 2.18

We seek to conduct the best corporate governance practices, all our operations and activities are guided by the guidelines set out in our internal governance codes: **BP Bunge's** Mission, Vision, Values, Code of Conduct and other corporate policies, which can be accessed on our page: <https://bpbunge.com.br/en/ethics-and-governance/>

The following are also governance instruments: the Bylaws and Shareholders' Agreement, with approval mechanisms and powers, in addition to the definition of powers and delegations of responsibility; and the Shareholders' General Meeting, where resolutions are held on topics of interest to the Company.

Our set of governance guidelines complements the Business Annual Plan and the documentation that supports the creation of the Annual Plan: Risk Plan, Compliance Plan with the Integrated Management System (SGI), Support/Strategic Plans (Valora+), budget (budget) and all agro-industrial operational planning, such as the Crop Plan.

The main body of our governance structure is the Board of Directors, which has the participation of members appointed by the shareholders. The process of selecting and appointing members to the Board of Directors is provided for in the Shareholders' Agreement and in the Company's Business Combination Agreement. The Board of Directors

and the Executive Board periodically monitor the risks, impacts and opportunities related to economic, social and environmental aspects. The Board of Directors makes face-to-face visits to the agroindustrial units, for a better understanding of business development and our regions of operation.

On a daily basis, crucial concerns related to the Company are communicated by the Executive Board to the Board of Directors. The Board approved the delegation of authority/values for the officers and other employees to perform their duties, in accordance with their duties and with the Company's corporate purpose.

The Board of Directors meets at least quarterly for reporting/discussion and receives monthly information from the Executive Board on the economic, environmental and social impacts of the company's operations. We have not yet evaluated the Board's performance in relation to the responsibilities for conducting **BP Bunge's** ESG agenda.

The Chairman of the Board of Directors is also the Director (Executive Chairman) of **BP Bunge** Bioenergia. In this sense, this position is responsible for ensuring the company's performance within the parameters expected by shareholders and for coordinating and leading the development and long-term strategy with regard to

- Chair the meetings of the Executive Board and the Board of Directors;
- Political and strategic relationship with shareholders, customers, suppliers, partners, financial institutions and government agencies;
- Development of high-level strategies, including new business growth strategies;
- Identify and guide the evolution of the shareholding structure;
- Coordinate the subcommittees of the Board of Directors, seeking appropriate governance, standards and procedures.

In addition, the Executive President, in partnership with the Chief Executive Officer, will be responsible for:

- Format an organizational structure that maximizes the result of the company's activities; and
- Selecting candidates to hold key positions in the company.

# Structure

GRI: 2.9

The Advisory Committees, which support the Board of Directors, are formed by members of the Board of Directors and executive management.

The Committees do not have a deliberative nature, they only make recommendations to the Board of Directors. For more information on our governance bodies, visit:

<https://bpbunge.com.br/en/ethics-and-governance/>

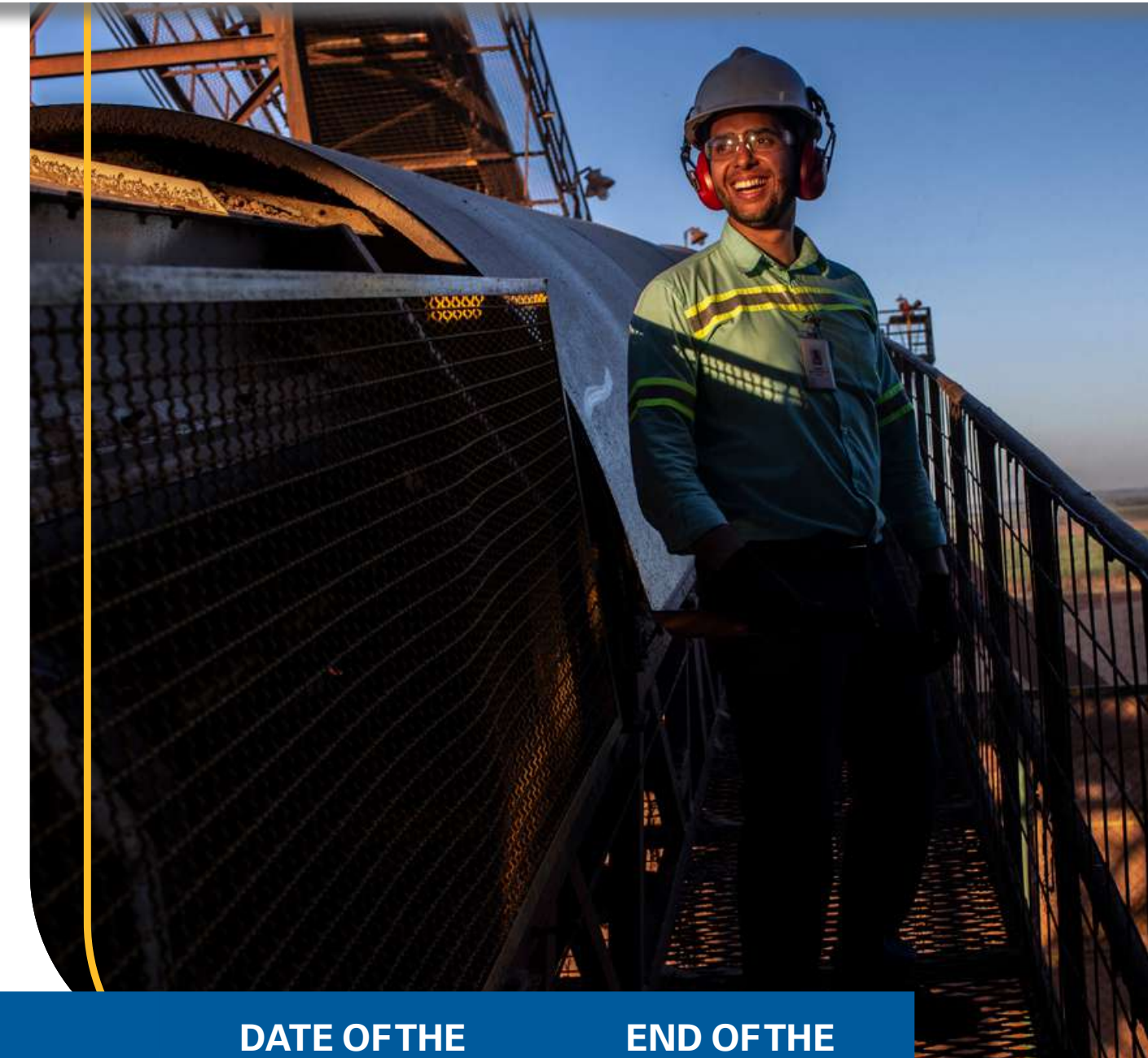
Other information on governance is also available in the GRI Indicators Summary. The composition of the boards is as follows:

## Audit, Risks and Ethics & Compliance Committee

	NAME	ROLE	ROLE ON THE COMMITTEE	DATE OF THE ELECTION
1	Martin Andres Thomsen	Member of the Board of Directors	President	06/20/2023
2	Samuel Saez-Rozas	Member of the Board of Directors	Member	03/18/2020
3	Mario Lindenhayn	Chairman of the Board of Directors and Executive President	Member	03/18/2020
4	Marcus Miranda Schlosser	CFO	Member	03/18/2020
5	Carlos Jorge Motta Brandão	Ethics and compliance manager	Member	03/18/2020
6	Joanna Camet Portella	Legal Director	Member	06/20/2023

## Board of Directors

	NAME	ROLE	DATE OF THE ELECTION	END OF THE TERM
1	Mario Lindenhayn	CEO	11/29/2022	11/29/2025
2	Nicolas Moiseeff	Counselor	11/29/2022	11/29/2025
3	Allan Michael Giumelli	Counselor	03/12/2023	11/29/2025
4	Samuel Saez-Rozas	Counselor	11/29/2022	11/29/2025
5	Martin Andres Thomsen	Counselor	05/09/2023	11/29/2025
6	Julio Garros	Counselor	11/29/2022	11/29/2025



## People and Remuneration Committee

	NAME	ROLE	ROLE ON THE COMMITTEE	END OF THE TERM
1	Nicolas Moiseff	Member of the board of directors	President	02/01/2022
2	Mario Lindenhayn	Chairman of the Board of Directors and Executive President	Member	03/18/2020
3	Cesar Augusto Bresciani	Human resources director	Member	03/18/2020
4	Cesar Marota	Remuneration and benefits manager	Member	03/30/2022

## Health, Safety and Environment Committee

	NAME	ROLE	ROLE ON THE COMMITTEE	END OF THE TERM
1	Allan Michael Giumelli	Member of the board of directors	President	03/28/2023
2	Julio Garros	Member of the board of directors	Member	03/24/2021
3	Mario Lindenhayn	Chairman of the Board of Directors and Executive President	Member	03/18/2020
4	Geovane Dilkin Consul	Chief Executive Officer	Member	03/18/2020
5	Daniel Lobo	Director of Health, Safety and Environment	Member	03/18/2020



# Integrated Management System- IMS

GRI: 2.26, 2.27

The structure of our Integrated Management System- IMS systematically establishes which requirements and guidelines must be met by the Company and all our employees. It covers all units and activities of the company, including field operations, industrial and administrative processes, people, structures and assets.

In addition to aiming to ensure operational deliveries, the IMS aims, in its scope, to support the operational and support areas with information on local processes, in order to ensure compliance with legal and regulatory requirements, internal policies, our Values, and the specific requirements that allow the reliability of our operations. The conceptual basis of the IMS are the core elements of our organizational culture – Mission, Vision and Values –, supported by our internal policies and regulations. The IMS comprises guidelines and elements aimed at three major foundations:



People



Processes



Performance



## There are nine elements that direct our operations in a safe, efficient and compliant way:

<b>Element 1</b>	Operational Strategies	We clearly establish our objectives and control plans for the organization.
<b>Element 2</b>	Risk Management	We assess, prioritize and manage operational and business risks.
<b>Element 3</b>	Proceedings	We document and follow procedures for safe, reliable, compliant and efficient operations.
<b>Element 4</b>	Leadership	Our leaders are competent, demonstrate visible leadership and are respected by the teams they lead.
<b>Element 5</b>	Organization	We have an organization suited to the needs of the business and agile, with competent teams and people.
<b>Element 6</b>	Development and Competencies	We develop and maintain competent and qualified employees, with appropriate skills and knowledge to meet current and future business needs.
<b>Element 7</b>	Operational Management	We identify, evaluate and capture opportunities to improve operational performance.
<b>Element 8</b>	Performance Management	We monitor and audit processes to identify opportunities to improve performance and reduce risks.
<b>Element 9</b>	Continuous Improvement Management	We manage projects and develop a culture of continuous improvement among our employees, to improve operational performance through identification, measurement and elimination of defects.

Periodically, audits of the management and operational performance processes are carried out within the IMS, in order to verify compliance with the established requirements and increase risk reduction and performance improvement.



### Transforma-Continuous Improvement Program

Created from the SGI, and in line with our commitment to the operational Transforma optimize excellence, Program seeks to the performance identification, elimination of company's through the mediation and problems.

The the program also enables standardization of processes and operational guidelines in all **BP Bunge** units, with solutions that bring a significant cost reduction, thus contributing to increase competitiveness in the market.

# Risk Management

GRI: 207.2, 403.2

Our Risk Matrix covers operational, compliance and business risks. For the records and information of operations and activities on a daily basis, we have the Risk Register, fed by the Risk Records.

The complete risk management system encompasses:

- **Identify and evaluate the risks** covered annually, keeping the Risk Register, which includes the Risk Records, updated, in order to systematically manage the hazards and risks related to the safety of operations and business processes (financial and reputational), as well as the economic, social and environmental aspects involved in the business and operation.
- **Develop and approve** a risk reduction action plan, using the results of the Risk Records.
- **Implement and maintain a change management process**, for temporary or permanent changes.
- **Identify and periodically evaluate the business process safety risks**, considering the use of qualitative and quantitative risk assessment methodologies.
- **Develop and implement a qualification and training** plan for employees with activities related to process safety.
- **Develop and implement an inspection plan, asset maintenance and planned shutdowns**, to manage risks related to integrity and reliability, in line with the availability required by the business strategy.
- **Implement and maintain an inspection program** to determine the condition of safety critical equipment and systems, documenting whether they meet regulatory requirements and are fit for operation.
- **Implement and maintain a maintenance management process that includes:** planning, scheduling, providing and recording the results of the execution of inspection and maintenance tasks.
- **Evaluate the results of inspection and maintenance plans** and modify such programs to consider the risks of equipment and system failure.
- **Operate assets and facilities in accordance with defined safe operating limits** and documented operating procedures, taking into account manufacturers' recommendations or engineering documents.
- **Monitor, document and investigate events outside the safe design limits**, in addition to unexpected failures of material and equipment structures. Identify and implement corrective actions.
- **Periodically review the list of safety and operation critical equipment**, updating it as necessary, to continue to have a safe, compatible, reliable and efficient operation.
- **Define a process to periodically verify the measurement** and adequacy of the instruments used to account for the production of the finished product.
- **Measure, report and investigate** the operational performance shortfall and develop a remediation plan to reduce the identified immediate and systemic causes.

# Tax management

GRI: 207.1, 207.2, 207.3

BP Bunge Bioenergia's strategy in tax management follows a series of management guidelines and is based on principles of governance, transparency, compliance and good tax practices, supporting the performance of all areas involved in this process.

The company values the observation and application of tax rules and principles, always seeking tax transparency through its practices and with the adequate provision of information about its operational activities, ensuring compliance with tax regulations and falling into the highest categories of tax compliance with adherence and compliance with its main and ancillary obligations, always ensuring the proper calculation of the various taxes in which it is a taxpayer and the payment of taxes due in all jurisdictions in which it operates.

The company's Tax Department analyzes and manages the tax impacts of current and future operational and commercial activities, which are fully aligned with its business and investment plans. In this sense, tax impacts are only one of several factors considered in business decisions and investment plans. It is possible to observe in the Financial Statements all the company's tax information.

BP Bunge Bioenergia adopts internal procedures for the correct calculation of the taxes under its responsibility, which are periodically audited internally and by independent auditors.

Tax conduct is complemented with risk management and governance standards and guidelines. Tax strategies and impacts are monitored by the executive board, risk committee and other advisory committees or groups.

**BP Bunge Bioenergia acts in the search for the best and most adequate management of the tax strategy, always in compliance with current legislation, maintaining a transparent relationship and in harmony with the various entities with which it relates, such as public agencies and sector associations.**

In this sense, the company participates in committees, as well as groups of studies and tax debates, at UNICA, SIAMIG, SIFAEG and BIOSUL, always aiming to meet local standards and contribute to transparency, legal compliance and simplification of the tax system, thus generating a positive impact for society.





# Ethics, compliance and anti-corruption

GRI: 2.15, 2.16, 205.2, 205.3, 206.1

We seek to constantly improve our corporate governance practices. Our goal is to achieve excellence in this topic, which is a priority at **BP Bunge**. In addition to the rules and guidelines contained in the Code of Conduct and in our corporate policies, we have procedures and mechanisms for internal controls and evaluations, in order to ensure transparency in processes, employee integrity and risk management related to corruption. For suppliers, we reinforce these assumptions through the Supplier Manual.

All our employees and leadership members are periodically trained on ethics and integrity. We have the “Energy in Motion” platform, which brings together training focused on the Code of Conduct on topics related to ethics and compliance, such as:

- conflict of interest;
- anti-corruption and anti-bribery;
- competition and antitrust;
- among others, with content and games presented

We also have internal mechanisms so that, if identified, the crucial concerns related to the company are communicated by the Executive Board to the Board of Directors during the meetings held at least every quarter. Such communications may also be made in the monthly reports or extraordinarily by email. During the period referring to the last harvest, there were no reports or lawsuits related to corruption identified or filed against our organization or our employees.

We are signatories of the Business Pact for Integrity and Against Corruption, of the Ethos Institute, since 2021, a voluntary commitment, assumed by private and public companies, whose objective is to unite them in promoting a more integral and ethical market and reducing different practices of corruption.

By becoming signatories to the pact, we are committed to disclosing the Brazilian anti-corruption legislation to our employees and stakeholders, so that it is fully complied with.

In addition, all companies signatory to the pact undertake to prohibit any form of bribery and strive for transparency of information and collaboration in investigations, when necessary.

## Code of Conduct

Our Code of Conduct is the main document that directs ethical behavior in the company and brings together the guidelines that guide our way of working, in line with institutional values. It guides our commitment to how we should act correctly, ensuring the integrity and sustainability of the business in order to preserve our reputation for the long-term future. The Code of Conduct applies to all our employees, as well as to the members of the Board of Directors. The document is also shared with all our business partners, including their professionals, so that they respect the principles presented therein and our ethical behavior is present in all our relationships. We encourage professionals from all companies with which we relate commercially, whether customers, suppliers and business partners, to know, respect and act in conformity with the principles we present in this document.

## Conflicts of Interest

To address this topic, we have a Conflict of Interest Policy and a Related Party Transaction Policy. We provide all our employees with training and guidance on the subject and we advise that the registration of any conflicts of interest in which they are involved or have knowledge can be done electronically, on our website or by completing the form “Disclosure of Conflict of Interest”, available in the HR areas of each unit.

## LGPD [Brazilian General Data Protection Law]

All processes and actions related to our activities comply with the provisions of the Brazilian General Data Protection Law (LGPD), which came into effect in September 2020.

# Relationship channels

GRI: 2.25

To address complaints or capture social occurrences, there is a procedure that assists leaders in reporting and dealing with each occurrence. The opening and complaints channels can be the **BP Bunge** website, the complaints channel and/or any approach that is captured by the local leadership teams of each cluster. Records of the captured interaction histories are kept and the resolution of the reported cases is monitored.

## Ethics Channel

Our Ethics Channel is an exclusive space for safe and, if necessary, anonymous communication of conduct considered unethical or that violates ethical principles, standards of conduct and/or current legislation. Situations that are not in accordance with our values, our Code of Conduct, our policies or current laws must be reported, as well as situations of conflict of interest and other situations that may be incompatible with our ethical and conduct principles.

On the other hand, requests for guidance and expressions of appreciation of good practices and conduct can also be sent. The information recorded in the channel is received and treated by an external company, in an independent, specialized and totally impartial manner. After a first screening, the manifestations are forwarded to the company, for analysis, investigation and resolution purposes.

This process guarantees absolute secrecy, confidentiality of the report and the proper treatment of each situation by the company, without conflicts of interest. We do not tolerate retaliation of any nature, as well as reports made in bad faith, in order to harm someone. This channel is in line with the measures and norms to combat corruption, especially with laws 12.846/13 – Brazilian Anti-Corruption Law, 12.529/11 – Brazilian Anti-Corruption Law, 12.850/13 – Law to Combat Organized Crime and with decree No. 8.420/15 – regulation of the Anti-Corruption Law. On the number of manifestations received, processed and resolved, see the Indicators Notebook.

**Ethics Channel: Phone 0800 800 9797**

**Internet:** <https://www.contatoseguro.com.br/en/bpbungebioenergia>

**App: “Contato Seguro”;** available for IOS and Android systems

**Available 24 hours a day, seven days a week, free of charge and confidential**

**There are several actions that can contribute to the advancement in the management of this topic, such as:**

- The presence of an ethics representative in each unit for the management of the topic;
- Existence of training programs on topics such as: Fortalecendo conexões, Energia e envolvimento, LGPD and Semeando Respeito para todos os colaboradores;
- The fact that we are signatories to the Ethos Business Pact favors the continuous exchange of knowledge for the implementation of new initiatives.

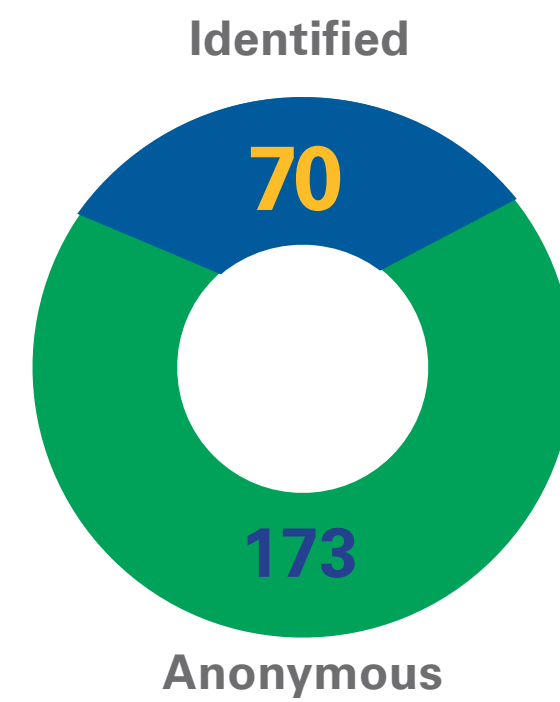


# Ethics and Compliance

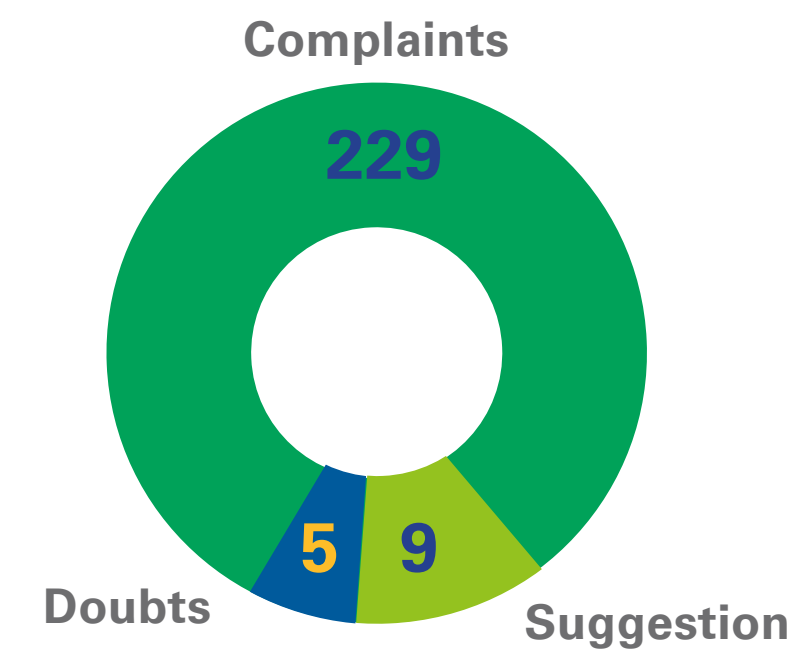
General View of the Ethics Channel



## Origen of the concerns

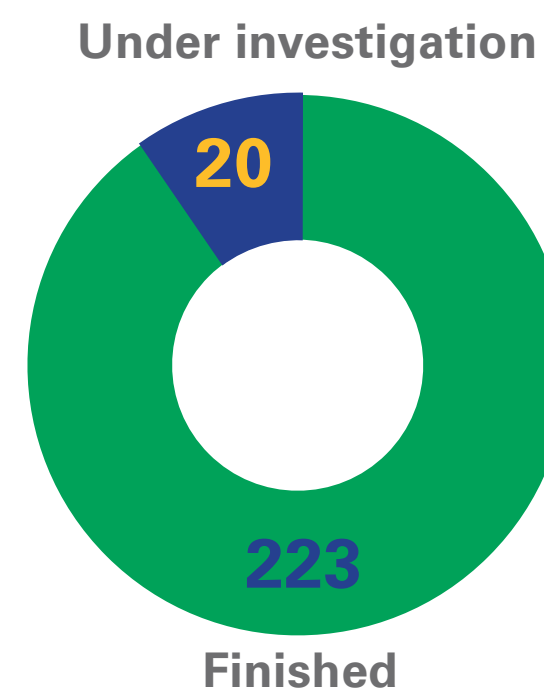


## Types of concern

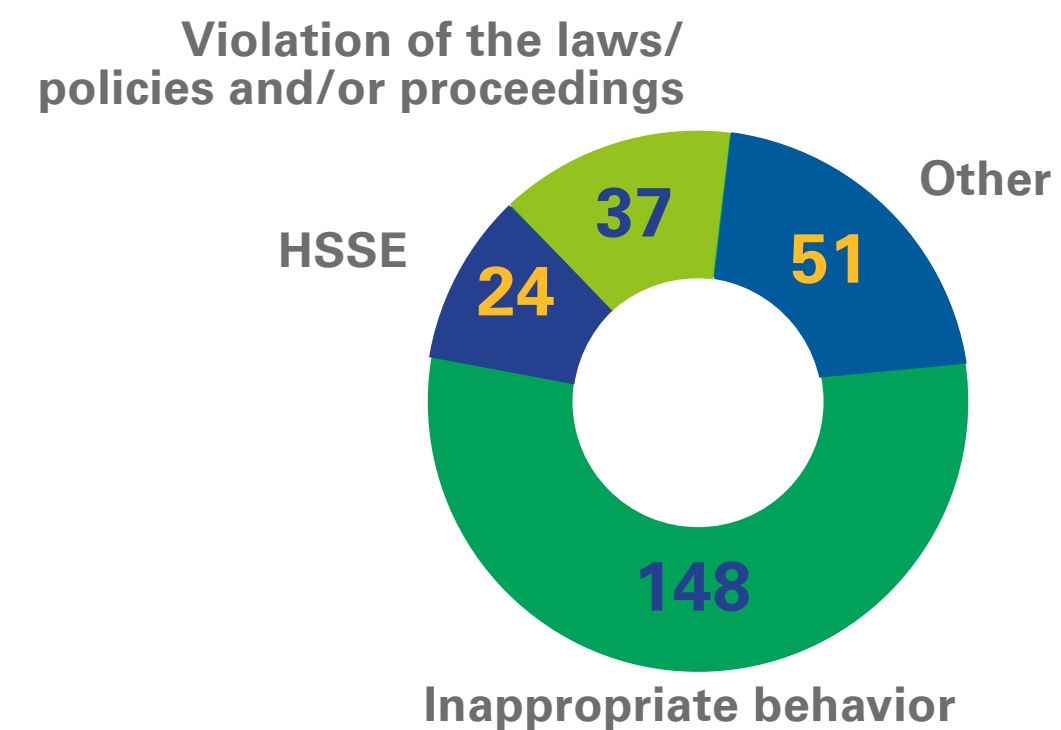


## Classification of the Concerns

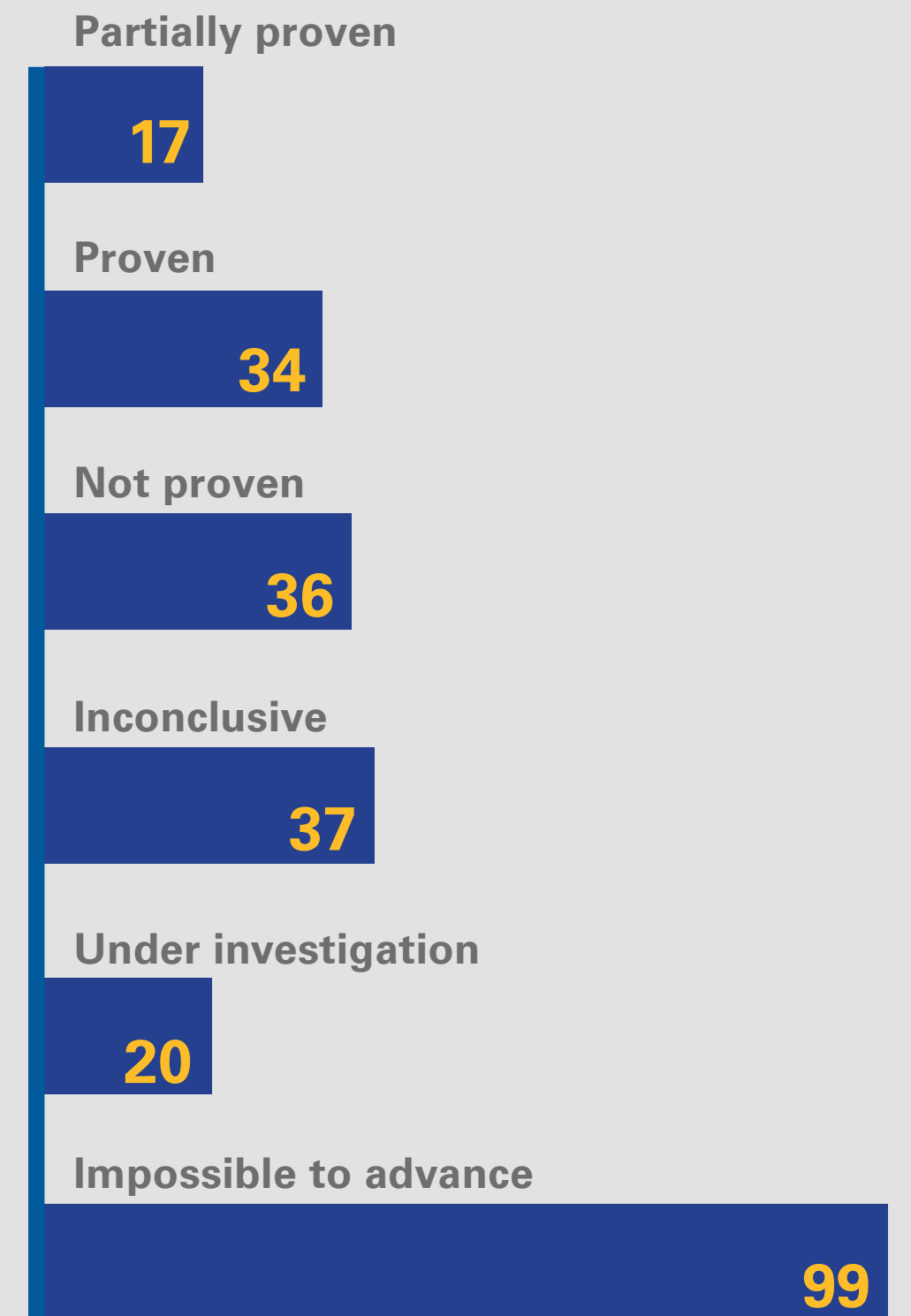
### Status



### Nature of the concerns



## Status of the concerns



# Stakeholder engagement

GRI: 2.28, 2.29

AUDIENCE	INITIATIVES*	REALIZATION IN THE 2021/2022 HARVEST**
COLLABORATORS	Leadership management reunions	Monthly
	Organizational culture surveys	Along the harvest
	Opening and closing of the harvest	Annually
	Town Hall	Throughout the harvest
	Excellence Award	Annually
	Stop Work Award	Monthly
	Daily safety dialogues and other topics	Daily
	Leaders' meeting	Annually
	Organizational culture group	Monthly
	Conecta App	Daily
SHAREHOLDERS	Corporate TVs, emails and murals	Daily
	Meetings	At least annually
BOARD OF DIRECTORS AND COMMITTEES	Meetings	At least quarterly
SUPPLIERS OF MATERIALS AND SERVICES	Alignment meeting and best practices	Weekly
	Supplier Award	Annually



AUDIENCE	INITIATIVES*	REALIZATION IN THE 2021/2022 HARVEST**
SUGARCANE PARTNERS AND SUPPLIERS	Meeting and Ethics program - Allia	Along the harvest
	Meeting of raw material suppliers	Annually
COSTUMERS	Commercial meeting	Twice a year
FINANCIAL INSTITUTIONS	Presentation meetings	Along the harvest
	Donations related and local initiatives/projects and/or with local entities	Along the harvest
CLASS ENTITIES AND SECTORAL ASSOCIATIONS	Tax incentive projects	Throughout the year
	Social occurrence record	Throughout the year
THE GOVERNMENT	Fire and health awareness campaigns	
	Ethical and transparent communication	Along the harvest
THE PRESS	Interviews	Along the harvest
WORKERS' UNIONS	Meetings	Along the harvest
TECHNICAL INSTITUTES, ACADEMY, STARTUPS	Studies and development of projects	Along the harvest



# Associations and class entities

GRI: 2.25, 2.28, 2.29

The widespread presence of our sector in Brazil means that there are several representative entities that carry out an integrated work in the search for collective solutions, sharing best practices and discussions on topics of interest in our value chain. The main ones to which we are associated or have participation in commissions are:

**UNICA, SIFAEG, SIAMIG, BIOSUL, ABIOGAS (Sector associations) – CTC, IAC, RIDESA (technology & research)**

- **UNICA:** The União da Indústria de Cana-de-Açúcar [Union of the Sugarcane] and Bioenergy Industry is an association that represents the main sugarcane, ethanol and bioelectricity production units in the Center-South region of Brazil. Its objective is to act in the interests of producers, aiming to develop the competitiveness of the Brazilian sugar-energy sector.
- **SIFAEG:** The Union of the Ethanol Manufacturing Industry of the State of Goiás acts as the legal representative of ethanol producers in Goiás, coordinating institutional actions with government agencies, trade associations, business segments, institutions, etc. It is based on the search for the modernization of the sugar-energy sector in line with socio-environmental sustainability.
- **SIAMG:** The Union of the Alcohol Manufacturing Industry of the State of Minas Gerais acts in strategic actions inside and outside the mining territory to promote the sustainable production of sugarcane, sugar, ethanol and bioenergy.
- **BIOSUL:** The Association of Bioenergy Producers of Mato Grosso do Sul aims to strengthen the bioenergy sector in the State of Mato Grosso and throughout Brazil through articulation with other players, such as governments, industry and agriculture federations, among others.
- **ABIOGAS:** The Brazilian Biogas Association was founded in order to increase the participation of biogas in the Brazilian energy matrix through dialogue with governments, civil society and other players, involving all sectors of the production, use and processing chain of this segment.
- **CTC:** The Sugarcane Technology Center is a company that operates in the genetic improvement of seedlings to increase productivity in the field and aims at the technological advancement of national agribusiness and the competitiveness of the sugar-energy sector to raise Brazilian standards and competitiveness worldwide.
- **IAC:** The Agronomic Institute (IAC) of Campinas is the research arm of the São Paulo Agribusiness Technology Agency, of the Department of Agriculture and Supply of the State of São Paulo, whose mission is to generate and transfer science, technology and products to optimize plant production systems, with environmental responsibility, aiming at socioeconomic development and food security, through research, training of human resources and preservation of heritage.
- **RIDESA:** The Interuniversity Network for the Development of the Sugar-Energy Sector is an institution formed from the partnership between several federal universities, being responsible for developing research works on genetic improvement of sugarcane and other technologies aimed at optimizing crop yields with the objective of promoting the growth and modernization of the sector.

# Policy Commitment

GRI: 2.7, 3.3, 401.1

## Human Capital

The energy that moves us goes beyond that generated by the products we develop. It also comes from our teams, which are at the heart of our strategy.

Adding all our 11 units, today we generate about 13 thousand jobs, between direct and indirect, thus impacting more than 48 thousand people- since each Brazilian family has, on average, 3.07 members. In many municipalities where we operate, we are the main employer, as in Pedro Afonso (TO), a city of 15,000 inhabitants where we generate more than 1,000 jobs. Having the dimension of this significant impact, we are driven to increasingly want to generate opportunities that contribute to transforming the lives of these people.

We believe that the best work environment is one guided by ethics and respect, and by the appreciation and encouragement of the personal and professional performance of each individual, adding to all this the best practices of management and development of people.

For this reason, we constantly invest in the search for excellence in the management of our human resources and, with this, we have collected results that demonstrate that we are on the right path: for the second consecutive year, we were recognized by the yearbook "Valor Carreira", of the newspaper Valor Econômico, with the award

"Best Companies in People Management". This year, we were even among the top three positions of the award, which represented an advance compared to the participation in the previous year. Some of the aspects highlighted in the evaluation were: a clear commitment to health and safety, the presence of well-defined values and culture, a clear purpose of acting in a sustainable way in the production of sugar, ethanol, and bioenergy, having a management based on aspects such as respect, development, and training of employees, meritocracy, and the appreciation of diversity.

### Total employees in the 2022/23



Harvest  
**8596**



Men  
**7599**



Women  
**997**



Women in leadership:  
**19.26%**

\*in-house employees



We remain committed to the initiatives aimed at caring for the people who make up our team. We prioritize actions to raise awareness about the importance of the well-being of our employees and their families, communication about health care, vaccination, adaptation to the environment and work and living routines, using, as a priority, our digital channels.

At the end of the harvest, when safety conditions were restored and free from the risks of the pandemic, we were able to resume projects to develop solutions focused on people management, always maintaining our purpose of providing a productive and collaborative work environment. One such project is the launch of a robust diversity, equity, and inclusion program, which is scheduled for the upcoming harvest season.

In order to integrate and standardize people management practices and processes, we carry out research, listen to employees and understand our strengths, identifying the aspects that can be improved and acting on them, which allowed us to create a development journey focused on the formation of teams prepared to meet the current and future challenges of our business.

To measure the performance of our management, we have indicators related to employees by variants, such as type of employment contract (permanent and temporary), gender, region and type of employment (partial and full time), as well as information on other workers (non-employees). We also monitor indicators on new hires, dismissals and turnover.

Level	Total	Men	%	Women	%	50,1 years or more	%	30,1 to 50 years	%	30 years or more	%
<b>PRESIDENT AND BOARD OF DIRECTORS</b>	19	16	84,21%	3	15,78%	7	36,84%	12	63,15%	0	0
<b>MANAGEMENT</b>	116	93	80,17%	23	19,82%	15	12,93%	99	85,34%	2	1,74%
<b>OTHER LEADERSHIP ROLES</b>	1076	973	90,42%	203	9,57%	70	6,50%	873	81,13%	133	12,36%
<b>TECHNICAL AND ADMINISTRATIVE</b>	1256	775	61,70%	481	38,29%	47	3,74%	773	61,54%	436	34,71%
<b>OPERATIONAL</b>	6129	5742	93,68%	387	6,31%	939	15,32%	3854	62,88%	1336	21,79%





# Remuneration and benefits

GRI: 401.2, 401.3

Of the **62 women** who were on maternity leave in the last harvest

**100%** returned to work

**77%** remain in the company

## Remunera +

Our variable compensation program aims to promote the attraction and retention of talent in order to maintain our competitiveness. In it, all professionals have goals linked to the company's results. Our compensation policies and processes are coordinated by the People and Compensation Committee, in which strategic compensation issues are analyzed, in addition to items discussed by the company's Board.

In our operations there are no differences between salaries and opportunities for men and women in the same function. Operating salaries are governed by collective agreements that, in turn, are linked to the unions of each location of operation. Although there is no minimum deadline established in the collective bargaining agreements on changes and consultations.

Normally, changes that go through the process are communicated more than three weeks before the operational change.

All employees have a salary above the national minimum and are covered by collective bargaining agreements. In the same vein, all company benefits are offered to all direct employees, regardless of gender or type of contract:

- Life insurance
- Maternity/paternity leave
- Workplace cafeteria or meal voucher
- Private pension plan
- Health care plan

“ Working at BP Bunge in the agricultural area completely changed my view on safety, I started to take a more critical look at safety in all aspects, motivating my colleagues and other employees to take care of each other and, especially in my daily life, with my family. If it's not safe, stop the operation!

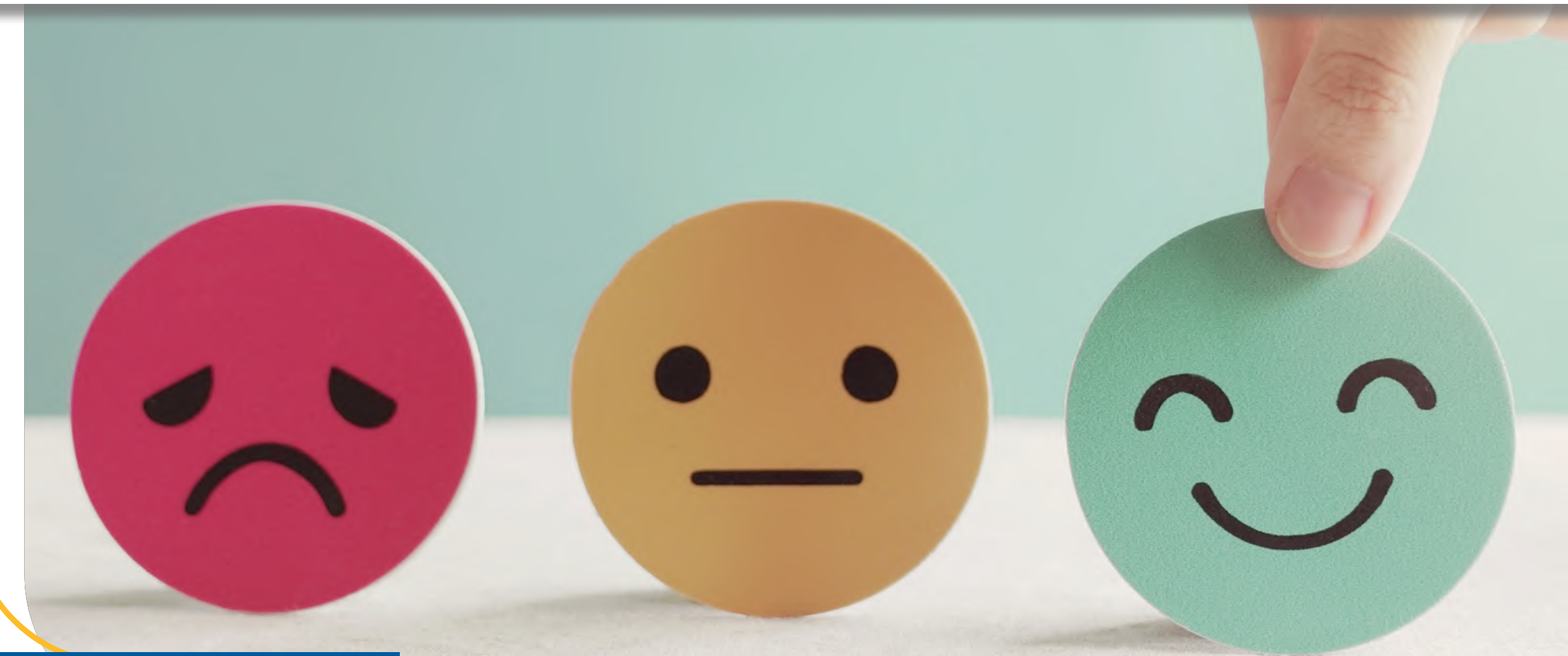
Geminia dos Santos Teixeira, leader of Agricultural Processes at the Guariroba Plant. 13 years in the company

# Health, Safety and Wellness

GRI: 403.1, 403.2, 403.5, 403.8, 403.9

Safety is our core value. As a company aware of all the risks that involve our operations, when placing people at the center of our management strategy, our priority is to protect these people, offering them the best working conditions so that they can perform their tasks safely. Every **BP Bunge** employee knows the expression ‘Stop Work,’ a program that is already ingrained in our culture and means: ‘If it’s not safe, stop the operation!’ In addition to this, we regularly conduct safety meetings, daily safety dialogues, training sessions, tool box talks, and discussion forums as part of our ongoing commitment to safety. We also hold a safety Road Show every six months, where we gather our leaders, present performance indicators, reaffirm the pillars of the program, and recognize best practices. This ensures that safety is a continuous topic of discussion with our workers on site.

We manage our business to prevent damage to the health and safety of employees and third parties. We systematically identify and evaluate chemical, physical, biological, ergonomic and mechanical hazards in the work environment, as well as plans to mitigate potential risks to people. All our employees are encouraged to feel comfortable pointing out these potential risks, as well as warning or advising any co-workers in this regard, regardless of the hierarchy, as well as suggesting mitigation plans linked to their activities.



**100% of employees, including third-party personnel working on BP Bunge sites, are covered by an occupational health and safety management system**

**Number of work accidents resulting in serious consequences (excluding fatalities) decreases by 65% in this harvest compared to the previous one.**

**900 trained leaders with the largest safety training program**

Graphic data :  
Number of work accidents resulting in serious consequences (excluding fatalities): 2022/23 harvest- 6; index 0.07% previous harvest 17. = 64.7% reduction.

As one of the material topics outlined in Our 2030 Commitments, we are dedicated to achieving a zero accident rate, specifically focusing on incidents resulting in employee leave due to accidents. However, despite all efforts in accident protection and prevention, there was, in this last harvest, a tragic incident that killed an employee and a service provider in our operation. We deeply regret the loss of these lives and sympathize with friends and family.

This tragedy brought us a painful lesson, leading us to reinforce our care and renew our individual commitment every day, with a singular focus on ensuring the safe return home of our employees.

In addition to the training in occupational safety, we also invest in the development of leaders on all aspects of this topic in our activities and operations. Managers who present the best safety practices are recognized in the Remunera Mais program.

# Development and training

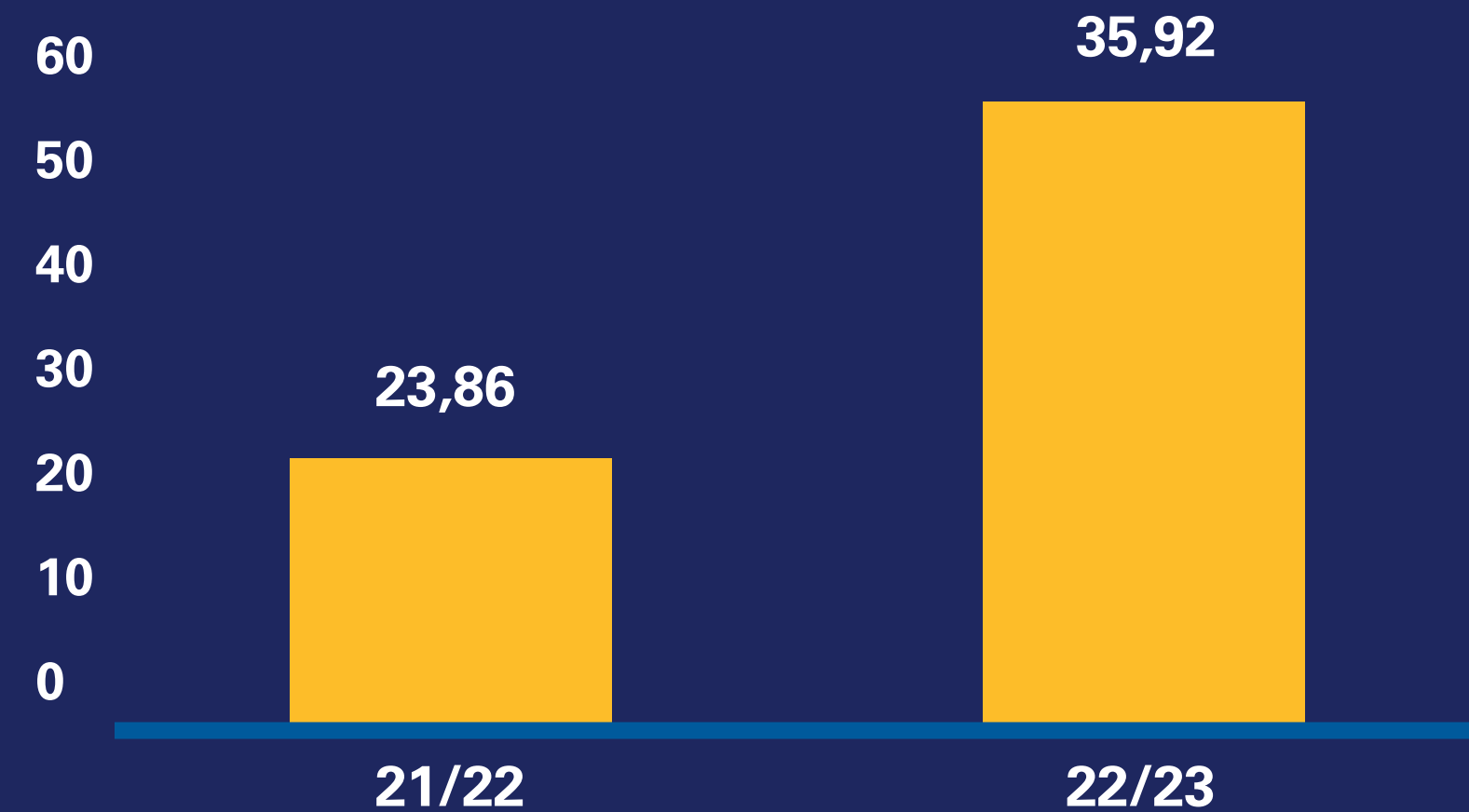
GRI 404.1, 404.2, 404.3

We consider development the best way to value the full potential of our employees. We invest in promoting continuous knowledge, offering growth opportunities for all people, both through training and qualification, as well as through development programs.

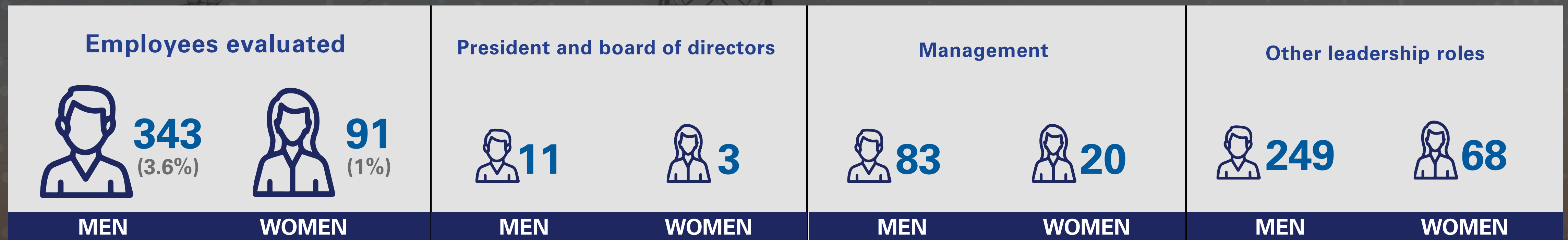
With a commitment to value our human capital, we prioritize the internal recruitment of our teams in the selection processes of new positions that are not confidential. In addition, our succession mapping is always analyzed to evaluate the potential candidates to take the position, in addition to being a way to retain our talents.

- **Development**- 291,169 Hours of training, including: leadership training, coaching, mentoring and 180° and 360° evaluations
- **220** new positions in the last harvest, with more than 70% of the vacancies filled via internal recruitment
- Average training hours increased by **50%** in this harvest compared to the previous one

## Trainings by Employee (h/year)



GRI 404	TOTAL TRAINING HOURS		ACTIVE EMPLOYEES		AVERAGE BY GENDER		TOTAL AVERAGE
FUNCTION	FEMALE	MALE	FEMALE	MALE	FEMALE	MALE	HHT
Managers (N-2)	908	3582	23	90	39,48	39,79	35,92
CEO & Directors (N-1)	84	694	2	18	42,00	38,56	
Other Leadership positions (N-3)	3905	57819	104	1008	37,55	57,36	
Technical/Administrative	3692	13658	284	570	13,00	23,96	
Operational	9771	199159	366	5700	26,70	34,94	
<b>Total</b>	<b>18360</b>	<b>274910</b>	<b>779</b>	<b>7386</b>	<b>23,57</b>	<b>37,22</b>	



Number of employees who received performance evaluation for career development



# Knowledge trail

GRI: 404.2

## Talent Pool

Evaluation modality that uses the “9box” model, considering the individual’s performance and potential. This process has the evaluation of the manager and a committee formed for this purpose. Our talent attraction and retention strategies include: trainee, jovens aprendizes [young apprentices], trainees and jovens engenheiros [young engineers] programs, in addition to specific vacancies also directed to external candidates, while maintaining the focus on developing and retaining these young people to occupy critical positions and thus contribute to the acceleration of their careers. Further information such as employees using the maternity/paternity leave mechanism and percentage of employees receiving regular performance appraisals can be found in the Scorecard

## Energizando

Onboarding program for new employees, aimed at the first 60 days at the company, contemplating actions for new employees and managers, who are responsible for accompanying their subordinates in this process.

## Jovem Aprendiz Program

The program empowers young individuals up to the age of 24, providing a comprehensive learning path designed to prepare them for the job market. In addition to focusing on technical skills, we emphasize the development of interpersonal competencies, promoting personal growth and successful integration.

## Coaching

Development and knowledge structure, implemented in February 2021, based on the concept of lifelong education, focused on the development of leaders. The initiative encourages voluntary, proactive and permanent personal and professional development, based on the most diverse learning experiences. It includes actions that address the main training needs of leaders, based on the culture of learning.



# Knowledge trail

GRI: 404.2

## Trainee Program

For 12 months, our Trainee Program aims to stimulate and prepare young graduates to develop their careers in specialist positions in agricultural and industrial operations and in corporate areas, such as commercial, finance and IT, on a journey of learning, challenges and growth. It has a development track focused on the skills necessary for the business. The main objective is to help them gain the experience and skills necessary to leverage their careers. In October 2021, we launched the third edition of this program.

Professionals trained between December 2019 and July 2022 in the courses of Economics, Business Administration, Computer Sciences, Accounting, Mechanical Production, Agronomic, Agricultural, Food, Chemical, Mechatronics, Electrical, Mechanical Engineering, and other fields were able to participate in the selection process.



## Jovens Engenheiros Program

We maintained the Jovens Engenheiros Program, dedicated to the training of our future operational leaders. This program accelerates the career of professionals with three to five years of training and experience in the sugar-energy sector or in operations of large industries. The objective is to train employees for leadership positions such as coordinators and specialists in operations. The initiative also lasts 12 months and is aimed at professionals in the areas of Production, Mechanical Production, Agronomic, Agricultural, Food, Chemical, Mechatronics, Electrical and Mechanical Engineering. Those selected participate in a process with interviews with HR and the manager, as well as a visit to the workplace. Those approved have a development program in important topics for leadership training, such as **BP Bunge** culture and leadership with safety, as well as know our value chain (agricultural, industry, commercial and financial) and project methodology, in addition to having a job rotation and mentoring programs.

PROGRAMA DE  
**Estágio**  
2021

bp bunge  
bioenergia

VOCÊ CONHECE  
ALGUÉM QUE  
ESTÁ PROCURANDO  
POR ESTÁGIO?  
Confira os requisitos  
abaixo e compartilhe!

SEU TALENTO  
É NOSSA MAIOR  
**energia**

INSCRIÇÕES ATÉ 16/04 [linktr.ee/estagiobpbunge](https://linktr.ee/estagiobpbunge)

## Internship Program

With emphasis on training and qualification of future professionals. The main objective is to offer a development program for higher education students who are interested in knowing and working in the sugar-energy sector to initially occupy positions as assistants or analysts in our industry, agricultural, administrative and corporate operations. The program identifies new talent from different areas, as well as contributing to the development of skills and abilities. We offer all program participants a very robust learning path, so that trainees can develop in technical and behavioral aspects, in addition to ensuring a deep immersion in our business. The interns started their activities in May 2022. The program lasts for one year.

## Cultivating Knowledge

Development process that consists of a set of tools and methods that focus on improving the productivity and performance of people, in the context of the evolution of the Organization. Launched in 2021, Café com Conhecimento is a program that includes monthly (virtual) meetings that represent a space built for knowledge sharing, often with external guests, reinforcing the culture of continuous learning within the Company. In addition to these programs, there are technical training, mandatory training linked to regulatory standards or legislation and training related to ethics and compliance issues.

# Communication and union relations

GRI: 2.30

## Union Relations

All employees are covered by collective bargaining agreements. In line with our principles and values, we exercise our way of being in operations, having as a fundamental pillar the unrestricted respect for the human rights of all our stakeholders.

**Glassdoor:**  
Company rating = 4.3/5

**97%** recommend it to others **207** ratings

**Infojobs:**  
Company rating = 4.6/5

**100%** recommend

**89%** approve the board

**34** reviews

## Communication

- Café com conhecimento
- Town Hall Meetings
- DDS
- Integrated Communication Campaigns – 2022/23 highlights
- Conecta
- Spiral BP Bunge
- Corporate TV
- Website and social networks – LinkedIn / Youtube/ Instagram
- Social Media Conduct Guide



## Bioenergy Sector HR Group

We understand that the bioenergy sector presents collective challenges and opportunities that are very particular to the segment. On a voluntary initiative, we have created an industry HR group to share, discuss and develop best practices involving our activities.

The partnerships involve large companies in the agricultural sector.

“ My life was transformed by the diversity and inclusion project, which empowers women to work in the operation. I started my career as a maintenance assistant and today I work as an agricultural driver in one of the largest bioenergy companies in Brazil. The project opened doors for me and brought me the opportunity to become the professional I am today, and like many other women at BP Bunge, to be able to work in the operation or operate an agricultural tractor with a lot of pride.”

Adeline Martins Silva - Agricultural driver II at the Tropical Unit





# Diversity, Equity and Inclusion Program

GRI: 405.1

In our daily lives, we value and respect differences and seek to promote a respectful, diverse, inclusive and equitable work environment.

We believe that this pursuit must be constant, and this commitment is reflected in our culture, our practices, policies and internal codes. However, we believe that it is necessary to promote the theme beyond policies, so we establish partnerships, carry out programs and affirmative actions so that this agenda advances at the speed that our society demands.



# 19.26%

of women in leadership positions (CEO, directors, superintendents and managers)

We increased the number of women in this harvest by

# 43%

 compared to the previous harvest

Launched in 2022, our diversity and inclusion program begins with hiring, where we seek to establish affirmative and inclusive vacancies in the four main selective programs for those who start their career with us: Jovem Aprendiz, Internship Program, Trainee Program and Engineer Selection, as well as in other positions worked throughout the year.

Our turnover rate is relatively low compared to the sector as a whole, but we are attentive to reduce this indicator and address one of the vulnerabilities of the sector, which is the lack of skilled labor. Our employees who have gone through the training programs and training of women in the bioenergy chain are recognized and have become references in the market. Our efforts remain focused on improving retention programs.

We have a Disability Inclusion Program – PCDs that includes several initiatives to promote the better integration of these professionals in their new work environment. The actions in this sense include the awareness and training of leaders, the mapping of employees and external candidates, lectures and awareness-raising actions in the communities near our units, as well as adaptation and accessibility actions of equipment, among others.

We have been a signatory to the UN Global Compact since 2022 and recently joined the Elas Lideram movement. The movement is based on the Women’s Empowerment Principles (WEPs) and aims to expand women’s participation in senior leadership positions. By formalizing the support, we join the collective effort to achieve a 30% representation of women in leadership roles by 2025.

## Human rights

In our operations, we consider as a fundamental principle the utmost respect for the human rights of all our stakeholders. In this context, we respect the rights of our employees, members of neighboring communities and all other stakeholders affected by our operations and strive to positively influence our contractors and suppliers to commit in the same direction. Our commitments include actions to combat all forms of forced or compulsory labor (see more details in the section: Good practices with suppliers), child labor and discrimination in employment and occupation.

We have internal policies, codes and processes to identify and mitigate human rights risks to the people involved and/ or affected by our operations. All policies, practices, resources and services that address issues related to the protection and defense of human rights are applied in our internal conduct and shared with our suppliers to ensure that our ethical, transparent and compliant relationship

standards are respected. It is important to reinforce that the goals of the “Our 2030 Commitments” agenda are aligned with the UN Sustainable Development Goals (SDGs), with the premises of the International Bill of Human Rights and with the main guidelines of the International Labor Organization Declaration on Fundamental Principles at Work.



# Relationship with Communities

GRI: 203.2, 413.1

Our commitment to promoting the sustainable development of the communities where we operate has always been present since the beginning of our operations. However, challenged by the pandemic, we realized that our relationship strategy with communities would need to be adjusted immediately. We have joined collective efforts to help as many people as possible survive that challenging time. It was two years focused on combative actions and, only in 2022, we were able to reconnect and resume the relationship with the communities. For the next harvest, we are already structuring future commitments linked to the development of communities. .

## Volunteering - COVID-19 post-pandemic legacy

During the COVID-19 pandemic, we mobilized in multiple initiatives to serve communities in 77 municipalities in the states of São Paulo, Tocantins, Minas Gerais, Goiás and Mato Grosso do Sul impacted by our business.

These initiatives were only successful thanks to the formation of partnerships with the Health Departments and other companies. This challenging period contributed to the strengthening of our internal ties and with local communities, which allowed us to create important bridges for the direction of private social investment projects, further strengthening our volunteer program.

It is worth mentioning that “Fazer o Bem Faz Bem”, **BP Bunge’s** volunteer program, already has 80 employees who have received specific training in volunteering to act on the frontline with the communities and mobilize the other employees of its units in carrying out actions such as community campaigns and joint efforts, planting native trees, revitalizing libraries, among others. The activities are carried out during working hours, as long as they are agreed with the managers of each employee.



## Learning with energy- the energy that renews itself

This project to develop a collective e-book with 50 stories about renewable energy involved 14 schools and about 1,400 students from the 4th and 5th years of several municipalities in Minas Gerais, Goiás, São Paulo and Tocantins. With the support of the Departments of Education of each locality, schools were invited and trained to hold workshops on texts, illustrations and podcast, in the form of letters, highlighting aspects such as “energy that moves life”, “forms of renewable energy”, “history of energy” and “how energy is generated”.

The works were selected by a panel composed of educators and the young authors who had their texts published were invited to narrate their productions in meetings with the entire local community.

The project was carried out in partnership with Editora Horizonte-Educação e Comunicação and had the involvement of more than 100 teachers, in addition to **BP Bunge** volunteers. The contents of the project can be accessed in e-book and podcast format on the website *Aprender com Energia*. The initiative starts from the premise that education is one of the main means of contributing to local social and economic development.

## Education, Culture and Inclusion through Sport

With the regression of the pandemic, we were able to sustain our strategy to support local communities and, in line with our Social Responsibility Policy, we started to allocate, since 2022, 100% of our tax incentives to support initiatives related to the pillars of education, environment and support for the development of communities through the Laws to Encourage Culture, Sports and Funds for Children and Adolescents.

By the end of 2023,  
about **24,000** people were  
impacted by such projects,  
whose sponsorship amounts  
totaled around **BRL 2.4 million.**



We invest in culture, sport and education because they play a vital role in people’s development. This way, we can enrich the training of children and young people from different communities, fostering creativity, critical thinking and access to various forms of artistic expression, and healthy practices.

Most of the actions are aimed at children and adolescents and aim to collaborate with their training, inclusion and encouragement of creativity. The activities cover shows, lectures, chats, distribution of booklets, comics and audiobooks and always take place in public schools, institutions and cultural spaces of the municipalities where we operate.

In the 2022/2023 biennium, the projects took place in the regions of Edéia and Itumbiara (GO), Ponta Porã (MS), Santa Juliana, Frutal, Itapagipe and Ituiutaba (MG), Ouroeste, Orindiúva, São Paulo and Pontes Gestal (SP) and Pedro Afonso (TO).



## Here are details about our initiatives:

### Cine Boa Praça

Free screening of films and plays “The Sustainable Kingdom of Oz”, “Guardians of the Forest”, “Transformation” and “The Life of Ben”, which deal with preservation of the environment, sustainable economy, hygiene, recycling and how to deal with bullying.

### Cultura videomaker

Project of collective production of videos with the adolescents’ own cell phones, addresses technical content of scriptwriting, filming plan, capture and editing of images and sounds, assembly and finalization. The action aims to impact the lives of low-income young people, produce important content and expand professional opportunities.

### Aprendizagem II

Program aimed at developing general skills for the labor market: socio-emotional skills, financial education, customer service, life plan, among other topics, benefiting for 12 months young people from 14 to 18 years old in a situation of social vulnerability through workshops.

### Marilson 5K circuit

An inclusive street race that involved about 800 participants in Orindiúva, São Paulo. The action is promoted by the Brazilian runner Marilson Gomes dos Santos, three times champion of the São Silvestre Race and two times in the New York Marathon.

### Fazendo arte – inclusão para todos

Visual arts workshops aimed at the inclusion of people with and without disabilities, in social vulnerability, in which participants can create prints and prints, activities that help develop the development of cognitive, motor, creative and social aspects.

### Brincando na Praça

Activity for all ages that relies on sports, physical and recreational practices, aiming to arouse curiosity, belonging and the sharing of experiences, in addition to establishing a link between citizens- children and adults- and the community.

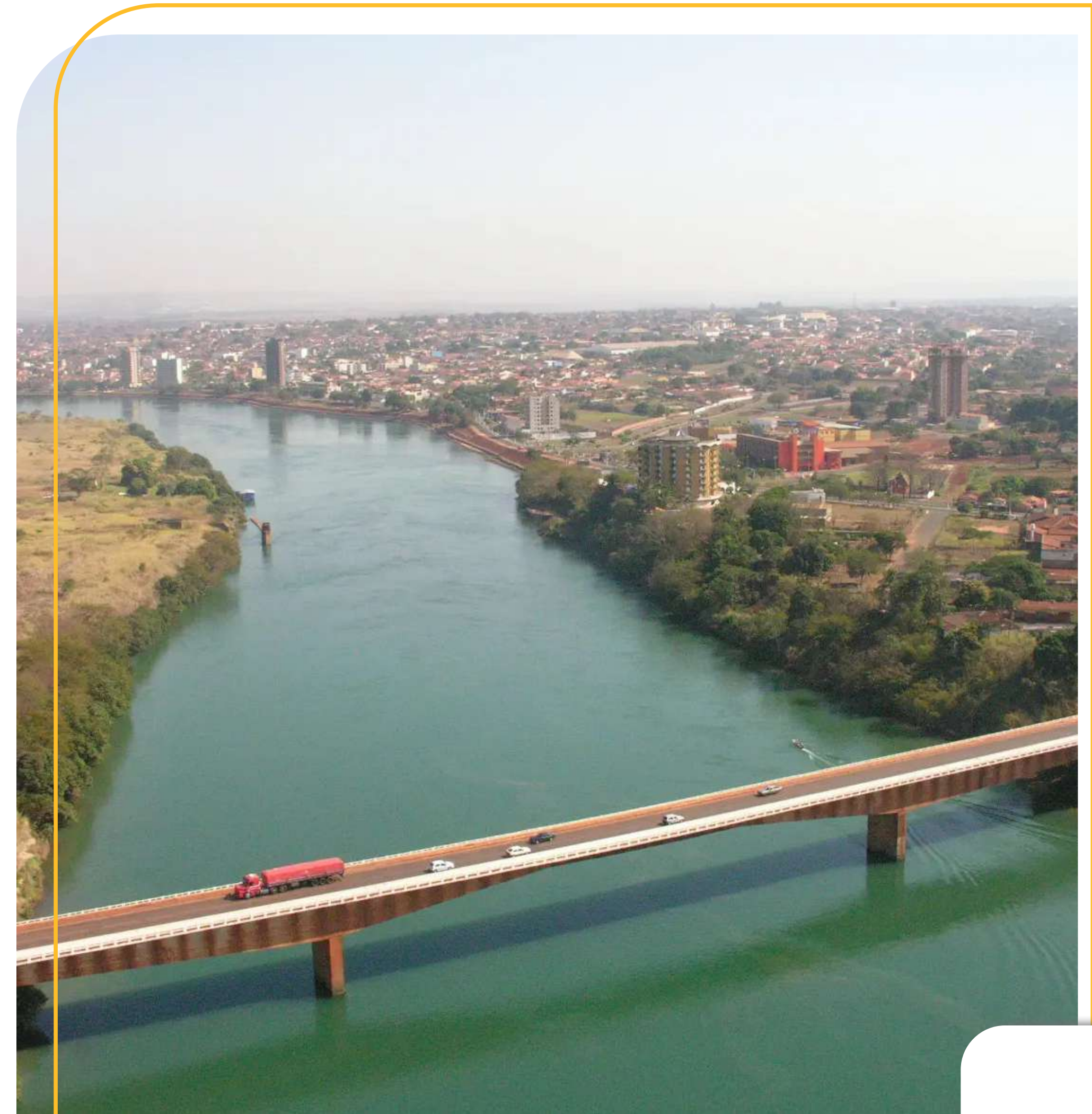


# Local Infrastructure Support

201.4, 203.1

## Ponte do Maragato:

Through an agreement between **BP Bunge Bioenergia** and the State of Goiás, we were able to contribute to the reconstruction of the Maragato bridge, located in the municipality of Itumbiara (GO), in the stretch over the Araguari River. The construction of the bridge not only improved the local infrastructure, but also resulted in substantial improvements in the vertical and horizontal signaling of sections of the adjacent highway, adapting it to safety and quality standards, and expanding the urban mobility of the local population. Delivered in early 2023, the project had an investment of about BRL 7 million.



# Financial management and shared value

GRI: 3.3, 201.1

## Operational Excellence - Agricultural and Industrial

Our business model is fully integrated in all phases of the production cycle of sugar, ethanol and bioenergy production, from planting to sugarcane processing, as well as logistics, storage, to the commercialization of our products.

The activities we develop play a strategic role in contributing to the generation of renewable energy sources, which have a crucial role in the diversification of the Brazilian energy matrix. In addition, the sugar we manufacture has great relevance in the food and beverage industry, cosmetics, pharmaceuticals, among others.

Our approach involves the implementation of advanced agricultural techniques and state-of-the-art technology in the field, supported by a centralized monitoring system offered by our integrated logistics center, SmartLog, which guarantees greater performance with less environmental impact and lower costs.

We ensure that our industrial facilities meet international quality standards, which are confirmed through the certifications of our units. We also continuously invest in technologies to increase our productivity and reduce environmental impacts.

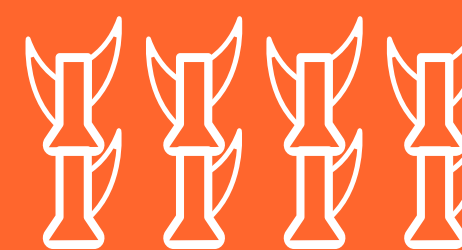
**BP Bunge** is extremely focused on the pursuit of excellence in its agricultural and industrial operations. We believe that the efficient use of fertilizers and nutrients, added to the management of sugarcane crops and sustainable soil management, are key elements to seek reference indicators of agricultural performance, an area whose highlight is the 4% gain in TCH over these three years of operation. In the industry, the levels reached with TSY in the region of 93.7% reflect the commitment to industrial excellence, in which we are committed to maintaining these levels, thus becoming a reference in this indicator.

### TRS per hectare:

The acronym TRS refers to “Total Recoverable Sugars”, encompassing the amount of sucrose and other sugars present in sugarcane. Measuring TRS per hectare involves quantifying the total amount of recoverable sugars per unit area (hectare) cultivated. The TRS per hectare is commonly associated with the TSH, which is calculated by dividing the total amount of sugar produced (in terms of weight) by the cultivated area. This indicator reflects the efficiency of sugarcane cultivation, management and harvesting practices, providing a clear view of the productivity of agricultural operations. A higher TSH indicates that the mill is obtaining a greater amount of sugar from the same cultivation area.

### Leader:

The TSY (Total Sugarcane Yield) indicator is a key metric used to assess the performance of the sugarcane industry. It represents the proportion of sugar present in sugarcane that is effectively converted into products such as sugar and ethanol. The TSY is calculated by comparing the amount of sucrose found in the sugarcane before processing with the amount of sugar actually obtained in the products. This indicator reflects the efficiency of the industry’s extraction, processing and production operations, allowing companies to evaluate the optimization of their production chains, identify areas for improvement and ensure efficient use of the raw material. A higher TSY indicates a better use of sugarcane, contributing to the profitability and sustainability of the sugar-energy industry.



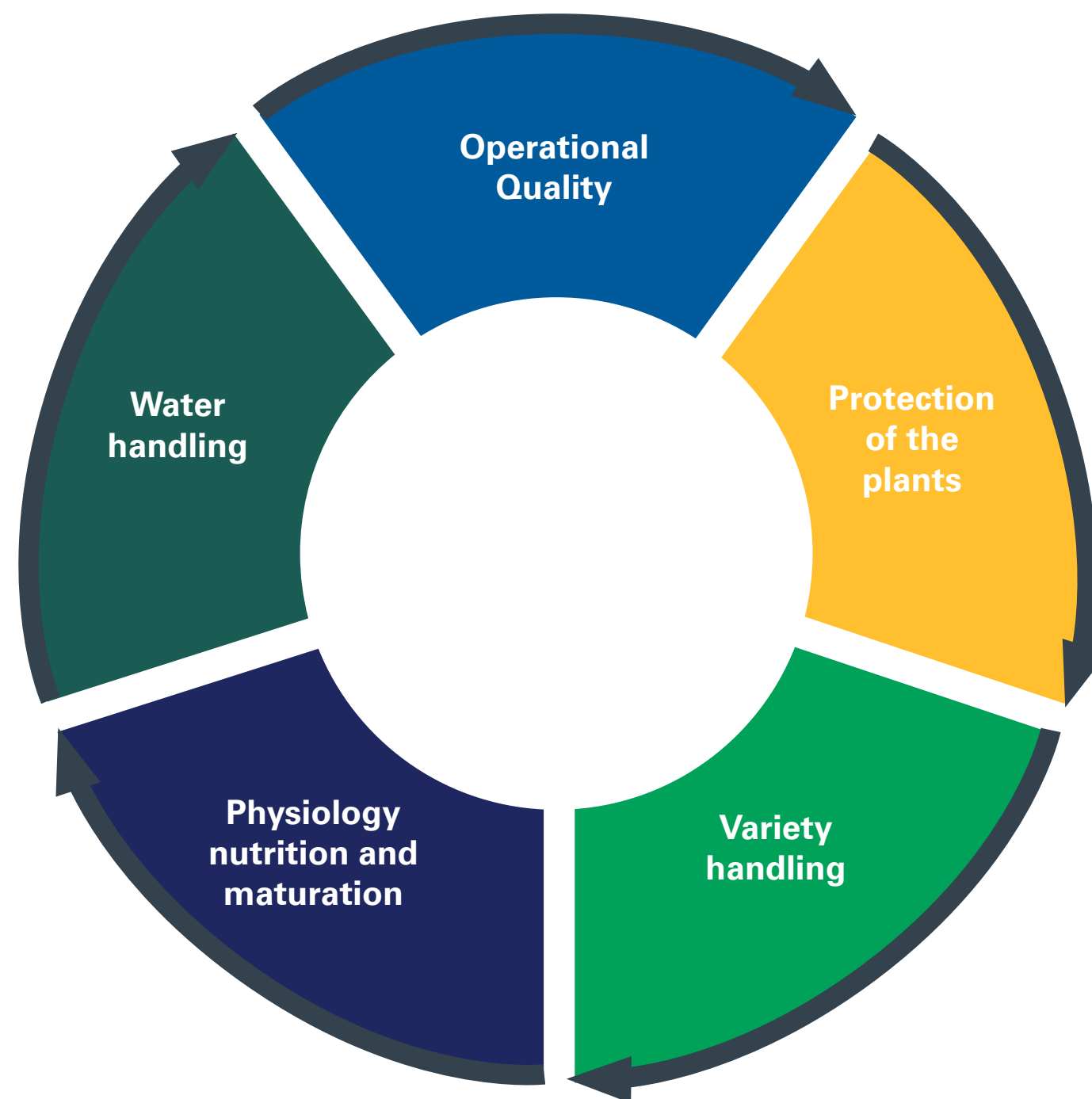
**TCH (Tons of Sugarcane per Hectare)** is a productivity measure in the sugar cane industry that represents the amount of sugarcane harvested per hectare of land.

## Regenerative Agriculture

We are very proud to have regenerative agriculture as a market differentiator and to hold a leading position in this topic today. We use agricultural practices and field management solutions that increase productivity and minimize negative impacts on the environment. We have increasing investments in research and development guided by a circular economy appreciation agenda that ensures the sustainability of our products based on operational efficiency and long-term vision.

Several techniques illustrate this commitment by protecting the health and fertility of the soil and favoring biodiversity. Among them is composting, through which we can improve the condition of the soil and have a productivity increase of between 10 and 15 tons per hectare. Thus, in the last crop year, we began the standardization of composting yards for mixing filter cake (from the filtration of sugarcane juice) and bagasse ash (derived from burning for bioenergy generation). By 2025, the goal is to produce organomineral fertilizers

from these organic materials and eliminate, in planting, the use of mineral fertilizers, such as phosphorus and potassium. This is a practice that reduces the dependence of the sector and Brazil on phosphorus imports.



Planning and monitoring	Execution	Agricultural management
<ul style="list-style-type: none"> <li>● Management</li> <li>● Strategic planning</li> <li>● Medium and short-term planning</li> <li>● Operational monitoring</li> <li>● Analytical intelligence</li> <li>● Infrastructure</li> <li>● Technology</li> </ul>	<ul style="list-style-type: none"> <li>● Operation</li> <li>● Crop formation</li> <li>● Cultural treatments</li> <li>● Harvesting/Transportation</li> </ul>	<ul style="list-style-type: none"> <li>● Agronomic</li> <li>● Mechanization</li> <li>● Maintenance</li> </ul>



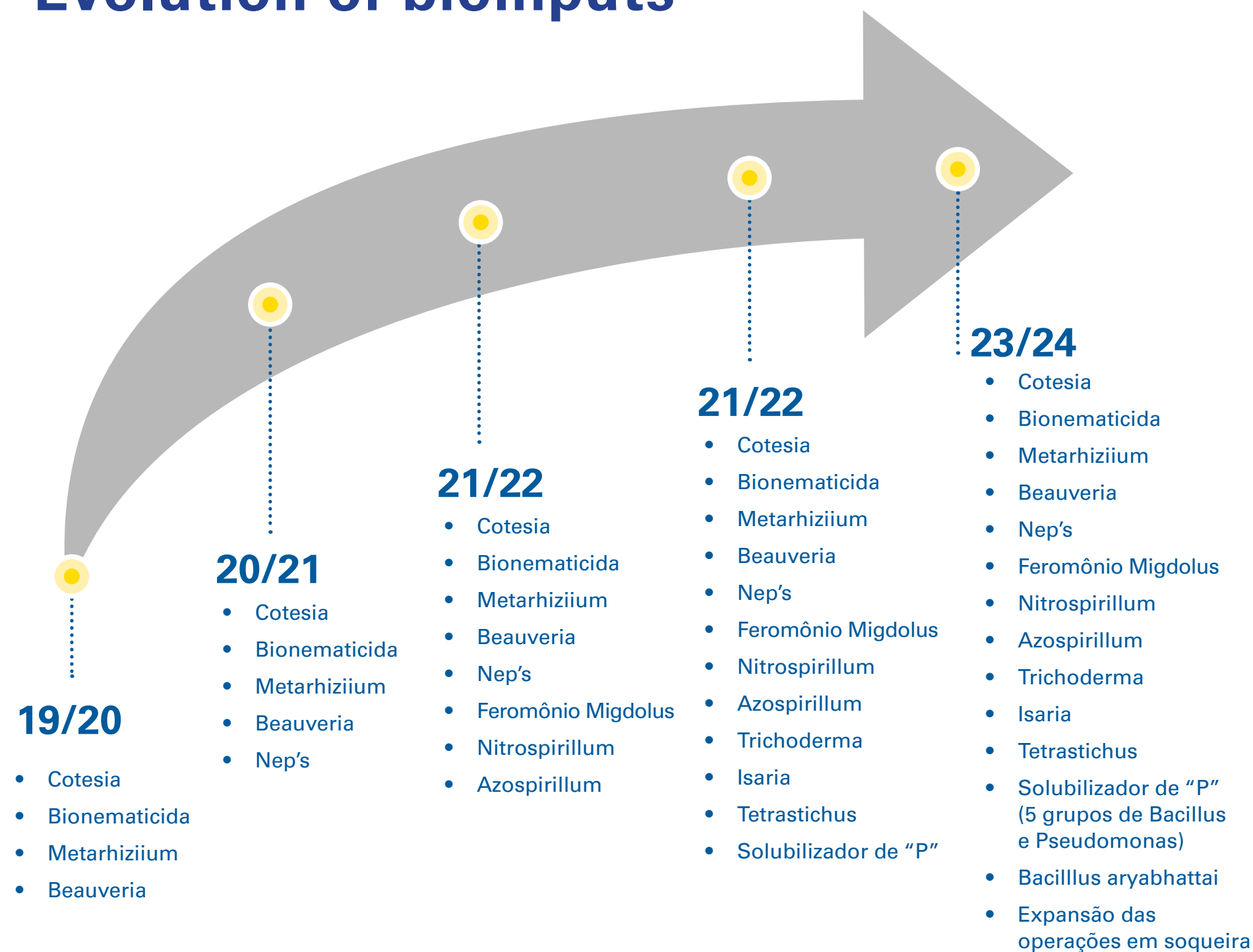
One of the by-products of sugarcane processing - vinasse – when applied locally, reduces the use of water in irrigation and protects the quality of the soil, preventing the saturation of the fields with potassium. Of our 300,000 hectares of own area, about 86% already have the use of the waste, capable of expanding the longevity of the sugarcane field in two years and bringing productivity gains of between three and ten tons per hectare.

Our projection is to reach 2025 with the application of vinasse in 96% of the crops. In the last harvest, we also celebrated the replacement of nitrogen fertilizers in 100% of the planting area, expanding the presence of the bacterium Nitrospirillum amazonense, which collaborates with the fixation of nitrogen and the development of sugarcane, increasing productivity in the fields. In addition, in 100% of the hickory areas, we use the bacterium Azospirillum brasilense, a biostimulant, which inhibits nutritional stresses and diseases and limits climate impacts. Such practice has already provided, for example, a 50% decrease in nitrogen doses in the soil.

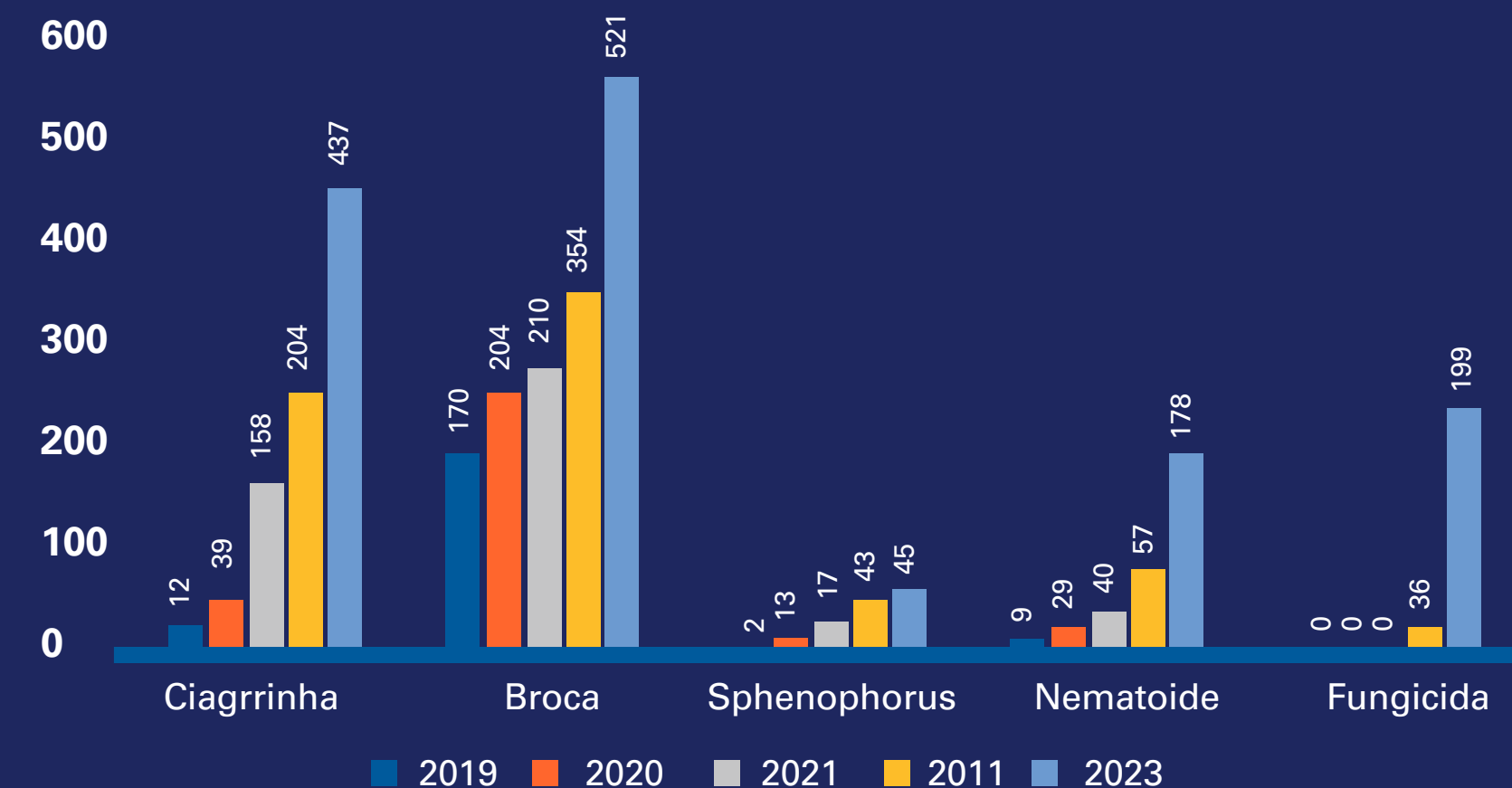
Our initiatives protect and promote soil health and fertility, creating an environment more conducive to the protection of biodiversity, the capture and incorporation of carbon and the conservation of water resources, thus generating a more balanced and resilient ecosystem.

Our investments in agricultural research and development point to bioinputs as great allies in the management of sugarcane, and our contributions have been growing exponentially in the use of this technology:

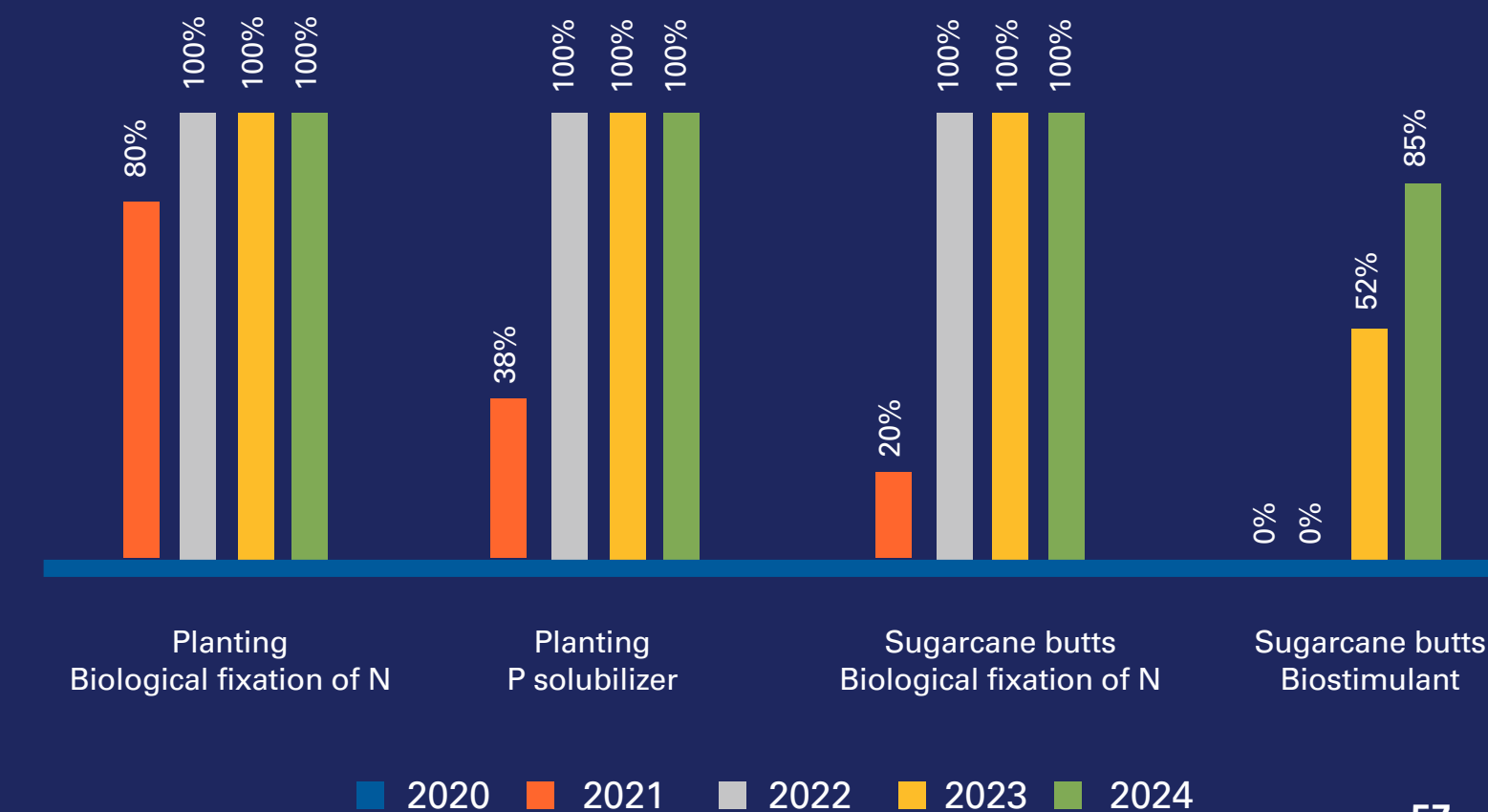
## Evolution of bioinputs



## Evolution of biodefensive products by group (ha)



## Positioning and evolution (area %)



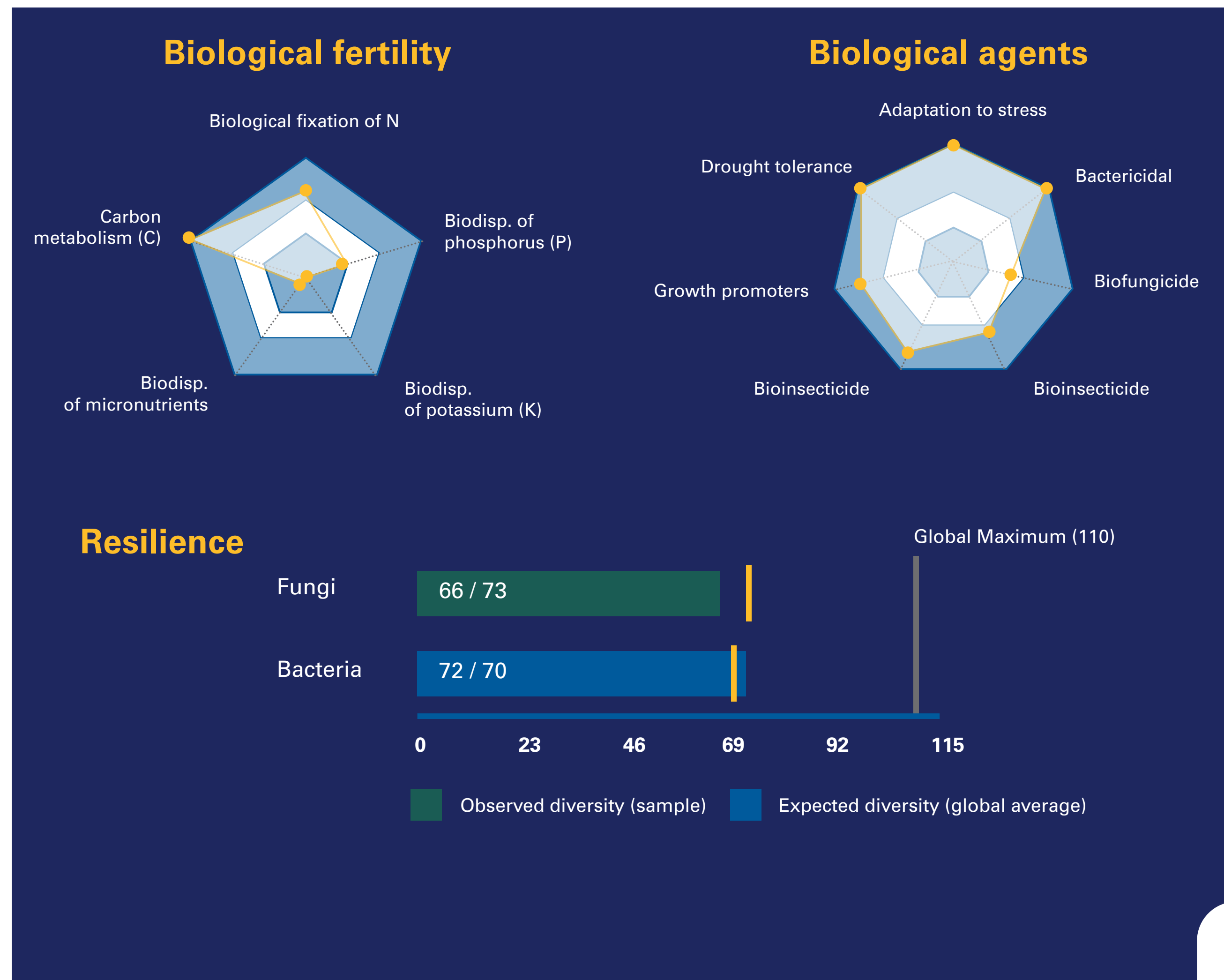
## Project Itapagipe 100% regenerative

This project consists of making 100% of the areas of our Itapagipe Unit (MG) suitable for regenerative management in 2024, when we will adopt all initiatives of regenerative agricultural technologies in the areas of conventional planting and ratoon sugarcane.

Regenerative handling	Area
Conventional planting	123,33
Ratoon sugarcane (2° and 3°)	603,37
Biotrine	20,00
<b>Total</b>	<b>746,7</b>

This is a practice that aims to cultivate to preserve and improve soil fertility, while promoting the sequestration and storage of atmospheric CO<sub>2</sub>, increasing biodiversity.

Our genomic studies, which analyze the DNA of a group of microorganisms, correlate soil health before and after management, and indicate significant positive results in terms of fertility, water retention, and soil resilience, among other factors:

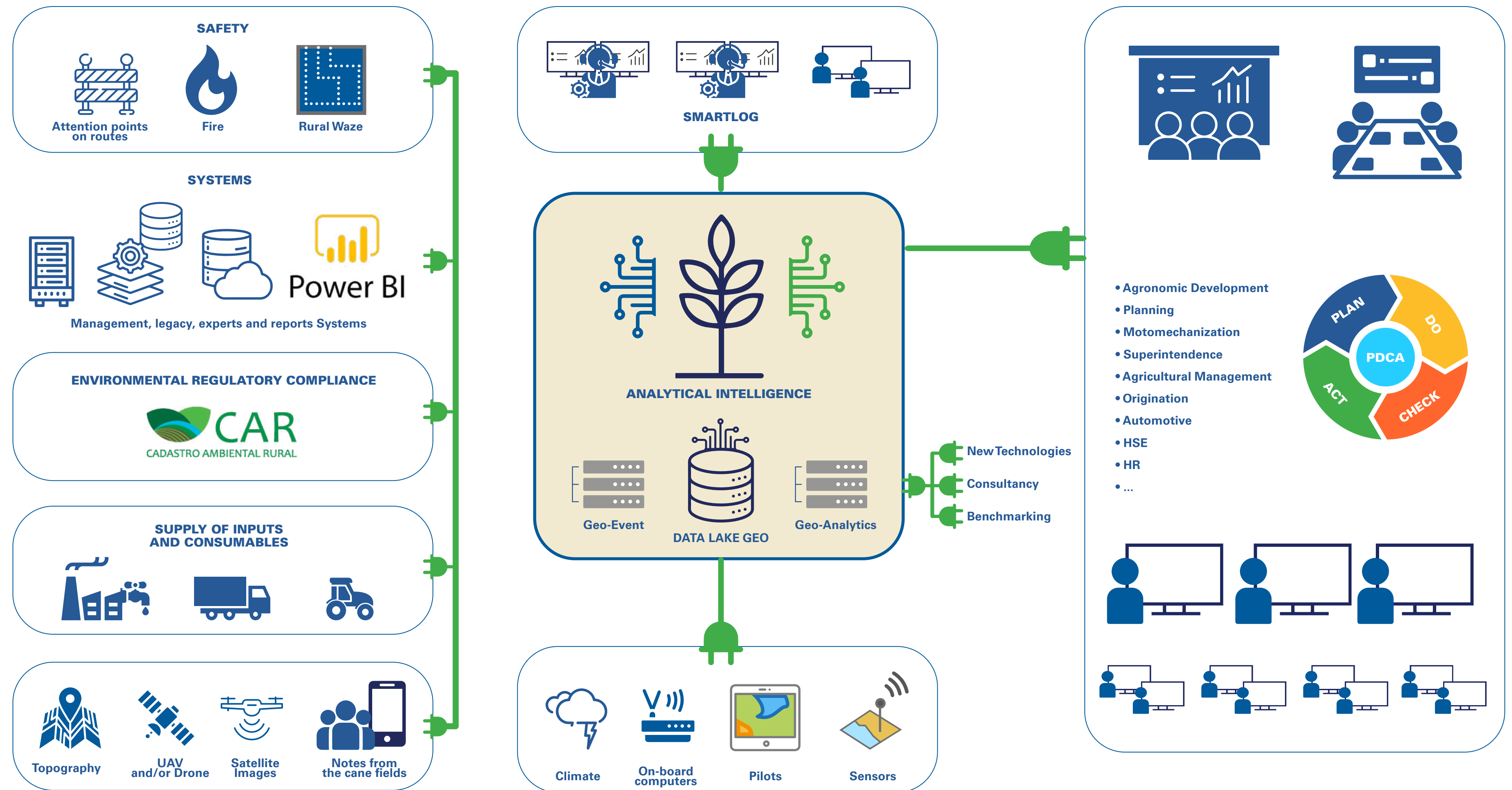


## Innovation and technology

### Smartlog

SmartLog is our logistics management hub. With cutting-edge technology and using Industry 4.0 concepts, such as big data, artificial intelligence and the internet of things (IoT), our entire agricultural operation is digitized, which gives it greater agility and efficiency, from the centralized management and monitoring of mechanized planting to the CTT (Cutting, Transshipment and Transport) operation of the 11 agroindustrial units, which involves approximately 1,200 agricultural equipment. In this harvest, we expanded the digitalization for the irrigation and fertigation processes to five other plants, with the forecast to complete the implementation in all units at the end of this harvest, in 2024.

In addition to real-time monitoring, SmartLog is also responsible for managing the telemetry of our fleets, a resource through which all trucks are tracked and the travel time is calculated. With this, it is possible to measure what the next bottleneck will be and quickly direct a truck to the area. Digitalization is also our ally in firefighting. By satellite images, it is possible to identify fire outbreaks in sugarcane plantations, which provides more agility and efficiency to the Fire Fighting Brigades.



## Use of drones/vants

At **BP Bunge Bioenergia**, we use drones/vants in numerous agricultural activities. Highlight for the biological control of sugarcane crops and for the distribution of the larvae of the wasp *Cotesia flavipes* in the sugarcane fields, aiming to combat the borer (larvae that cause large losses of productivity in sugarcane). Another important use of this technology is to produce area maps.

The data collected by the drones/vants are sent to the tractors with autopilot in the planting operation. The drones/vants also carry out the planialtimetric survey of the fields with land mapping, an activity that was previously carried out manually, by surveyors.



## Digital transformation - 4G connectivity in the field

We understand that technological and digital evolution is strategic to consolidate the excellence and sustainability of our business. Thus, in order to enhance connectivity in the field, we signed a partnership with TIM, a leading Brazilian telecommunications company, for the installation of 4G towers that will bring connectivity to all units of the group. The coverage covers 3 million hectares spread across the states of Tocantins, Mato Grosso do Sul, Goiás, Minas Gerais and São Paulo. This initiative will allow existing technological results and applications to gain even more speed, contributing to our operational efficiency and profitability. The benefits of digital transformation at **BP Bunge Bioenergia** go beyond business, as the project benefits more than 174,000 people from the municipalities neighboring our units, more than 13,000 direct and indirect employees, 602 schools and 10 basic health units, which will now have expanded access to the mobile network. The project includes almost 100 new 4G towers and most of them will use sustainable energy through solar panels.

## Economic-financial performance

**BP Bunge's** promising economic performance ensures the creation and distribution of value in a sustainable manner for all our stakeholders: shareholders, employees, suppliers, the community and other stakeholders. We promote this generation of value, while generating a positive impact on society and the environment, which is the main theme linked to our economic and financial performance. In addition to this public commitment to sustainable development, our activities generate economic value and competitiveness in the sector, with practices to minimize unfair competition and the cheapening of products, factors that directly affect the population.

**BP Bunge** maintained its trajectory of financial excellence during the 2022/2023 harvest, presenting an increase in gross revenues of around 18.6% in the accumulated of the last three harvests. We believe that this positive result is a reflection of our cohesive strategy, which unites agricultural, industrial and financial performance. We remain committed to ensuring the financial strength of our business, thus strengthening our role in the development of the communities in which we operate and in improving the quality of life of our employees. Some economic indicators showed a decline, especially in the results related to our EBITDA and the distribution of added value. As detailed in the DVA table below.



Statement of Added Value (DVA)	SF 22/23
Revenue	8,152,487
Gross sales	7,871,518
Other revenue	280,969
Inputs purchased from third parties	(3,732,659)
Costs of products, goods and services sold	(2,542,116)
Materials, energy, third-party services and other operational	(802,627)
Variation in the fair value of biological assets	(387,917)
Gross value added	4,419,828
Depreciation and amortization	(1,630,632)
Harvested biological assets	(1,213,960)
Net added value produced by the company	1,575,236
Added value received in transfer	145,078
Equity equivalence result	17,951
Financial income	127,127
Total added value to be distributed	1,720,314
Distribution of added value	
Personnel and charges	710,453
Taxes, fees and contributions	(448,245)
Funders	812,020
Interest on loans	243,911
Losses on derivative instruments	
-	
IFRS16 Interests	352,615
Net exchange variation	163,720
Other	51,774
Dividends mandatory minimum	306,891
Retained profits for the year	339,195
Distributed added value	1,720,314

Statement of Added Value (DVA)	2020/2021 Harvest	2021/2022 harvest
Gross revenue	6,634,263	7,832,912
Gross sales	6,506,865	7,683,964
Other revenue	127,398	148,948
Inputs purchased from third parties	(2,559,659)	(2,336,098)
Costs of products, goods and services sold	(2,025,159)	(2,343,194)
Materials, energy, third-party services and other operational	(755,577)	(517,124)
Variation in the fair value of biological assets	221,077	524,220
Gross value added	4,074,604	5,496,814
Depreciation and amortization	(1,115,098)	(1,314,493)
Harvested biological assets	(1,081,175)	(1,255,701)
Net added value produced by the company	1,878,331	2,926,620
Added value received in transfer	237,629	63,153
Financial income	237,629	63,153
Total added value to be distributed	2,115,960	2,989,773
Distribution of added value		
Personnel and charges	644,026	634,780
Taxes, fees and contributions	302,215	575,883
Funders	773,897	132,000
Interest on loans	139,769	119,557
Losses on derivative instruments	124,372	285,726
IFRS16 Interests	166,295	290,167
Net exchange variation	318,389	(587,819)
Other	25,072	24,369
Dividends mandatory minimum	-	393,911
Retained profits for the year	395,822	1,253,199
Distributed added value	2,115,960	2,989,773

IFRS 16 is an International Financial Reporting Standard for lease accounting that came into effect on January 1, 2019. It replaced the existing IAS 17 accounting standard and was introduced by the International Accounting Standards Board (IASB). \* Gross income from taxes.



# Good practices with suppliers

GRI: 3.3, 308.1, 414.1, 414.2

We understand that the long-term relationship with our suppliers is one of the key factors of **BP Bunge's** business strategy. Therefore, it represents two of the material themes of Our 2030 Commitments. The business relationship processes with suppliers are divided into two categories: suppliers of materials and services, and suppliers of sugarcane. They are structured in four stages: selection, approval, management and exclusion.

Our concern with the development of this important stakeholder covers both service providers and sugarcane suppliers. It is a topic where we seek to improve our practices with each harvest, and for the future, we intend that corporate programs of this nature can generate this shared knowledge for 100% of our partners.

Another relevant aspect related to the theme involves our commitment to promoting the adherence of ESG practices in the supply chain. Several initiatives related to socio-environmental aspects are part of supplier management programs and are treated transversely, as a value of the company that permeates our routine with this public.

Some of the examples are:

- The promotion of the use of biological inputs, as well as all our practices related to regenerative agriculture;
- Respect for labor and socio-environmental issues as premises in the selection processes, among others.

Contracts with these partners have clauses that reflect the concern with financial, legal, labor, environmental and human rights protection issues.

**In the 2022/2023 harvest, 100% of the new suppliers were selected considering, among other issues, socio-environmental criteria.**

**1,360**  
service providers  
and cane suppliers

**100%**  
of suppliers selected based on  
socio-environmental criteria

In the 22/23 crop,  
**17%**  
of the new suppliers  
were assessed

**25%** of sugarcane suppliers  
audited in relation to legal labor,  
environmental and safety parameters

**100%**  
local suppliers

## BP Bunge Bioenergia Suppliers Program (materials and services)

This program seeks to support all suppliers of materials and services in order to ensure compliance with our practices, concepts and policies, aiming to achieve greater productivity and efficiency. We have a Contractor Management System for the management of this data. In the hiring of new suppliers, social, environmental and labor issues are premises of our selection process, through specific clauses, which go beyond commercial, financial and legal issues.

## Allia (sugarcane suppliers)

Allia is a specialized support program for all stages of the sugarcane cycle offered free of charge to our suppliers and aims to share knowledge, technology and best practices to optimize production costs, increase productivity, and, with this, promote sustainable growth - for the planet, for the operation and for the business.

About 200 suppliers are part of the **Allia Program**, aimed at sharing knowledge, technology and best practices, in addition to optimizing production costs, increasing productivity and sustainable growth in business and operation.

It works as an incentive, loyalty and relationship program with suppliers. In it, we offer services and benefits to producers in search of perennial alliances of relationship and sustainability in partnerships throughout the harvests, going beyond the transfer of technology, technical agenda and recognition. The program offers practices that reduce risk and generate greater predictability for the business and is structured in three pillars:

- Meritocracy, considering the value generated by suppliers;
- Loyalty of partnerships, through long-term commercial incentives;
- Guarantee of sustainability to suppliers, including ATR 2.0, which is a unique tool in the market, by which we fix the sugarcane portion within 24 months, which ensures more stability for business planning.

Launched in 2021, the program is part of our growth strategy and has an exclusive business platform for our raw material suppliers, where different conditions are offered, such as:

- Access to credit for sugarcane treatment and planting with low interest rates;
- Selection of varietal seedlings selected for mother line planting of crops;
- Diesel transfer with competitive values;
- Agreement with partners providing inputs and services with benefits obtained by large-scale purchase;

- Barter partnership, which allows the payment of benefits with the production of sugarcane;
- Promotion of technical training events for all stages of crop management;
- Recognition awards for suppliers that meet quality criteria and meet targets.

We understand that the Allia Program has brought great learning and is experiencing an evolutionary process of continuous improvement. For the next harvests, we already plan to start a process of evaluating levels of satisfaction (NPS) with suppliers. This initiative should also involve the other suppliers of the company, in addition to the raw material partners, so that the satisfaction rates are mapped in a comprehensive manner.



## Supply chain responsibility

With the identification of slave-like labor in the supply chain, earlier this year, we found that supplier vetting processes needed to be improved to ensure that our human rights assumptions were met. We immediately suspended all contracts with manual activity in production and are reviewing the processes in this regard. We also implement new practices and participate in sectoral forums to discuss and find collective solutions to this degrading risk that involves all companies in the bioenergy sector. Considering our premises of continuous improvement, we reviewed the Supplier Development Plan aimed at the contracted companies, in order to eliminate all potential risks involving forms of child, forced or slavery-like labor.

The new plan is structured in five pillars of supplier development, which will generate a ranking to better evaluate the performance index of the contracted companies:



## Positioning

We at **BP Bunge** repudiate any irregular practice related to the health and safety of workers and do not agree with situations that expose people to degrading working conditions.

Upon becoming aware of an irregular situation with workers hired by a service provider in Edéia, GO, in March/23, we acted quickly in defense of the workers to ensure social and human priorities, promptly bearing the indemnity payments, collaborating with the authorities and rigorously ascertaining the facts and due responsibilities to conduct the necessary measures.

We immediately suspended all service contracts involving manual planting activities, again bearing all the expenses involved.

We strictly comply with the laws and regulations in force in the country and adopt the best practices and standards to develop our activities in compliance with human rights.

We treat labor rights seriously and demand the same from the companies that make up our production chain, so we have a structured process of selection, approval, audit, development and continuous improvement of our suppliers and service providers. We regret what happened and continue to review internal processes and practices to prevent events of this nature from happening again in our production chain.



**Among the mitigation measures implemented, we can highlight:**

- Prior diligence in hiring and periodic reviews;
- Contractual drafts according to **BP Bunge** standard, contemplating clauses related to the Compliance Instruction in accordance with the Supplier Manual and the Legal Requirements;
- Managers responsible for contracts with access to detailed information;
- Management Cycle Program for critical activities;
- Audit process on critical suppliers – accommodation checks and field checks as required;
- Obligation of insertion of labor documentation on a monthly basis by fixed suppliers (>90 days);
- Periodic monitoring of Third Party labor documents, according to the criticality defined by the area;
- Temporary cancellation of rural work contracts until the Risk Assessment control actions are implemented;
- Risk Analysis- the supplier is immediately disqualified from the process if it indicates any inconsistencies or does not meet the necessary requirements;
- Mobilization of the Service Provider;
- Field Audits;
- Rainbow System – where the date of birth of outsourced employees is mandatory.

**For us, respect for people is a non-negotiable value. Therefore, we decided to incorporate any and all manual activities into our activities, thus ensuring the execution of these services following the BP Bunge standards of safety and quality. We make no efforts to mitigate all risks related to the subject and will continue to work in a preventive manner, even aiming to become a model to be followed on the subject.**



# Commercial management and Customer relationships

We serve more than 20 client companies, both in Brazil and abroad, in the food, beverage and cosmetics sectors, distribution and sale of energy and fuel, among others.

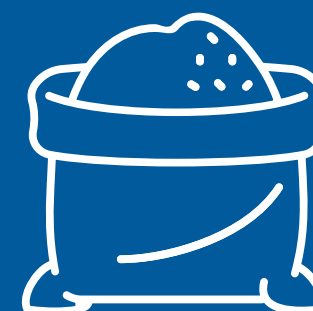
## Ethanol

Distributors, traders and customers in the sector



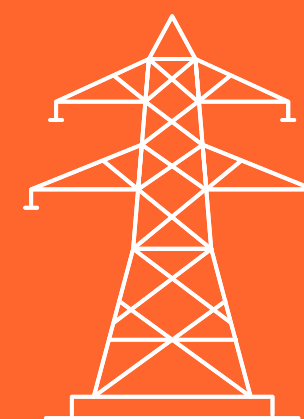
## Sugar

Tradings, beverage and food industry and crystal sugar packers



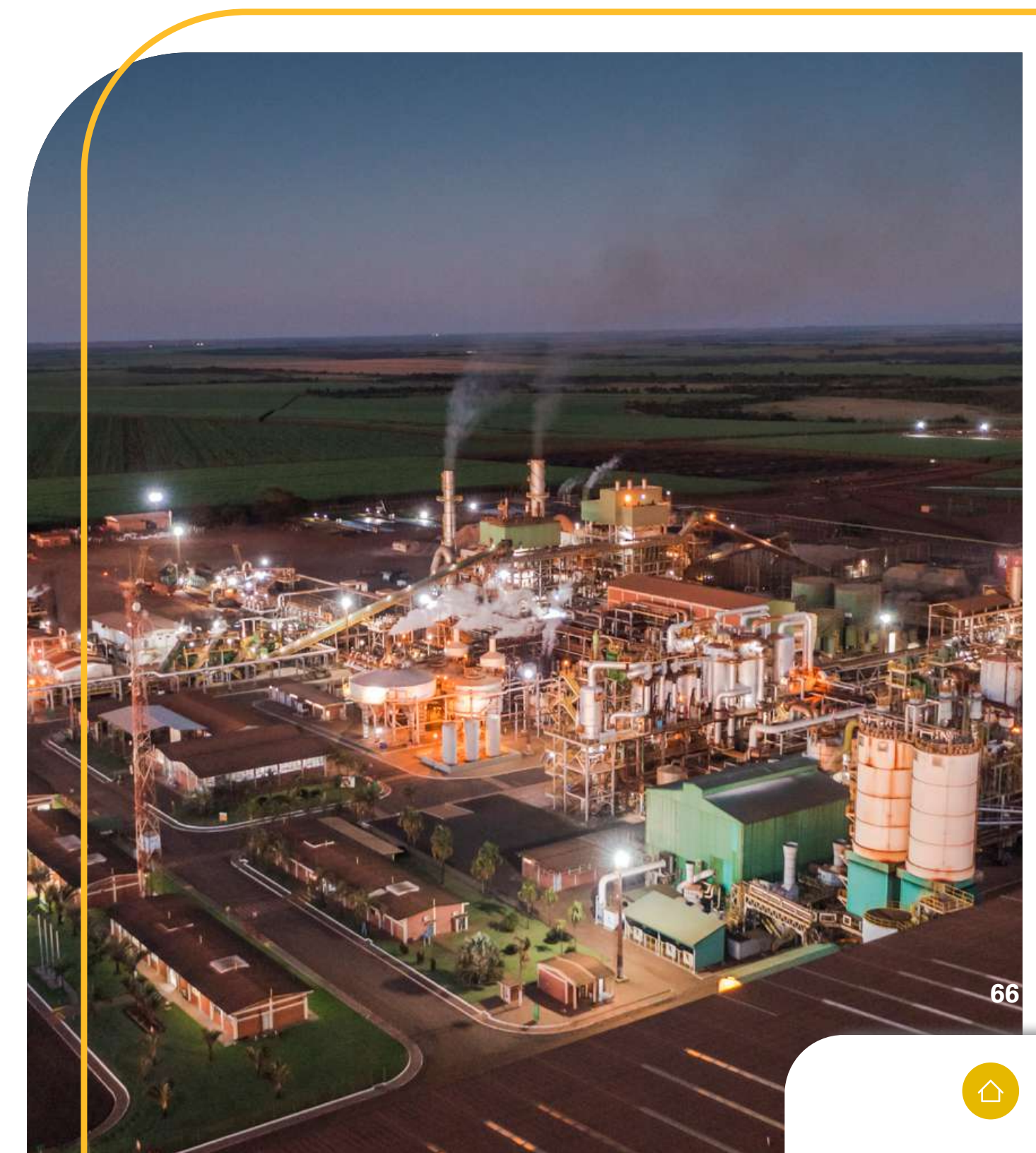
## Energy

Tradings and large energy consumers



Our commercial and market intelligence team always seeks to guarantee the best negotiations and price opportunities. We manage business processes to identify opportunities, enhance business and mitigate risks. We establish and maintain processes for commercial management based on forecasts and predictive scenarios and the prospecting of the commercialization of products.

We serve the North, Midwest and Southeast Regions of Brazil and foreign markets and we value the maintenance of lasting relationships and the delivery of high standard products, serving the most demanding markets where our customers operate.



# Environmental Commitment

Commitment to sustainability is more than a value to us. It is something that is closely connected with the nature of our business. We work with sustainable products and we were born with the direction of having sustainable development as the central axis of our performance and the basis of all our initiatives.

Therefore, environmental management at **BP Bunge** contributes not only to the essence of our business, but also to the protection of natural resources. When we support sustainable consumption and production, responsible management of natural resources and the evaluation and implementation of actions to combat climate change, we contribute to meeting the needs of present and future generations. This includes our production activities and our supply chain, with monitoring of manufacturing, marketing and distribution impacts.

We consider in our management all impacts throughout the life cycle of these products, we potentiate the positive ones and we have a series of actions to mitigate the negative impacts, fundamental criteria for the creation of long-term value and commercial viability of our products.

**In this pillar, topics such as: climate change; biodiversity management; energy resource management; water resource management; circular economy and waste management are on our radar.**

These commitments are disclosed to our stakeholders, especially through this sustainability report, publications on our website, field actions and other initiatives related to agricultural management and soil management.

# Biodiversity Protection

GRI: 3.3, 304.2, 304.3, 304.4

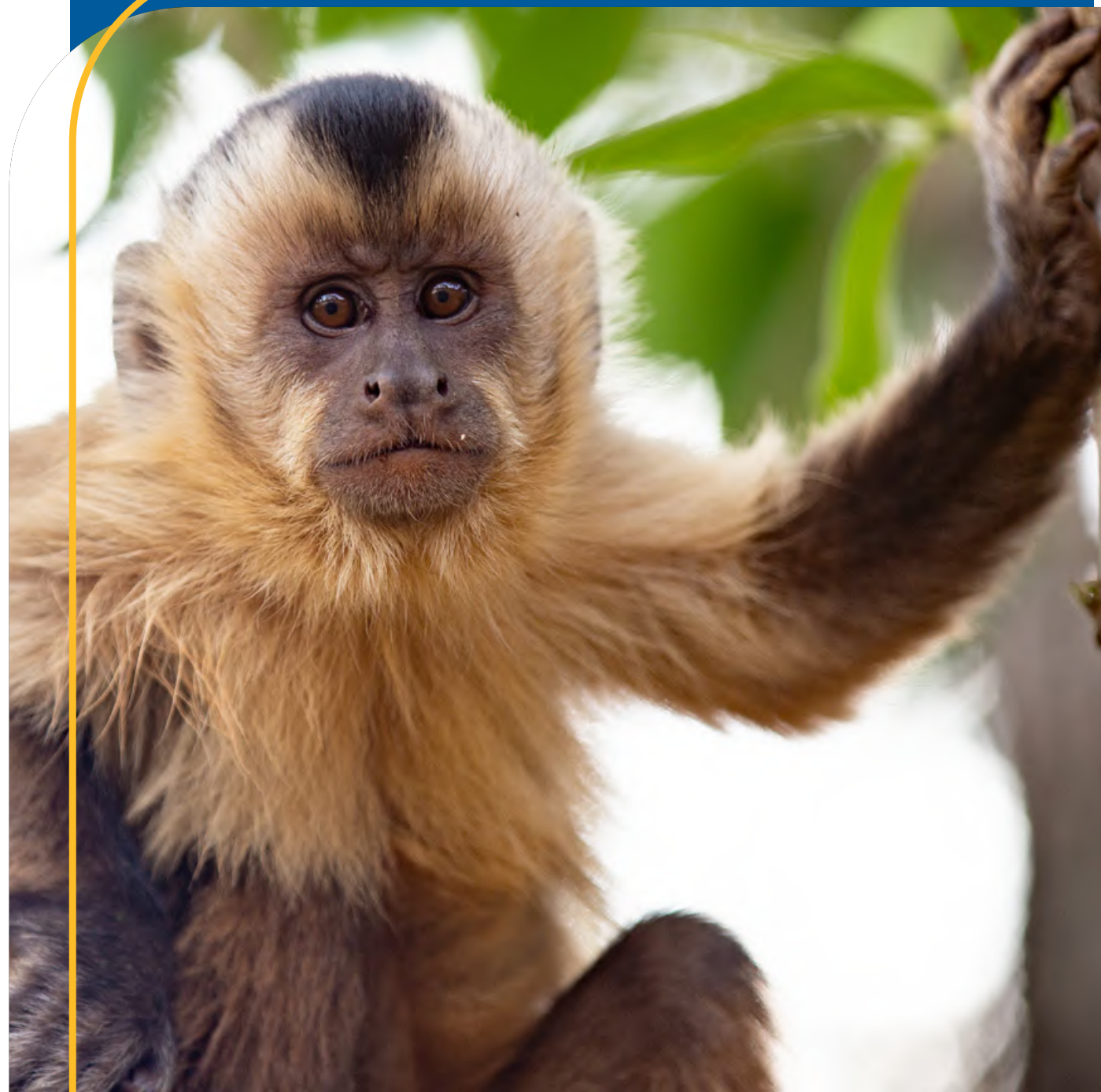
## Soil health as an environmental indicator

Our regenerative agriculture practices have the potential to increase soil health by replacing chemical inputs with biological ones in the field. We monitor the use of chemical inputs to ensure soil protection and reduce the risks inherent in the use of these materials. One of the main pillars of positive impact generation are biological control techniques, application of bacteria that solubilize phosphorus in the soil and enable the reduction of demand for chemical phosphates and nitrogen biofixation, which improves production performance. The adoption of these practices also contributes to the increase of soil microbial life, including beneficial insects, pollinators and other forms of wildlife, contributing to a more balanced ecosystem, in addition to favoring the increase of CO2 sequestration, reducing the amount of carbon dioxide in the atmosphere.

Based on the commitment to soil management, **BP Bunge's** actions are shared and carried out in line with partners and suppliers of sugarcane to improve processes in the production chain. Suppliers are communicated and assisted on best market practices aimed at increasing efficiency, soil protection and reducing the use of new areas.

The **Seedling Nursery** located at the Ituiutaba unit (MG) has an annual production capacity of 200,000 native seedlings of more than 100 species among several varieties, such as yellow ipê, pequi, jacarandá, aroeira, jatobá-do-cerrado and guava.

The nursery contributes to our commitment to plant about 2.3 million native seedlings by the year 2030, in addition to sustainable projects with local communities, such as the recovery of *Áreas de Preservação Permanente* (APP) [Permanent Preservation Areas] of springs in the State of São Paulo



In Ituiutaba, Santa Juliana and Moema facilities, we have leased areas within or adjacent to Conservation Units. The Ituiutaba facility encompasses approximately 13,603.45 hectares of arable land, part of which falls within the Buffer Zone of the Protection Integral Conservation Unit, known as the State Wildlife Refuge of the Tijuco and da Prata Rivers. The Santa Juliana facility comprises approximately 130.86315 hectares of arable land within the Environmental Protection Area (APA) of the Rio Uberaba Watershed Conservation Unit. Lastly, the Moema facility does not have any land within the Conservation Unit.

We have operations in five Brazilian states and we know the socioeconomic relevance of our activities in the municipalities where we operate, which also involves essential care for biodiversity in each of these locations.

In view of this, we carry out a series of activities, actions and projects that reflect our commitment to sustainability in the long term. We can mention some initiatives:

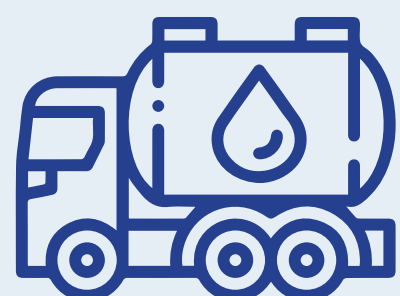
- Reforestation with native species of the Cerrado and Atlantic Forest biomes, in Permanent Preservation Areas (APP) and Legal Reserve Areas (ARL);
- Environmental Education Plan;
- Participation in the Nascentes Program, of the Government of the State of São Paulo;
- Requirement of Rural Environmental Registry (CAR) of areas with active contract;
- Fauna monitoring.

## Brigade 4.0 – Fire prevention and fighting

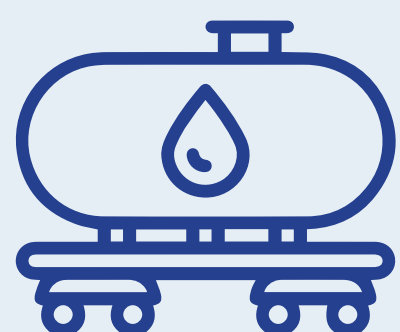
### Firefighting fleet



**97** fire trucks



**16** water trucks



**12** tankers

In addition to environmental protection and preservation initiatives, we have a fire prevention and firefighting program that will receive, by 2024, investments of BRL 30 million. The program integrates our management of potential impacts related to the protection of biodiversity and, since 2021, has already generated an average reduction of 52% of burned areas per hectare and 50% in the number of fires in areas close to the 11 plants of the group.

Although our harvest is fully mechanized and carried out without the use of fire as sugarcane management, we believe that it is vital to invest in preventive and educational actions with the communities where we have a presence, in order to reduce the number of fires and areas of fires in the sugarcane fields, which, in some regions of Brazil, still occur in periods of little rain and dry air. . These fires can have significant environmental impacts, including the release of greenhouse gases, damage to biodiversity and generation of health problems related to air quality, in addition to causing economic losses.

Our fire prevention and firefighting program is structured on the Effective Prevention, Rapid Detection, Agile Combat and Safe Action pillars, called Brigade 4.0, whose results have already been very relevant:

Average reduction of **52%** of burned areas per hectare

**50%** less occurrences of fires in areas close to the 11 plants of the group

In addition to investing in actions that include the purchase and maintenance of equipment and materials, fleet renewal, training, regular training and management of local teams, we carry out internal and external awareness campaigns in order to maximize the safety of employees and members of the communities.

We also use the technology to our advantage, with a satellite monitoring system that warns of favorable weather conditions for the increase in the spread of fire outbreaks, in addition to high definition cameras in observation towers located at strategic points for rapid fire detection, which are monitored online by the Agricultural Fire Center.

By August 2023, this technology with cameras was already installed in the units of Pedro Afonso (TO), Itumbiara and Tropical (GO), Ituiutaba (MG), in addition to Moema and Guariroba (SP), with installation, as of September, in the units Ouroeste (SP) and Santa Juliana (MG). Our investments aimed at these initiatives will be BRL 30 million by 2024, when all other units will have these resources.

### Communication Campaign

We carried out a broad communication campaign, in partnership with SIAMIG- Associação das Indústrias Sucroenergéticas de Minas Gerais, during the months of July to September 2022, with the objective of guiding our employees, especially the agricultural team, on how to act in case of fire. With this, we aim to promote greater engagement for the safety of professionals, in addition to preserving the environment and, mainly, raising awareness of the population of the municipalities where we operate about the main causes, legal implications and risks of burning the cane, giving guidance on who to call in case of fire.

The campaign was aired on billboards, radios, sound cars and digital ads and in newspapers in the region. In addition, explanatory leaflets on the dangers of this practice and forms of prevention were distributed.

# Climate change

GRI: 3.3, 305.5, 305.6

The demand for clean and renewable energy is increasing, which accelerates the search for alternatives aimed at the demands of the energy transition. We are committed to the relevance of our performance in this process, and we are prepared for this movement. Ethanol is a biofuel derived from a renewable source, sugarcane, which contributes to the reduction of GHG emissions. Replacing fossil fuels with ethanol reduces greenhouse gas (GHG) emissions by up to 90%<sup>1</sup>

There are two main impacts that we monitor as a result of our activities: GHG emissions and particulate matter emissions. To mitigate these negative impacts, we have a series of commitments around the topic, such as:

- Bonsucro Certification, which has guidelines for reducing emissions at power plants and in the chain.
- Compliance with the standards required by Conama Resolution No. 382/2006 and IBAMA Ordinance No. 85 of 1996 regarding particulate emissions.
- Since 2021, we have carried out the inventory of GHG emissions - scopes 1 and 2 - in accordance with the methodology and guidelines of the Brazilian GHG Protocol Program.

**12%** reduction in diesel consumption in the 2022/2023 harvest operations.

To advance this agenda, we commit to reduce GHG emissions from ethanol production by 10%, as well as reduce the use of diesel in sugarcane harvesting and transshipment operations under our management by 10%. Our light fleet of vehicles is fueled only with ethanol. In diesel trucks, we include the reducing agent Arla 32, a component that helps reduce nitrogen oxide emissions and, periodically, maintenance and preventive monitoring of the equipment present in the boilers are carried out to minimize atmospheric emissions.

## Emission inventory

We monitor our GHG emissions through a detailed inventory, which follows the methodology of the Brazilian GHG Protocol Program (PBGHGP). Since 2020, we have reported Scope 1 emissions, which are directly linked to our operations, as well as Scope 2 emissions, which have indirect origins from our activity.

Although the inventory has not yet been subject to external verification, we are progressively consolidating its application and considering the possibility of future validation by external entities.



Notably, agricultural activities and mobile combustion account for a significant portion of our emissions. This finding will guide our focus in the coming years, with the aim of progressively reducing specific emissions over time. In relation to our first harvest, in 2021, there was a reduction of 34% in scope 1 and 65% in scope 2. In relation to the base year, which is 2020, scope 1 had a reduction of 25% and scope 2, an increase of 1%.

We have had important reductions in diesel and nitrogen consumption in agricultural activities. We understand that the results of this year's inventory indicate an important emission reduction trend and that there are non-controllable external aspects, such as the climate, that may interfere with the total volume. However, we remain committed to the systematic reduction of emissions from our business and we believe that the initiatives presented here are in line with this purpose. In the next review of our commitments the emissions target will be revisited.

In the 21/22 harvest, climatic adversities and interruptions in the milling of some units significantly increased our scope 2 emissions, which reflect the indirect emissions resulting from the consumption of electricity, heat or steam acquired by the organization. However, in this 22/23 harvest, we present values more comparable to normal conditions, although we recognize that there are opportunities to further reduce these indicators through, for example, our energy efficiency and process optimization initiatives.

## Renovabio

All our units are certified in this program, which aims to establish annual national decarbonization targets for the fuel sector, in order to encourage the increase in the production and participation of biofuels in the country's transport energy matrix. The more biofuels used, the higher the number of bonds issued and marketed, the so-called CBios. Each CBio is equivalent to one less ton of CO<sub>2</sub> in the atmosphere.

In the 2022/2023 harvest, we made progress in strengthening Renovabio with the sale of more than BRL 168.1 million in CBios, adding up to the last three harvests.



# Water resources

GRI: 303.1, 303.2, 303.3, 303.4, 303.5

The reduction in abstraction and the rational use of water resources in the cultivation of sugarcane are crucial to ensure the availability of fresh water in the long term. Therefore, we optimize the use of water resources in the cultivation of sugarcane and in the production of sugar, ethanol and energy in order to protect this valuable resource and promote greater efficiency in our agroindustrial processes.

The reuse of water in closed circuits in the industrial process, in items such as cane washing, gas washers, boilers and water cooling, helps to reduce the capture of external sources.

We assumed, with CETESB, the commitment to reduce water collection, considering 0.72 liters per ton processed at the Moema (SP) unit. We also have other initiatives aimed at efficient water use, such as the use of vinasse in the fertigation process - a by-product of sugarcane processing in irrigation. This process also causes us to have less need for abstraction in watercourses for irrigation purposes, which contributes to soil health, reducing GHG emissions, reducing waste generation and saving water. It is worth mentioning that we have identified and eliminated all vinasse leaks that could impact rivers and streams in the vicinity of our units.

In the 2022/2023 harvest, we had a water intake of 1.15 m<sup>3</sup>/ton of ground sugarcane, while in the previous harvest we recorded 1.20 m<sup>3</sup>/ton of ground sugarcane. The accumulation of the three harvests indicates a tendency to reduce the volume of water captured in our industrial operations with an 8% drop, as a result of process improvement, the identification of water efficiency opportunities, as well as the constant search for new technologies available for more efficient processing.

## Water Intake from the Industrial Process (ML):

	2020	2021	2022
<b>Total Captured</b>	<b>34,178.10</b>	<b>28,161.85</b>	<b>29,006.76</b>
<b>Surface Water</b>	<b>31,906.87</b>	<b>26,276.48</b>	<b>26,871.38</b>
<b>Groundwater</b>	<b>2,271.23</b>	<b>1,885.37</b>	<b>2,135.38</b>



# Energy efficiency

GRI: 302.1, 302.3

## Management of energy resources

Our activities contribute directly to a more renewable energy matrix. This positive impact occurs both in the production of biofuels to supply fleets and by generating bioelectricity from sugarcane bagasse, which is even the primary source of energy for all our heating and heat exchange processes.

We have public goals related to this topic and monitor the indicators of quantities of energy consumed, generated and exported. Total energy consumption in the last harvest was 44,704,939 GJ, or in relative terms, 1.77 GJ/ton of crushed sugarcane - 9.8% higher than the previous harvest and 14% less in the accumulated of the three harvests.

We remain attentive to this goal and focused on the implementation of industrial advances, such as continuous improvement of operational efficiency and increase of crushing and yield.

## Graphical data for the 2022/23 harvest

Indicators	20/21	21/22	22/23
a. Total fuel consumption from non-renewable sources (GJ)	3,535,875	3,277,208	3,123,302
b. Total consumption of fuels from renewable sources	57,310,733	35,843,180	45,491,885
c. Electricity, heating, cooling and steam purchased for consumption	88,908	194,983	117,670
d. Total sale of electricity, heating, cooling and steam	4,676,888	3,928,513	4,027,919
e. Total energy consumption within the organization (GJ)	56,258,629	37,789,889	44,704,939

# Circular Economy and Waste Management

GRI: 306.1, 306.2, 306.3, 306.4, 306.5

In line with our commitment to enhance the circularity of sugarcane, we seek to adopt best practices with the responsible management of waste from our operations. To this end, in addition to the reuse or total reuse of the by-products of our production, we have a standardized Solid Waste Management Plan for **BP Bunge's** 11 units, which defines the guidelines for the management of our solid, liquid and pasty waste, ensuring equality of procedures and practices in our management of this issue. All waste generated is properly disposed of or sent to duly licensed companies, ensuring the mitigation of environmental impacts. Our approach ensures that waste generation does not result in substantial consequences for our operations.

The waste management process is conducted internally, and before hiring or selling, we carry out a prior analysis of the disposal options. This approach ensures compliance with regulatory requirements and the highest standards of environmental responsibility.

The environmentally sound disposal of waste from our operations is a vital part of our sustainability policy to ensure the infrastructure of human settlements built within the scope of their industrial operations, following the basic fundamentals of hygiene and conservation of ecosystems. All waste destinations and outputs are recorded and inventoried at the end of the year, culminating in the issuance of manifests or certificates of destination.

In addition, we have a monthly indicator on the generation of waste that is reported per unit, and annually we declare to state environmental agencies and Ibama the amount of waste generated and its destination.

We also carried out a continuous work to raise awareness of employees and communities about the correct generation and segregation of solid waste and, in 2022, we promoted a campaign during the environment week in schools in the locations where we operate. During this campaign, lectures on the subject were given and solid waste collector kits were donated.

All waste generated in our activities is directed to proper disposal or to licensed companies. It is also worth mentioning that non-usable hazardous waste is sent to incinerators. Thus, there are no significant impacts related to waste generation in our operations.

In the EIA/EIR of the units, the waste from the operation is characterized and, in each of them, we have the PGRS. Waste that is destined for landfill represents a small portion of what **BP Bunge** generates from waste, therefore, it does not present significant impacts.

For more on waste generation see the scorecard. Note: methodology for reporting waste data has been modified compared to the previous year



## Graphical data:

Waste						
	2022-2023		2021-2022		2020-2021	
	T. Vol	%	T. Vol	%	T. Vol	%
Total Waste (t)	9,274.34		8,012.39		6,500.99	
Class I (t)	3,327.52	36%	2,233.85	28%	1,238.45	19%
Class II (t)	5,946.82	64%	5,778.54	72%	5,262.54	21%



## Other data on waste:

Pie.....	306,125.99
Sooting.....	317,384.19
Bagasse Produced.....	7,093,402.15
Burnt Bagasse (energy production).....	6,265,873.26

**GRI 306.4 a.** Tons. of non-disposed waste

**Total 4,747.25 tons, including**

3.784,23 tons of paper, cardboard, plastics, metals, aluminum, copper, and wood.  
963,02 tons of tires, hydraulic oils, pesticide containers, fluorescent lamps, batteries, and organic waste

**GRI 306.4 b.** Tons. of hazardous non-disposed waste

**Total - 605,44 tons, including**

i- Re-refining 386,47 tons  
ii- Recycling 212,39 tons (Agrochemical packaging reverse logistics)  
iii- Co-processing 6,58 tons

**GRI 306.4 c.** Tons. of non-hazardous non-disposed waste

**Total - 4,141.81 tons**

Recycling- 4.084,28 tons  
Other Waste- 57,53 tons (composting, reverse logistics system, and others)

**GRI 306.5 a.** Tons. of disposed waste

**Total 4,527.09 tons, including**

2.722,08 tons Class I and  
1.805,01 tons Class II

**GRI 306.5 b.** Tons. of hazardous disposed waste

**Total 2,722.08 tons**

703,94 tons Incineration (energy recovery)  
2.018,14 tons Landfill

**GRI 306.5 c.** Tons. of non-hazardous disposed waste

**Total Class II 1.805,01**

289,64 tons Incineration (energy recovery)  
1.515,37 tons Landfill

# Summary of GRI Indicators

Standards	Disclosure	Page	Answer		
2	The organization and its reporting practices	2.1	Organizational details	7, 17	
		2.2	Entities included in the organization's sustainability reporting	7, 19	
		2.3	Reporting period, frequency and contact point	7	
		2.4	Restatements of information	8	
		2.5	External assurance	7	
	Activities and workers	2.6	Activities, value chain and other business relationships	20	
		2.7	Employees	39	
		2.8	Workers who are not employees		BP Bunge does not directly manage the outsourced Workers.
	Governance	2.9	Governance structure and composition	26, 27	
		2.10	Nomination and selection of the highest governance body	26	
		2.11	Chair of the highest governance body	26	
		2.12	Role of the highest governance body in overseeing the management of impacts	26	
		2.13	Delegation of responsibility for managing impacts	26	
		2.14	Role of the highest governance body in sustainability reporting	7	
		2.15	Conflicts of interest		The process to ensure the prevention and mitigation of conflicts of interest is provided for in some internal procedures such as: Related Party Transaction Policy, Shareholders Agreement, Business Combination Agreement and Company Bylaws
		2.16	Communication of critical concerns	26	
		2.17	Collective knowledge of the highest governance body	26	
		2.18	Evaluation of the performance of the highest governance body	26	
		2.19	Remuneration policies		Not available.
		2.20	Process to determine remuneration		There is a remuneration committee in which we have representatives from the companies that make up the Joint Venture (BP and Bunge) where strategic topics, such as remuneration, are analyzed and the resolutions are debated by the Board of BP Bunge Bioenergia.
		2.21	Annual total compensation ratio		Not available. Confidential information.

2	Strategy, policies and practices	2.22	Statement on sustainable development strategy	3	
		2.23	Policy commitments	8	
		2.24	Embedding policy commitments	8	
		2.25	Processes to remediate negative impacts	34, 38	
		2.26	Mechanisms for seeking advice and raising concerns	29	
		2.27	Compliance with laws and regulations	29	
	2.28	Membership associations	36, 38		
	Stakeholder engagement	2.29	Approach to stakeholder engagement	11, 36, 38	
2.30		Collective bargaining agreements	48		
3	Material Topics	3.1	Process to determine material topics	8	
		3.2	List of material topics	8	
		3.3	Management of material topics	3, 8, 39, 55, 62, 68, 70	
201	Economic Performance	201-1	Direct economic value generated and distributed	5, 6, 55	
		201-2	Financial implications and other risks and opportunities due to climate change		Not available.
		201-3	Defined benefit plan obligations and other retirement plans		We have specific funds managed by an open entity. The calculations are provided for in the plan regulations; The percentage of the salary contributed by the employee or employer varies between 0.5 and 8% considering the range of 1st and 2nd salary contained in the plan regulations. The retirement plan participation level is less than 10%.
		201-4	Financial assistance received from government	54	
202	Market Presence	202-1	Ratios of standard entry level wage by gender compared to local minimum wage		Not applicable.
		202-2	Proportion of senior management hired from the local community		Our directors are hired at the SP office, with the exception of 1 who is hired at Usina Moema (one of the largest in the Group).
203	Indirect Economic Impacts	203-1	Infrastructure investments and services supported	54	
		203-2	Significant indirect economic impacts	15, 16, 51	
204	Procurement Practices	204-1	Proportion of spending on local suppliers	11	
205	Anti-corruption	205-1	Operations assessed for risks related to corruption		80% of operations were evaluated and the significant risks related to corruption identified by risk assessment are: - Payment of Facilities - Money laundry - Slush fund
		205-2	Communication and training about anti-corruption policies and procedures	33	
		205-3	Confirmed incidents of corruption and actions taken	33	
206	Anti-competitive Behavior	206-1	Legal actions for anti-competitive behavior, anti trust, and monopoly practices	33	
207	Tax	207-1	Approach to tax	32	
		207-2	Tax governance, control, and risk management	31, 32	
		207-3	Stakeholder engagement and management of concerns related to tax	32	
		207-4	Country-by-country reporting		Not applicable.

301	Materials	301-1	Materials used by weight or volume		Not available.	
		301-2	Recycled input materials used		Not available.	
		301-3	Reclaimed products and their packaging materials		Not available.	
302	Energy	302.1	Energy consumption within the organization	14, 73		
		302.2	Energy consumption outside of the organization	13	Fuel consumption outside the company is understood as the consumption of ethanol by the light fleet for trips to activities related to the organization's economic activity equal to 53,907 GJ; Hydrated ethanol density = 0.789 kg/l; consumption in kg = 2,695,352; *Source of conversion factors used: Sistema internacional de medidas + E. HUGOT, sugarcane engineering handbook, 1979.	
		302.3	Energy intensity	73		
		302.4	Reduction of energy consumption		Not applicable.	
		302.5	Reductions in energy requirements of products and services		Not applicable.	
303	Water and Effluents	303.1	Interactions with water as a shared resource	72		
		303.2	Management of water discharge-related impacts	72		
		303.3	Water withdrawal	15, 72		
		303.4	Water discharge	72		
		303.5	Water consumption	72		
304	Biodiversity	304.1	Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas		In three agro-industrial Units, we have leased areas surrounding conservation units, namely: Ituiutaba, Santa Juliana and Moema Units. The Ituiutaba Unit has approximately 13,603.45ha of arable area within the Buffer Zone of the Integral Protection Conservation Unit known as Refúgio da Vida Silvestre Estadual dos Rios Tijuco e da Prata. The Santa Juliana unit has approximately 130.86315ha of arable area within the Conservation Unit Environmental Protection Area (APA) of the Uberaba River Basin. Moema Unit does not have an area within the Conservation Unit, only a nearby area.  Type of operation: sugarcane cultivation.	
		304.2	Significant impacts of activities, products and services on biodiversity	14, 68		
		304.3	Habitats protected or restored	68		
		304.4	IUCN Red List species and national conservation list species with habitats in areas affected by operations	68		

305	Emissions	305.1	Direct (Scope 1) GHG emissions	13	Gases included in the calculation:CO2, CH4, N2O, HFCs, PFCs, SF6, NF3; Biogenic CO2 emissions: 6152314,99 tCO2-e;  Source of emission factors and global warming potential (GWP) indices used or a reference to the source of GWP: Kyoto Protocol gases: Carbon dioxide (CO2); Methane (CH4); Nitrous oxide (N2O); Sulfur hexafluoride (SF6); Hydrofluorocarbons (HFCs);Perfluorocarbons (PFCs);
		305.2	Energy indirect (Scope 2) GHG emissions	13	Source of emission factors and global warming potential (GWP) indices used or a reference to the source of GWP: Kyoto Protocol gases: Carbon dioxide (CO2); Methane (CH4); Nitrous oxide (N2O); Sulfur hexafluoride (SF6); Hydrofluorocarbons (HFCs);Perfluorocarbons (PFCs).
		305.3	Other indirect (Scope 3) GHG emissions		Not available.
		305.4	GHG emissions intensity		Milling from March 2022 to December 2022 = 25,029,407.4 tCO2-e; Emissions intensity = Emissions in Tons of CO2eq/ Milling; Emissions intensity = 0.020 ton. CO2eq/ton.can
		305.5	Reduction of GHG emissions	70	
		305.6	Emissions of ozone-depleting substances (ODS)	70	
		305.7	Nitrogen oxides (NOx), sulfur oxides (SOx), and other significant air emissions		NOX: 3142,02t SOX: 3587,82t
306	Waste	306-1	Waste generation and significant waste-related impacts	74	
		306-2	Management of significant waste-related impacts	74	
		306-3	Waste generated	74	
		306-4	Waste diverted from disposal	14, 74	
		306-5	Waste directed to disposal	74	
308	Supplier Environmental Assessment	308-1	New suppliers that were screened using environmental criteria	62	
		308-2	Negative environmental impacts in the supply chain and actions taken		Number of suppliers evaluated regarding environmental impacts:1360 service providers.  No supplier was identified as causing negative environmental impacts.
401	Employment	401-1	New employee hires and employee turnover	39	
		401-2	Benefits provided to full-time employees that are not provided to temporary or parttime employees	41	
		401-3	Parental leave	41	
402	Labor/Management Relations	402-1	Minimum notice periods regarding operational changes		We do not have a formally specified deadline in collective bargaining agreements.

403	Occupational Health and Safety	403-1	Occupational health and safety management system	42	
		403-2	Hazard identification, risk assessment, and incident investigation	31, 42	
		403-3	Occupational health services		BP Bunge has, in all its units, dedicated Health teams made up of Nursing Technicians, Nurses and Doctors, who periodically evaluate, in accordance with PCMSO, all its employees through specific exams to identify possible damage to health resulting from work. If any situation is identified that indicates harm to the employee's health, it is treated according to specialized medical supervision.
		403-4	Worker participation, consultation, and communication on occupational health and safety		There is no formal process for worker participation in the development, implementation and evaluation of the occupational health and safety management system.  We have an internal Accident Prevention Committee (Industrial and Agricultural). These committees are made up of members elected by workers and appointed by the employer, in accordance with NR-5 and NR-31. CIPA/CIPATR holds regular monthly meetings, according to the pre-established calendar. Extraordinary meetings may be called as necessary. Among the responsibilities of CIPA/CIPATR we have: (i) checking the environments and working conditions in order to identify situations that may pose risks to the safety and health of workers; (ii) define an action plan to prevent risks related to health and safety; (iii) promote together with SESMT the Internal Week for the Prevention of Accidents at Work - SIPAT/SIPATR.
		403-5	Worker training on occupational health and safety	42	
		403-6	Promotion of worker health		The company offers a health plan to all employees. The operational units have a nursing team 24 hours a day and an occupational doctor on alternating periods.  Additionally, we have Conexão Bem Estar, a health promotion program.
		403-7	Prevention and mitigation of occupational health and safety impacts directly linked by business relationships		For all service providers, documents related to the health conditions of employees are required and evaluated, such as hiring and periodic exams.
		403-8	Workers covered by an occupational health and safety management system	42	
		403-9	Work-related injuries	11, 42	
		403-10	Work-related ill health		Number and rate of deaths resulting from occupational diseases: 0 Number of cases of occupational diseases that must be reported: 0  Hazards that pose a risk of occupational diseases are identified through annual mapping of risks associated with the business. Qualitative and quantitative assessment of risks using appropriate methodology.  The measures taken or in progress to eliminate the danger and minimize the risks involve analysis of the cause, collective protection measures and review of personal protective equipment.
404	Training and Education	404-1	Average hours of training per year per employee	43	
		404-2	Programs for upgrading employee skills and transition assistance programs	43, 45, 46	
		404-3	Percentage of employees receiving regular performance and career development reviews	43	
405	Diversity and Equal Opportunity	405-1	Diversity of governance bodies and employees	49	
		405-2	Ratio of basic salary and remuneration of women to men		Proportion between the base salary and remuneration received by women and those received by men for each functional category considering the entire company  Female x Male: Executive Director (-18%) Director (+6%) SR Manager (-6%) Consultant (0%) Coordinator (+11%) Specialists (+8%) Other levels ( +8%)



406	Non-discrimination	406-1	Incidents of discrimination and corrective actions taken		There were no cases of discrimination.
407	Freedom of Association and Collective Bargaining	407-1	Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk		100% of the suppliers have the right to exercise freedom of association or collective bargaining. We do not have a specific survey for activities with the potential to violate human rights, but we carry out a reputational risk analysis for service providers.
408	Child Labor	408-1	Operations and suppliers at significant risk for incidents of child labor		Zero
409	Forced or Compulsory Labor	409-1	Operations and suppliers at significant risk for incidents of forced or compulsory labor		Operations and suppliers that may present significant risks of cases of forced or compulsory labor: Agricultural Manual Planting Near the Power Plants  Measures taken by the organization during the reporting period to contribute to the elimination of all forms of forced or compulsory labor: - Supplier Manual; - Contractual Drafts; - Risk Analysis; - Mobilization of the Service Provider - Field Audits; - Documentary Analysis of the Company and Employee.
410	Security Practices	410-1	Security personnel trained in human rights policies or procedures		Not available.
411	Rights of Indigenous Peoples	411-1	Incidents of violations involving rights of indigenous peoples		Not available.
413	Local Communities	413-1	Operations with local community engagement, impact assessments, and development programs	51	
413		413-2	Operations with significant actual and potential negative impacts on local communities		Not available.
414	Supplier Social Assessment	414-1	New suppliers that were screened using social criteria	62	
		414-2	Negative social impacts in the supply chain and actions taken	62	
415	Public Policy	415-1	Political contributions		Not available.
416	Customer Health and Safety	416-1	Assessment of the health and safety impacts of product and service categories		Not available.
		416-2	Incidents of non-compliance concerning the health and safety impacts of products and services		Not available.
417	Marketing and Labeling	417-1	Requirements for product and service information and labeling		Not available.
		417-2	Incidents of non-compliance concerning product and service information and labeling		Not available.
		417-3	Incidents of non-compliance concerning marketing communications		Not available.
418	Customer Privacy	418-1	Substantiated complaints concerning breaches of customer privacy and losses of customer data		Not available.





**CLAIM OF INDEPENDENT VERIFICATION – BUREAU VERITAS**

**INTRODUCTION**

Bureau Veritas Certification Brasil (Bureau Veritas) was contracted by BP BUNGE BIOENERGIA S.A. (BP BUNGE BIOENERGIA) to conduct an independent verification of its 2022 Sustainability Report (hereinafter referred to as the Report).

The information published in the report is the sole responsibility of BP BUNGE BIOENERGIA's management. Our responsibility is defined according to the scope below.

**SCOPE OF WORK**

The scope of this verification covered the Global Reporting<sup>1</sup> Initiative™ standards and Principles for Sustainability Reporting and refers to the accountability for the period from 04/01/2022 to 03/30/2023 (Harvest 22/23).

**RESPONSIBILITIES OF BP BUNGE BIOENERGIA AND BUREAU VERITAS**

The preparation, presentation and content of the Report are the sole responsibility of BP BUNGE BIOENERGIA's management. Bureau Veritas is responsible for providing an independent opinion to Stakeholders in accordance with the scope of work defined in this claim.

**METHODOLOGY**

The verification covered the following activities:

1. Interviews with those responsible for the material topics and the content of the Report;
2. Remote verification of BP BUNGE BIOENERGIA's corporate and operational processes;
3. Analysis of documentary evidence provided by BP BUNGE BIOENERGIA for the period covered by the Report (2022/2023);
4. Evaluation of the systems used to compile data;
5. Analysis of engagement activities with stakeholders developed by BP BUNGE BIOENERGIA;

6. Evaluation of the system used to determine the material aspects included in the Report, considering the context of sustainability and scope of the published information.

The verification level adopted was Limited, according to the requirements of the ISAE 3000<sup>2</sup> standard, incorporated into Bureau Veritas' internal verification protocols.

**LIMITATIONS AND EXCLUSIONS**

Excluded from this verification was any evaluations of information related to:

- Activities outside the reported period;
- Position claims (expressions of opinion, belief, objectives or future intentions) by BP BUNGE BIOENERGIA;
- Accuracy of economic and financial data contained in this Report, extracted from financial statements, verified by independent auditors;
- Greenhouse Gas (GHG) emissions inventory (Not externally verified);
- Data and information from affiliated companies, over which there is no operational control by BP BUNGE BIOENERGIA.

The following limitations were applied to this verification:

- Data reliability was checked on a sample basis, exclusively in light of the information and data related to the material topics presented in the Report;
- The economic information presented in the Report was specifically verified against the principles of Balance and Completeness of the GRI.

**OPINION ON THE REPORT AND THE VERIFICATION PROCESS**

- Throughout the verification process we found a reliable system of data collection and consolidation that make up the Report. Those responsible for the material topics, who responded to the verification, demonstrated adequate knowledge about the indicators and the process of preparing the Report;

- BP Bunge Bioenergia carried out its materiality matrix in the 2020/2021 Harvest period. In the last verification cycle (21/22), it was recommended that the organization proceed with the continuity of the consultation process in order to expand the sampling to other interested audiences, since the initial methodology adopted allowed a relative sampling regarding the main impacts of the company's activities, considering that the adherence to the survey was higher among the organization's senior management and opinion leaders. We found that BP Bunge continues to prioritize the 12 themes listed in the initial study, as they make up the company's 2030 strategy. However, there was no expansion of the scope of the consultation audience to define material topics, as the organization intends to update the entire materiality study in the 24/25 Harvest;

**Recommendation:** Implement the continuity of the materiality study, in order to expand the sampling to other interested audiences such as employees, local communities, Service Providers and Class/sectoral Associations, as well as the main concerns of stakeholders and topics raised, in a more complete way;

- Regarding the theme local communities, we show that the organization started a process of recognition of local communities through a social diagnosis. However, the study is ongoing and it is not possible to determine the real local needs, as well as the mitigations that the organization will need to implement to address the impacts caused on local communities;

**Recommendation:** Present an objective description of the communication process with local communities, making the strategy on impact identification, community mapping and communication channel with the local community (neighborhoods as a whole) more transparent, according to indicator GRI 413-1;

- We found that in the Report the data of the thematic indicators, related to the impacts, of the organization, for the most part, bring contextual information for the interpretation of the current contents, thus not presenting the historical data, thus not applying the principle of comparability according to GRI 1 grounds;

1. Materiality, Stakeholder Inclusion, Sustainability Context, Completeness, Balance, Comparability, Accuracy, Timeliness, Clarity and Reliability

2. International Standard on Assurance Engagements 3000 – Assurance Engagements other than Audits or Reviews of Historical Financial Information



**Recommendation:** For the next cycle of the Report, the organization reports the historical data of all thematic indicators, from at least two previous periods, in order to allow an analysis of changes in the organization's impacts over time.

- Regarding the identification of slave-like work in the supply chain at the beginning of 2023, we found that the Organization reviewed its processes and absorbed manual planting activities from its operations, eliminating this activity from outsourced operations. Finally, we verified that all necessary measures have been taken together with the responsible authorities;

- Regarding risks and opportunities related to biodiversity and ecosystem services, we found that the Report presents qualitative information, especially on opportunities, not deepening the risk scenarios;

**Recommendation:** Present the negative aspects in the presentation of BP Bunge's impacts on biodiversity, thus bringing greater balance in the reported information;

- We highlight that the organization has protection and preservation projects for biodiversity with the effort to fight forest fires through the Brigade 4.0 program, where it was possible to verify an average reduction of 52% of burned areas per hectare and 50% of the number of fires in areas close to the group's plants.

- Regarding Indicator 303-3 "Water catchment", the data presented in the report refer to the water catchment of the industrial process, not including the water catchment for the irrigation process of the sugarcane plantation. It should be noted that the company has been working on optimizing the use of water resources for both the industrial process and the irrigation process in agriculture.

**Recommendation:** We recommend that the organization report water catchment for the irrigation process of the sugarcane plantation, in order to evaluate all its impacts on water quality and availability, due to the fact that these factors change over time;

- The data presented to meet the GHG emissions indicators are part of BP Bunge's GHG emissions inventory. However, this inventory was not verified through an independent assurance process;

**Recommendation:** Strategically evaluate the external verification of the GHG Inventory for data reliability purposes;

- Also on the issue of emissions, we found that BP Bunge made progress in consolidating the data referring to indicator 305-7 (NOx, SOx and other significant atmospheric emissions), demonstrating

greater management on the subject. However, it was not possible to evaluate the principle of comparability over time in order to allow the organization to monitor its impacts and evaluate the needs for improvement according to the identified deviation;

**Recommendation:** We recommend that the organization demonstrate strategies to comply with the GRI 305-7 indicator (NOx, SOx and other significant atmospheric emissions), making it possible to evaluate the principle of comparability over time, as well as its evaluations and decisions based on results;

- We found that the organization reduced emissions as a result of the reduction in diesel and nitrogen consumption in its agricultural activities. However, we identified that there was a reduction in its energy efficiency compared to the last three harvests;

**Recommendation:** Implement and demonstrate strategies with opportunities to increase energy efficiency within the agricultural process by reviewing commitments and targets within the organization;

- With regard to indicator 403-9 (Accidents at work), we identified the recurrence of accidents that led workers to death in the last three harvests. However, we also verified efforts and initiatives carried out by the organization, in order to act on this topic, such as investments directed to processes, training for leadership and operation, inclusion of safety-related competence in formal leadership attributes, conducting safety dialogues with senior leadership, implementation of targeted essential rules;

**Recommendation:** Develop and implement metrics to evaluate the effectiveness of the actions defined as a result of accidents, in order to verify whether the proposed objectives have been achieved, as well as to evaluate possible failures and opportunities for improvement in its action plan, in order to act systematically on the causes and recurrences of serious accidents;

- Regarding Indicator 404-3 "Workers who have received regular performance and career development evaluation", we found that the organization reports and maintains a process to identify, monitor and evaluate employees only at leadership levels. The operational level is not covered by the organization's performance evaluation system. It was also found that the company does not report the percentage indexes of the 404-3 requirement, not allowing an analysis of how representative the scope is within the company's total number of workers.

**Recommendation:** The organization should report in the next cycle the percentage data requested in requirement 404-3, as well as evaluate the scope of the performance evaluation program.

- In compliance with GRI 205-2 (Combating Corruption), BP Bunge demonstrated the communication of the anti-corruption procedures and policy adopted by the organization, with regard to the total number and percentage of members of the governance body;

- We highlight that BP Bunge reports data referring to the GRI 201 Economic Performance indicator and that its Financial Statement is externally verified. However, it was not possible to evidence and ensure the reliability of the information regarding requirement 201-2 Financial implications and other risks and opportunities arising from climate change.

**Recommendation:** Demonstrate for the next cycle, data regarding the management of requirement 201-2 Financial implications and other risks and opportunities arising from climate change", so that it is evidenced that the organization establishes the identification of risks associated with climate change as well as the necessary mitigation for this purpose.

#### CONCLUSION

As a result of our verification process, nothing has come to our attention that could indicate that:

- The information provided in the Report is not balanced, consistent and reliable;
- BP BUNGE BIOENERGIA has not established appropriate systems for collecting, compiling and analyzing the quantitative and qualitative data used in the Report;
- The Report does not adhere to the Principles for defining the content and quality of the GRI Standard for sustainability reporting.

#### CLAIM OF INDEPENDENCE AND IMPARTIALITY

Bureau Veritas Certification is an independent professional services company specializing in Quality, Health, Safety, Social and Environmental management with over 185 years of experience in independent evaluation services.

Bureau Veritas has implemented and enforces a Code of Ethics throughout its business to ensure that its employees maintain the highest standards in their day-to-day activities. We are particularly attentive to prevention when it comes to conflicts of interest.

The verification team has no other link with BP BUNGE BIOENERGIA, other than the independent verification of the Sustainability Report. We understand that there is no conflict between other services performed by Bureau Veritas and this verification carried out by our team.

The team that conducted this verification for BP BUNGE BIOENERGIA has extensive knowledge in verifying information and systems involving environmental, social, health, safety and ethical issues, which combined with experience in these areas, gives us a clear understanding of the presentation and verification of good corporate responsibility practices.

**CONTACT**

<https://certification.bureauveritas.com.br/fale-conosco/>

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Anna Carolina Guedes da Silva  
Lead Auditor Assurance Sustainability Reports (ASR)  
Bureau Veritas Certification – Brazil



Bruno Moreira  
Technical Manager  
Bureau Veritas Certification – Brazil

**General coordination and management:** ESG Team, Communication and Institutional Relations  
BP Bunge Bioenergia

**Content and indicators consultant:** Way Carbon

**Content, translation, graphic design and layout consultant:** Trama Comunicação

**Image bank:** BP Bunge

**External Assurance:** Bureau Veritas



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