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SUSTAINABILITY REPORT 2020/2021 CROP YEAR

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Our identity

BP Bunge Bioenergia's organizational culture lies at its heart, and sets out its principles and values and how we do business and treat our employees, customers, suppliers, society and the planet. These are shared habits and beliefs that express who we are as an organization.





We operate to the highest standards of safety - We look after each other (employees, suppliers, partners and communities) - We don't put profit before safety - We understand and manage our risks - Our goal is for all employees to go home to their families safely.



Integrity

We honor and perform our commitments -Integrity is the basis of everything we do - We comply with the law and are ethical and fair - We do the right thing.



Excellence

We incessantly strive to be the best at what we do - We nurture innovation, entrepreneurship and continuous improvement - We act in an engaged way for the benefit of the growth and improvement of the Company - We continuously develop our employees and stimulate their growth.



Respect

We respect the environment and people in all their diversity -We are open to the difference of opinions.



A Team

We have a common purpose - We collaborate with each other - We celebrate our achievements and learn together - We believe that collective success is more important than individual success.



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Introduction

Our overriding commitment is to a future with more clean energy and sustainable production processes. We now begin revealing this journey in our first Sustainability Report for the 2020/2021 crop season (April 01, 2020 to March 31, 2021), which showcases our operation and BP Bunge Bioenergia's way of doing business and reports to our stakeholders, the market and society in general.

Updated every crop year and available in both Portuguese and English (<u>www.bpbunge.com.br/</u> <u>sustentabilidade</u>), the report presents both financial and non-financial information in accordance with the Core option of the Global Reporting Initiative (GRI) Standards. We also reference and report on our contributions to the Sustainable Development Goals (SDGs).

The Financial Statements comprising the consolidated financials published in this report have been prepared in accordance with accounting practices adopted in Brazil and International Financial Reporting Standards (IFRS). Non-financial disclosures have not been independently audited.

We will monitor our commitments and initiatives over the years ahead with the support of our indicators, and results will be consolidated each crop year and published in our Sustainability Report. Please direct any comments, queries or suggestions about this Report to <u>relatoriodesustentabilidade@</u> <u>bpbungebio.com.br.</u>

How to navigate this Report

Use the summary on the left to navigate through the chapters or the arrow icons to move pages up and down. For additional information see the GRI Content Table.



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bpbunge bioenergia

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Message from our leadership GRI-102-14, 102-15 AND 102-49

Our first harvest season began as the world was reeling from the onset of COVID-19 and the resulting uncertainties, economic turbulence, and irreparable losses of human life. The challenges presented by the pandemic required companies to launch a permanent crisis management effort in response. At BP Bunge Bioenergia, our efforts were focused on two fronts: protecting people, including employees, outsourced workers and their families; and initiatives to aid communities where we operate and to mitigate the risks of business disruptions. We set up crisis committees to develop health protocols and prevention barriers and to adapt our administrative and operational processes for COVID-19 safety. Our response was supported by employees and business partners, and aligned with legal requirements, good practices and lessons learned - with the safety, health and well-being of people as priorities.

As an essential service, we took steps to keep our operations running and producing needed food commodities, bioelectricity and biofuels. Added to the pandemic was the challenge of managing our first harvest post-joint venture, as we continued to integrate people, processes, procedures, systems and cultures. In people management, we worked to consolidate a unified culture underpinned by a clear set of values including Safety, Respect, Integrity, Excellence and A Team. Through internal surveys and consultations, we elicited our employees' views to understand our strengths and any areas for improvement.

We strengthened our organizational culture with a focus on Safety - a core value and an imperative in our operations and in our teams' work routines. Identifying risks and preventing accidents, injuries and environmental damage is the basis of safe, highperformance operations, but is more importantly the way we protect lives and strengthen human, social and environmental development. We take an integrated approach to safety that includes culture, behaviors, processes, and risk assessment tools and controls, while always striving for continuous improvement.

In 2020 we worked to strengthen our production capabilities, deliver strong operating and financial results, improve cane-field yields, and progress in integration through a structured program to capture synergies in excess of R\$ 1 billion, involving around 1,200 initiatives.

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Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

And while recognizing the significant economic difficulties and losses sustained in Brazil and globally, as we look back at our first crop year from a business standpoint, we would be remiss not to recognize especially on behalf of those who dedicated their energy throughout the year - the milestone it was to complete our first harvest with excellent financial and operational results.

Our performance in crop year 2020/2021 have delivered on the vision that led our shareholders - bp and Bunge - to combine their sugar and ethanol assets to form BP Bunge Bioenergia, the second largest player in the industry by effective crushing volume (32.4 million metric tons of crush capacity in crop year 2020/2021). Our company has enormous potential to support the development of our industry as well as social, environmental and economic development in Brazil. More than a responsibility, we recognize that our purpose as a Company - to cultivate the sustainable energy that powers the world - is aligned with Brazil's and global ambitions to decarbonize the economy. Brazil is one of the world's largest and fastest growing markets for low-carbon biofuels, and one of the countries with the greatest potential in the renewable energy segment.

Biofuels can play an extremely relevant role in a lowcarbon energy system, the growth of which is critical for an effective and clean energy transition.

Our company was founded with a vision to be a leading player in sustainable energy. More than just an aspiration, this vision serves as a guidepost in managing and operating the business. Throughout crop year 2020/2021 we identified the contributions that we can make for present and future generations. Drawing inputs from employees and external stakeholders, we translated these contributions into an agenda with long-term commitments to 2030, ensuring our business is aligned with sustainable development across the pillars of governance, people, prosperity and planet.

In this context, I am pleased to report our progress within the RenovaBio Program, a government sustainability mechanism that recognizes the environmental benefits of biofuels through decarbonization credits, and has enormous potential to support the decarbonization of Brazil's economy.

Sustainability development is an imperative, and as a renewable energy business we know that we can - and must - do our part.

Mario Lindenhayn

Executive Chairman and Chairman of the Board





Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

The first period since the formation of BP Bunge Bioenergia has been a major milestone for all of us, as we integrated two century-old companies to create a new and unified sugar and ethanol business.

Few could have imagined that, just a few months after the joint venture was formed, the world would be shaken by the novel coronavirus pandemic and the resulting losses and hardship for families around the world, many of whom would lose loved ones to COVID-19.

The pandemic created increased economic uncertainties and required readiness, resilience, adaptability and new ways of thinking and doing business.



At BP Bunge Bioenergia it was no different. The economic slowdown caused by the pandemic, and the resulting slump in consumption of and prices on one of our flagship products - ethanol - required additional efforts during the integration period.

But thanks to the dedication, competence and efforts of our teams, we successfully navigated the challenges created by the pandemic and delivered strong results at the end of the crop year. This was partly due to external factors, such as demand and foreign exchange rates, but also largely driven by internal factors, including our ability to improve productivity and operating efficiency, a successful commercial strategy, and sound financial health and planning.

As part of the integration process, we completed the unification of key systems and priority processes as an important step in the consolidation that will prepare the Company for the next cycle.

Our goal in this new cycle will be to maximize value capture from operational and financial synergies, including through gains of scale, process standardization, implementation of best practices, technological optimization, and building operational capabilities across the business.

We are well poised to support Brazil's growing demand for low-carbon bioenergy. Our organizational Values - Safety, Excellence, Integrity, Respect and A Team - guide us in driving best practices and ethical and fair business, with a focus on safety, efficiency and sustainability. We see Safety as a core value and it is our priority. We are therefore maintaining our focus on continually improving our Safety results, reinforcing our commitment to progressively improve our Safety Journey throughout our value chain. Tragically, we had one fatality during the 2020/2021 crop, related to a contractor professional. We deeply regret this loss and offer our deepest condolences to the family members.

On the social front, apart from supporting jobs, we help people to develop professional skills and contribute to the development of our communities. This continued during the pandemic through partnerships and special projects, donations and joint initiatives with other companies and municipal agencies.

We believe that, across our initiatives, sustainability is at the heart of our business. It is embedded in our planning, our projects and our agricultural and industrial practices; it spans across the economic, governance and environmental dimensions, as well as supporting social development. Based on this positioning, and to guide our initiatives, we have established a long-term agenda that we call Our 2030 Commitments.

We will continue this journey guided by our purpose and our aspiration to contribute to a more sustainable world.

Geovane Consul, CEO

bpbunge bioenergia

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Highlights in the crop year

Our first harvest

Formed in December 2019 through a joint venture that combines the sugar and renewables businesses of bp and Bunge, BP Bunge Bioenergia was created under a vision of "being a sustainable energy leader" by developing human capital, respecting and protecting the environment, and achieving operational excellence and financial solidity to create shared value in an ethical manner.

Early in the integration process, in the first month of crop year 2020/2021, the world was rocked by the COVID-19 pandemic, a crisis that required a high level of readiness and resilience. Adding to what was already a challenging integration process, the global pandemic created uncertainties and unknowns and generated impacts that few could have predicted. Against this backdrop, our company was put to the test in its first crop year.

Even in this contents, our results in crop year 2020/2021 were very positive and reflect lessons learned and achievements in the year, of which we highlight the following:



1.4 million m³ of ethanol produced, avoiding the emission of 1,662,957 tonnes of tCO₂e.



1.5 million tonnes of sugar produced, a 34% increase on the previous crop year.





27.34 million tonnes of sugarcane crushed in the crop year



1.2 million MWh of bioelectricity fed into the national interconnected grid (enough to cover household consumption in Sergipe state for one year).⁽¹⁾



R\$ 3.4 billion of EBITDA (earnings before interest, taxes, depreciation and amortization), an increase of 63% on the previous crop season.



Statement of Added Value: R\$ 2.12 billion added value distributed.



Communities Donation of more than 370,000 liters of 70% alcohol to 77 municipalities – for hand hygiene –, as well as hospital beds, masks and disinfection materials.

(1) Source: Brazilian state consumption published in the 2019 Statistical Electricity Roundup (for 2018) – Ministry of Mining and Energy.

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits



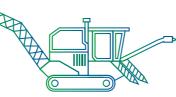
A on-line 24h logistics center. More efficiency, productivity and sustainability. cane each, per day.



Efficiency Decrease of 8% in diesel consumption in the harvesting, transshipment and transportation chain



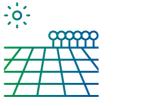
B2B Customers operating in Brazil and overseas.



Planting and harvesting **100% mechanized.**



Our Commitments 2030 We defined, an agenda of sustainable development goals across 12 topics spanning the environmental, social, governance and economic dimensions



450 000 hectares of sugar-cane fields in the states of MS, GO, TO, SP and MG.



RenovaBio We issued and sold more than 1 million carbon credits (CBios), generated by 11 certified mills



Culture

We engaged our roughly 8,400 employees around our organizational culture, provided leadership training and launched an internal social network for operations teams to disseminate information



Integration We captured synergies of 132%



Biodiversity We managed approximately 14,000 hectares of protected *Cerrado* and Atlantic Forest vegetation



Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management Outlook

Performance Tables

GRI content table

Credits



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Our background

Welcome to BP Bunge Bioenergia, a sugar and ethanol *joint venture equally* owned by bp and Bunge. We are a leading company in the sugar, ethanol and low carbon bioelectricity market in Brazil. We strive to be a **global leading player in sustainable energy production.**

Our operations are present in the states of Goiás, Mato Grosso do Sul, Minas Gerais, São Paulo and Tocantins. We operate **11 mills** with a crush capacity of 32.4 million metric tons of sugarcane (as of the 2020/2021 crop year), one of the largest capacity in Brazil. We also manage approximately 450,000 hectares of sugarcane fields.

We have approximately 8,400 direct employees and another 4,000 contractors.

We are strongly committed to safety and sustainability in our operations and business, and have the capabilities to meet the growing demand for renewable energy in the Brazilian market.

Announced in July 2019 and completed in December 2019, the BP Bunge *joint venture* combined the experience, expertise, people and assets of the two companies to form a robust operation with strong performance in safety, efficiency and sustainability; capabilities to meet market demand for ethanol, bioelectricity and sugar; and best-in-class agricultural, mill and commercial practices.

bp and Bunge made their first forays into the Brazilian ethanol market as separate businesses more than a decade ago, and the formation of BP Bunge provided an opportunity to supplement each other's strategic interests and launch a major *player* on the market with sustainable development at its core.

Integration

The integration process following the formation of the joint venture has helped to harmonize and standardize processes, routines and procedures (in a program called "*Otimiza*+"), and to unify systems.

We also have a synergy capture program (*Valora+*) through which we initially expected to achieve optimization outcomes (additional revenue streams, cost reduction, higher productivity, inventory management, returns on capital, etc.) worth R\$ 1.2 billion in the space of three crop years, and especially from the second crop year after the joint venture was formed. However, many of these outcomes were already achieved in 2020, the first year of the joint venture, exceeding our target for the period by 32%.

Gradually, as expected, we are integrating our cultures to forge our own organizational culture at BP Bunge Bioenergia.

In November 2020, we initiated the strategic planning process for the next five years, which we expect to complete within the first half of 2021.

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Mills

Our 11 processing mills are distributed in 5 brazilian states, as follow:

01. Frutal (Frutal - MG) 02. Itapagipe (Itapagipe - MG) 03. Ituiutaba (Ituiutaba - MG) 04. Santa Juliana (Santa Juliana - MG) 05. Itumbiara (Itumbiara - GO) 06. Tropical (Edéia - GO) 07. Moema (Orindiúva - SP) 08. Ouroeste (Ouroeste - SP) 09. Guariroba (Pontes Gestal - SP) 10. Monteverde (Ponta Porã - MS) 11. Pedro Afonso (Pedro Afonso - TO)

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11

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Products

We process sugarcane—a renewable resource—into biofuels (anhydrous and hydrous ethanol) and sugar, as well as generating bioelectricity.

In our production process we have the flexibility to modulate the production mix of ethanol and sugar.

Electricity generated from sugarcane bagasse supplies the electricity requirements of our operations and the surplus is sold to the National Grid.

We have sustainable production systems that use good practices and state-of-the-art agricultural and mill technologies.

In our production processes, we use Life Cycle Assessments (ACV), environmental performance management and integrated loops - from the extraction and use of resources through recycling or final disposal of waste.

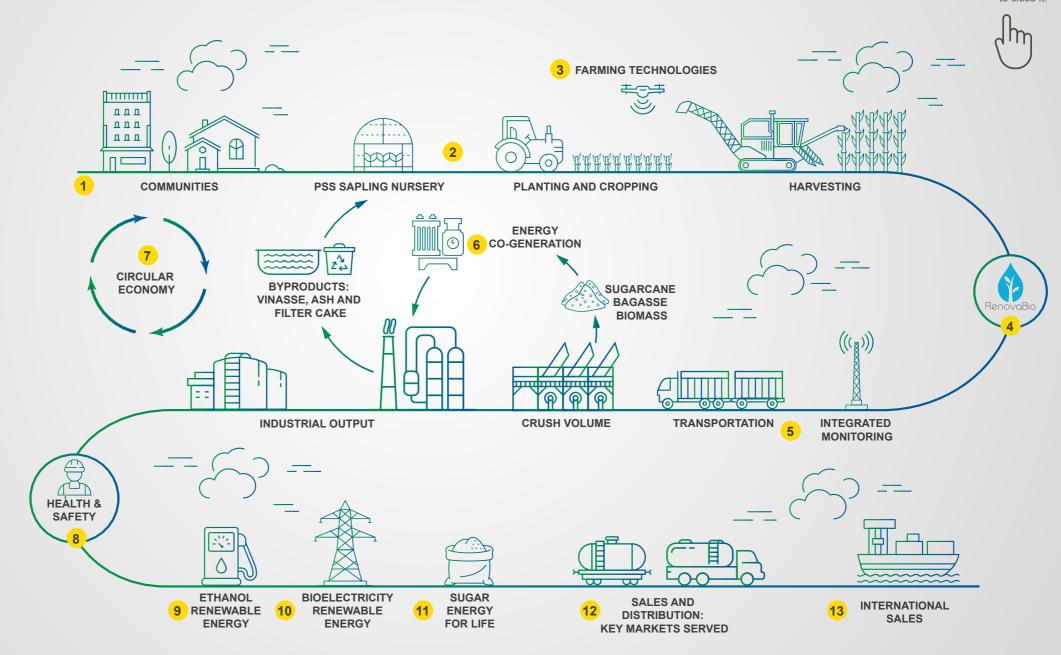






How we create value

Click on the buttons (+) to view the content. Click on the content to close it.



Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

13

Operational capacity, performance and management

Capacity

- Crushing capacity: 32.4 million tonnes/year.
- Production capacity: 1.7 billion liters of ethanol/ year.
- Production capacity: 1.7 million tonnes/year of sugar.
- Capacity to sell 1.4 GWh/year to Brazil's electric grid.



Performance

The 2020/2021 crop year at a glance:

Electricity exported (MWh 000)(*)

| Operating indicators | Crop Year 2020/2021 |
|---|------------------------|
| Crush volume (thousands of tonnes) | 27,344 |
| Internal | 20,441 |
| Third-party | 6,903 |
| | |
| Productivity – TCH (Tonnes of Cane per Hectare) (t/ha) | 74.5 |
| TRS (Total Recoverable Sugar) (Kg/t) | 137.2 |
| TSH (Tonnes of Sugar per Hectare) (t TSH/ha) | 10.2 |
| | |
| Sugar/Ethanol product mix | 40/60 |
| Sugar produced (t 000) | 1,475 |
| Ethanol produced (m3 000) | 1,403 |

1,223

Management

Our operations span the entire sugar and ethanol production process, including sugarcane cultivation, harvesting and processing and produce storage, logistics and sales. Our sector is strategic as it entails the production of sugar, a staple ingredient of the food industry, and bioenergy, fundamental to diversifying Brazil's energy matrix through ethanol and bioelectricity.

Continuing investments, increased efficiency and well-planned management of our biological assets has allowed us to gradually improve our cane-field yields.

Mill efficiency has also steadily improved through continuous improvement efforts.

In crop year 2020/2021 we reconfigured our production process in response to the market conditions resulting from the COVID-19 pandemic, shifting from an ethanol-heavy to a sugar-heavy production mix.

We plan to continue investing more than R\$ 1 billion per year in our agricultural operations, plus R\$ 200 million per year in our mill and other operations.



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

- Governance
- People and human-capital management
- Community relations
- Environmental stewardship
- Commercial and customer management
- Supplier management

Outlook

- Performance Tables
- GRI content table

Credits

Cane field management

Through our **Agricultural Reliability Program** we implement industry best practices to drive improved results. Also as part of this program, we provide regular training to our employees on agricultural maintenance methods.

In the current crop year, our focus was on expanding plantations, improving sugarcane yields and growing the share of sugarcane supplied by third-party suppliers.

Some of the methods we use to improve productivity include:

- Selecting areas near our cane fields to reduce average cane field-to-mill distances, supporting improved resource efficiency.
- **Crop rotation** in approximately 100% of our cane fields. We have used soybeans, peanuts and brown hemp as fallow crops.
- Using the Simultaneously Occurring Intercropping and Rotation (MEIOSI) system, which has already been deployed in approximately 50% of our cane fields, including the introduction and multiplication of new varieties.
- Using Pre-Germinated Seedlings (PGS) for planting, grown at our own nursery, with a production capacity of approximately 4 million seedlings.

- Using improved sugarcane varieties produced through partnerships with research and genetic improvement institutes such as IAC (Instituto Agronômico de Campinas), CTC (Centro de Tecnologia Canavieira) and RIDESA (Rede Interuniversitária para o Desenvolvimento do Setor Sucroenergético).
- Using input technologies optimally to improve soil fertility, including: application techniques; pest and weed control; adequate fertilization; etc.
- Fertigation with vinasse in approximately 50% of our cane fields, and localized vinasse application in replacement of mineral fertilizer. This reduces the need for imported fertilizers, especially potassium.
- Using **filter cake and ash** in replacement of mineral fertilizers.
- Using foliar feeding (or application of essential plant nutrients to the leaves, which are absorbed and transported to other parts of the plant).

- **Biological pest control**, especially for sugarcane borers and spittlebugs. The biological control agents we use include wasps and fungi.
- Using **drones** for field surveys (to plan planting operations), to capture field imagery and to release wasps for biological control.
- Using **satellite imagery** to plan planting and harvesting operations.
- **SmartLog**, our integrated logistics center. Using automated systems to manage planting and harvesting operations remotely and in real time.



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Localized fertigation with vinasse

Between 2019 and 2020 we expanded the area where we use localized fertigation with vinasse from 27,500 hectares to 78,400 hectares, or by 185%. This provides a valuable use for one of the main byproducts from sugarcane processing, ensuring an optimally clean and sustainable operation.

The expansion was enabled by significant investments in mill-to-field vinasse transportation infrastructure, equipment and localized application management and planning.

Vinasse can not only be used as an organic fertilizer, reducing or eliminating the need for chemical fertilizers, but its water content can also be used for irrigation, especially during the early stages of plant development. Localized fertigation supports our goal of fully replacing mineral fertilizers with organic fertilizers in our cane fields. Three of our 11 operations are almost entirely fertilized using localized vinasse application, while another six operations have deployed this method in portions of their cane fields. Only two operations are not using localized vinasse, as they are currently producing ethanol and the resulting vinasse has a lower content of potassium, which prevents it from being transported for application *in its natural* state. At these operations, 100% of the vinasse byproduct is diluted in water and used for conventional (sprayed) fertigation. In total, 71,000 hectares of cane fields use this process

Fertigation with vinasse provides the following benefits:

- Environmental benefits, by fully utilizing a byproduct from sugarcane processing in replacement of other fertilizers.
- **Cost-saving benefits**, by eliminating expenses on chemical fertilizers.
- Productivity benefits, as sprayed and localized application of organic fertilizers is more efficient compared to chemical fertilizers, improving yields as measured in TCH (Metric Tons of Cane per Hectare) and accelerating sugarcane development in covered areas.
- Within the RenovaBio program, carbon credit (Cbios) eligibility increases due to the lower use of nitrogen fertilizers.





Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

- Governance
- People and human-capital management
- Community relations
- Environmental stewardship
- Commercial and customer management
- Supplier management
- Outlook
- Performance Tables
- GRI content table
- Credits

SmartLog

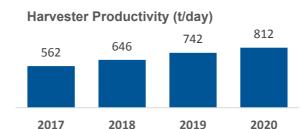
SmartLog is our integrated logistics center, based on three major pillars: onboard technology, process management and capacity building. The goal in deploying *SmartLog* technology is to modernize, streamline and improve logistics management and performance in harvesting, infield transport and overthe-road shipping operations.

An interconnected system operating from a control tower, which boasts "Industry 4.0" technology such as big data, artificial intelligence, the Internet of things and robotics. This is an information hub which carries out real-time, online, round-the-clock monitoring of some 1,200 agricultural implements, intervening and creating data for making decisions about logistical cultivation, harvesting and transportation processes at our 11 mills.

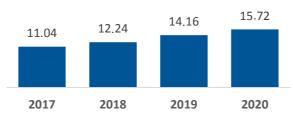
Harvesters are equipped with onboard technology that is connected to the cloud via a mobile or satellite link, which in turn is accessible from the control tower located in São Paulo. The control tower manages the information needed to inform harvesting parameters, such as the machinery fleet being used, speeds, and the cycle times of each piece of equipment. The same technology platform is used at the fuel depots for infield transporters and train trucks.

Main benefits

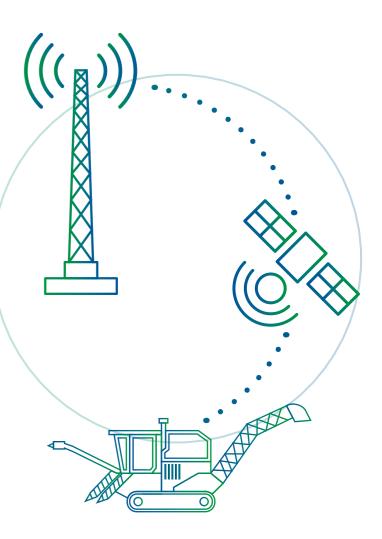
Productivity. With this technology, harvester utilization rates have improved from the typical 9 to 10 hours per day to 15 to 16 hours of harvesting per day. As a result, whereas average sugarcane volumes harvested range from around 400 to 500 metric tons per harvester per day, we have set a record of 1,080 metric tons per day at the Tropical operation (Edéia - GO) and maintained an average of 800 metric tons per day across our 11 operations. Online management has also allowed us to reduce our in-field harvester fleet by 20%, *but* with a productivity improvement of approximately 10% as shown in the graphs below.



Harvester Productivity (hours/day)



• Environment. Improved productivity and optimized operation of infield machinery and trucks has generated fuel savings of more than 8% in infield and shipping operations.



Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits



Use of drones

We use remotely operated drones to distribute *Cotesia flavipes* wasp larvae in our cane fields for biological control of sugarcane borers, the larva of a pyralidid moth that can significantly affect sugarcane yields.

Cotesia wasps, which prey on sugarcane borers, are placed in containers that are then released by the drones at a georeferenced location to improve efficiency and biological management results, replacing previous manual methods. This reduces wasp release times and generates savings of 15% to 20% compared to the manual system, as well as improving safety by avoiding employee exposure to the risk of being bitten by poisonous animals when walking through the cane fields. Using drones also allows employees to acquire new skills in both drone operation and management of pest control activities. We also use drones, or unmanned aerial vehicles (UAVs), to perform aerial topographic surveys that were previously done manually, as well as for activities such as: detecting planting gaps in sugarcane fields; detecting and locally spraying areas infested with weeds; mapping sugarcane rows and programming harvester autopilots during harvesting; and supporting overall cane field management. This improves safety by reducing employee exposure in sugarcane fields, and increases the amount of information we collect, optimizing analytics and decision-making.

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Fire prevention and response *GRI-304-1, 304-2, 304-3*

100% of our sugarcane harvesting operations are mechanized, and we never use burnt cane harvesting in our operations.

The few fires that do occur are typically started by cigarette butts thrown on the roadside or by fires started to burn leaf litter, clear land, or create clandestine roads.

We have expanded our use of technology to prevent and respond to fires, including a satellite fire monitoring system, real-time surveillance cameras and automated fire trucks. This has reduced fire prevention costs by approximately 70%, while increasing fire control efficiency by 20%.

Our Fire Prevention and Response Program

supports our efforts to prevent fire risks, especially during the dry season. The program aims to improve our infrastructure and engage and train our fire responder teams on fire prevention and response, helping to protect both the safety of our employees and the environment. The program's core initiatives are:

- Acquiring and maintaining equipment and materials.
- Deployment, preparation, regular training and management of **local teams.**
- Regular clearing of areas in the proximity of highways, service roads and fire breaks.
- Support system management.
- Ongoing classification and assessment of risk areas, by way of a specific program.
- Real-time monitoring of fires by satellite imagery.
- Strategically located fire response outposts, with fire responders, firetrucks and other equipment on standby, ready to respond in an emergency.
- **Trained fire** responder teams who are on call 24/7 to respond to fire outbreaks in our cane fields and facilities.
- A fleet of 108 dedicated tank trucks; in three of our operations, 100% of the tank truck fleet is equipped with automated water jets operated from inside the truck cab, avoiding fire responder exposure to fire hazards.

- Internal and external prevention campaigns to raise awareness among direct and outsourced employees and surrounding communities.
- **Participation in Mutual Assistance** Programs in some locations, in partnership with fire departments.
- Specific Personal Protective Equipment (PPE) for all employees engaged in preventing and fighting fires, such as flame resistant coveralls, face shields, firefighter suits, and self-contained breathing apparatus (SCBA).

We have also started a pilot project at the Pedro Afonso operation (Pedro Afonso - TO) using watchtowers fitted with high-definition cameras to monitor the cane fields.

Further efforts are needed to raise awareness among our communities about the risks and damages caused by fires, and how to prevent them.



Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Helping to fight forest fires in Tocantins

On September 29, 2020 we supported the forest fire response efforts in Tocantins by delivering a package of 79 pieces of equipment and accessories for use by the Tocantins Fire Committee, a group of representatives from government agencies and companies that is responsible for planning, preventing, monitoring, controlling and responding to fires in the state. The fire response package was delivered to the fire department in Palmas (TO).

The equipment is used to organize fire response teams and can help in fire response operations in the region.

We are represented on the Fire Committee by our operation in the municipality of Pedro Afonso, which has 100% mechanized harvesting. We never use fire and deforestation as a form of management.

The Committee's joint efforts played an essential role in helping the state to move from 2nd to 6th place in the national forest fire ranking in 2020.

In our agricultural practices, we do not use fire, and we do not carry out deforestation. This region does not belong to the Amazon Bioma



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Mill operations

We work continuously to improve processes, systems, practices and equipment in order to optimize our mill operations.

Good practices and other insights are shared across our mills, and we also follow process developments and implement Industry 4.0 derivatives (such as artificial intelligence) as part of our efforts to adopt new technologies in our mill operations.

Our **mill efficiency** rates, as measured in terms of mill **yields (RTC)**, increased to **92.8%** in crop year 2020/2021, an improvement of 1.5 percentage points compared to the previous crop year, and there is further room for improvement. RTC is a measure that correlates a variety of mill parameters in comparing mills with different sugar and ethanol *mixes*. Higher mill efficiency not only improves results of operations, but can also reduce our carbon footprint, with more rational use of resources and reduction of gas emissions and waste production.

In our efforts to improve mill efficiency and safety, **maintenance** and **reliability** are key factors. In crop year 2020/2021, we invested a total of R\$ 187 million in reliability improvements across our 11 mills. These funds were used to execute our maintenance plan, which includes predictive, preventive and corrective maintenance of mill equipment, especially during the inter-crop period, when approximately 68,000 maintenance operations were carried out.

One of the differentiators in our mill **maintenance plan** is that equipment is strategically pre-commissioned during the inter-crop period and restarts operation on a staged basis to fine-tune process set ups. Equipment is pretested using Industry 4.0 technology before resuming full-scale production during the harvest season. Approximately 22,000 different items are tested.



Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Priority material topics

We acknowledge our responsibility to develop our business whilst seeking to contribute to solving the dilemmas and demands of society. We therefore understand the importance of creating a strategic sustainability agenda integrated into our business, with a long-term, multistakeholder vision, integrating ESG criteria, in line with our Mission, Vision and Values.

In 2020 we accordingly initiated an assignment conducted by an internal group, with representatives from multiple Company departments and the support of independent consultants, which analyzed our level of maturity, studied peers in multiple segments and consulted the multistakeholder vision through consultation involving some 90 participants, including employees and representatives of suppliers, business partners, the financial sector, associations and academia, amongst others, to ensure that sustainability is an intrinsic part of all of our activities and initiatives.

This process identified **12 priority** focus areas in our activities.

The process used to define our priority areas comprised the steps described opposite.

The priority areas are organized into four dimensions: Planet, People, Governance Principles and Prosperity. For these dimensions, we set 15 targets for 2030 that will help to achieve some of the UN Sustainable Development Goals (SDGs).



Step 1 – Project Planning

• Establishing the project's governance

• Mapping Priority Topics: surveying and analyzing approximately 30 national and international documents, analyzing business risk and strategy and benchmarking (studying the sector, market and the company)

Stakeholder prioritization

Consulting stakeholders and additional surveys through some 90 interviews.

Topic prioritization

Validation

Step 2 - Deep Dive into Priority Topics

- Creating working groups for priority topics
- Validating the assessment
- Establishing 2030 ambitions with public commitments and targets
- Aligning around Sustainable Development Goals
- Preliminary study of projects and initiatives

Step 3 - Validating the Strategic Agenda

- Stakeholder validation
- Internal validation with the Sustainability Committee and Executive Board
- Presentation to the Board of Directors

Step 4 - Consolidation

- Fine-tuning the strategic agenda with the inputs from stage 3
- Validating it with the Board of Directors
- Communicating the strategic agenda

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

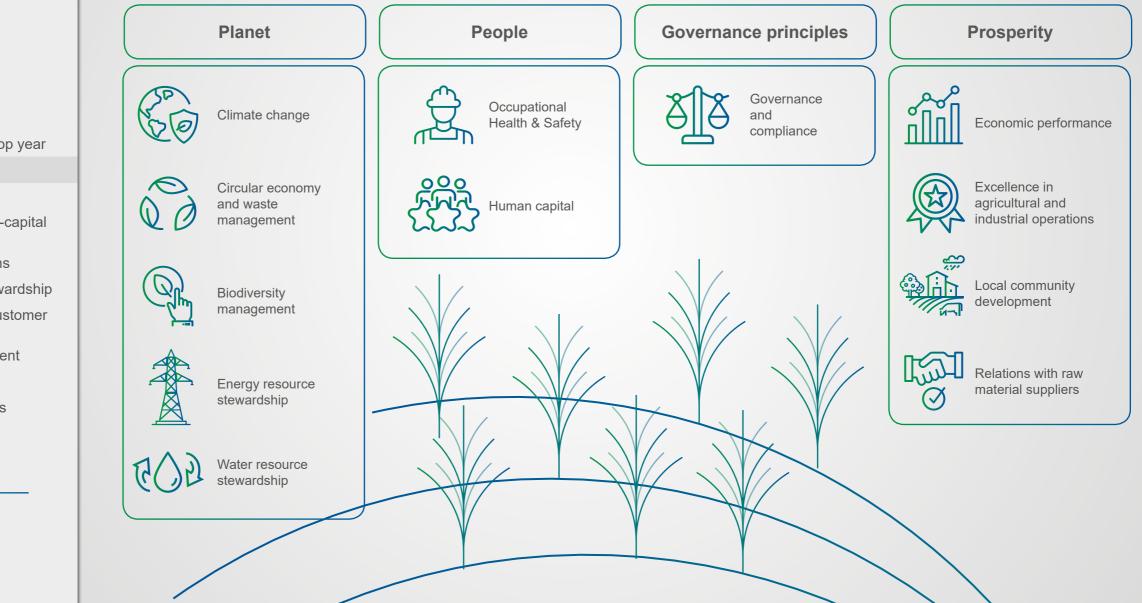
22

GRI content table

Credits

Priority topics

See the 12 priority topics in Our 2030 Commitments:





Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

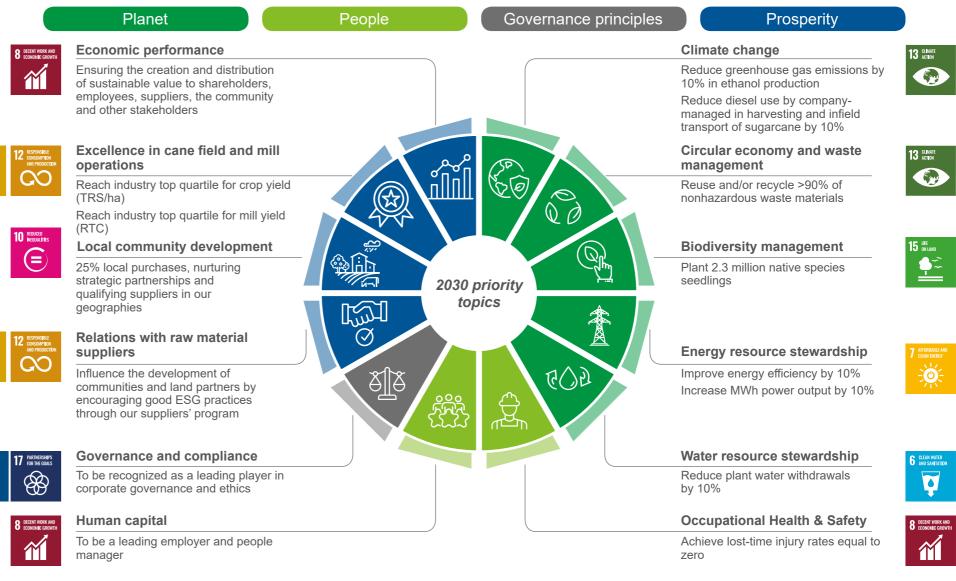
Performance Tables

GRI content table

Credits

2030 Commitments:

Find out about our journey of contributing to future generations, organized around 4 guiding principles, with 12 priority topics and 15 targets, aligned with the UN's Sustainable Development Goals. They are also in line with the premises of the International Bill of Human Rights and with the main guidelines of the International Labor Organization's Declaration on Fundamental Principles at Work.



23

Notes: 1. Metrics and indicators are presented in the Performance Tables and GRI Content Table of this Report. 2. All monitoring indicators are referenced per ton of crushed sugarcane.



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Guiding principles

Being a sustainable energy leader is one of the priority goals. We strive to promote economic, social, and environmental value for all stakeholders. Our operations are underpinned by ethics, safety, and respect for people. We produce sustainably, we never use fire and deforestation as a form of management in our agricultural practices, nurture the local development of the communities we operate in, comply with legislation, and continually adapt our operations to have a smaller environmental footprint.

Our permanent **Sustainability Committee** manages our sustainability strategies, answering directly to our Executive Board.

Sustainability permeates all of our activities and initiatives, which are founded on four pillars:

- Planet
- People
- Governance principles
- Prosperity

These pillars interconnect and complement each other.



Planet

We want to help protect the planet from degradation, supporting sustainable sugar consumption and production, the responsible stewardship of natural resources and the assessment and implementation of initiatives to fight climate change, in order to meet the requirements of present and future generations.

This includes our production activities and our supply chain, monitoring the impacts of manufacturing, sales and distribution.

We are aware that it is crucial to understand the importance of environmental impacts and that mitigating them is essential to creating long-term value and ensuring our products are commercially feasible, also considering all impacts over the life cycle of these products.

This pillar embraces topics such as: climate strategy and greenhouse gas (GHG) emissions; biodiversity management and ecosystem services; energy and energy resource stewardship; water resource stewardship; and circular economy and waste management.



In our opinion, an ideal world means no poverty and no hunger, so that every single person can live a dignified life in healthy surroundings.

Society is becoming more and more committed to responsible business practices, sustainable economic development, the respect for human rights and creation of long-term value.

People are essential to our Company, which includes our employees, partners, third parties, customers, suppliers, distributors, investors and other stakeholders. This contingent creates value for implementing our initiatives and activities.

The priority topics of this principle are: human capital management; development and training; occupational health and safety and respect for human rights.

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits



Governance principles

The principles and premises of good governance are essential to guaranteeing a responsible operation and management suited to our activities, and for supporting stakeholder relations.

With a balanced governance, we can achieve longterm value, aligning around and spurring economic and socio-economic performance and creating legitimacy.

The main topics of this principle are: transparency and governance goals; leadership quality, stakeholder engagement, ethical conduct and integrity in business; legal compliance and regulatory standards and monitoring risks and opportunities.



Prosperity

We believe that all people are entitled to a prosperous life. To achieve this we need economic, social and technological advances, always in harmony with the environment. We cannot be successful without a society enjoying economic and socio-environmental prosperity.

This principle includes vital topics such as: excellence in agricultural and industrial operations; economic performance; community development; and relations with raw material suppliers and producers.

Our 2030 commitments and targets

Based on the group of priority topics defined in line with our guiding principles, we compiled an agenda of commitments for the period 2020 to 2030, which we call **Our 2030 Commitments**, which set out a strategic map for elevating our business to ever more sustainable levels, to the benefit of future generations.

To learn about these commitments and targets, please <u>click here.</u>



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Certifications

All our 11 units are RenovaBio certified.

RENOVABIO

RenovaBio encourages sustainability, expanding the share of biofuels in this matrix and thus increasing energy efficiency and reducing GHG (Greenhouse gases) emission. This puts the entire sugar and ethanol industry at the forefront to achieve the targets Brazil committed to in the Paris Agreement. The program encourages and benefits companies and producers using power sources that emit less carbon into the atmosphere.

One of the measures advocated by RenovaBio is the trading of CBios, or decarbonization credits. The more biofuels used, the greater the number of certificates issued and sold, and the better the air quality.

Every CBio is equivalent to one less ton of CO_2 in the atmosphere. In the 2020/2021 crop year, we generated and sold some 1 million CBios, helping reach the program's target for the period.

EPA CERTIFICATION

In early 2021 we renewed our **EPA** (US *Environmental Protection Agency*) certification attesting to the sustainability of the ethanol produced, confirming it as an advanced biofuel. This certification is required to sell ethanol in the US. The Itumbiara (Itumbiara - GO), Ituiutaba (Ituiutaba - MG) and Tropical (Edéia - GO) sites have been certified.

ETANOL MAIS VERDE

The Moema (Orindiúva - SP) and Ouroeste (Ouroeste - SP) mills in the interior of São Paulo re-certified under the state of **São Paulo Greener Ethanol** program in 2020.

Implemented by the São Paulo State Environment Department in 2007 and also signed and endorsed by the Department of Agriculture, Companhia Ambiental do Estado de São Paulo (Cetesb), Brazilian Sugarcane Industry Association (UNICA) and the Brazilian Organization of Sugarcane Grower Associations (Orplana), the protocol certifies that the mills are producing ethanol, sugar and bioenergy sustainably.

This certification recognizes best environmental practices applied by businesses and organizations.

BONSUCRO

Our Tropical (Edéia - GO) and Ituitaba (Ituitaba - MG) mills are **Bonsucro Certified.** Bonsucro's objective is to ensure a sustainable future for sugarcane production. This certification focuses on the sugarcane production supply chain and aims to reduce socio-environmental impact.

Certification requires that farms, agricultural fronts and industrial areas be audited, and includes interviews with employees as well.

CARB

California Air Resources Board (CARB) certification is required for biofuel exports to the US. CARB is responsible for protecting the public from the harmful effects of air pollution and developing programs and actions to fight climate change.

This certification assigns a carbon intensity score that assures we comply with sustainability standards in the production and transportation of ethanol. Certified ethanol is also approved for sale on the California market.

FSSC 22000

Food Safety Management System certification by the Global Food Safety Initiative (GFSI) is based on ISO 22000 and ISO/TS 22002-1 and assures that food products are safe for consumers.

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Financial Performance

By formally entering this joint venture we created a new company and successfully combined the sugar and energy assets of the shareholders - bp and Bunge -, delivering improved financial, operating and safety performance.

We were born with a solid and conservative capital structure. We are also disciplined in managing costs and cash flow, having started out with one of the lowest indebtedness in the industry.



See below quick facts for the 2020/2021 crop year:

(TRS) produced in the period (+ 119,507 kilos).



Our **operation** remained **uninterrupted** even during the COVID-19 pandemic, with the support of a rigorous crisis management plan, involving health protocols and adaptations necessary, in addition to community support initiatives.



The **EBITDA** (earnings before interest, taxes, depreciation and amortization) amounted to R\$ 3.4 billion, an **increase of 63%** on the previous crop year. This variance is primarily due to the improved operational efficiency, cost-cutting and better sugar and ethanol sales prices.



34% increase in the volume of sugar produced compared with the previous crop year, resulting from the higher cane field yield and the strategy of focusing on a production mix giving greater preference to products with higher productivity in the period.

Cane production rose by 4% in the crop year, with an impact on Total Recoverable Sugar



Reduction in the costs of goods sold, with gains of R\$ 342 million, mainly due to better operational efficiency, coupled with lower expenses, despite the challenges posed by pressure on dollar-denominated supplies and extraordinary spending on COVID-19 prevention and adaptation measures.

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits



Recognition

2020 MasterCana Brasil Award

In our first year of operation, we received the 2020 MasterCana Brasil Award. The award ceremony took place on December 09, 2020, in Ribeirão Preto (SP). This award program has been running since 1988.

We prevailed in the following categories:

- "Mill of the Year Corporate Strategy Management".
- "Mill of the Year Cane Field Automation – Technology & Innovation", thanks to SmartLog.

IAC 2020 Excellence Award

On November 24, 2020 our Monteverde Mill (Ponta Porã - MS) received the IAC 2020 Excellence Award from the Cane Program of Instituto Agronômico (IAC), from Campinas (SP). The mill was ranked first in Mato Grosso do Sul state for its work on enhancing sugarcane varieties.

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits





Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

In all operations and activities our governance is underpinned by: **BP Bunge's Mission, Vision, Values, Code of Conduct and corporate policy.**

This framework is complemented annually by a set of documents consisting of the **Annual Business Plan** and the plans that inform the creation of our Annual Plan: **Risk Plan, Plan of Compliance with the Integrated Management System (IMS), Strategic/ Support Plans (Valora+), budget** and the entire field and mill operations plans, such as the **Crop Year Plan.**

We harness a structured set of corporate policies that inform our activities, and include:

- Investment Policy (Capex)
- Ethics and Compliance Policy
- · Operating Standards Policy
- Anti-Bribery and Anti-Corruption Policy
- Social Responsibility Policy
- Donations and Sponsorship Policy
- Related-party Transactions Policy

The cornerstone of our governance framework is the **Board of Directors.**

Our leaders formulate annual plans aligned around our business strategy.



bpbunge bioenergia

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Integrated Management System

In 2020 we began implementing our **Integrated Management System (IMS),** to support the performance of strategic business goals, prioritize initiatives and critical activities and contribute to the delivery of safe, efficient and compliant operations. The IMS is being implemented gradually.

The Integrated Management System's structure systematically establishes the requirements and guidelines to be met by the Company and by all employees.

The SGI applies to all of BP Bunge Bioenergia's mills and all activities, including field operations, milling and administrative processes, people, structures and assets. It also aims to identify and address matters and risks affecting employees, the environment and our facilities.

In addition to guaranteeing operational deliveries, the IMS' scope is to support field operations and provide information about local processes, in order to guarantee compliance with legal and regulatory requirements, internal policies, our Values and specific requisites that permit our operations. Implementing a robust operational and systemic management helps operations understand the level to be achieved and to comply with the legislation and best practices, in a documented and assured way, continually improving safety and business performance.

It also permits:

- Standardization.
- · Clear definition of responsibilities.
- · Prioritization of initiatives.
- Risk analysis.
- Better operational indicators.

The conceptual basis of our IMS are the core elements of our organizational culture - Mission, Vision and Values -, with the support of our policies and internal regulations.

The IMS comprises guidelines and components focusing on three major fronts:

- People
- Processes
- Performance

These three pillars are subdivided into nine components, permeating our operations:

- Operational strategy.
- Risk management.
- Procedures for safe, reliable, compliant and efficient operations.
- Competent and respectable leaders.
- Agile organization tailored to business requirements.
- Employee development and skilling.
- Operational management improvements.
- Performance management.
- · Continuous improvement management.

We periodically audit the IMS' operational performance management processes, in order to guarantee compliance with legal requirements and further reduce risks and improve performance.



Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Integrated Management System

1.1 Mission & Vision

1.4 Corporate social

2. Risk Management

1.2 Planning

engagement

responsibility

Management

Safety

3. Procedure

2.2 Environment

2.3 Process Safety

2.5 Transportation

2.6 Incident and Crisis

Response Procedures

and Document Control

3.2 Work Control

Safe, Efficient and Compliant Operations



Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Our stakeholders

GRI-102-40

Every day we work on developing and cementing our reputational capital by creating economic, social and environmental value shared with our stakeholders, by conversing with and engaging stakeholders in an organized relations and communications agenda, as described in the table below:

| Stakeholder Group | Initiatives ⁽¹⁾ | Realization in |
|--|---|-----------------------------------|
| | | 2020/2021 crop year ⁽² |
| Employees | Managerial leadership meetings | Monthly |
| | Organizational Climate Surveys | Over the crop season |
| | Harvest Opening and Closing | Annual |
| | Town Hall meeting | Annual |
| | Excellence, Safety and Performance Award | Annual |
| | Stop Work Awards | Monthly |
| | Daily Safety Huddles and other topics | Daily |
| | Organizational Culture Group | Monthly |
| Employees and family | On-line "Renewing Energies" event | Annual |
| Shareholders | Meetings | Monthly |
| Board of Directors and Committees | Meetings | Monthly |
| Materials and services trade payables | Good practices and alignment meetings | Weekly |
| | Suppliers Award | Annual |
| Cane and land partners | Technical schedule and meetings | Over the crop season |
| Customers | Commercial Meeting | Twice yearly |
| Financial institutions | Introductory meeting | Over the crop season |
| Trade and sector associations | Institutional calendar | Over the crop season |
| Communities | Local-entity COVID-19 initiatives and donations | Over the crop season |
| Public authorities | Meetings with municipal governments - presentation of COVID-19 response plan | Over the crop season |
| Press | Interviews, participation in webinars and thematic meetings | Over the crop season |
| Labor unions | Meetings | Over the crop season |
| Technical institutes, academia and start-ups | Project development and studies | Over the crop season |



Trade and sector associations and technical institutes

The main trade and sector associations and technical institutes we engage with and/or participate in commissions are:

- UNICA (Sugarcane Industry Association).
- Biosul (Mato Grosso do Sul Bioenergy Producers' Association).
- Siamig, an umbrella organization bringing together the Minas Gerais State Sugar-Ethanol Industry Association and alcohol and sugar manufacturing labor unions
- Sifaeg/Sifaçúcar (Ethanol and Sugar Manufacturing Industry Trade Union of Goiás State).
- CTC (Centro de Tecnologia Canavieira).
- IAC (Instituto Agronômico de Campinas)
- RIDESA (Rede Interuniversitária para o Desenvolvimento do Setor Sucroenergético).

(1) Because of the pandemic, a number of events and meetings previously scheduled to be in person took place via videoconferencing, social media and the company's YouTube channel.

(2) The performance and frequency of the initiatives is subject to change in the crop years ahead.

bpbunge bioenergia

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Risk management

In line with the precepts of our Integrated Management System, we created a Risk Matrix, which includes operational and business risks.

Daily records and information about operations and activities is held in the Risk Register, fed by the Risk Records.

We have developed a plan for the complete implementation of this system that includes:

- Annually detecting and assessing the risks covered, keeping the Risk Register up-to-date, which includes the Risk Records, in order to systematically manage the risks and hazards posed by the safety of our operations and business processes (financial and reputational).
- Developing and approving a risk reduction action plan, using the results of the Risk Records.
- Implementing and maintaining a change management process, for temporary or permanent changes.
- Periodically identifying and assessing the business process safety risks, based on the use of qualitative and quantitative risk assessment methodologies.
- Developing and implementing a training and qualification plan for employees with activities related to process safety.

- Developing and implementing a planned stoppage, asset maintenance and inspection plan, to manage risks relating to integrity and reliability, in line with the uptime required by the business strategy.
- Implementing and maintaining an inspection schedule to determine the condition of critical safety systems and equipment, checking and documenting whether they meet the regulatory requirements and are fit for purpose.
- Implementing and maintaining a maintenance management process which includes: planning, scheduling, supplying and recording the results of inspection and maintenance tasks carried out.
- Assess the results of the inspection and maintenance plans and modify these programs to factor in the risk of equipment and system failures.
- Operate assets and facilities in accordance with the safe operating limits defined and operational procedures documented, taking into account manufacturer recommendations or engineering documents.
- Monitor, document and investigate events contravening safety design limits and unexpected failures in material structures and equipment. Identifying and implementing corrective actions.

- Periodically revising the list of critical safety and operating equipment, updating it as necessary, to maintain a safe, compatible, reliable and efficient operation.
- Devise a process for periodically verifying the measurement and adequacy of the instruments used to record finished product output.
- Measure, report and investigate the operational performance deficit and develop a correction plan to reduce immediate and systemic causes identified.



bpbunge bioenergia

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Ethics and compliance

GRI-102-17

Our activities prioritize ethical conduct and operational compliance. Ethical conduct and integrity should form the foundation of all our actions and our 2020 Code of Conduct sets out the fundamental principles and guidelines to be followed by everyone aspiring to our Values.

Our Code of Conduct applies to our employees and the Company's Administrative Board. We also encourage all customers, suppliers and business partners, including their staff, to read, respect and comply with the principles of this Code of Conduct, as their conduct can directly impact the Company's repute.

At the start of 2021 we will promote an internal campaign and launch the "Energy in Movement" platform, containing training on the Code of Conduct and ethics and compliance topics. The platform presents straightforward, easy and user-friendly content and games regarding these topics. Items addressed are: conflicts of interest, anti-bribery and anti-corruption, competition and anti-trust, and others.

We provide an Ethics Channel to ensure our workplace remains intact, safe and sustainable. This is an independent and confidential communication channel for reporting exemplary practices and misconduct. The channel showcases good conduct that deserves to be valued and also reports contraventions of our Values and Code of Conduct, our internal policies or the national and international legislation we are subject to.

We have the following internal policies relating to ethics and integrity:

- Anti-Bribery and Anti-Corruption Policy
- Conflicts of Interest Policy
- Concerns, Whistleblowing and Investigations Policy
- · Policy for Gifts, Entertainment and Hospitality
- Data Privacy Policy

The Ethics Channel is operated by an independent outside firm with the utmost impartiality, in order to uphold whistleblower anonymity and confidentiality.

The reports are handled by specialists at the outside firm operating the channel, who are responsible for forwarding them to BP Bunge for the purpose of analysis, investigation and resolution. All submissions are handled in confidence and with impartiality. We do not tolerate retaliations of any nature or reports submitted in bad faith, with the intention of damaging someone. The Ethics Channel is online 24 hours a day, seven days a week.

Contact information

Phone: 0800 800 9797

Site: <u>www.contatoseguro.com.br/</u> <u>bpbungebioenergia</u>

"Contato Seguro" App, available for IOS and Android.

All the actions mentioned here comply with Brazil's General Data Protection Act (LGPD), enacted in September 2020.

Our Code of Conduct and policies can be seen internally on our intranet. Employees have access to a physical copy and digital copy on the Internet, our site and our internal social media application (Conecta), available for mobile phones.



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

People and human-capital management

bpbunge bioenergia

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Human resources guidelines

Our people and human-capital management is founded on respect, safety and development. In what is our first crop year, we made every effort to harmonize guidelines and internal processes, but also emphasized the consolidation of a unique organizational culture with the Company's identity, built by integrating people and teams.

In our daily operations, values such as nurturing the development of people and teams, meritocracy, prioritizing health and safety and valuing diversity inform our people management guidelines.

Processes and practices

In this 2020/2021 crop year, we unified and standardized human resources practices in items such as fixed and variable compensation, benefits, payroll systems, administrative routines, operational procedures and trade union relations. In other topics, such as performance assessment and skills management, the consolidation process is still underway.

In respect of internal recruitment, we continued our internal career progression and recognition processes, despite the widespread disruption caused by the COVID-19 pandemic.

To assess everyday performance, we have a structured **performance assessment** process, which is being gradually expanded to embrace all employees.

At the end of the crop year, we had a workforce of **8,422** employees.

The tables below and the performance tables present total employees by variables such as type of employment contract, gender, region, employment type, age range and position. It also presents the number of employees dismissed and hired during the crop year and the number of employees who took parental leave.

bpbunge bioenergia

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Training and capacity building

BP Bunge Bioenergia believes in the capacity and engagement of all of our professionals as key elements for achieving our Vision of being a leading player in sustainable energy.

We nurture and maintain competent and qualified staff, with the skills and expertise required to meet current and future business requirements.

GRI 404-2

Our capacity-building, qualification development initiatives include:

Energizing

An introduction program for new employees during their first 60 days at the Company. The program includes initiatives for new employees and for managers tasked with overseeing their subordinates in this process.

Young Apprentice Program

Development program for young people aged 24 and under. This has a learning trail to support the process of labor-market adaptation.

Trainee program BP Bunge Bioenergia

We developed this program to prepare young, recent graduates to take over specialist operational and corporate positions in their area of action. Our development path focuses on the competences required by the business. The main goal is to help them develop the experience and competences required to leverage their careers.

By late 2020 our units were further reinforced by the first graduates of our Trainee Program.

These *trainees have* already started working in our units and are committed and motivated. Doubtless their journey will be full of challenges and learning. These young professionals were selected from among 15 thousand applicants.

Young Engineers Program

In January 2021 we launched a new edition of our Young Engineers Program, focusing on training future operating leaders.

This program is dedicated to accelerating the career of professionals 3 to 5 years out of school and with experience in either the sugar and ethanol industry or in large manufacturing operations. Our development path focuses on the competences required by the business. The main goal is to prepare these young engineers to take on the management of specialty areas and/or teams, training employees to take on leadership, coordinator, and expert positions in our operations. This 12-month program is geared towards professionals in Production, Mechanical Production, Agronomic, Agricultural, Chemical, Mechanical/ Electronic, Electrical and Mechanical Engineering.



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Internship Program

In the first quarter of 2021 we created our first Internship Program for university students.

We offer 124 positions focused on training professionals to become assistants or analysts in the Company. Our program is designed for students in different areas who are expected to graduate between July 2022 and July 2023. It offers a learning path to support them in developing initial behavioral competences.

Cultivating Knowledge Program

In February 2021 we kicked off our Cultivating Knowledge program, created by the HR Talent Development area and focused on understanding the requirements of developing leaders. It includes actions to address the main leadership training needs, based on a culture of learning. This portfolio was developed after a well-structured diagnostic of the main gaps in Company leadership. During this first cycle, the program will be based on the concept of long-life learning to encourage the development of continuous learning and future skills.

360° assessment

This enables a broad assessment of our employees based on the opinions of people of different levels (colleagues, peers, supervisees, and managers) For the 2021/2021 crop year we applied this type of assessment to the members of the Executive Board. We plan to roll out the program to the management levels during the coming crops.

Coaching

A development process that consists of a set of tools and methods focused on improving people's performance and productivity in the organization.

PROGRAMA

TRAINEES

Obpbunge

Talent Pool

This assessment uses "9box" and looks at individual performance and potential. In this process individuals are assessed by their immediate supervisor and by a team created for this.

bpbunge bioenergia

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Communication GRI-102-43

We have an integrated system of online and offline channels created to reach all of the operating and administrative staff in our mills and offices. This system is used to: share administrative notices, newsletters, and other inhouse material as well as news, campaigns and services. We also have our own corporate TV and enable events.

Our in-house online channels include administrative e-mails, intranet campaigns (including COVID-19 prevention measures), news and services, as well as Our "Giro BP Bunge" weekly news magazine. Because of the pandemic, in 2020 we also put out a "Home Office" newsletter with guidelines on disease prevention and hints for well-being, ergonomics and cybersecurity. We also have our own Corporate TV installed in areas where people circulate in our mills and offices. Just as with our in-house channels, our website (<u>www.bpbunge.com.br</u>) discloses the main information about the company, as well as the Code of Conduct and Ethics Hotline.

Employees are encouraged to participate in the Company's social networks, Linked-In and Instagram, as well as YouTube, so long as they abide by our Code of Conduct. To help them with this, we created a Social Network handbook. We use social networks to help promote dialog and knowledge of our industry and company.

It is also worth mentioning our DSD (Daily Safety Dialogs) are used not only to promote awareness and mobilization, but also as a powerful internal communication channel.

In terms of communication campaigns, the highlight of the 2020/2021 crop was our organizational culture campaign (Mission, Vision and Values), part of our process to integrate cultures (#juntossomosbpbungebioenergia), to disseminate the new culture and promote awareness and engagement. In addition to disclosures and communication, we also sponsor in-house online *workshops* on this theme.



Conecta

Since 2020 we have had a message app to provide a communication channel accessible to our operating teams. However, the biggest innovation is **Conecta**, an in-house social networking app that employees may use (it is not compulsory) to share news, services and health and safety campaigns. It also has an area employees can use to freely share themes they are interested in. The advantage of Conecta is that it is democratically available to all employees, including those who do not have e-mail. All they need to do is download the app to their cellphone and register.



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

41

Diversity

We respect and value diversity of race, gender, sexual orientation, age, beliefs and thoughts. Our ambition is to evolve and encourage representation by all voices in our Company.

We have a SNP (Special Needs People) **Inclusion Program that** includes initiatives to promote and include, such as awareness and leadership training, employee and candidate maps, lectures and awareness measures in the communities next to our units, in addition to measures to provide accessibility and adapt equipment, among others.

We believe that people with special needs should be included not because of demands by the labor authorities, but because we are convinced of our ability to create opportunities and develop professionals.

Sergio Braga, who has worked with us since 2012, is an example of what we want. He is an administrative assistant in our Vehicle Maintenance Area.



"For me, social inclusion means the opportunity to be part of a dream. When I look at myself in 2012 and now, I see two completely different people. I matured, grew, evolved, met people, listened to stories, participated in targets, challenges, difficulties and victories...

Today I thank God I am part of a company that truly believes in its Values, solid Values that make diversity worthwhile. Here I feel truly respected, my work has value...

It's great to leave home and have an objective... When you are part of something better, part of a team, you believe you can achieve whatever you want."

GRI 202-1

We also believe in equal opportunities and development, and value meritocracy. From the beginning of their career, men and women in the same job earn the same salary and have the same opportunities.

GRI 401-2

Along this same line, the Company offers Benefits to all employees, regardless of the nature of their employment agreement.

GRI 405-1

Individuals within the organization's governance bodies

| Position/Gender | | Quantity |
|-----------------|-------|----------|
| Board | Women | 1 |
| Members Men | | 5 |
| Total | | 6 |

Note: Further information on diversity numbers in the Social Performance Table - page 77.

Union relations GRI 102-41

All employees are covered by collective bargaining agreements.

Human rights GRI 412-1

We respect the rights of our employees, the surrounding communities and all affected by our operations and we are committed to positively influence our contractors and suppliers to compromise at the same direction. Our commitments include supporting the elimination of all forms of forced or compulsory labour, the effective abolition of child labour and the elimination of discrimination in respect of employment and occupation.



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Health and safety

We manage our business in such a way as to avoid harming employee and contractor health and safety, providing a safe working environment and systematically assessing chemical, physical, biological, ergonomic and mechanical risks in the workplace, and mitigating any potential risks.

Health and safety premises and guidelines are essential to our activities and are at the top of our strategic priorities.

GRI 403-1

Our workplace health and safety management system covers all workers, activities and workplaces including cane fields, mills, and offices.

GRI 403-5

Leaders and other employees are continuously trained and instructed on the cares inherent to health and safety.

Occupational health

We meet all propositions listed in the standards regulating this theme with care and responsibility. In addition to complying with legal requirements, we also try to reduce the probability of workplace illness.

GRI 403-3 and 403-6

Our ambulatory care units are available 24x7 with professionals trained in the correct emergency responses listed in **our Medical Response Plan.** Our employees are covered by health care plans.

All our units have dedicated health care teams comprised of nursing technicians, nurses and physicians who periodically evaluate all our employees using specific tests to identify possible work-related health problems as part of the OHMCP (Occupational Health Medical Control Program) If any problem is found the situation is handled and followed by specialized physicians.

Furthermore, we often run **awareness campaigns on health-related** themes such as Pink October, educating women and society of the importance of early diagnosis and prevention of breast cancer and, more recently, also about cervical cancer. Blue November focuses on diseases that affect men, in particular early diagnosis and prevention of prostate cancer, the 2nd most frequent type of cancer in men according to INCA, the National Cancer Institute. We follow the Ministry of Health awareness action calendar.



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Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Safety

Our safety management and initiatives include:

Cardinal Rules

Safety is primary in our operations and activities. There are **Cardinal Rules** for day-to-day operations. These are standards developed to avoid serious incidents.

The Cardinal Rules are:

- Permission for work (for working in heights, in confined spaces, power insulation, hoisting, hot work, handling chemicals and flammables, excavation and towing).
- · Safe driving of vehicles and machines.
- Use of cell phones and radios.
- · Activities with dangerous power sources.
- Personal Protective Equipment (PPE).
- Security systems.
- No firearms in the Company.
- No narcotics.
- · Reporting of incidents.
- Improvised tools cannot be used.

Risk analysis and assessment *GRI 403-2 and 403-9*

Risk must be systematically managed in order to keep operations safe, build trust and add value. Every year we therefore manage our business risks by way of the **Risk Cycle**. This process is essential for our development, helping detect potential improvements and culminating in the company performing better. It draws on an 8x8 **Risk Matrix**, which establishes an effective and standardized mechanism for mapping, prioritizing, determining the need for secondary analyses, governance and awareness raising.

Another important part of risk management is mapping out routine processes through work instructions and procedures. Whenever a non-routine process is performed, we analyze the risks involved in the task. Thus, there are minimum requirements for hiring new employees for certain positions, and mandatory training is provided to the entire workforce from time to time. Furthermore, each year we update our ERPP (Environmental Risk Prevention Program) and worker involvement. Certificates of hazardous and insalubrious work are prepared by engineers and occupational hygienists.

From time to time, we perform audits to find and close gaps. We also update the work instructions and procedures used by the Company.

Incident registration and management *GRI 403-2*

All workplace incidents are recorded in a specific system, along with the investigation performed, any recommendations and measures required to mitigate or eliminate the causes of the risks associated with the incident. We use a number of methodologies to investigate incidents (e.g., the "5 whys" and "logic trees"), in which investigation leaders are trained.

We also have an Incident **Governance Committee**, made up of the Organization's Senior SH&E (Safety, Health and Environment) leaders (members of the Executive Board, managing directors and managers), which discusses on a weekly basis Company incidents and develops plans to investigate and correct problems and inconsistencies to avoid recurrence.

Employee participation *GRI 403-4*

Employees may participate in day-to-day safety management via the

- DSDs (Daily Safety Dialogs).
- CIPA (Internal Accident Prevention Committee)

 Mills and Cane Fields. Some of the members are elected by the workers and some by the Company, as per regulatory standards NR-5 and NR-31.



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Communicate and *Stop Work* Tools *GRI 403-2*

Among the various safety measures we adopt, all our units now use Comunique and Stop Work tools. These were selected following an analysis of best practices in the tools currently in use by the industry. The number one aim of this is to prevent workplace accidents.

Comunique is the tool we use to report and address the risks detected in our operations. To facilitate the management of this data, an online system has been created, in which all Comuniques and the respective action plans created can be entered.

Stop Work envisages a cultural transformation, whereby each employee has the power to stop working on their own or activities, and report them. We believe that encouraging responsibility and authority in safety is a way to make our team aware and inform and involve them. This tool encourages all employees to put a halt to activities in our units if risks are identified, until such risks are resolved. In other words, we all have the duty to stop activities that generate risks. We naturally want this to be the mindset of our people. Stop Work is a tool to record this. Our Code of Conduct makes it clear that no type of reprisal against employees who take such actions will be tolerated.

In light of this, any employee who realizes a given activity is being performed in a way as to put people or the environment at risk is authorized to stop this activity until corrections are made. This practice has had a positive impact on reducing accidents.

The theme is addressed in our DSD (Daily Safety Dialogs) and in internal communications and campaigns. We also have an incentive program for employees with the best Stop Work initiatives. We have created a system that recognizes and points out the best *Stop Work reports*. Every month two *Stop Work* actions are chosen as the best at each of our 11 units. At the end of the year, the best *Stop Work* actions and their authors are selected from among all units.

Between December 2019 and February 2021 Stop Work **halted 7,300** jobs.





Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Other Initiatives

Other programs and initiatives also come under our **"Safety Journey"** umbrella, and professionals in all areas are instructed and encouraged to identify risk and consciously and actively participate in safety behaviors and care.



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Beliefs

We believe in zero injuries

We believe that safety excellence is compatible with quality excellence and business productivity and profitability

We look after each other and shut down unsafe activities

Contractors/service providers

GRI 403-7

All third parties/contractors who work in our operations are required to submit documentation and reviews of hiring tests to check the health of their workers.

Safety Results

Our consolidated safety results show an improvement in accident frequency rates. However, we had one contractor fatality in the 2020/2021 crop year.

GRI 403-9

Types of injury and rates of injury, occupational diseases, lost days, and absenteeism, and number of work-related fatalities

| Description | 2020/2021 |
|---|-------------------|
| For all employees: | |
| Number of fatalities as a result of work-related injuries | 1.00 |
| Rate of fatalities as a result of work-related injuries | 0.01 |
| Number of high-consequence work-related injuries (excluding fatalities) | 1.00 |
| Rate of high-consequence work-related injuries (excluding fatalities) | 0.01 |
| Number of recordable work-related injuries | 248.00 |
| Rate of recordable work-related injuries | 2.72 |
| Number of hours worked | 18,263,573.70 |
| For all workers who are not employees, but whose work and/or workplace is o | controlled by the |
| Organization | |
| Number of fatalities as a result of work-related injuries | 1.00 |
| Rate of fatalities as a result of work-related injuries | 0.02 |
| Number of high-consequence work-related injuries (excluding fatalities) | 0.00 |
| Rate of high-consequence work-related injuries (excluding fatalities) | 0.00 |
| Number of recordable work-related injuries | 52.00 |
| Rate of recordable work-related injuries | 0.92 |
| Number of hours worked | 11,354,836.00 |

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Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Our COVID-19 response

We are aware of the responsibility of working in sugar, biofuels and bioenergy production, as these products and services are essential for the population, as stated in Federal Decree 10,282 of March 20, 2020.

Even in such a challenging scenario as that posed by COVID-19, none of our 11 mills ever stopped operating, with extremely dedicated employees. We adopt all measures in our operations required to prevent the dissemination of the virus and to avoid and monitor disease occurrence.

For faster decisions and to manage efforts in this regard, we created **Strategic Committees to Fight COVID-19** (one central committee, a technical health committee with an infectologist, a committee for reach regional *cluster* and a continuity of business committee). We also created specific groups comprised of suppliers and service providers.

We started out by adopting protocols to protect our employees and took all possible care. Measures included changes such as working from home for administrative personnel, new work routines for all activities, limited or no travel or face-to-face meetings, care with cleaning and sanitizing, keeping away people in risk groups, suitable training and qualification, adjustments to internal environments (e.g., physical barriers) and other measures.

To add even more safety and protection, all employees received individual protective masks made of high-tech anti-viral fabric. We also distributed hand sanitizers, alcohol-gel and surface sanitizers to all areas, these to be permanent additions.

To help our communities, in the 2020/2021 crop year we donated 370 thousand liters of 70% ethanol, masks and hospital beds to the Brazilian public health care system, and worked together with other companies and entities on other actions.

Here are some highlights of our work on behalf of communities and society in general:

- February and March 2020: donation of goods/ services readily available to meet local demand.
- March through May 2020: partnerships with private enterprise and governments to meet state-level needs.
- Underway: meet the basic demands and provide emergency support to the health care organization and for the subsistence of needy communities, with volunteer work and partnerships with government and other organizations.



Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

We participated in coordinated measures taken by UNICA, the Sugarcane Industry Association, in which dozens of sugar and ethanol mills donated over 1 million liters of 70% ethanol to communities in six states, starting in 2020.

In June 2020, we donated 3 thousand disposable masks, 1,400 liters of bleach and a further 200 liters of 70% ethanol to the city government of Santa Juliana, MG.

We also donated masks in July 2020. In all, we donated 2 thousand masks to communities in Mato Grosso do Sul (MS) located close to our Monteverde mill in Ponta Porã. The beneficiaries were the Municipal Departments of Health in Ponta Porã and Dourados, both in MS. These masks were used by professionals in the Social Services Reference Center and Intensicare, the entity that manages the ICU at Hospital da Vida, in Dourados.

In September 2020, **BP Bunge Bioenergia, Boticário and Instituto Positivo** joined forces to ensure the donation of 30 thousand liters of liquid ethanol to hospitals in nine states. This cooperative activity was a combination of 70% ethanol supplied by BP Bunge, financial contributions from Instituto Positivo and packaging provided by Grupo Boticário.

A total of 350 thousand units were delivered to some 50 hospitals in nine states (Amazonas, Ceará, Goiás, Mato Grosso do Sul, Minas Gerais, Paraná, Pernambuco, Rio Grande do Norte and Tocantins). The State Departments of health of four states were also involved: Amazonas, Ceará, Pernambuco and Rio Grande do Norte.

In October 2020 we delivered 10 electrically operated hospital beds to the **Itumbiara Novo São Marcos regional hospital** in Itumbiara, GO. The Itumbiara Novo São Marcos regional hospital was set aside by the Goiás State Government to be a general unit to provide health care in that part of the state, and was also used as a field hospital for COVID-19 cases. This health care unit was revamped and expanded to be used as a regional hospital. The ten beds we donated were used to equip new wings.

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Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Organizational Health Index Survey

In 2020, we participated in an **Organizational Health Index** Survey led by McKinsey & Company. 1,619 at BP Bunge employees answered the questionnaire. The results were disclosed in October 2020.

Organizational health is the health of a company in general and covers the internal climate and the working conditions offered to employees. The survey covers factors such as quality of life, motivation, business relations, and employee health and satisfaction with their jobs, or everything required to develop an agreeable professional environment.

The 2020 edition of the survey focused especially on the **COVID-19 pandemic**. As a rule, employees who answered the survey felt that the difficult situation caused by the pandemic was handled well by the Company (90% said the BP Bunge adequately responded to the situation), although 48% responded that their day-to-day work was negatively impacted.

Other relevant findings regarding employee perception of the Company's position during the pandemic:

- 89% of respondents claimed the leaders were proactive in making decisions to protect workers.
- **91%** said their leaders provided enough information about how their work would be impacted.
- **94%** agreed that the Company provided workers with alternative or new ways to work so they could continue contributing to the Company.

When it comes to safety in general, most of the interviewees said BP Bunge focuses on safety- "safety is something very present and valued by the company". The most significant piece of data is that 90% of those interviewed believe that leaders demonstrate with actions that the company puts safety ahead of results.

Internal recognition - Excellence Award

On March 24, 2021 we virtually handed out our Excellence Award.

This award recognizes safety highlights and the operating performance for that crop. The best performing employees in safety and those who stopped unsafe activities (*Stop Work*) were honored, as were the units with the best performance in the main cane field and mill indicators.

This initiative reinforces and encourage professionals who, in their day-to-day operations, demonstrate greater adherence to our main value: Safety, and incentivizes teams to remain increasingly dedicated to the continuous search for excellence in business.





Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Community relations



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

GRI-413-1

We are committed to promoting the local development of the communities where we operate and try to be a positive influence.

For this it is essential that we develop constructive relationships with the communities, identify issues related to our activities and measure and monitor the impact of our operations so as to ensure the privilege to operate (permits). We interact with some 40 communities around our mills.

In the 2020/2021 crop year the greater focus of our relationship with these communities was to fight the COVID-19 pandemic. Our mills interacted heavily with the health departments of locations close to our operations, sharing practices to fight the novel coronavirus. See the initiatives listed under "Activities to fight the COVID-19 pandemic", in the "People and human capital management" chapter.

The goal of our social investments is to develop structured guidelines for relating to local communities and government entities, and foster management of the Company's reputation.

Our social investments are focused on helping resolve local challenges that are directly relevant to our longterm business strategy, working on four pillars:

Education

Education, professional qualification, and development of individual skills are a natural priority when it comes to investing in the community, due to their relationship to productivity and the economic growth of our business. Programs developed could address themes such as business and leadership skills, support for basic education and development of technical skills.

Economic development (job creation and support for entrepreneurism).

One of the most valuable contributions a company can make to society is to create jobs, either directly or via its supply chain. In certain spheres, local businesses need help to meet our standards. Thus, we offer technical support, training in business management, health, safety, ethics and even access to financing. In a broader approach, encouraging entrepreneurism creates value and diversifies local economic development.

The environment

This refers to a global overview that demands better choices and is based on our Vision of becoming a global reference in renewable energy. This category includes spontaneous projects and programs - not only those required for compliance - to measure and monitor our "carbon footprint", the consequences of global warming and global environmental initiatives.

Supportive engagement (volunteer and engagement activities)

In this context, social initiatives allow us to support communities during natural disasters or in a state of emergency. This includes encouraging employees to volunteer and engage with the communities where they live. The focus is to meet basic subsistence needs such as access to water, hygiene, health care items and food.



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Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

rmon

51

BP Bunge supports recovery of the Goiás archaeological heritage.

As disclosed in early 2021, we are supporting an initiative that involves the Francisco Honório de Campos Historical Museum in Jataí. We are proud to support the recovery of an important archaeological site surrounding our Tropical mill in Edéia, GO.

Recovering this site has been authorized by Iphan, the National Institute for Historical and Artistic Patrimony, and is being performed together with the Goiânia, GO Archeology and Environment Registration company.

The Francisco Honório de Campos Historical Museum in Jataí, in southwestern Goiás, is the cultural institution responsible for safekeeping, conservation and display of a collection of some 10 thousand archaeological fragments recovered from two locations close to the Tropical mill.

This recovery will help preserve the history and memory of this region. It is one more action that reinforces our commitment to the communities where we are present.



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Environmental stewardship

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

We have an **Environmental Stewardship Plan**, which sets out assumptions and guidelines for monitoring and managing our environmental impacts. This plan is a part of our Integrated Management System.

Our Environmental Management Plan sets out continuous and systematic actions for partnering with government agencies, entities, partners and community representatives, in order to contribute to the conservation, the creation of new green belts, the preservation of protection areas, dissemination of expertise and environmental education. The collaboration between companies, governments, organizations and people is undoubtedly the best way to achieve excellent results to continuously enhance our environmental stewardship.

Every year we carry out an **environmental risk assessment** and prepare the Risk Cycle, by which we map out and rate all business risks. We map all measures or barriers installed to mitigate and/or eliminate risks and their consequences and identify the measures or barriers that still need to be implemented. Every year we also update the **PPRA (Environmental Risk Prevention Plan).**

Materials used

In respect of the materials used in the harvest, see the performance table.

Waste

In line with the circular economy concepts, we strive to recycle and/or reuse everything that is produced and is not sold or used immediately, which applies to the waste produced by our cane field and mill activities.

The best example of this is vinasse - all vinasse produced is used, and returns to the field as fertilizer/ nutrients - and sugarcane bagasse, which is fully reused to generate electricity.

We manage waste internally – we have a Solid Waste Management Plan – and its destination is analyzed before contracting, sales or forwarding takes place. All waste dispatches are registered and added to the inventory at the end of the year.

Waste is separated and handled by licensed companies. All companies to be contracted undergo an analysis of their licenses and means of disposal by our Environmental Department.

Hazardous waste that cannot be re-used is sent to the incinerator.

GRI 306-3

Total weight of waste, by waste composition

| Description | Unit | 2020 |
|--------------------|------|--------------|
| Hazardous waste | t | 1,337.46 |
| Nonhazardous waste | t | 5,848.50 |
| Byproducts | t | 8,066,765.80 |





Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Emissions

The ethanol and electricity produced from sugarcane biomass make it possible to reduce greenhouse gas (GHG) emissions by avoiding the burning of fossil fuels, which is driving demand for these products.

Our production line therefore continually strives to enhance or introduce processes that rationalize resource usage or eliminate waste production and gas emissions.

Avoided emissions

To monitor avoided emissions, we use the **RenovaBio factor** (given that all our units are certified in this Program), considering the volume of ethanol produced and traded and the export of clean bioenergy and observing the Energy-Environmental Efficiency Rating of our units.

Based on this, we had:

RenovaBio Program

Under the RenovaBio Program, more than 1 million CBios were generated at BP Bunge in the 2020/2021 crop year.

We sold all CBios generated in 2020. By doing this we aim to improve the liquidity of this market and to ensure the program's targets are met.

We understand that the CBios constitute an important mechanism, which cultivates investment and fosters business sustainability.

| Emissions Avoided (tCO ₂ e) | 2018 | 2019 | 2020 |
|---|-----------|-----------|-----------|
| Total avoided emission (RenovaBio factor) | 1,834,685 | 1,841,169 | 1,662,957 |

Note: We are adopting the methodology of the GHG Protocol Program and will start disclosing the main results in our next Sustainability Report.





Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Water resources

Our production processes aim to use as little water as possible.

Reducing our water intake and consumption and the quality of water resources are a part of our sustainability commitments, which aim to ensure the rational use of this precious resource in our cane field and mill processes. All of our mills are located in the vicinity of rivers, springs or water bodies.



Water withdrawal and discharge *GRI 303-1*

All water withdrawn from natural water bodies or through dikes is authorized by ordinances, issued by the respective authorities. The volume of water withdrawn for use in the milling process is controlled.

The entire volume consumed is compliant with that authorized by the respective authorities.

We do not discharge water and effluent (wastewater and vinasse) produced by the milling process into water bodies. It is used in cane field irrigation.

The water bodies comprising the areas of influence of our mills are monitored, in order to check quality.

To monitor water resource quality, we conduct periodical analyses to monitor the parameters established by the CONAMA (National Environmental Council) Resolution 357/2005, which addresses the classification of water bodies and the guidelines for their classification.

GRI 303-3

Water withdrawal by source (In mega liters – ML)

| 2020/2021 |
|------------|
| Crop Year |
| 31,906.874 |
| 2,271.233 |
| 34,178.107 |
| |

Reusing water in closed loops in our industrial process, in items such as sugarcane washing, gas scrubbers, boilers and water cooling, helps diminish our intake from external sources. Using wastewater and vinasse in the fertigation process also diminishes our need to withdraw water from watercourses for irrigation purposes.

The water consumption per tonne of sugarcane processed in our mills references the mills' internal benchmarks, which present the best m³/tonne of processed sugarcane indicator, with this benchmark equal to 1.0 m³ (one cubic meter) of water per tonne of crushed sugarcane. This indicator is measured and reported monthly, with an annual target established for our 11 Mills.

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Energy consumption

In respect of the energy consumption by our operations, note the following:

Energy consumption within the Organization

GRI 302-1

To determine our total energy consumption within the Company, we consider the nonrenewable fuels consumed plus renewable fuels consumed plus electricity acquired for consumption plus self-generated electricity and steam less electricity and steam sold.

Energy consumption within the Organization

| | 2020/2021 | | | | | | |
|-------------------------------------|---------------|--|--|--|--|--|--|
| Type (values in Gigajoules-GJ) | Crop Year | | | | | | |
| Consumption of nonrenewable fuels | | | | | | | |
| Diesel | 3,535,483.88 | | | | | | |
| Gasoline | 391.44 | | | | | | |
| Consumption of renewable fuel | | | | | | | |
| Sugarcane bagasse | 57,310,733.31 | | | | | | |
| Consumption of purchased electri | city | | | | | | |
| Electricity | 88,907.65 | | | | | | |
| Self-generated electricity and stea | m | | | | | | |
| Electricity | 6,795,473.15 | | | | | | |
| Steam | 325,292.87 | | | | | | |
| Sale of electricity and steam | | | | | | | |
| Electricity | 4,351,594.79 | | | | | | |
| Steam | 325,292.87 | | | | | | |

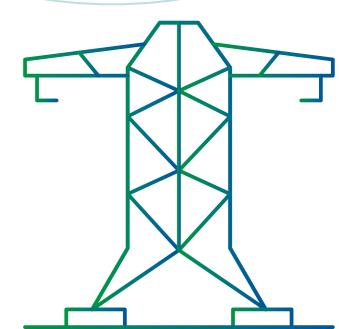
Energy consumption outside of the Organization

GRI 302-2

Energy consumption outside of the Organization was 72,004.62 GJ in the 2020/2021 crop year.

Energy intensity GRI 302-3

Energy intensity considering all energy consumed within the Company and the average gigajoules consumed by ton of crushed cane (GJ/t crushed cane), was **0.4** in the 2020/2021 crop year.





Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Biodiversity

We have operations in five Brazilian states (São Paulo, Minas Gerais, Goiás, Mato Grosso do Sul and Tocantins). We are aware of the socioeconomic importance of our activities in the municipalities we operate in and the need to steward biodiversity in all of these locations.

It is essential to reinforce that, in our agricultural practices and activities, we do not use fire and do not carry out deforestation actions.

To this end we carry out a series of activities, initiatives and projects that bolster our commitment to long-term sustainability. Such initiatives include:

Reforestation

Reforestation with native species from the Cerrado and Atlantic Forest biomes in Permanent Conservation Areas (APPs) and Legal Reserves (ARLs), that are degraded and located within the areas of influence of our mills. All seedlings intended for reforestation are produced at our Seedling Nursery (see below for further information), located in our Ituiutaba mill (Ituiutaba - MG).

GRI 304-1, 304-3

In the Ituiutaba (Ituiutaba - MG), Santa Juliana (Santa Juliana - MG) Moema mills (Orindiúva - SP), we have leased areas inside or around the Conservation Units. The Ituiutaba mill has some 13,603.45 ha of

arable land within the Buffer Zone of the full protected areas, denominated as a state wildlife refuge of the Tijuco and Prata rivers. The Santa Juliana mill has approximately 130.86315 ha of arable land within the Conservation Unit of the Environmental Protection Area (APA) of the Uberaba River's Drainage Basin. Lastly, the Moema mill does not have an area inside the Conservation Unit.

The Ituiutaba unit is near the full protected area of the state wildlife refuge of the Tijuco and Prata rivers created on March 22, 2011 by way of Decree 45.568. It has 9,750.4026 hectares and embraces the municipalities of Ituiutaba, Campina Verde, Prata, Gurinhatã and Ipiaçu, in Minas Gerais.

At the Santa Juliana mill there are two Conservation Units - a Conservation Unit for Medicinal Plants of the Cerrado, which is a Private Natural Heritage Reserve in Araxá, and the Environmental Protection Area (APA) of the Uberaba River's Drainage Basin, created by State Law 12.183, of 01/21/1999, with a length of 528.1 Km². Close to the Moema mill is the fully protected Paulo de Faria Ecological Station Conservation Unit, created by Decree 17.724 of 9/23/1981, within an area of influence covering 436.00 hectares.

All operating areas located close or within Conservation Units have environmental licenses for cultivating sugarcane. In these areas we adopt actions such as building and maintaining fire breaks for prevention and protection against cane field fires and soil conservation practices.

GRI 304-2

During the environmental licensing process we map out possible environmental impacts that our operations could have and control and monitoring proposals made in order to reduce impacts and monitor the activities. The impacts mapped include atmospheric emissions, impacts on fauna, contamination of the water bodies and changes in the natural landscape.

To operate without adversely impacting the surrounding environment, we monitor the atmospheric emissions of boilers and black smoke emitted by diesel vehicles in our operations, monitor surface water quality, monitor local fauna and only lease areas classified as consolidated use, i.e., without converting vegetation into areas of sugarcane cultivation, in addition to storing Permanent Conservation Areas and Legal Reserve, by planting native seedlings produced by our Seedings Nursery (Ituiutaba plant).

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Environmental Education Plan

To this end, in 2020 we carried out a **Participatory Social and Environmental Diagnosis(DSP)**, which aims to build a collective vision of the local reality, identify potential, ascertain local issues and articulate recommendations for improvement, based on the venture's social and environmental impacts, resulting in a database to inform and underpin the construction and implementation of the PEA.

Springs Program

Springs Program run by the São Paulo state government. This program was created on June 05, 2014 (Environment Day) In an initiative of the state government to promote the ecological restoration of priority areas, in order to protect and conserve water resources and biodiversity. Its main advantage is the conversion of fines into ecological restoration, in order to strengthen and enhance ecosystem services, by planting native seedlings. We joined this program voluntarily in 2018. One of this program's differentials is converting fines into environmental preservation actions. Up to 90% of the consolidated value of infractions identified by inspection agencies can be converted into environmental services. For this it is necessary to sign an Environmental Recovery Commitment.

Rural Environmental Database (CAR)

Participation in the Requirement for Rural Environmental Registry (CAR) records in areas with active contracts. We require all areas that have an active contract with us to have an active CAR.



Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Monitoring fauna GRI 304-4

We carry out annual fauna monitoring campaigns in areas under our management and the areas of our facilities, with the aid of a multidisciplinary team specializing in monitoring an impressive range of fauna groups.

Expert technicians visit previously defined points within the unit's area of influence in order to record any and all evidence of fauna, be it direct (sightings or sounds) or indirect (droppings, tracks and carcasses).

After completing the survey, we compare the results from these campaigns against results from the survey carried out in the Environmental Impact Study/ Environmental Impact Report (EIA/RIMA) before the venture was set up, assessing the results. Alongside the fauna monitoring, we also carry out activities to preserve the remaining vegetation in the region. Our annual monitoring noticed a significant increase in various species in their natural habitat, which demonstrates that our operations are not having a negative effect.

All our units have fauna monitoring processes. A number of units also completed the obligation imposed by the environmental department to carry out monitoring, such as the Tropical (Edéia - GO), Itumbiara (Itumbiara - GO) and Pedro Afonso (Pedro Afonso - TO) units, which have completed the number of campaigns required by the environmental department and nevertheless are monitoring the fauna seen in the venture's surroundings, recording sighting dates and locations. The other units maintain a periodical fauna monitoring schedule, divided into dry and rainy seasons. Each fauna group has a specific methodology for monitoring, which is always conducted by teams of specialized technicians. At the Ituiutaba Mill (Ituiutaba - MG) specifically, endangered species are monitored alongside the general monitoring of fauna groups.

In general, our operations have not adversely impacted local fauna and there is no interference in Permanent Conservation Areas and Legal Reserve Areas, which are preserved.





Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Seedling nursery

Our Seedling Nursery is located at the Ituiutaba Mill (Ituiutaba - MG). The nursery consists of a main greenhouse and a seedbed, which jointly have an **annual production capacity of 200 thousand native seedlings** for reimplantation and reforestation.

Our 11 mills are planning to plant 2.3 million native seedlings by 2030, in addition to plantations projected for sustainability projects in local communities, such as rehabilitating Permanent Conservation Areas (APP) for springs in São Paulo state.

More than 100 species have been produced, such as Handroanthus riodocensis, Caryocar brasiliense, jacaranda carajasensis, .Schinus terebinthifolia, Hymenaea stigonocarpa Mart. and Myrcia tomentosa.

Main positive impacts:

- Producing quality native seedlings.
- Fostering the rehabilitating of Permanent Conservation Areas (APP) and Legal Reserve Areas (ARL) of partners, by donating seedlings.
- Creating and connecting ecological corridors by intermediating in the rehabilitation of Permanent Conservation Areas (APP).
- Producing a variety of species.
- Opportunity to provide environmental education in local communities.
- Great approximation between communities and our mills.

Concentrated efforts to plant forests and restore areas in Goiás.

In October 2020 we donated thousands of seedlings of trees native to Goiás to contribute to the formation of forests, restoration of Permanent Conservation Areas (PCA) and promotion of environmental education and population awareness activities to plant tree varietals in towns close to the mills in that state: (Itumbiara (Itumbiara - GO) and Tropical (Edéia - GO)).

Seedlings were donated to the City Department of Education, Culture and Sports in Cachoeira Dourada, a city next to Itumbiara (GO), where one of our mills is located. This will support environmental education projects following "Tree Day", celebrated on September 21, and for reforestation of the city's future "beach".

On October, we donated seedlings to the City Departments of the Environment in Turvelândia, Porteirão and Edéia, in Goiás. This last one is where our Tropical mill is located.

We donated additional seedlings during the month to the Itumbiara Department of the Environment, to the State University of Goiás unit in that municipality, and to the city's *Rotary Club*.

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Commercial and customer management

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits



We manage our commercial processes to identify opportunities, boost business and mitigate risks. We are one of the main players in our sector and are therefore establishing and maintaining commercial management processes based on predictive scenarios and projections and prospecting the sale of products.

We serve upwards of 20 client firms with operations in Brazil and overseas, in the distribution and trading sectors for energy and fuels, food products, beverages, cosmetics and pharmaceuticals, amongst others. We cherish enduring relationships and delivering high standard products to serve the most demanding markets our customers operate in.

We serve the following markets:

- Ethanol: distributors, trading companies and clients overseas.
- Sugar: trading companies, food and drinks industry and crystal sugar baggers.
- Energy: trading companies and major energy consumers.

We have also achieved meaningful economies of scale in our produce distribution logistics. We had a sugar shipment contract with VLI, a logistics solutions company that boasts railways, terminals and ports and was elected the best logistics operator in Brazil by the Ferroviária Magazine Awards in 2019. Our ethanol storage capacity is 785 thousand cubic meters in an integrated storage system and includes our 11 industrial mills, in Paulínia (SP), Santos Port (SP), at Opla Logística Avançada, a company controlled by bp and Copersucar.



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Supplier management

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

64

GRI content table

Credits

The joint venture between bp and Bunge led to the creation of BP Bunge, unifying our supply chain and defining a unitary process for selecting, approving, managing and excluding suppliers.

Our daily business consists of two major categories: suppliers of materials and services and sugarcane suppliers.

For the materials and services category, we maintain the BP Bunge Bioenergia Suppliers Program, which aims to support all our suppliers, carry out assessments, support capacity building and encourage the nurturing of enduring partnerships.

We use a **Contractor Management System**, for the suppliers of materials and service providers, in order to guarantee compliance, reinforce the importance of safety concepts and practices and achieve greater productivity and efficiency.

GRI 204-1

As regards the use of local suppliers, we classify parameters in the same state as local.

For sugarcane suppliers we have the Allia program, launched in May 2021, which has the aim of promoting efficiency and productivity for suppliers and building enduring relationships. As our relations and partnerships with sugarcane supplies are essential to the Company, the Allia program has been structured around three pillars:

- **Meritocracy**, recognizing suppliers for the value they create.
- Loyalty, through partnerships with long-term commercial incentives.
- Sustainability assurance for suppliers, with greater stability for business planning.

This program is accordingly our exclusive business platform for sugarcane suppliers, with its main differential being fixing the TRS for sugar, which makes producer revenue more predictable.

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Other advantages of the program: access to credit for cropping and cane plantation, with attractive interest rates; selecting and providing varietal seedlings for planting mother rows in crop fields; providing diesel at competitive prices; arrangements with partners supplying inputs and services with benefits obtained for bulk purchases; Barter partnership, which enables benefits to be paid using sugarcane; promoting events with technical capacity building for all stages of crop handling; and recognition awards for suppliers meeting quality criteria and performing targets.

To find out more about our Allia program, please see: <u>www.allia.bpbunge.com.br.</u>

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

In the 2020/2021 crop year we used roughly 220 sugarcane suppliers, accounting for 24% of our crops. If we include our partners, we have 1,850 sugarcane suppliers and partners.

In total - sugarcane suppliers plus other material suppliers and service providers - we did business with 2,652 suppliers in the 2020/2021 crop year.

For the purpose of monitoring, currently 25% of the sugarcane from suppliers is audited for compliance with labor, environmental and safety requirements. In the next ten years we aim to have more than 80% of third-party sugarcane audited.

GRI 308-1, 408-1, 409-1

The respect for the environment and labor matters are taken into account when selecting suppliers. We do not procure or engage suppliers with financial, legal, labor or environmental problems Our contracts contain clauses prohibiting child, forced or compulsory labor (also mentioned in our Code of Conduct), and to assure that the contracted company follows environmental guidelines and the labor legislation. 100% of new suppliers in crop year 2020/2021 were screened using social and environmental criteria.

Procurement and purchase processes are adapted to our requirements. We did not experience significant issues involving discontinuities, insufficiencies or stoppages following the onset of the COVID-19 pandemic.



Best Suppliers Award

To further interaction with our materials and services suppliers, in December 2020 we launched the BP Bunge Bioenergia Best Suppliers Award.

This award process aims to nurture the development of suppliers and acknowledge partner materials and services providers that demonstrate the best compliance with the criteria established by four assessment committees, comprising more than one hundred of the Company's employees.

In order to choose the best suppliers in this first edition of the awards, we assessed the criteria established by these four assessment committees. More than 280 suppliers were assessed in seven categories, including health and safety, amongst other topics.

We want these awards to recognize and reinforce the bonds of partnership and joint work with our suppliers, who are a crucial part of the production chain of the essential activities we carry out by producing sugar, ethanol and bioelectricity.

The awards for both service providers and material suppliers were divided into seven categories, in addition to recognition for safety, another for health, one for our internal staff managing the contracted companies, and the main award for Best Supplier of the Year.



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Outlook

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

67

GRI content table

Credits

Our ambition is to be the leading player in sustainable energy, with operations replete with social, environmental and economic value. We are well positioned to support the growing demand in Brazil for low-carbon bioenergy and sustainable products.

Following the progression of the integration, we want to cement our organizational culture around our Values. Our strategy is the emphasis on continuing improvement, improved efficiency, higher productivity and cash generation.

We want to continue focusing on sustainability integrated into our business. Our evolution in this requisite is permanent.

We will invest in diminishing our "carbon footprint" by relying more on renewable energies, and engaging heavily in Cbios in the RenovaBio program. We also want to keep working in the pursuit of greater energy efficiency throughout the production chain.



In the **short-term**, our strategy is to maximize the value of assets by increasing production capacity, consolidating our portfolio and ramping up the use of technology. We considered the following prospects:

- Higher prices for the 2021/2022 crop year, with 100% of energy prices fixed and around 80% of sugar prices fixed. Future ethanol curves suggest an increase of roughly 25% on the 2020/2021 crop year.
- Continued implementation of initiatives to continuously improve operational efficiency and leverage synergies following the formation of the joint venture.
- We estimate a decrease of approximately 5% in sugarcane yield compared with the 2020/2021 crop year, due to the lengthy drought at the end of 2020.
- In the 2021/2022 crop year, we plan to invest some R\$ 1 billion in cane fields and an additional R\$ 200 million in milling assets, intending to save some R\$ 1.2 billion in three crop years by leveraging synergies.

We will also keep investing in cane field production, to the tune of some R\$ 1.25 billion a year, with 80% of this amount to be directed to cropping and a further 20% to equipment and maintenance.

We want to advance in best practices and efficiency, maximizing the use of technology and identifying opportunities to develop future capacities in our sector, whilst always operating responsibly and sustainably.



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Our identity

Introduction

Message from our leadership

Highlights in the crop year

Performance

Tables

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Environmental Performance

| Our 2030 Commitments | Re. GRI | Unit | 2020/21 Crop Year | 2030 Targets | SDGs |
|--|-------------------------------------|---------------------|----------------------|--|----------------------|
| Climate Change | | | | | |
| GHG inventory Note: BP BUNGE's GHG Inventory (Baseline of the 2020/2021 crop season will be published in the company's next Sustainability report) | 305-1, 305-2, 305-4 and 305-5 | t CO2/ t ethanol | | Reduce greenhouse gas emissions by 10% in ethanol production | 13 CLIMATE |
| Total emissions avoided (factor Renovabio) | | t CO2 e | 1,662,957 | | |
| Diesel consumption under company management | 301-1 | L/ton | 1,43 | Reduce diesel use by company-managed in harvesting and infield transport of sugarcane by 10% | 13 CLIMATE |
| Circular economy and waste management | 306-1 to 306-5 | % | 86.0 | Reuse and/or recycle >90% of nonhazardous waste materials | 13 CLIMATE ACTION |

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

| Our 2030 Commitments | Re. GRI | Unit | 2020/21 Crop Year | 2030 Targets | SDGs |
|---|---------|------|----------------------|--------------|------|
| Total weight of waste by waste composition | 306-3 | t | | | |
| Hazardous waste | | t | 1,337.5 | | |
| Nonhazardous Waste | | t | 5,848.5 | | |
| Byproducts | | t | 8,066,765.8 | | |
| Total waste volumes | | t | 8,073,951.8 | | |
| Total weight of waste diverted from final disposal | | t | | | |
| Hazardous waste | | t | 568.6 | | |
| Nonhazardous Waste | | t | 5,048.7 | | |
| Byproducts | | t | 8,066,765.8 | | |
| Total waste volumes | | t | 8,072,383.1 | | |
| Waste diverted from disposal, by recovery operation | 306-4 | t | | | |
| Hazardous Waste | | t | - | | |
| Reuse | | t | - | | |
| Recycling | | t | 568.6 | | |
| Other recovery operations | | t | - | | |
| Nonhazardous Waste | | t | - | | |
| Reuse | | t | - | | |
| Recycling | | t | 5,048.7 | | |
| Other recovery operations | | t | - | | |
| Nonhazardous Byproducts | | t | - | | |
| Reuse | | t | 515,448.2 | | |
| Recycling | | t | - | | |
| Other recovery operations | | t | 6,439,466.1 | | |
| Waste Prevented | | t | 6,960,531.6 | | |
| Waste directed to final disposal | 306-5 | t | | | |
| Hazardous waste | | t | 768.9 | | |
| Nonhazardous Waste | | t | 799.8 | | |
| Byproducts | | t | | | |
| Total waste directed to disposal | | t | 1,568.7 | | |

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

| Our 2030 Commitments | Re. GRI | Unit | 2020/21 Crop Year | 2030 Targets | SDGs |
|--|---------|--------------------------------|----------------------|--|----------------------------------|
| Biodiversity Management | 304-3 | Number of native species | 252,204.0 | Plant 2.3 million native species seedlings | 15 UFE ON LAND |
| Energy | 302-1 | GJ | | Improve energy efficiency by 10% | 7 AFFORDABLE AND CLEAN ENERGY |
| Total consumption of nonrenewable fuels | | GJ | 3,535,875.3 | | - <u>`</u> |
| Diesel | | GJ | 3,535,483.9 | | – – – – |
| Gasoline | | GJ | 391.4 | | |
| LPG | | GJ | - | | |
| Total consumption of renewable fuels | | GJ | 57,310,733.3 | | |
| Sugarcane bagasse | | GJ | 57,310,733.3 | | |
| Wood chips | | GJ | - | | |
| Ethanol | | GJ | - | | |
| Total electricity purchased, heating, refrigeration and steam | | GJ | 88,907.7 | | |
| Electricity purchase | | GJ | 88,907.7 | | |
| Heating purchase | | GJ | - | | |
| Cooling purchase | | GJ | - | | |
| Purchased steam | | GJ | - | | |
| Total electricity sold, heating, refrigeration and steam | | GJ | 4,676,887.7 | | |
| electricity sales | | GJ | 4,351,594.8 | | |
| heating sales | | GJ | - | | |
| cooling sales | | GJ | - | | |
| steam sales | | GJ | 325,292.9 | | |
| Total self-generated electricity, heating, refrigeration and steam | | GJ | 7,120,766.0 | | |
| electricity self-generation | | GJ | 6,795,473.2 | | |
| heating self-generation | | GJ | - | | |
| cooling self-generation | | GJ | - | | |
| steam self-generation | | GJ | 325,292.9 | | |
| Total energy consumption within the organization | | GJ | 56,258,629.0 | | |

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

| Our 2030 Commitments | Re. GRI | Unit | 2020/21 Crop Year | 2030 Targets | SDGs |
|---|---------|--------------------------|----------------------------|--|----------------------------------|
| Energy intensity within the organization (Scope 1 and Scope 2) | | GJ/ t crushed cane | 2.05 | | |
| Electricity exports | | GJ/MWh | | Increase electricity export MWh output by 10% | 7 AFFORDABLE AND CLEAN ENERGY |
| Water | 303-3 | m3/t crushed cane | 1.25 m3/ t crushed cane | | 6 CLEAN WATER AND SANITATION |
| Water withdrawal - Cane field operations | | | | | |
| General Surface Water with TDS≤ 1000 mg/L (TDS- Total Dissolved Solids) | | | 31,906.9 | | |
| Groundwater with TDS≤ 1000 mg/L (TDS - Total Dissolved Solids) | | | 2,271.2 | | |

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Social Performance

| Our 2030 Commitments | Re. GRI | Unit | 2020/21 Crop Year | 2030 Targets | SDGs |
|--|-----------|---------------|----------------------|--------------------------------------|-------------------------------------|
| Occupational health and safety | GRI-403-9 | Dimensionless | 0.05 | Lost-time injury rates equal to zero | 8 DECENT WORK AND ECONOMIC GROWT |
| Occupational Accidents-Employees | | | | | |
| i.1 Number of fatalities as a result of work-related injuries; | | Number | 1.00 | | |
| i.2 Rate of fatalities as a result of work-related injuries | | Ration | 0.01 | | |
| ii.1 Number of high-consequence work-related injuries (excluding fatalities) | | Number | 1.00 | | |
| ii.1 Rate of high-consequence work-related injuries (excluding fatalities) | | Ration | 0.01 | | |
| iii.1 Number of recordable work-related injuries | | Number | 248.00 | | |
| iii.2 Rate of recordable work-related injuries | | Ration | 2.72 | | |
| iv. Main types of occupational injuries | | Description | | | |
| v. Number of hours worked. | | Number | 18,263,573.70 | | |
| Work-related accidents-Non-employees | | | | | |
| i.1 Number of fatalities as a result of work-related injuries; | | Number | 1.0 | | |
| i.2 Rate of fatalities as a result of work-related injuries | | Ration | 0.0 | | |
| ii.1 Number of high-consequence work-related injuries (excluding fatalities) | | Number | 0.0 | | |
| ii.1 Rate of high-consequence work-related injuries (excluding fatalities) | | Ration | 0.0 | | |
| iii.1 Number of recordable work-related injuries | | Number | 52.0 | | |
| iii.1 Rate of recordable work-related injuries | | Ration | 0.92 | | |
| iv. Main types of occupational injuries | | Description | | | |
| v. Number of hours worked. | | Number | 11,354,836.0 | | |

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

| Our 2030 Commitments | Re. GRI | Unit | 2020/21 Crop Year | 2030 Targets | SDGs |
|--|---------|-------------|----------------------|--------------|------|
| Work-related ill health-Employees | | | | | |
| i. Number of fatalities as a result of work-related ill health | | Number | 0 | | |
| i. Rate of fatalities as a result of work-related ill health | | Ration | 0 | | |
| ii. The number of cases of recordable work-related ill health | | Number | 0 | | |
| iii. Main types of work-related ill health. | | Description | | | |
| Work-related ill health-Non-employees | | | | | |
| i. Number of fatalities as a result of work-related ill health | | Number | 0 | | |
| i. Rate of fatalities as a result of work-related ill health | | Ration | 0 | | |
| ii. The number of cases of recordable work-related ill health | | Number | 1.0 | | |
| iii. Main types of work-related ill health. | | Description | | | |

| Our 2030 Commitments | Re. GRI | Unit | | | | 2030 Targets | SDGs |
|--|---------|--------|-------|-------|-------|---|-----------|
| Human capital | | | | | | To be a leading employer and people manager | |
| Information on employees and other workers | 102-8 | | | | | | íí |
| 102-8-a. Number of employees | | | | | | | |
| by employment contract and by | | Unit | Men | Women | Total | | |
| gender | | | | | | | |
| Definite term | | Number | 10 | 12 | 22 | | |
| Indefinite term | | Number | 7,515 | 885 | 8,400 | | |
| Total by gender | | Number | 7,525 | 897 | 8,422 | | |
| Grand total | | Number | | | 8,422 | | |

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

| Our 2030 Commitments | Re. GRI | Unit | | | | 2030 Targets | SDGs |
|---|---------|--------|----------|------------|-------|--------------|------|
| 102-8-b. Number of employees by employment contract and by region | | | Definite | Indefinite | Total | | |
| North | | Number | 1 | 720 | 721 | | |
| Northeast | | Number | - | - | - | | |
| Midwest | | Number | 9 | 1,989 | 1,998 | | |
| Southeast | | Number | 12 | 5,691 | 5,703 | | |
| South | | Number | - | - | - | | |
| Total by gender | | Number | 22 | 8,400 | 8,422 | | |
| Grand total | | Number | | | 8,422 | | |
| % of employees covered by collective bargaining agreements | 202-1 | % | | | 100% | | |
| Turnover | 401-1 | | Men | Women | | | |
| Total number of new employees hired | | Number | 551 | 145 | | | |
| Total number of employees dismissed | | Number | 1,064 | 163 | | | |
| Rate of new hirings | | % | 6.5% | 1.7% | | | |
| Rate of employees dismissed | | % | 12.6% | 1.9% | | | |
| Turnover rate | | % | 9.6% | 1.8% | 11.4% | | |

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

| Our 2030 Commitments | Re. GRI | Unit | | | | 2030 Targets | SDGs |
|--|---------|--------------------|-------|-------|-------|--------------|------|
| Maternity and Paternity Leave | 401-3 | | Men | Women | Total | | |
| a. Total employees entitled to parental leave | | Number | 7,525 | 897 | 8,422 | | |
| b. Total employees who took parental leave | | Number | 239 | 51 | 290 | | |
| c.Total employees who returned to work after parental leave ended | | Number | 224 | 42 | 266 | | |
| d. Total number of employees that returned to work after parental leave ended that were still employed 12 months after their return to work | | Number | N/A | N/A | N/A | | |
| e. Return to work and retention rates after parental leave | | % | 94% | 82% | 92% | | |
| Average hours of training per year per employee by employee category | 404-1 | | Men | Women | | | |
| Executive Board | | hours/ employee | - | - | | | |
| Managers | | hours/ employee | 4.8 | 1.5 | | | |
| Coordinators | | hours/ employee | 24.2 | 15.1 | | | |
| Specialist | | hours/ employee | 16.1 | 3.1 | | | |
| Other Employees | | hours/ employee | 19.0 | 8.2 | | | |

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

| Our 2030 Commitments | Re. GRI | Unit | | | | 2030 Targets | SDGs |
|----------------------|---------|--------|-------|-------|-------|--------------|------|
| % Employees Reviewed | 404-3 | % | 4.9 | 7.1 | | | |
| Diversity- Numbers | 405-1 | | Men | Women | Total | | |
| Executive Board | | Number | 5 | 1 | 6 | | |
| Senior Executives | | Number | 10 | 3 | 13 | | |
| Managers | | Number | 85 | 21 | 106 | | |
| Coordinators | | Number | 162 | 37 | 199 | | |
| Specialist | | Number | 90 | 26 | 116 | | |
| Other Employees | | Number | 7,172 | 810 | 7,982 | | |
| Total by gender | | Number | 7,525 | 897 | 8,422 | | |
| Diversity- % | | | Men | Women | | | |
| Executive Board | | % | 83,3% | 16,7% | | | |
| Senior Executives | | % | 76,9% | 23,1% | | | |
| Managers | | % | 80.2% | 19.8% | | | |
| Coordinators | | % | 81.4% | 18.6% | | | |
| Specialist | | % | 77.6% | 22.4% | | | |
| Other Employees | | % | 89.9% | 10.1% | | | |
| Total by gender | | % | 89.3% | 10.7% | | | |

Summary

| Our | identity |
|-----|----------|
|-----|----------|

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Governance Performance

| Our 2030 Commitments | Re. GRI | Unit | 2020/21 Crop Year | 2030 Targets | SDGs |
|--|-----------|--------|----------------------|---|---|
| Governance and compliance | | | | | |
| Ombudsman's Office | 103-2 ESG | | | To be recognized as a leading player in corporate governance and ethics | 16 PEACE, JUSTI AND STRONG INSTITUTIONS |
| Total number of complaints and/or grievances filed by the mechanism during the reporting period | | Number | 128 | | 17 PARTNERSHI |
| Number of complaints and/or grievances addressed during the reporting period | | Number | 128 | | 8 |
| Number of complaints and/or grievances resolved during the reporting period | | Number | 106 | | |
| Number of complaints and/or grievances received before the reporting period and resolved during the reporting period | | Number | 0 | | |
| Number of complaints and/or grievances resolved through remediation and the form of remediation. | | Number | 106 | | |
| Operations assessed for risks related to corruption | 205-1 | | | | |
| Total number of operations assessed for risks related to corruption | | Number | 12 | | |
| Total % of operations assessed for risks related to corruption | | % | 100% | | |
| Confirmed incidents of corruption and actions taken | 205-3 | | | | |
| Total number of confirmed anti-corruption cases in the reporting period | | Number | 4.0 | | |
| Total number of corruption cases in which employees were punished or dismissed | | Number | 0 | | |
| Total number of corruption cases leading to termination or nonrenewal of contracts with Business partners | | Number | 0 | | |

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

| Our 2030 Commitments | Re. GRI | Unit | 2020/21 Crop Year | 2030 Targ | ets | SDGs |
|--|---------|--------|----------------------|-----------|-----|------|
| Incidents of Discrimination and Corrective Actions taken | 406-1 | | | | | |
| Race | | Number | 0 | | | |
| Color | | Number | 0 | | | |
| Gender | | Number | 0 | | | |
| Religion | | Number | 0 | | | |
| Political Opinions | | Number | 0 | | | |
| Nationality | | Number | 0 | | | |
| Social Background | | Number | 0 | | | |
| Other Incidents of Discrimination | | Number | 0 | | | |
| Total Cases Received | | Number | 0 | | | |
| Analyzed and Considered Unsubstantiated | | Number | 0 | | | |
| Under Analysis | | Number | 0 | | | |
| Substantiated | | Number | 0 | | | |
| Incidents of anti-competitive behavior and corrective actions taken | 206-1 | | | | | |
| Total number of legal proceedings for unfair competition, antitrust practices and monopoly practices - PENDING | | Number | 0 | | | |
| Total number of legal proceedings for unfair competition, antitrust practices and monopoly practices-FINISHED | | Number | 0 | | | |

Summary

| Our | identity | / |
|-----|----------|---|
|-----|----------|---|

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

| Our 2030 Commitments | Re. GRI | Unit | 2020/21 Crop Year | 2030 Targets | SDGs |
|---|---------|----------------------------|---------------------------------------|---|--|
| Relations with raw material suppliers | | | | Influence the development of communities and land partners by encouraging good ESG practices through our suppliers' program | 2 ZERO HUNGER SSS 12 RESPONSIBLE CONSUMPTION AND PRODUCTI |
| New suppliers that were screened using environmental criteria | 308-1 | | | | CO |
| New suppliers that were screened using environmental criteria | | Number | 2,652 | | |
| Percentage of new suppliers that were screened using environmental criteria | | % | 100% | | |
| New suppliers that were screened using social criteria | 414-1 | | | | |
| No. of new suppliers that were screened using social criteria | | Number | 916 | | |
| Percentage of new suppliers that were screened using social criteria | | % | 22% | | |
| Negative social impacts in the supply chain and actions taken | 414-2 | | | | |
| Number of suppliers assessed for social impacts | | | 916 | | |
| Number of suppliers identified as having significant actual and potential negative social impacts | | Number | 1 | | |
| Significant actual and potential negative environmental impacts - identified in the supply chain | | Discussion and Analysis | Conditions analogous to slavery | | |
| Percentage of suppliers identified as causing actual or potential negative social impacts, with whom improvements were agreed as a result of the screening conducted. | | % | - | | |
| Percentage of suppliers identified as causing significant actual and potential negative social impacts with which the organization discontinued business relations as a result of the screening | | % | 1% | | |

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

| Our 2030 Commitments | Re. GRI | Unit | 2020/21 Crop Year | 2030 Targets | SDGs |
|--|---------|----------------------------|--|--------------|------|
| Operations and suppliers at significant risk for incidents of child labor | 408-1 | | | | |
| a. Operations and suppliers that could be at significant risk for incidents of: | | | | | |
| i. child labor | | | 11 | | |
| ii. young people exposed to hazardous work. | | | 11 | | |
| b. Operations and suppliers that could be at significant risk for incidents of child labor, broken down by: | | | | | |
| i. type of operation (eg.: factory) and supplier; | | | | | |
| ii. countries or geographies with operations and suppliers considered to be at risk. | | | Brazil | | |
| c. Measures taken by the organization during the reporting period to contribute to the effective abolition of child labor. | | | Code of Ethics Policy, Audits in Departments and Lodgings | | |
| Operations and suppliers at significant risk for incidents of forced or compulsory labor | | | | | |
| a. Operations and suppliers at significant risk for incidents of forced or compulsory labor, broken down by: | | | | | |
| i. type of operation (eg.: factory) and supplier; | | Discussion and Analysis | 11 | | |
| ii. countries or geographies with operations and suppliers considered to be at risk. | | Discussion and Analysis | Brazil | | |
| b. Measures taken by the organization during the reporting period to contribute to the elimination of all forms of forced or compulsory labor. | | Discussion and Analysis | Code of Ethics Policy, Audits in Departments and Lodgings | | |

Summary

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

| Our 2030 Commitments | Re. GRI | Unit | 2020/21 Crop Year | 2030 Targets | SDGs |
|--|---------|----------------------------|----------------------------|--|---|
| Local community development | | | | 25% local purchases, nurturing strategic partnerships and qualifying suppliers in our geographies | 10 REDUCED MEQUALITIES |
| Proportion of spending on locally-based suppliers | 204-1 | | | | |
| The geographical definition of "local" used by the organization. | | Discussion and Analysis | State | | |
| The definition used for "important operating units". | | Discussion and Analysis | All mills are important | | |
| Excellence in cane field and mill operations | | | | | |
| Reach industry top quartile for crop yield (TRS/ha) | | TRS/ha | 10.2 | Reach industry top quartile for crop yield (TRS/ha) | 2 ZERO HUNGER |
| Reach industry top quartile for mill yield (RTC) | | RTC | 92.8% | Reach industry top quartile for mill yield (RTC) | 12 RESPONSIBLE CONSUMPTION AND PRODUCTION |
| Economic performance | 201-1 | R\$ thousand | | Guarantee the creation and distribution of sustainable value to shareholders, employees, suppliers, the community and other stakeholders | 8 DECENT WORK AND ECONOMIC GROWT |

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

| Our 2030 Commitments | Re. GRI | Unit | 2020/21 Crop Year | 2030 Targets | SDGs |
|--|-----------|--------------|----------------------|--------------|------|
| Statement of Added Value (DVA) | GRI 201-1 | | | | |
| Revenue | | R\$ thousand | 6,634,263 | | |
| Gross sales | | R\$ thousand | 6,506,865 | | |
| Other Income | | R\$ thousand | 127,398 | | |
| Inputs acquired from third parties | | R\$ thousand | (2,339,313) | | |
| Costs of goods sold and services rendered | | R\$ thousand | (1,804,813) | | |
| Material, electricity, outsourced services and other operational expense | | R\$ thousand | (755,577) | | |
| Change in fair value of biological assets | | R\$ thousand | 221,077 | | |
| Gross Added Value | | R\$ thousand | 4,294,950 | | |
| Depreciation and amortization | | R\$ thousand | (1,602,373) | | |
| Biological assets harvested | | R\$ thousand | (814,246) | | |
| Net added value produced by the company | | R\$ thousand | 1,878,331 | | |
| Transferred value added | | R\$ thousand | 237,629 | | |
| Finance revenue | | R\$ thousand | 237,629 | | |
| Total added value to distribute | | R\$ thousand | 2,115,960 | | |
| Distribution of value added | | | | | |
| Personnel and payroll | | R\$ thousand | 644,026 | | |
| Taxes, fees and contributions | | R\$ thousand | 302,215 | | |
| Lenders | | R\$ thousand | 773,897 | | |
| Interest on loans | | R\$ thousand | 139,769 | | |
| Losses on derivative instruments | | R\$ thousand | 124,372 | | |
| Interest IFRS16 | | R\$ thousand | 166,295 | | |
| Net exchange variance | | R\$ thousand | 318,389 | | |
| Other | | R\$ thousand | 25,072 | | |
| Retained earnings for the year | | R\$ thousand | 395,822 | | |
| Added value distributed | | R\$ thousand | 2,115,960 | | |

83



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

GRI content table

84

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

GRI Content Index

GRI 102-55

| GRI Standa | ard | Reference page or disclosure | Omissions | SDGs | UNGC |
|-------------------|--|------------------------------|-----------|-----------|------|
| Standar | d disclosures | · | | i | |
| GRI 101: Fou | ndation 2016 | | | | |
| Organizati | onal profile | | | | |
| GRI 102: Star | ndard disclosures 2016 | | | | |
| GRI 102-1 | Name of the organization | | | | |
| GRI 102-2 | Activities, brands, products, and services | | | | |
| GRI 102-3 | Location of headquarters | | | | |
| GRI 102-4 | Location of operations | | | | |
| GRI 102-5 | Ownership and legal form | | | | |
| GRI 102-6 | Markets served | | | | |
| GRI 102-7 | Scale of organization | Pages 7, 10, 11, 12 and 13 | | | |
| GRI 102-8 | Information on employees and other workers | Page 74 | | 8.8, 10.3 | 6 |
| GRI 102-9 | Supply chain | | | | 3 |
| GRI 102-10 | Significant changes to the organization and its supply chain | Pages 64 and 65 | | | |
| GRI 102-11 | Precautionary principle or approach | | | | |
| GRI 102-12 | External initiatives | | | | |
| GRI 102-13 | Membership of associations | | | | |
| Strategy | | | | | |
| GRI 102: Star | ndard disclosures 2016 | | | | |
| GRI 102-14 | Statement from senior decision-maker | Page 4 | | | |
| GRI 102-15 | Key impacts, risks, and opportunities | Pages 4 and 34 | | | |



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

| GRI Standa | ard | Reference page or disclosure | Omissions | SDGs | UNC |
|-------------------|--|------------------------------|-----------|------------|-----|
| Ethics and | integrity | 1 | I | | |
| GRI 102: Star | ndard disclosures 2016 | | | | |
| GRI 102-16 | Values, principles, standards, and norms of behavior | Page 30 | | 16.3 | 10 |
| GRI 102-17 | Mechanisms for advice and concerns about ethics | Page 30 and 35 | | 16.3 | 10 |
| Governanc | e | | | | |
| GRI 102: Star | ndard disclosures 2016 | | | | |
| GRI 102-18 | Governance structure | Page 30 | | | |
| GRI 102-19 | Chairman of the highest governance body | Page 4 | | | |
| GRI 102-20 | Executive-level responsibility for economic, environmental,and social topics | | | | |
| GRI 102-21 | Consulting stakeholders on economic, environmental, and social topics | | | 16.3, 16.7 | |
| GRI 102-22 | Composition of the highest governance body and its committees | | | 5.5, 16.7 | |
| GRI 102-23 | Chairman of the highest governance body | | | 16.6 | |
| GRI 102-24 | Nominating and selecting the highest governance body | | | 5.5, 16.7 | |
| GRI 102-25 | Conflicts of interest | | | 16.6 | |
| GRI 102-26 | Role of highest governance body in setting purpose, values, and strategy | | | | |
| GRI 102-27 | Collective knowledge of highest governance body | | | | |
| GRI 102-28 | Evaluating the highest governance body's performance | | | | |
| GRI 102-29 | Identifying and managing economic, environmental, and social impacts | | | 16.7 | |
| GRI 102-30 | Effectiveness of risk management processes | | | | |
| GRI 102-31 | Review of economic, environmental, and social topics | | | | |
| GRI 102-32 | Highest governance body's role in sustainability reporting | | | | |
| GRI 102-33 | Communicating critical concerns | | | | |

86



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

| 87 | |
|----|--|
|----|--|

| GRI Standa | ard | Reference page or disclosure | Omissions | SDGs | UNG |
|-------------------|--|------------------------------|-----------|------------|-----|
| GRI 102-34 | Nature and total number of critical concerns | | | | |
| GRI 102-35 | Remuneration policies | | | 16.6 | |
| GRI 102-36 | Process for determining remuneration | | | | |
| GRI 102-37 | Stakeholders' involvement in remuneration | | | 16.7 | |
| GRI 102-38 | Annual total compensation ratio | | | | |
| GRI 102-39 | Percentage increase in annual total compensation ratio | | | | |
| Stakeholde | er engagement | | | | |
| GRI 102: Star | ndard disclosures 2016 | | | | |
| GRI 102-40 | List of stakeholder groups | Pages 21, 23 and 33 | | | |
| GRI 102-41 | Collective bargaining agreements | Page 41 | | 8.8, 8.8.2 | |
| GRI 102-42 | Basis for identification and selection of stakeholders with whom to engage | Pages 21 and 23 | | | |
| GRI 102-43 | Approach to stakeholder engagement | Pages 21, 23 and 40 | | | |
| GRI 102-44 | Key topics and concerns raised | Pages 21 and 23 | | | |
| Reporting | practices | | | | |
| GRI 102: Star | ndard disclosures 2016 | | | | |
| GRI 102-45 | Entities included in the consolidated financial statements | Pages 21 and 23 | | | |
| GRI 102-46 | Defining report content and topic Boundaries | Pages 21 and 23 | | | |
| GRI 102-47 | List of material topics | Pages 21 and 23 | | | |
| GRI 102-48 | Restatements of information | | | | |
| GRI 102-49 | Changes in reporting | Pages 21 and 23 | | | |
| GRI 102-50 | Reporting period | | | | |
| GRI 102-51 | Date of most recent report | | | | |
| GRI 102-52 | Reporting cycle | | | | |
| GRI 102-53 | Touch point for questions regarding the report | | | | |
| GRI 102-54 | Claims of reporting in accordance with the GRI Standards | | | | |
| GRI 102-55 | GRI content index | | | | |
| GRI 102-56 | External assurance | | | | |

| bp | bun | ge |
|-----|------|-----|
| bio | ener | gia |

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

| GRI Stand | ard | Reference page or disclosure | Omissions | SDGs | UNG |
|------------------|--|------------------------------|-----------|--|-----|
| Econon | nic Disclosures | | | | |
| Material to | pic: Economic performance | | | | |
| GRI 103: Ma | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | Page 83 | | | 7 |
| GRI 103-2 | The management approach and its components | Page 83 | | | |
| GRI 103-3 | Evaluation of the management approach | Page 83 | | | |
| GRI 201: Fin | ancial performance 2016 | | | | |
| GRI 201-1 | Direct economic value generated and distributed | Page 83 | | 8.1, 8.2, 8.2.1, 9.1, 9.4, 9.4.1, 9.5, 17.1.2 | |
| GRI 201-2 | Financial implications and other risks and opportunities due to climate change | | | 13.1 | 7 |
| GRI 201-3 | Defined benefit plan obligations and other retirement plans | | | | |
| GRI 201-4 | Financial assistance received from government | | | | |
| Material to | pic: Market presence | | · | | |
| GRI 103: Ma | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | Page 41 | | | 7 |
| GRI 103-2 | The management approach and its components | Page 41 | | | 1 |
| GRI 103-3 | Evaluation of the management approach | Page 41 | | | |
| GRI 202: Ma | rket presence 2016 | | · | | |
| GRI 202-1 | Ratios of standard entry level wage by gender compared to local minimum wage | Page 41 | | 1.2, 5.1, 8.5 | 6 |
| GRI 202-2 | Proportion of senior management hired from the local community | Pages 75 and 82 | | 8.5 | 6 |
| | | | 7 | | |



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

| GRI Stand | ard | Reference page or disclosure | Omissions | SDGs | UNGO |
|------------------|--|------------------------------|-----------|-------------------------------|------|
| Material to | opic: Indirect economic impacts | | | | |
| GRI 103: Ma | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | | | | |
| GRI 103-2 | The management approach and its components | | | | |
| GRI 103-3 | Evaluation of the management approach | | | | |
| GRI 203: I | ndirect economic impacts 2016 | | | • | · |
| GRI 203-1 | Infrastructure investments and services supported | | | 5.4, 9.1, 11.2 | 9 |
| GRI 203-2 | Significant indirect economic impacts | | | 1.2, 3.8, 8.2, 8.3, 8.5 | |
| Material to | pic: Procurement practices | | · | | |
| GRI 103: Ma | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | Pages 64, 65 and 82 | | | |
| GRI 103-2 | The management approach and its components | Pages 64, 65 and 82 | | | |
| GRI 103-3 | Evaluation of the management approach | Pages 64, 65 and 82 | | | |
| GRI 204: Pro | ocurement practices 2016 | <u>`</u> | · | | |
| GRI 204-1 | Proportion of spending on locally-based suppliers | Pages 64, 65 and 82 | | 8.3, 9.3.1 | |
| Material to | opic: Anti-corruption | · | · | | |
| GRI 103: Ma | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | Page 78 | | | |
| GRI 103-2 | The management approach and its components | Page 78 | | | |
| GRI 103-3 | Evaluation of the management approach | Page 78 | | | |
| GRI 205: Ant | i-corruption 2016 | | | | |
| GRI 205-1 | Operations assessed for risks related to corruption | Page 78 | | 16.5.2 | 10 |
| GRI 205-2 | Communication and training about anti-corruption policies and procedures | | | 16.5.2 | 10 |
| GRI 205-3 | Confirmed incidents of corruption and actions taken | Page 78 | | 16.5.2 | 10 |

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

| GRI Stand | ard | Reference page or disclosure | Omissions | SDGs | UNG |
|---|--|------------------------------|-----------|----------------------------------|-----|
| Material to | pic: Anti-competitive behavior | 1 | | | |
| GRI 103: Ma | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | Page 79 | | | |
| GRI 103-2 | The management approach and its components | Page 79 | | | 1 |
| GRI 103-3 | Evaluation of the management approach | Page 79 | | | |
| GRI 206: Ant | i-competitive behavior 2016 | • | | | |
| GRI 206-1 | Legal actions for anti-competitive behavior, anti- trust, and monopoly practices | Page 79 | | 16.3 | |
| Environ | mental Disclosures | | | | |
| Material to | ppic: Materials | | | | |
| GRI 103: Ma | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | Page 70 | | | |
| GRI 103-2 | The management approach and its components | Page 70 | | | |
| GRI 103-3 | Evaluation of the management approach | Page 70 | | | |
| GRI 103-3 | Evaluation of the management approach | | | | |
| GRI 301: Mat | | | | | |
| | | Page 70 | | 8.4, 12.2 | 7.8 |
| GRI 301: Mat GRI 301-1 | terials 2016 | Page 70 | | 8.4, 12.2 8.4, 12.2, 12.5 | 7.8 |
| GRI 301: Mat GRI 301-1 | terials 2016 Materials used by weight or volume | Page 70 | | 8.4, 12.2, | |
| GRI 301: Mat GRI 301-1 GRI 301-2 GRI 301-3 | Iterials 2016 Materials used by weight or volume Recycled input materials used | Page 70 | | 8.4, 12.2, 12.5 8.4, 12.2, | 8 |
| GRI 301: Material to | terials 2016 Materials used by weight or volume Recycled input materials used Reclaimed products and their packaging materials | Page 70 | | 8.4, 12.2, 12.5 8.4, 12.2, | 8 |
| GRI 301: Mat GRI 301-1 GRI 301-2 GRI 301-3 Material to | terials 2016 Materials used by weight or volume Recycled input materials used Reclaimed products and their packaging materials ppic: Energy | Page 70 Pages 56 and 71 | | 8.4, 12.2, 12.5 8.4, 12.2, | 8 |
| GRI 301: Mat GRI 301-1 GRI 301-2 GRI 301-3 Material to GRI 103: Mat | terials 2016 Materials used by weight or volume Recycled input materials used Reclaimed products and their packaging materials opic: Energy nagement approach 2016 | | | 8.4, 12.2, 12.5 8.4, 12.2, | 8 |



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

- Governance
- People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

| GRI Stand | ard | Reference page or disclosure | Omissions | SDGs | UNG |
|------------------|--|------------------------------|-----------|--|-----|
| GRI 302: Ene | ergy 2016 | 1 | I | I | 1 |
| GRI 302-1 | Energy consumption within the organization | Pages 56 and 71 | | 7.2, 7.2.1, 7.3, 7.3.1, 8.4, 12.2, 13.1 | 7.8 |
| GRI 302-2 | Energy consumption outside of the organization | Page 56 | | 7.2, 7.3, 8.4, 12.2, 13 | 8 |
| GRI 302-3 | Energy intensity | Page 56 | | 8.4, 12.2, 13.1 | 8 |
| GRI 302-4 | Reduction of energy consumption | | | 7.3, 8.4, 13.1 | 8.9 |
| GRI 302-5 | Reductions in energy requirements of products and services | | | 7.3, 8.4, 13.1 | 8 |
| Material to | pic: Water & effluents | | | | |
| GRI 103: Ma | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | Page 55 | | | |
| GRI 103-2 | The management approach and its components | Page 55 | | | |
| GRI 103-3 | Evaluation of the management approach | Page 55 | | | |
| GRI 303: Wa | ter and effluents 2018 | | | | |
| GRI 303-1 | Interactions with water as a shared resource | Page 55 | | 6.4 | 8 |
| GRI 303-2 | Management of water discharge-related impacts | | | 6.5, 14.2, 15.1, 15.5 | 8 |
| GRI 303-3 | Water withdrawal | Page 55 and 72 | | 6.4, 6.4.2 | 7.8 |
| GRI 303-4 | Water discharge | | | 3.9, 6.3, 6.4, 12.4, 14.1 | 8 |
| GRI 303-5 | Water consumption | | | 6.3, 6.4.1, 8.4, 12 | 8 |



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

| GRI Stand | ard | Reference page or disclosure | Omissions | SDGs | UNG |
|------------------|---|--------------------------------|-----------|--|---------|
| Material to | pic: Biodiversity | | | | |
| GRI 103: Mar | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | Pages 18, 19, 57 and 60 | | | |
| GRI 103-2 | The management approach and its components | Pages 18, 19, 57 and 60 | | | |
| GRI 103-3 | Evaluation of the management approach | Pages 18, 19, 57 and 60 | | | |
| GRI 304: Bio | diversity 2016 | | | | |
| GRI 304-1 | Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas | Pages 18, 19, 57 and 60 | | 6.6, 14.2, 15.1, 15.5, 12 | 3.8 |
| GRI 304-2 | Significant impacts of activities, products, and services on biodiversity | Pages 18, 19, 57 and 60 | | 6.6, 14.2, 15.1, 15.5 | 8 |
| GRI 304-3 | Habitats protected or restored | Pages 18, 19, 57 and 60 and 71 | | 6.6, 14.2, 15.1, 15.5 | 8 |
| GRI 304-4 | IUCN Red List species and national conservation list species with habitats in areas affected by operations | Pages 57 and 60 | | 6.6, 14.2, 15.1, 15.5 | 8 |
| Material to | pic: Emissions | | | | |
| GRI 103: Mar | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | Page 69 | | | |
| GRI 103-2 | The management approach and its components | Page 69 | | 9.4, 12.4, 12.5, 13.1, 13.3, 14.2, 14.3, 15.1 | 7, 8, 9 |
| GRI 103-3 | Evaluation of the management approach | Page 69 | | | |
| GRI 305: Em | issions 2016 | | | | |
| GRI 305-1 | Direct (Scope 1) GHG emissions | Page 69 | | 3.9, 9.4.1, 12.4, 14.3, 15.2 | 7, 8 |



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

| GRI Stand | lard | Reference page or disclosure | Omissions | SDGs | UNG |
|------------------|---|------------------------------|-----------|---|------|
| GRI 305-2 | Energy indirect (Scope 2) GHG emissions | Page 69 | | 3.9, 9.4.1, 12.4,13.1, 14.3, 15.2 | 7, 8 |
| GRI 305-3 | Other indirect (Scope 3) GHG emissions | | | 3.9, 12.4, 13.1,14.3, 15 | 7, 8 |
| GRI 305-4 | GHG emissions intensity | Page 69 | | 13.1,14.3, 15.2 | 8 |
| GRI 305-5 | Reduction of GHG emissions | Page 69 | | 13.1,14.3, 15.2 | 8.9 |
| GRI 305-6 | Emissions of ozone-depleting substances (ODS) | | | | |
| GRI 305-7 | Nitrogen oxides (NOX), sulfur oxides (SOX), and other significant air emissions | | | 8.9, 12.4, 14,3 15.2 | 7.8 |
| Material to | ppic: Effluents and waste | | • | · | |
| GRI 103: Ma | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | Page 53 and 70 | | | |
| GRI 103-2 | The management approach and its components | Page 53 and 70 | | | |
| GRI 103-3 | Evaluation of the management approach | Page 53 and 70 | | | |
| GRI 306: Effl | uents and waste 2016 | | | | |
| GRI 306-2 | Waste by type and disposal method | Page 53 and 70 | | 3.9, 6.3, 12.4, 12.4.2, | 8 |
| | | | | 12.5, 12.5.1, | |
| GRI 306-3 | Significant spills | Page 53 and 70 | | | 8 |

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

| GRI Stand | ard | Reference page or disclosure | Omissions | SDGs | UNGC |
|------------------|--|------------------------------|--------------|--|------|
| Material to | ppic: Environmental compliance | 1 | I | | 1 |
| GRI 103: Ma | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | Page 79 | | | |
| GRI 103-2 | The management approach and its components | Page 79 | | 9.4, 12.4, 12.5, 13.1, 13.3, 12.2, 14.3, 15.1 | |
| GRI 103-3 | Evaluation of the management approach | Page 79 | | | 1 |
| GRI 307: Env | <i>v</i> ironmental compliance 2016 | • | | i | |
| GRI 307-1 | Non-compliance with environmental laws and regulations | Page 79 | | 16.3 | 8 |
| Material to | pic: Supplier environmental assessment | | | · · | |
| | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | Pages 64, 65 and 80 | | | |
| GRI 103-2 | The management approach and its components | Pages 64, 65 and 80 | | | 1 |
| GRI 103-3 | Evaluation of the management approach | Pages 64, 65 and 80 | | | 1 |
| GRI 308: Sup | oplier environmental assessment 2016 | | ¹ | i | |
| GRI 308-1 | New suppliers that were screened using environmental criteria | Pages 64, 65 and 80 | | | 8 |
| GRI 308-2 | Negative environmental impacts in the supply chain and actions taken | | | | 8 |
| | 1 | | 1 | | |

| b | pk | DU | ng | e |
|----|-----|-------|-----|----|
| bi | 0 6 | e n e | r g | ia |

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

| GRI Standard | | Reference page or disclosure | Omissions | SDGs | UNGC |
|--|--|------------------------------------|-----------|------------------------|------|
| Social [| Disclosures | 1 | I | | 1 |
| Material to | opic: Employment | | | | |
| GRI 103: Ma | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | Page 75 | | | |
| GRI 103-2 | The management approach and its components | Page 75 | | | |
| GRI 103-3 | Evaluation of the management approach | Page 75 | | | |
| GRI 401: Em | ployment 2016 | | | · · · · · | |
| GRI 401-1 | New employee hires and employee turnover | Page 75 | | 5.1, 8.5, 8.6, 10.3 | 6 |
| GRI 401-2 | Benefits provided to full-time employees that are not provided to temporary or part-time employees | Page 41 | | 3, 5.4, 8.5 | |
| GRI 401-3 | Parental leave | Page 76 | | 5.1, 5.4, 8.5 | 6 |
| Material to | opic: Labor/management relations | | · | 2 2 | |
| GRI 103: Ma | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | | | | |
| 0111105-1 | Explanation of the material topic and its boundary | | | | |
| GRI 103-1 | The management approach and its components | | | | |
| | | | | | |
| GRI 103-2 GRI 103-3 | The management approach and its components | | | | |
| GRI 103-2 GRI 103-3 | The management approach and its components Evaluation of the management approach | | | 8.8 | 3 |
| GRI 103-2 GRI 103-3 GRI 402: Lab GRI 402-1 | The management approach and its components Evaluation of the management approach por/management relations 2016 Minimum notice periods regarding operational | | | 8.8 | 3 |
| GRI 103-2 GRI 103-3 GRI 402: Lat GRI 402-1 Material to | The management approach and its components Evaluation of the management approach por/management relations 2016 Minimum notice periods regarding operational changes | | | 8.8 | 3 |
| GRI 103-2 GRI 103-3 GRI 402: Lat GRI 402-1 Material to | The management approach and its components Evaluation of the management approach por/management relations 2016 Minimum notice periods regarding operational changes ppic: Occupational health and safety | Pages 42 and 48 | | 8.8 | 3 |
| GRI 103-2 GRI 103-3 GRI 402: Lat GRI 402-1 Material to GRI 103: Ma | The management approach and its components Evaluation of the management approach por/management relations 2016 Minimum notice periods regarding operational changes opic: Occupational health and safety nagement approach 2016 | Pages 42 and 48 Pages 42 and 48 | | 8.8 | 3 |

95



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

| GRI Standa | ard | Reference page or disclosure | Omissions | SDGs | UNG |
|-------------------|---|------------------------------|-----------|--|-----|
| GRI 403: Occ | upational health and safety 2018 | | | | |
| GRI 403-1 | Occupational health and safety management system | Pages 42 and 48 | | 3.8, 8.8 | 6 |
| GRI 403-2 | Hazard identification, risk assessment, and incident investigation | Pages 42 and 48 | | 3.8, 8.8 | 6 |
| GRI 403-3 | Occupational health services | Pages 42 and 48 | | 3.8, 8.8 | 6 |
| GRI 403-4 | Worker participation, consultation, and communication on occupational health and safety | Pages 42 and 48 | | 3.8, 8.8 | 6 |
| GRI 403-5 | Worker training on occupational health and safety | Pages 42 and 48 | | 3.8, 8.8 | 6 |
| GRI 403-6 | Promotion of worker health | Pages 42 and 48 | | 3.8, 8.8 | 6 |
| GRI 403-7 | Prevention and mitigation of occupational health and safety impacts directly linked by business relationships | Pages 42 and 48 | | 3.8, 8.8 | 6 |
| GRI 403-8 | Workers covered by an occupational health and safety management system | Pages 42 and 48 | | 3.8, 8.8 | 6 |
| GRI 403-9 | Work-related injuries | Pages 42, 48 and 73 | | 3.8, 8,8, 8.8.1 | 6 |
| GRI 403-10 | Work-related ill health | Pages 42 and 48 | | 3.8, 8.8 | 6 |
| Material to | pic: Training and education | | | | |
| GRI 103: Mar | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | Page 77 | | | |
| GRI 103-2 | The management approach and its components | Page 77 | | | |
| GRI 103-3 | Evaluation of the management approach | Page 77 | | | |
| GRI 404: Trai | ning and education 2016 | | | | |
| GRI 404-1 | Average hours of training per year per employee | Page 77 | | 4.3, 4.3.1, 4.4, 4.5, 5.1, 8.2, 8.5, 10.3 | 6 |
| GRI 404-2 | Programs for upgrading employee skills and transition assistance programs | Pages 37 and 38 | | 8.2, 8.5 | |
| GRI 404-3 | Percentage of employees receiving regular performance and career development reviews | Page 77 | | 5.1, 8.5, 10.3 | 6 |

96

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

| GRI Stand | ard | Reference page or disclosure | Omissions | SDGs | UNG |
|------------------|--|------------------------------|-----------|-----------------------|-----|
| Material to | ppic: Diversity and equal opportunity | 1 | 1 | | |
| | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | Pages 41 and 77 | | | |
| GRI 103-2 | The management approach and its components | Pages 41 and 77 | | | |
| GRI 103-3 | Evaluation of the management approach | Pages 41 and 77 | | | |
| GRI 405: Div | ersity and equal opportunity 2016 | | · · · · | | |
| GRI 405-1 | Diversity of governance bodies and employees | Pages 41 and 77 | | 5.5.2, 8.5, 16.7.1 | 6 |
| GRI 405-2 | Ratio of basic salary and remuneration of women to men | | | 8.5, 10.3 | 6 |
| Material to | ppic: Non-discrimination | | | | |
| GRI 103: Ma | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | | | | |
| GRI 103-2 | The management approach and its components | | | | |
| GRI 103-3 | Evaluation of the management approach | | | | |
| GRI 406: Nor | n-discrimination 2016 | | | | |
| GRI 406-1 | Incidents of discrimination and corrective actions taken | | | 5.1, 8.8 | 6 |
| Material to | ppic: Freedom of association and collective | e bargaining | | | |
| GRI 103: Ma | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | | | | |
| GRI 103-2 | The management approach and its components | | | | |
| GRI 103-3 | Evaluation of the management approach | | | | |
| GRI 407: Fre | edom of association and collective bargaining 2016 | | | | |
| GRI 407-1 | Operations and suppliers in which the right to freedom of association and collective bargaining may be at risk | | | 8.8 | 3 |

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

| GRI Standard | | Reference page or disclosure | Omissions | SDGs | UNGC |
|--------------|--|------------------------------|-----------|-----------|------|
| Material to | opic: Child labor | 1 | | | |
| GRI 103: Ma | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | Pages 64, 65 and 81 | | | |
| GRI 103-2 | The management approach and its components | Pages 64, 65 and 81 | | | |
| GRI 103-3 | Evaluation of the management approach | Pages 64, 65 and 81 | | | |
| GRI 408: Chi | ild labor 2016 | | | | |
| GRI 408-1 | Operations and suppliers at significant risk for incidents of child labor | Pages 64, 65 and 81 | | 8.7, 16.2 | 5 |
| Material to | opic: Forced or compulsory labor | | · | | |
| GRI 103: Ma | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | Pages 64 and 65 | | | |
| GRI 103-2 | The management approach and its components | Pages 64 and 65 | | | 1 |
| GRI 103-3 | Evaluation of the management approach | Pages 64 and 65 | | | |
| GRI 409: For | ced or compulsory labor 2016 | | | | |
| GRI 409-1 | Operations and suppliers at significant risk for incidents of forced or compulsory labor | Pages 64 and 65 | | 8.7 | 4 |
| Material to | pic: Security practices | | · | · | |
| GRI 103: Ma | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | | | | |
| GRI 103-2 | The management approach and its components | | | | |
| GRI 103-3 | Evaluation of the management approach | | | | |
| GRI 410: Sec | curity practices 2016 | · | | | |
| GRI 410-1 | Security personnel trained in human rights policies or procedures | | | 16.1 | 1 |

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

| GRI Stand | ard | Reference page or disclosure | Omissions | SDGs | UNGC |
|------------------|--|------------------------------|-----------|-----------|------|
| Material to | ppic: Rights of indigenous and traditional p | beoples | 1 | | |
| GRI 103: Ma | nagement approach 2016 | · · | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | | | | |
| GRI 103-2 | The management approach and its components | | | | 1 |
| GRI 103-3 | Evaluation of the management approach | | | | |
| GRI 411: Rig | hts of indigenous peoples 2016 | ^ | | <u>^</u> | |
| GRI 411-1 | Incidents of violations involving rights of indigenous or traditional peoples | | | 2.3 | 1 |
| Material to | pic: Human rights assessment | · | · | ÷ | ÷ |
| GRI 103: Ma | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | Page 41 | | | |
| GRI 103-2 | The management approach and its components | Page 41 | | | |
| GRI 103-3 | Evaluation of the management approach | Page 41 | | | |
| GRI 412: Hur | man rights assessment 2016 | | · · · · | | |
| GRI 412-1 | Operations that have been subject to human rights reviews or impact assessments | Page 41 | | 5, 10, 16 | 1 |
| GRI 412-2 | Employee training on human rights policies or procedures | | | | 1 |
| GRI 412-3 | Significant investment agreements and contracts that include human rights clauses or that underwent human rights screening | | | | 2 |
| Material to | pic: Local communities | | | · | |
| GRI 103: Ma | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | Pages 50 and 51 | | | |
| GRI 103-2 | The management approach and its components | Pages 50 and 51 | | | 1 |
| GRI 103-3 | Evaluation of the management approach | Pages 50 and 51 | | | |



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

| GRI Stand | ard | Reference page or disclosure | Omissions | SDGs | UNG |
|------------------|--|------------------------------|-----------|-------------------|-----|
| GRI 413: Loc | al communities 2016 | 1 | | | |
| GRI 413-1 | Operations with local community engagement, impact assessments, and development programs | Pages 50 and 51 | | | 1 |
| GRI 413-2 | Operations with significant actual or potential negative impacts on local communities | | | 1.4, 2.3 | 1 |
| Material to | pic: Supplier social assessment | | | | |
| GRI 103: Mar | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | Page 80 | | | |
| GRI 103-2 | The management approach and its components | Page 80 | | | |
| GRI 103-3: | Evaluation of the management approach | Page 80 | | | |
| GRI 414: Sup | plier social assessment 2016 | | | | |
| GRI 414-1 | New suppliers that were screened using social criteria | Page 80 | | 5.2, 8.8, 16.1 | 2.6 |
| GRI 414-2 | Negative social impacts in the supply chain and actions taken | Page 80 | | 5.2, 8.8, 16.1 | 2 |
| Material to | pic: Public policy | | I | | |
| | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | | | | |
| GRI 103-2 | The management approach and its components | | | | |
| GRI 103-3 | Evaluation of the management approach | | | | |
| GRI 415: Pub | lic policy 2016 | | · | · | |
| GRI 415-1 | Political contributions | | | 16.5 | 10 |
| Material to | pic: Customer health and safety | | | | |
| GRI 103: Mar | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | | | | |
| GRI 103-2 | The management approach and its components | | | | |
| GRI 103-3 | Evaluation of the management approach | | | i | - î |



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

| GRI Stand | ard | Reference page or disclosure | Omissions | SDGs | UNGC |
|------------------|---|------------------------------|-----------|------------|------|
| GRI 416: Cus | stomer health and safety 2016 | 1 | | | 1 |
| GRI 416-1 | Assessment of the health and safety impacts of product and service categories | | | | |
| GRI 416-2 | Incidents of non-compliance concerning the health and safety impacts of products and services | | | 16.3 | |
| Material to | pic: Marketing and labeling | | | | |
| GRI 103: Ma | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | | | | |
| GRI 103-2 | The management approach and its components | | | | |
| GRI 103-3 | Evaluation of the management approach | | | | |
| GRI 417: Ma | rketing and labeling 2016 | | | | |
| GRI 417-1 | Requirements for product and service information and labeling | | | 12.8 | |
| GRI 417-2 | Incidents of non-compliance concerning product and service information and labeling | | | 16.3 | |
| GRI 417-3 | Incidents of non-compliance concerning marketing communications | | | 16.3 | |
| Material to | pic: Customer privacy | | | 2 | |
| GRI 103: Ma | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | | | | |
| GRI 103-2 | The management approach and its components | | | | |
| GRI 103-3 | Evaluation of the management approach | | | | |
| GRI 418: Cus | stomer privacy 2016 | | | · | |
| GRI 418-1 | Substantiated complaints concerning breaches of customer privacy and losses of customer data | | | 16.3, 16.1 | C |
| | | | | | |

Summary

Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

| GRI Stand | ard | Reference page or disclosure | Omissions | SDGs | UNGC |
|------------------|--|------------------------------|-----------|---------|------|
| Material to | ppic: Social and economic compliance | | • | | |
| GRI 103: Ma | nagement approach 2016 | | | | |
| GRI 103-1 | Explanation of the material topic and its Boundary | | | | |
| GRI 103-2 | The management approach and its components | | | | |
| GRI 103-3 | Evaluation of the management approach | | | | |
| GRI 419: Soc | cioeconomic compliance 2016 | · | · · | · · · · | |
| GRI 419-1 | Non-compliance with laws and regulations in the | | | 16.3, | |
| | social and economic area | | | 16.5.2 | |



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

Credits

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103



Our identity

Introduction

Message from our leadership

Highlights in the crop year

About us

Governance

People and human-capital management

Community relations

Environmental stewardship

Commercial and customer management

Supplier management

Outlook

Performance Tables

GRI content table

Credits

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